

STATE OF NEBRASKA  
DEPARTMENT OF PUBLIC WORKS

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HYDROGRAPHIC REPORT  
OF  
BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE

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1914 - 1928

Second Hydrographic Report  
OF THE  
Bureau of Irrigation, Water  
Power and Drainage  
1914-1928

TO THE  
**GOVERNOR OF NEBRASKA**

Claffin Printing Company  
Lincoln, Nebraska.  
1933



Lincoln, Nebraska  
June 1, 1933

Honorable Charles W. Bryan,  
Governor of Nebraska,  
Lincoln, Nebraska

Dear Sir:

I have the honor to submit the following Hydrographic Report of the Bureau of Irrigation, Water Power and Drainage, covering the years 1915 to 1928 inclusive. This report is the second of a series, the first of which was published in 1914.

Respectfully submitted,

R. L. Cochran,  
State Engineer

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OF THE  
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## INTRODUCTION

The purpose of this Hydrographical Report is to make available to those interested, the considerable accumulation of stream data obtained by the State of Nebraska from the year 1914 to 1928 inclusive. A former volume was published by the department containing all hydrographical data available prior to 1914. However, the supply of the same has long since been exhausted.

## COOPERATION

A considerable portion of the data published in this report was made available by cooperation with other agencies carrying on similar work.

The United States Bureau of Reclamation has furnished the State Department with practically all the data obtained by it on the North Platte River in Wyoming since the year 1908. The United States Geological Survey supplied all data accumulated by it on a number of Nebraska streams. The State of Colorado cooperated with Nebraska on measurements of the South Platte River and Lodgepole Creek at Julesburg and Ovid, Colorado. Data from water supply papers published by the United States Department of Agriculture have also been used in this report.

## CANAL MEASUREMENTS

The law of Nebraska provides that irrigation and power canals be equipped with approved rating flumes or weirs, automatic recorders and gage rods. Many canals do not have measuring devices; some have only a gage rod, others have rating flumes and gage rods and no automatic recorder.

Where rating flumes are installed, measurements of the flow were made by the state hydrographers at the flume. If not installed, a suitable place along the canal was selected for measuring, usually at a bridge. However, better results were obtained in a rating flume. A few canals have rating flumes so located that accurate measurements cannot be made by reason of a check below backing dead water into the flume.

Although the law is not explicit as to the disposal of the information acquired by the use of automatic recorders the department has presumed that such data are available for the public.

A number of project owners reluctantly furnish the department with daily information concerning the amount of water diverted or wasted, either by daily gage height reports or the seven day record registered on the automatic recorder, or both. For administrative purposes the former is needed, and for hydrographical records the latter is satisfactory. Where project owners fail to furnish gage height information the daily discharge records are made up from the hydrographer's measurements. The state hydrographer measures the flow of water

in the canal once every two or three weeks. The flow on the days between date of visits by the hydrographer is estimated. Obviously the result of this method is not satisfying, although it is better than no record.

### DRAINAGE BASINS

The State has six major drainage basins listed in the order of size, as follows:—Platte River, Republican River, Niobrara River, the Blue Rivers, White River, and Hat Creek.

**The Platte Rivers.** The Platte River basin, including the South Platte and the North Platte Rivers, has a total drainage area of 85,720 square miles above Plattsmouth, and lies entirely within the three states: Colorado, Wyoming, and Nebraska. The area in each state is as follows: Colorado 21,090 square miles, Wyoming 23,760 square miles, and Nebraska 40,870 square miles. Since about 1925 one and one-half to two million acre feet are diverted for irrigation from the Platte River basin in Wyoming and Nebraska annually.

Although the flow of the Platte Rivers became very low in the summer months, historians did not mention the river as ever being dry prior to the "nineties". History of Nebraska, 1882, mentioned the flow of the Platte River being very low in 1871. Statistics do not show the river as being entirely dry at North Platte until after the middle "nineties", when irrigation ditches in the upper portion of the North Platte River, and many of the tributaries, diverted water for irrigation. However, the early records are not very clear on this point.

General study of return flow is incidentally carried on with stream flow records. However, more intense study is being made since 1911 in the North Platte Valley between the Wyoming-Nebraska line and Bridgeport.

Return flow records are obtained under two heads; i. e. visible and invisible return flow. The visible is measured in streams leading from irrigated areas to the North Platte River. The invisible is determined, first: By dividing the river into sections, i. e. State Line to Mitchell, Mitchell to Minatare, Minatare to Bridgeport—second: Measuring the inflow and outflow of each section. When the total outflow is greater than the total inflow it is designated as invisible flow.

Figure 1, page 20, shows graphically the uniform yearly increase of the visible return to the river. The invisible return is approximately twice as much. Figure 4, page 20, shows graphically the return flow by months. There is more available return in August and September than any other month of the year.

The effect of return flow to a stream is very noticeable. A study of Figure 3, pages 160-164 for each month during the irrigation season is interesting information in stream regulation to anyone interested.

The month of May shows a recent ten year mean as being less than an early ten year mean. The impounding of the flood waters in the Pathfinder reservoir has reduced the flow of the river at North Platte

approximately thirty-five per cent for May and June. The recent mean flow for July is now the same as the mean flow of earlier years. The 1899 flow was so abnormal it was not included in the mean. Examine the August graph, Figure 3, page 163. The increased flow of the recent ten year mean is approximately 260 per cent of the early ten year mean, and for September the increase is approximately 330 per cent. This increased flow is the direct result of spreading water over some 500,000 or more acres in the valley west of Bridgeport during the irrigation season.

An interesting study may be made by viewing Figure 2, pages 155-159, for each month of the irrigating season. The effect of impounding flood waters and spreading water for irrigation is apparent. Impounding of water in the Pathfinder began in 1908, and in the Guernsey in 1927.

**Republican River.** The Republican River, including all tributaries, has a total drainage area of 23,400 square miles above Superior, Nebraska. The major part of the drainage area is in Colorado and Kansas. The Frenchman River, from an irrigation standpoint, is an important tributary of the Republican. The water of this stream is over-appropriated for irrigation and it is very seldom that any water from the Frenchman reaches any farther than three miles beyond its mouth in summer months. There are six hydro-electric power plants operating on the Frenchman. The flow of the stream is very uniform the year around.

**Niobrara River.** The Niobrara River, including all tributaries, has a drainage area above the mouth of approximately nine thousand square miles, the major part of which is in Nebraska.

The Niobrara River heads about thirty-five miles west of the State line and about eight miles west of Lusk, Wyoming. It flows easterly entering the State about twenty-five miles south of the northwest corner, and empties into the Missouri River at Niobrara, Nebraska. It is situated along the northern part of Nebraska at a distance from the South Dakota line varying from ten to twenty-five miles.

The following is an excerpt from the History of Nebraska, published in 1882, by A. T. Andreas, which is a very satisfactory description of this river:

"The Niobrara River, from its source in Wyoming to its mouth, is 460 miles long. Its source is 4,100 feet above sea level. At the State line it is ten feet wide and of beautiful clear running water, which character it retains though widening to about fifteen feet down to Longitude 103° 15'. From this point it widens rapidly until in Longitude 102° 30', it is from sixty to eighty yards wide. Here it enters a canyon whose walls are high and steep. This canyon region continues about 189 miles. After its emergence from the canyon, it is still a broad, rapid and sandy river to its mouth. Owing to its rapidity and quicksands it is difficult to ford along its lower course. Here there are many low islands, mostly covered with timber. It enters the Missouri in Range 6 West, and Township 32 North.

"Most of the numerous tributaries of the Niobrara are of small size. The first of importance on the south side is the Verdigris. It flows through the west end of Knox County, joining the Niobrara six miles from its mouth. Between this and the Keya Paha on the south side there are a great number of tributaries. From the mouth of this stream to the Wazikonski, there are a great number of small tributaries, many of which are remarkable for the number of fine springs of water that feed them and for the pines and cedars on their banks and bluffs. Snake River is the next important tributary. Its mouth is near Longitude 100° 45'. It has a narrow valley, and its bluffs are covered with pine. The Keya Paha is the first large tributary above its mouth on the north side of the Niobrara. It is about 125 miles long. Where I crossed it, fifty miles above its mouth, it has a fine valley, three-fourths of a mile wide, with a good soil, and some cottonwood timber. The bed of the river, like that of the Niobrara, is sandy, but its waters are clear and delicious to the taste. At its mouth it is about fifty-five yards wide. The next tributary from the northwest is Rapid (Minnechaduza) Creek, which, however, is only nine yards wide at its mouth. It connects with the Niobrara in Longitude 100° 23'. Its valley is in some places half a mile wide, and the soil is, judging from the vegetation, quite fertile. A few small trees fringe its banks. It is about fifty-five miles long. Reunion (Bear) Creek, which flows into the Niobrara at Longitude 101° 18', has hardly any bottom and flows between lofty rock bluffs, very hard to ascend or descend. At its mouth, it is fifty-eight yards wide, and has clear, cold, rapid-running water.

"At Longitude 101° 30', a creek (Bad Medicine) flows into the Niobrara, a little more than half the size of Rapid Creek, which it closely resembles. Above this there are a great number of small rivulets, which flow into the Niobrara, many of which are dry except in rainy weather. They, however, indicate the former abundance of water here, and will, with the growing moisture and rainfall of the State, again, no doubt, become permanent freshwater streams."

Irrigation has not become a settled institution in the Niobrara basin. At one time there were seventy appropriations of water for irrigation and power. The area reclaimed by the irrigation projects was 13,000 acres. At the present time less than 5,500 acres are irrigated, requiring 80 second-feet for this purpose. More than ninety-five per cent of the flow is unappropriated. There are four water power plants actually operated on this stream. At the present time there is no irrigation practiced east of Springview, Nebraska.

**The Blue Rivers.** The Big and Little Blue Rivers are a part of the Kansas River basin. The Big Blue heads northeast of Aurora, flows easterly to Seward and then southeasterly to Barnston near the Kansas line.

The Little Blue heads east of Minden, flows southeasterly through Fairbury and on to the Kansas line.

Very little use of water for irrigation is made from these streams,

however, there are nineteen hydro-electric power plants in operation on the Big Blue and four on the Little Blue.

**White River.** The White River heads east of Harrison, flows northeasterly through Crawford and Whitney, and crosses into South Dakota northeast of Chadron. Good use is made of the waters of this basin. Practically all the flow of the entire year is used for irrigation. Approximately 15,000 acre feet or more of the winter flow is stored annually. The largest reservoir is the Whitney with a capacity of more than 10,000 acre feet.

**Hat Creek.** Hat Creek basin is not large and the flow is small. The many tributaries head north of Harrison and flow northerly to the South Dakota line at a point about twenty-five miles east of the northwest corner of Nebraska. Every drop of this water is used for irrigation and stock water. There are many small reservoirs constructed on the tributaries to catch the flood water to be used for irrigation.

#### CONCLUSION

The conservation of the water resources of Nebraska is a subject that should interest everyone who has the desire to develop the State's agricultural and industrial institutions to the limit of its possibilities.

To have assurance of an economic development of the State's water resources, practical fundamental rules and regulations should be adopted in the form of laws, to govern the appropriation, use and control of public water, and to authorize a continuous investigation and study of the water supply available to the State. Frequent measurement of the public water flowing in the streams together with the canal diversions furnishes a record which is used as a basis for determining the trend and limit of development. "Every drop of water entering a ditch, every drop escaping at the end of a canal is a matter of public concern." *Mead's Irrigation Institution.*

A record covering a long period of years is a necessary hindsight on which the future possibilities of Nebraska's water resources are determined. The State legislature should enact laws that will not interfere with the greatest beneficial return to the public and at the same time safeguard the rights of the appropriator. "The realization of this is well worth the struggle which will impose high demands upon our statesmanship and call for the exercise of an unselfish patriotism." *Mead's Irrigation Institution.*



## DESCRIPTION OF GAGING STATIONS

## PATHFINDER RESERVOIR

**Location**—The dam, constructed of granite masonry, is located in the channel of the North Platte River in Section 24, Township 29 N., Range 84 W., 3 miles below the mouth of the Sweet Water. Its capacity at spillway elevation 5,852 feet above mean sea level, is 1,070,000 acre feet, at which elevation it submerges an area of about 22,000 acres. The out-flow is measured one-quarter mile below the dam where a foot bridge has been installed.

**Elevation of Overflow Weir**—5852.00 feet mean sea level.

**Drainage Area**—10,700 square miles.

**Records Available**—May 1, 1909 to December 31, 1928.

**Gage**—Chain at left bank near foot bridge.

**Channel**—Very narrow and through solid granite.

**Observer**—Observations made and discharges furnished by the United States Bureau of Reclamation.

**Distance from Reservoir**—Approximately 0.25 mile.

## GUERNSEY RESERVOIR

The Guernsey Dam is located on the North Platte River near the north line of Section 27, Township 27 N., Range 66 W. It is about 1½ miles northwest of the town of Guernsey, Wyoming. The dam is 192 miles below the Pathfinder dam. Height 105 feet above river bed and 500 feet in length.

It is a sluiced gravel and rock fill structure, with the following capacities:

	Elevation		Acre Feet
50 ft. Level.....	4380.00	Zero Storage .....	11,270
90 ft. Level.....	4420.00	Total Storage .....	72,700
Top of dam.....	4426.00	Net Storage .....	61,430
North Spillway .....	4370.00		

The dam was constructed to regulate and store water for irrigation and to maintain a power head. The ultimate development of power will be 12,000 KVA.

## NORTH PLATTE RIVER AT WHALEN, WYOMING

**Location**—Section 11, Township 26 N., Range 65 W.

**Drainage Area**—16,300 square miles.

**Records Available**—May 1, 1909 to December 31, 1928.

Records of the river flow prior to May 1, 1909, were made from the Guernsey gaging station and are available from June 14, 1900 to November 17, 1908. Guernsey is about 8 miles above Whalen.

**Gage**—The discharges over the weir are determined by use of a vertical staff and computed by weir formula. In addition to this there are also sluice gates through which the discharge is computed. The

weir is constructed of concrete, 300 feet in length, and 12.5 feet in height above the river bed.

**Observer**—Observations made and discharge records furnished by the United States Bureau of Reclamation.

**Elevation**—Elevation of concrete weir is 4278.50 feet above mean sea level.

**Distance from Pathfinder**—200 miles.

#### NORTH PLATTE RIVER AT TORRINGTON, WYOMING

**Location**—Concrete highway bridge consisting of six 50-foot spans about one-half mile south of Torrington. In Section 15, Township 24 N., Range 61 W., 25 miles below mouth of Laramie River.

**Records Available**—April 1, 1926 to December 31, 1928.

**Gage**—A 2"x6"x8' timber spiked to the seventh piling west of the south end of the concrete bridge. On this timber are 6 porcelain sections subdivided into tenths and hundredths of a foot. House numbers of aluminum are nailed to the timber at the foot marks, numbering from 1 to 5. The 2-foot mark has a sea level elevation of 4,180. On the fourth piling of the south end of the bridge is fastened a 4"x4" timber painted white with porcelain sections fastened thereon. This was installed by the Wyoming Highway Engineer and sea level elevation was used. Each span of the bridge has a clear water way of 46.5 feet. A control of sheet piling was driven into the sand, the top of which is on grade with the bed of the river and parallel to the bridge at a distance of 35 feet east from the bridge.

**Observer**—Geo. F. Shelton, Torrington, Wyoming.

**Elevation**—Approximately 4,180 feet above mean sea level.

**Distance from Pathfinder**—230 miles.

#### NORTH PLATTE RIVER AT \*MORRILL, NEBRASKA

**Location**—Approximately 2 miles south of Morrill.

**Gage**—One wooden staff, 5 feet in length, fastened to first pier from north end and on down stream side of concrete bridge. The staff is held in a perpendicular position by 18-inch bolts, set in concrete. Concrete bridge consists of twelve 50-foot spans.

**Bench Marks**—Top of hand rail over north pier is 14.26 above "0" on gage. More bench marks will be established later.

**Observers**—V. Q. Corder to July 25, 1923; E. C. Gregory to July 31, 1923; Henry W. Havens, 1923-24.

**Channel**—The river channel is narrowed to 600 feet and widened above and below the bridge to about 1,500 or 2,000 feet.

**Accuracy**—Because of the collapsible dam of the Enterprise Irrigation Ditch the relation between the gage heights and daily discharges are not reliable and will not be published.

**Elevation**—3,980 feet.

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\*Gaging station abandoned.

## NORTH PLATTE RIVER AT MITCHELL, NEBRASKA

**Location**—At highway bridge in Section 27, Township 23 N., Range 56 W., 14 miles below the Wyoming-Nebraska State Line.

**Records Available**—From June 2, 1901 to July 10, 1913, and from April 18, 1916 to December 31, 1928.

**Gage**—5-foot wooden staff fastened to a pile about 15 feet east of the south end of a concrete bridge. The bridge consists of twelve 50-foot spans.

**Observer**—C. G. Waldo, Mail Carrier, Mitchell, Nebraska.

**Recorder**—A Stevens automatic recorder was placed in the housing constructed over the stilling well located on the south bank of the river about 50 feet east of the south end of the concrete river bridge.

**Elevation**—Approximately 3,945 feet above mean sea level.

**Distance from Pathfinder**—253 miles.

## NORTH PLATTE RIVER AT \*SCOTTSBLUFF, NEBRASKA

**Location**—At the highway bridge between Scottsbluff and Gering.

**Gage**—Enameled staff nailed to a pile about 15 feet up stream from the north end of the bridge.

**Bench Marks**—No bench mark data is at hand concerning these gages. However, they have been referred to bench marks and information concerning their location and datum will be on file in the office of the State Engineer.

**General**—Because of the extreme width of the river at this point in comparison to the depth a very small variation in height gives a large variation in discharge.

**Observer**—Carl Liljenstople.

**Elevation**—3,800 feet.

## NORTH PLATTE RIVER AT MINATARE, NEBRASKA

**Location**—West line of Section 18, Township 21 N., Range 53 W., 1 mile west and 1½ miles south of Minatare. Concrete bridge consisting of twelve 50-foot arches.

**Records Available**—From May 1916 to December 31, 1928, with the exception of the year 1920.

**Gage**—Vertical staff 5 feet in length fastened to second concrete pier from south end of bridge on the down stream side. Five 1-foot porcelain sections fastened to staff.

**Observer**—F. W. Smith and M. L. Kent, Minatare, Nebraska.

**Elevation**—Not known.

**Bench Marks**—The "0" point of gage is 13.51 feet below top of hand rail next to gage.

**Distance from Pathfinder**—270 miles.

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\*Gaging station abandoned.

## NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA

**Location**—In Section 28, Township 20 N., Range 50 W., one-half mile north of Bridgeport, on concrete highway bridge consisting of twenty-three spans of 30-foot clear water way.

**Records Available**—From May 1902 to 1906, and 1915 to December 31, 1928.

**Gage**—6-foot vertical staff fastened to east side of south abutment of concrete bridge and a vertical staff on inside of stilling well on north wall.

**Recorder**—Stevens Long Distance automatic recorder placed in housing over stilling well constructed on south bank of river, and attached to abutment wing of wood piling and planking. Old concrete well abandoned because of surging.

**Observer**—Office Engineer during freezing weather.

**Elevation**—Approximately 3,675 feet above mean sea level.

**Bench Marks**—The "0" of the gage is 18.75 feet below top of hand rail directly above the gage. The "0" of gage is also 15.18 feet below top of northwest corner of iron door frame of concrete stilling well. Long distance recorder has been in use since June 1927.

**Distance from Pathfinder**—293 miles.

## NORTH PLATTE RIVER AT \*BROADWATER, NEBRASKA

**Location**—At highway bridge approximately three-quarters of a mile south of Broadwater.

**Gage**—Wooden staff nailed to a pile in the abutment on the up stream side of the bridge at the north end. On July 5, 1924, new gage rod was fastened to bridge pile on down stream side about 600-foot mark from north end of bridge. The old gage rod, which was fastened to piling on north abutment of bridge, was destroyed.

**Bench Marks**—On nail driven in base of second telephone pole north of river on east side of highway. Elevation 100.34 feet. Top of bolt driven in ground 1 foot west of above described telephone pole. Elevation 100.00 feet. Elevation of "0" of gage 93.57.

**Observer**—Glen Haistons, 1923 and 1924. Observations discontinued July 28 on account of new bridge construction.

**Channel**—Straight for approximately 1 mile above and 1 mile below the gage section. The section has been narrowed somewhat by the construction of bridge approach of earth.

**Accuracy**—Very satisfactory results are obtainable at this station, considering the shifting condition of the sandy bed.

**General**—The width of the section is 1,800 feet making actual measurements fairly accurate.

**Elevation**—3,620 feet above sea level.

\*Gaging station abandoned.

## NORTH PLATTE RIVER AT LISCO, NEBRASKA

**Location**—At highway bridge about one-half mile south of Lisco.

**Observer**—J. A. Ray.

**General**—The river is narrow at this point, making actual measurements fairly accurate. Conditions are good, comparatively, for making daily estimates from gage heights.

**Gage**—Wooden staff nailed to pile on down stream side of the fifth bent from the south end of the bridge.

**Elevation**—3,490 feet.

## NORTH PLATTE RIVER AT OSHKOSH, NEBRASKA

**Location**—West line Section 2, Township 16 N., Range 44 W. Approximately 1 mile south of Oshkosh. Steel truss bridge consisting of seven 98-foot spans.

**Records Available**—From April 7, 1916 to October 30, 1917, and from March 1, 1928 to December 31, 1928.

**Gage**—7-foot vertical staff nailed to a 2"x6" plank which is bolted to the northeast corner of the first pier from the north end of the bridge.

**Observer**—Genn E. Mong, Oshkosh, Nebraska.

**Bench Marks**—The "0" point of gage is 9.05 feet below top of concrete pier directly above the gage.

**Distance from Pathfinder**—348 miles.

## NORTH PLATTE RIVER AT \*BELMAR, NEBRASKA

**Location**—Highway bridge south of Belmar.

**Gage**—Vertical staff nailed to the down stream pile of the north abutment of bridge.

**Observer**—James Pratt, 1923. C. H. Fairchild after April 22, 1924.

**General**—The river at this section is narrowed to 2,190 feet. Fairly accurate measurements are obtainable here.

**Elevation**—3,230 feet above sea level.

## NORTH PLATTE RIVER AT \*LEMOYNE, NEBRASKA

**Location**—In Section 20, Township 15 N., Range 30 W., wooden bridge 1,900 feet in length.

**Records Available**—April 5, 1926 to January 1, 1928.

**Gage**—April 5, 1926, a 5-foot wooden staff was fastened on the north side of west pile on the seventh bent from the north end of bridge. Zero of gage is 6.77 feet below top of floor girder directly above rod.

**Observer**—Buster Woolsey, Lemoyne, Nebraska.

**Elevation**—Approximately 3,185 feet above mean sea level.

**Bench Marks**—

\*Gaging station abandoned.

## NORTH PLATTE RIVER AT KEYSTONE, NEBRASKA

**Location**—At highway bridge approximately three-quarters of a mile southwest of Keystone.

**Gage**—Enameled staff nailed to the down stream pile of the south abutment.

**Observer**—Eugene Feltz, Keystone, Nebraska.

**General**—The river is very wide at this point and very shallow. During a large part of the summer construction work in repairing the bridge interfered with stream measurements. Hence, estimates have been made.

## NORTH PLATTE RIVER AT SUTHERLAND, NEBRASKA

**Location**—2½ miles north and one-half mile east of Sutherland, Nebraska, on public road between Sections 7 and 8, Township 14 N., Range 33 W.

**Gage**—Vertical staff fastened on piling on up stream side of north end of bridge.

**Observer**—A. B. Yates.

**Channel**—The river channel is narrowed to 700 feet in fourteen 50-foot sections, and widens to 2,700 feet, 2,000 feet below bridge. The channel of the river is forced toward the north and south, one-half striking the bridge at an angle of 80 degrees.

**Accuracy**—It is very difficult to obtain satisfactory results at this station due to the narrowing of the channel, and height of bridge making it hard to handle meter and lead.

**Elevation**—2,940 feet.

## NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA

**Location**—On concrete highway bridge consisting of 14 spans, one-half mile north of the city of North Platte in Section 28, Township 14 N., Range 30 W., approximately 4½ miles above the junction with the South Platte River.

**Records Available**—February 25, 1895 to December 31, 1928, excepting the year 1910.

**Gage**—A 4.5-foot vertical staff fastened to the first pier from south end of bridge, on the down stream side.

**Recorder**—A 6-inch steel pipe closed at the lower end extending about 2 feet below low water mark is fastened to the first pier from south end of bridge. A housing was constructed over the stilling well in which was installed a Stevens automatic recorder.

**Observer**—A. W. Shilling, Jr., North Platte, Nebraska.

**Elevation**—Approximately 2,800 feet above mean sea level.

**Bench Marks**—Two nails in each side of telephone pole on west side of road at the south end of the bridge 1 foot above the ground. Elevation of nails is 7.55 feet above "0" of gage.

**Distance from Pathfinder**—422 miles.

**SOUTH PLATTE RIVER AT JULESBURG, COLORADO**

**Location**—South of Julesburg and approximately 2 miles from the Nebraska-Colorado line. The river is divided into four channels, numbered "1", "2", "3", and "4", beginning with the south channel. Channel "1" and "2" are the principal channels. Channels "3" and "4" carry no water of consequence except during the flood periods. During floods the four channels become one channel.

**Records Available**—April, 1902 to November 14, 1906; May 12, 1908 to September 30, 1914; January 1, 1923 to December 31, 1928.

**Gages**—All channels are provided with chain gages on the down stream side of the bridge. Channels "1" and "2" are provided with staff gages. Channel "1" has a vertical staff and Channel "2" a sloping staff. Nebraska maintains a Stevens Continuous Automatic water level recorder in Channel "1" and Colorado maintains a Bristol Automatic Recorder in Channel "2."

**Observer**—C. N. Slusser, Julesburg, Colorado.

**Elevation**—

**Bench Marks**—

**SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA**

**Location**—Concrete bridge consisting of ten spans, 50 feet each, in Section 9, Township 13 N., Range 30 W., about 4 miles above its junction with the North Platte River.

**Records Available**—From June 1, 1914 to December 31, 1928.

**Gage**—A 6-foot vertical staff nailed to a 14-inch wooden pile farthest up stream on south bank jetty.

**Observer**—A. W. Shilling, Jr., North Platte, Nebraska.

**Elevation**—Approximately 2,800 feet above mean sea level.

**Bench Marks**—Elevation of hand rail northeast corner of bridge 109.58, elevation of "0" of rod 93.48. Elevation of spike in fifth telephone pole on north side of river 98.80.

**PLATTE RIVER AT GOTHENBURG, NEBRASKA**

**Location**—At highway bridge about one-half mile south of Gothenburg.

**Gage**—Gages in channels "1" and "2" are nailed to piles a little south of the center of each channel on the down stream side of the bridge. The gage in channel "3" is nailed to an ice breaker about one-third the distance across the channel from the north on the up stream side of the bridge.

**Observer**—August Sornow, mail carrier, Gothenburg.

**General**—Between the limits for which actual measurements for discharge have been taken the results from this station are good. However, gage heights ran below and above the range of actual measurements.

**Elevation**—2,561 feet.

## PLATTE RIVER AT \*LEXINGTON, NEBRASKA

**Location**—Highway bridge 2 miles south of Lexington, Section 20, Township 9 N., Range 21 W.

**Gage**—Vertical staff nailed to pile on revetment north end and up stream side of bridge.

**Bench Marks**—The datum used since 1922 bears no relation to the datum used in former years. July 23, 1921, established a Bench Mark on two 6d wire nails in top of old oak pile of old bridge. This pile is east pile on west side of north embankment opposite telephone pole No. 126 on north side of river. Nail was bent in driving. Elevation of nails is 100.00 feet. Elevation of "0" of rod is 89.58 feet. Elevation of top of west hand rail at station 0.10 of hydrographer's gaging marks is 103.98 feet.

**Observer**—Ray V. Duryea.

**Channel**—Straight at gaging station, reduced by construction of concrete bridge from a width of about 2,000 feet to a little over 800 feet.

**Records Available**—April 2, 1902 to November 30, 1906; April 13, 1916 to September 30, 1916; May 18, 1917 to October 31, 1917; May 2, 1918 to September 30, 1918; April 16, 1919 to October 31, 1919; April 10, 1920 to October 31, 1920; April 1, 1921 to November 22, 1921; April 1, 1922 to September 30, 1925.

**Drainage Area**—53,300 square miles.

**Winter Flow**—Ice causes back water during freezing weather.

## PLATTE RIVER AT OVERTON, NEBRASKA

**Location**—Concrete highway bridge consisting of 25 spans 35.5 feet center to center, four miles south of Overton.

**Records Available**—June 1918 to December 31, 1928, with the exception of the year 1924.

**Gage**—Gage rod is fastened to a 4"x6"x4' staff wired to first pier of bridge from north end, on east side. Elevation of "0" is 90.00 feet. Top of the post to which gage is attached is 91.95, top of concrete wheel guard on west side of bridge at north end is 100.00. Gage rod was lowered 2 feet on September 12, 1928, to avoid negative readings. After that date readings are based on the "0" elevation of 88.00 feet.

**Observer**—Nils Brunzell, Overton, Nebraska.

**Elevation**—Approximately 2,320 feet above mean sea level.

**Distance from Pathfinder**—490 miles.

## PLATTE RIVER AT \*ELM CREEK, NEBRASKA

**Location**—Two miles south of Elm Creek.

**Gage**—Standard chain and weight. Pulley is riveted to up stream hand rail of the first span from the north end of the bridge. The scale of the gage is painted on the hand rail. The chain and weight is secured

\*Gaging station abandoned.



in a box fastened to the panel post beneath the scale. Length of chain, 13.30.

**Bench Marks**—Standard U. S. G. S. bronze tablet 2 feet north of the north end of bridge, and 10 feet west of the center line of the bridge.

**Elevation**—2,266 feet.

**Observer**—C. E. Clark.

**General**—This station is on a bridge which narrows the Platte River from over 2,000 feet down to less than 1,000 feet. High water causes a discrepancy in the relation between gage height and discharge. When the siphon of Kearney Light & Power Co. is in operation the relation between gage height and discharge is affected. No change from datum given in 1915 records.

\*Gaging station abandoned.

#### PLATTE RIVER AT CENTRAL CITY, NEBRASKA

**Location**—Two and one-half miles south of Central City on concrete bridge consisting of sixteen 50-foot arches.

**Records Available**—April 21 to August 26, 1922; March 24 to December 31, 1923; January 1 to October 31, 1925; March 16 to September 30, 1926; March 15 to August 1, 1927.

**Gage**—Vertical wooden staff, 8 feet in length, fastened on first pier from north end of bridge on down stream side.

**Observer**—Geo. D. Greff, Central City, Nebraska.

**Elevation**—1,700 feet above mean sea level.

**Bench Marks**—Spike driven in north side of power transmission line pole 50 feet north of north end of earth fill, east side of highway approximately 1,500 feet from north end of bridge. Spike at bottom of groove cut in pole about 1 foot above ground. Elevation 1702.27 above sea level. Top of hand rail directly over gage staff is 1709.57. The "0" of gage is 1693.97; top of bolt which fastens staff to pier is 1699.97.

#### PLATTE RIVER AT COLUMBUS, NEBRASKA

**Location**—At Meridian bridge, 3 miles south of town on west line of Section 31, Township 17 N., Range 1 E., 5 miles above the mouth of the Loup River.

**Records Available**—From June 4, 1895 to September 30, 1914; June 15, 1928 to December 31, 1928.

**Drainage Area**—56,900 square miles.

**Gage**—Vertical wooden staff — feet in length fastened to first steel "I" beam south of the north end of the bridge on the down stream side. Six, 1-foot sections of porcelain rod with aluminum numbers for foot marks.

**Observer**—Chas. H. Bean, Columbus, Nebraska.

**Elevation**—

**Bench Marks**—U. S. G. S. standard bench mark with bronze cap. The bronze cap is located 22.1 feet northwest of top of west piling of first

steel span from the north bank. A willow tree is 43.0 feet northwest of bench mark. The elevation given by Mark O. Chamberlain, Duncan, Nebraska. One channel at high stage and several at low. At high stage the channel is 1966 feet from bank to bank.

#### PLATTE RIVER AT ASHLAND, NEBRASKA

**Location**—In Section 29, Township 13 N., Range 10 E., on highway bridge 3 miles northeast of Ashland. This bridge is steel, consisting of six spans.

**Records Available**—The station was started by the U. S. G. S. on August 20, 1928. Records are available from that date to December 31, 1928.

**Gage**—A box chain gage is bolted to a 4"x6" timber 10 feet in length. It is fastened to the down stream edge of bridge floor in the second span from the right bank of river. An enamel scale subdivided from "0" to 8.5 feet is fastened to the top of the 4"x6" timber.

**Observer**—R. W. Reim, United States Rifle Range, Ashland, Nebraska.

**Bench Marks**—Bench Mark No. 1 is two spikes driven in a 24-inch cottonwood tree located on right bank of stream; it is the one nearest the bridge on down stream side.

**Elevation**—Approximately 1,100 feet above mean sea level.

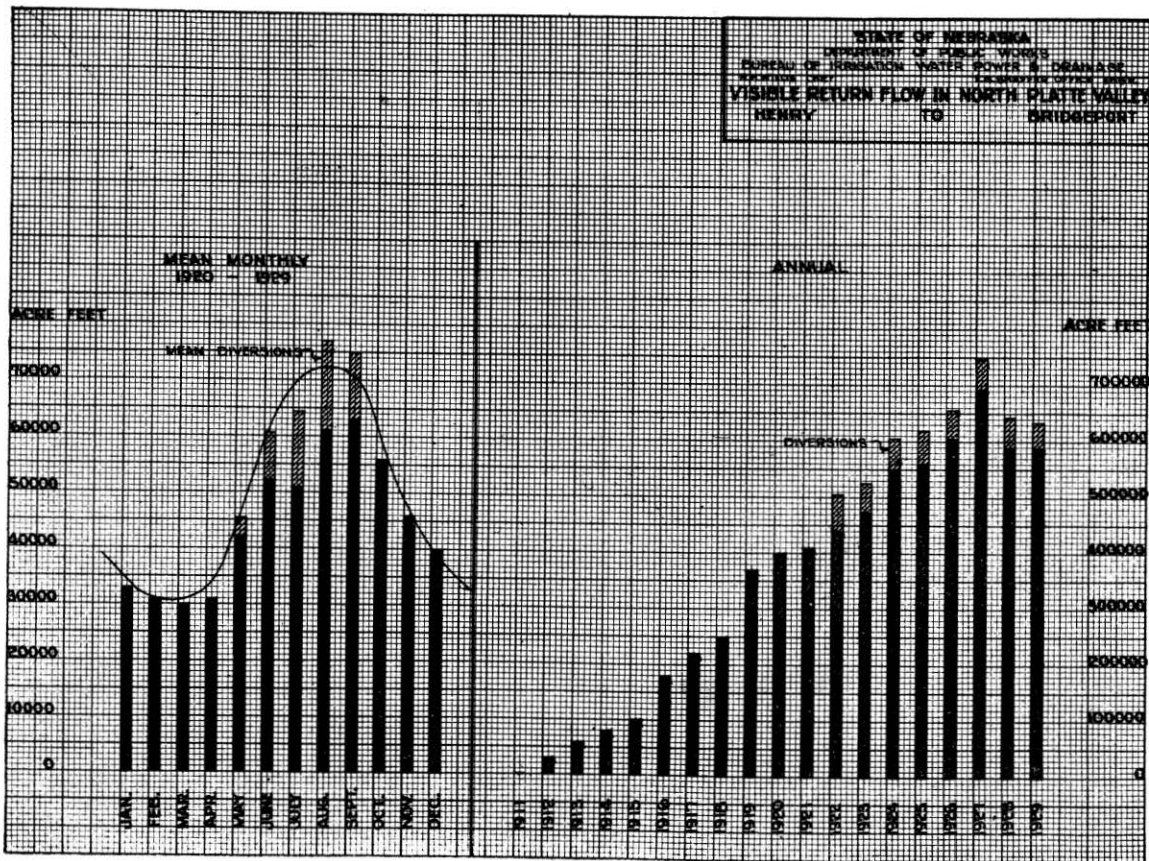


Fig. 4

Fig. 1

**ACTUAL DISCHARGE MEASUREMENTS AT REGULAR GAGING  
STATIONS ON THE NORTH PLATTE, SOUTH PLATTE  
AND PLATTE RIVERS**

**NORTH PLATTE RIVER AT WHALEN, WYOMING**

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-28	A. E. Johnston	1297.0	4.41	.....	5728.3
9-28	do	1281.0	3.58	.....	4588.1
<b>1924</b>					
9-16	Atkins and Johnston	.....	.....	.....	1624.0
10-14	A. E. Johnston	430.0	1.84	1.42	792.0

**NORTH PLATTE RIVER AT TORRINGTON, WYOMING**

<b>1919</b>					
4- 5	T. C. Palmer	268	2.15	3.00	576
4-23	do	345	2.20	3.35	760
4-29	do	638	2.50	4.20	1597
5- 7	do	583	2.45	4.00	1432
5-13	do	496	2.46	3.89	1222
6-17	do	922	2.95	5.05	2721
6-29	**J. K. Rohrer	.....	.....	5.01	2664
7-12	do	.....	.....	4.56	1988
7-22	do	.....	.....	4.40	1875
7-23	Palmer and Woodman	730	2.52	4.32	1842
7-30	do	733	2.83	4.55	2074
8- 8	J. K. Rohrer	.....	.....	4.50	1963
8-22	do	.....	.....	3.85	1444
9-19	do	.....	.....	3.85	1181
<b>1926</b>					
1-27	A. E. Johnston	192	3.00	0.65	578
2-24	do	382	2.52	.50	964
3-18	A. W. Hall	378	2.20	.55	834
4- 9	do	593	1.58	1.70	937
4-21	do	1123	4.04	3.88	4537
4-27	do	901	2.49	2.59	2265
5- 6	do	781	3.04	2.77	2383
5-20	do	768	3.04	2.46	2328
6- 2	do	1623	4.59	4.60	6753
6-23	do	1320	3.81	3.85	5014
7- 9	do	1341	3.82	4.15	5138
7-22	do	1057	3.24	3.30	3435
8-13	do	1238	3.50	3.85	4838
8-27	do	843	2.79	2.60	2343
9-15	do	786	2.58	2.55	2031
10- 6	A. E. Johnston	615	2.44	1.95	1505
10-27	A. W. Hall	441	1.96	1.52	868
11-29	do	459	2.42	1.65	1115
<b>1927</b>					
1- 6	A. W. Hall	464	2.44	1.75	1130
2- 1	do	403	2.36	1.72	963
2-23	do	422	2.38	1.55	1007
3-11	do	383	2.38	1.50	912

\*\*U. S. R. S. measurements.

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT TORRINGTON, WYOMING  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-30	A. E. Johnston	338	2.23	1.40	754
4-19	A. W. Hall	647	2.84	2.11	1834
4-25	A. E. Johnston	634	2.84	2.00	1794
5- 2	A. W. Hall	1146	3.56	3.42	4098
5-16	do	1335	4.24	4.30	5671
5-25	do	903	2.64	2.71	2388
6-16	do	922	3.61	2.92	3335
7- 7	do	798	4.32	3.10	3440
8- 4	do	1465	4.35	4.40	6392
8-25	do	808	2.46	2.20	1989
9- 6	do	661	2.71	2.29	1790
10-14	C. E. Franklin	371	2.50	.....	931
11- 8	A. W. Hall	408	2.36	1.65	967
11-23	do	455	2.50	1.79	1144
12-12	C. E. Franklin	331	2.06	1.80	631
<b>1928</b>					
1-11	C. E. Franklin	392	2.14	1.42	818
2-11	A. W. Hall	336	2.14	1.50	718
3-20	do	320	2.22	1.45	710
4- 6	do	572	2.92	2.25	1670
4-20	do	501	2.15	1.50	1070
5- 3	do	616	2.76	2.25	1700
5- 8	*Paul V. Hodges	.....	.....	2.68	2190
5-16	A. W. Hall	973	3.32	3.21	3238
5-23	do	1845	4.50	5.30	8290
6- 1	do	2421	5.18	6.35	12509
6-15	do	2084	4.59	5.89	9579
7- 6	do	979	2.38	2.45	2323
7-20	do	856	3.00	2.60	2572
8- 3	do	860	2.79	2.50	2400
8-16	do	860	2.61	2.65	2242
9- 5	do	856	2.58	2.35	2206
9-24	do	738	2.56	2.18	1889
10-10	C. E. Franklin	305	2.80	1.62	853
11- 8	do	265	3.15	1.65	839
11-27	do	229	3.00	1.55	688
12- 6	do	205	2.98	1.52	609

NORTH PLATTE RIVER AT HENRY, NEBRASKA  
CHANNEL NO. 1

<b>1916</b>					
4-22	D. P. Weeks, Jr.	66	1.72	3.33	114
5- 6	do	56	1.68	3.30	94
5-17	do	149	1.99	3.77	285
5-28	do	227	2.06	4.23	464
6- 7	do	141	1.96	3.96	277
6-11	L. E. Timbers	172	1.83	3.88	316
6-23	D. P. Weeks, Jr.	220	1.99	4.30	439
6-25	L. E. Timbers	174	2.20	4.10	383
7- 9	do	245	2.08	4.35	511

\* Measurements made by U. S. G. S.

# HYDROGRAPHIC REPORT—1928

23

## NORTH PLATTE RIVER AT HENRY, NEBRASKA CHANNEL NO. 1—Continued

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1916</b>					
7-15	D. P. Weeks, Jr.	230	1.77	4.50	470
8- 1	do	233	1.97	4.59	460
8-10	L. E. Timbers	258	2.05	4.78	530
8-17	D. P. Weeks, Jr.	231	2.15	4.67	498
8-22	do	165	2.09	4.30	346
8-30	L. E. Timbers	181	1.90	4.28	346
9- 2	do	196	1.93	4.36	380

### CHANNEL NO. 2

<b>1916</b>					
4-22	D. P. Weeks, Jr.	122	2.83	0.82	347
5- 6	do	120	2.52	.68	303
5-17	do	98	3.45	.99	340
5-28	do	146	3.65	1.28	529
6- 7	do	146	3.40	1.40	495
6-11	L. E. Timbers	186	3.60	1.40	671
6-23	D. P. Weeks, Jr.	140	3.26	1.07	457
6-25	L. E. Timbers	99	3.04	.95	301
7- 9	do	81	2.68	.65	217
7-15	D. P. Weeks, Jr.	78	2.71	.90	212
8- 1	do	84	2.50	.95	210
8-10	L. E. Timbers	129	3.24	1.20	419
8-17	D. P. Weeks, Jr.	100	3.04	1.28	303
8-22	do	42	2.94	.75	124
8-30	L. E. Timbers	72	2.28	.80	165
9- 2	do	80	1.87	.76	150

### CHANNEL NO. 3

<b>1916</b>					
4-23	D. P. Weeks, Jr.	122	2.83	0.82	347
5- 6	do	120	2.52	.68	303
5-17	do	98	3.45	.99	340
5-28	do	146	3.65	1.28	529
6- 7	do	146	3.40	1.40	495
6-11	L. E. Timbers	186	3.60	1.40	671
6-23	D. P. Weeks, Jr.	140	3.26	1.07	457
6-25	L. E. Timbers	99	3.04	.95	301
7- 9	do	81	2.68	.65	217
7-15	D. P. Weeks, Jr.	78	2.71	.90	212
8- 1	do	84	2.50	.95	210
8-10	L. E. Timbers	129	3.24	1.20	419
8-17	D. P. Weeks, Jr.	100	3.04	1.28	303
8-22	do	42	2.94	.75	124
8-30	L. E. Timbers	72	2.28	.80	165
9- 2	do	80	1.87	.76	150

### SPRING CREEK CHANNEL

<b>1916</b>					
4-22	Weeks and Timbers	8	1.31	3.12	11
5- 6	D. P. Weeks, Jr.	8	1.16	3.14	9
5-17	do	20	.56	3.74	11
5-28	Weeks and Timbers	40	1.14	4.12	46

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT HENRY, NEBRASKA  
SPRING CREEK CHANNEL—Continued

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1916</b>					
6- 7	D. P. Weeks, Jr.	22	1.62	3.79	35
6-11	L. E. Timbers	23	1.16	3.68	27
6-23	D. P. Weeks, Jr.	36	.89	4.15	31
6-25	L. E. Timbers	29	1.30	4.00	38
7- 9	do	38	1.30	4.15	50
7-15	D. P. Weeks, Jr.	38	1.05	4.40	40
8- 1	do	29	1.19	4.34	34
8-10	L. E. Timbers	51	1.31	4.62	67
8-17	D. P. Weeks, Jr.	36	1.32	4.55	47
8-22	do	22	1.56	4.22	34
8-30	L. E. Timbers	26	1.40	4.20	37
9- 2	do	27	1.34	4.24	37
<b>1919</b>					
7-22	Woodman and Palmer	173	2.00	.....	347
8-15	T. C. Palmer	114	2.22	.....	476
9- 1	Woodman and Palmer	115	1.61	.....	185
9-10	T. C. Palmer	333	1.53	.....	51
<b>1922</b>					
9-11	Palmer and Easterday	554	1.98	.....	1075
<b>1924</b>					
7-22	A. W. Hall	1662	2.00	.....	3482

## NORTH PLATTE RIVER AT MORRILL, NEBRASKA

<b>1917</b>					
5- 1	S. A. Swanson	1112	2.10	3.17	2344
5-10	do	891	2.34	3.17	2078
5-17	do	1971	2.88	4.38	5733
5-28	do	2601	3.31	5.29	8629
6- 8	do	3623	3.74	5.78	13574
6-13	do	3584	3.26	5.40	12687
6-21	do	3877	4.22	6.00	16465
6-25	**J. K. Rohrer	.....	.....	6.25	19003
6-29	S. A. Swanson	4496	3.94	6.27	17743
7- 6	do	3566	3.10	5.53	14471
7-12	do	2611	3.67	4.68	9608
7-24	do	1630	3.27	3.70	5335
8-17	D. P. Weeks, Jr.	798	2.39	2.70	1908
8-29	do	704	2.29	2.55	1619
<b>1919</b>					
4-24	T. C. Palmer	403	2.06	1.80	834
4-30	do	615	2.59	2.25	1596
5- 8	do	655	2.53	2.30	1660
5-14	do	384	2.31	1.79	886
5-21	do	321	1.92	1.70	617
6-12	do	818	2.49	2.80	2043
6-18	do	659	2.22	2.55	1465
6-25	do	690	2.32	2.70	1605
7- 2	do	501	2.18	2.50	1093

\*\*U. S. R. S. measurements.

NORTH PLATTE RIVER AT MORRILL, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
7-23	Palmer and Woodman	209	1.75	1.90	365
7-30	do	280	1.68	2.10	472
8- 2	T. C. Palmer	639	1.99	2.60	1277
8- 8	do	411	1.87	2.30	770
8-15	do	282	1.68	2.05N .60S	474
8-20	do	330	1.83	2.16N .70S	602
8-27	do	198	1.72	1.90N .36S	340
8-28	do	195	1.60	1.90N .35S	311
9- 2	do	165	1.47	1.80N .30S	243
9- 9	do	157	1.51	1.80N .32S	237
9-24	do	492	2.22	2.45N 1.35S	1094
10- 1	do	502	2.18	2.32N 1.00S	1091
10- 8	do	556	2.20	2.35N 1.20S	1225
10-21	do	563	2.39	2.26N 1.05S	1348
10-30	do	596	2.42	2.32N 1.05S	1443
11- 6	do	479	2.31	2.10N .80S	1106
<b>1920</b>					
1- 3	T. C. Palmer	282	2.80	1.80	788
3-24	do	471	2.23	2.00	1051
4-30	Palmer and Baumgartner	799	2.54	2.45	2033
5-17	T. C. Palmer	2665	3.58	4.40	9549
5-18	do	2335	3.44	4.13	8027
5-19	do	2364	3.28	4.05	7753
6-11	do	2318	3.63	3.97	7422
6-19	do	3302	3.58	5.15	11829
6-30	do	2180	3.13	3.85	6816
7-15	do	1181	2.71	3.10	3201
7-28	do	805	2.28	2.78	1834
8-17	do	649	2.26	2.55	1467
8-26	do	479	2.08	2.50	398
9- 7	do	729	2.36	2.80	1719
9-16	do	421	2.23	2.35	939
9-27	do	335	1.95	1.87	656
11- 9	do	555	2.39	2.20	1325

N—North Channel

S—South Channel



## STATE OF NEBRASKA

NORTH PLATTE RIVER AT MORRILL, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
4-12	T. C. Palmer	410	1.99	1.25	818
4-18	do	385	2.00	1.05	670
4-19	do	297	1.88	1.00	560
4-19	do	380	2.22	1.22	844
4-20	do	747	2.53	2.05	1837
4-29	do	974	2.55	2.15	2487
5-12	do	758	2.38	1.90	1802
6- 7	Palmer and Atkins	2668	3.96	3.97	10574
8-10	T. C. Palmer	924	2.47	2.85	2290
8-19	do	476	1.96	2.30	935
8-30	do	383	2.18	2.10	834
9-27	do	629	2.49	1.70	1563
10- 6	do	642	2.67	2.15	1714
10-27	do	486	2.70	1.65	1311
11- 9	do	550	2.36	1.55	1297
11-30	do	403	2.39	1.45	962
<b>1922</b>					
3-21	T. C. Palmer	653	2.07	1.70	1359
4- 6	do	407	1.97	1.30	800
5- 3	do	416	1.91	1.30	798
5- 9	do	773	2.05	1.97	1590
5-18	do	1775	4.00	4.00	7098
5-24	do	1502	3.72	3.45	5691
6- 3	do	1377	3.71	3.30	5107
6- 7	do	1044	2.91	2.60	3144
6-13	do	665	2.24	1.65	1488
7-13	do	658	2.31	2.00	1519
7-20	do	474	1.64	1.55	778
8-14	A. E. Johnston	390	1.74	1.77	680
8-23	T. C. Palmer	407	1.53	1.60	626
8-31	do	566	1.94	2.00	1102
9-12	Finley and Palmer	146	1.29	1.18	188
9-18	T. C. Palmer	276	1.33	1.35	367
9-27	do	249	1.54	1.25	384
10- 4	A. E. Johnston	198	1.58	1.35	313
11-16	do	570	1.91	1.52	1092
12-27	do	446	1.85	1.30	827
<b>1923</b>					
1-24	A. E. Johnston	416	1.75	1.25	732
3- 8	do	367	1.86	1.20	683
4- 4	do	525	1.92	1.60	1009
4-27	do	736	2.00	1.90	1461
5-10	Ketcham and Johnston	895	2.33	2.25	2084
5-30	E. F. Ketcham	892	2.32	2.25	2073
6-14	do	1433	2.80	3.30	4019
6-24	do	1048	2.34	2.60	2453
7-10	A. E. Johnston	670	1.68	2.10	1129
7-27	do	1376	2.89	3.40	3979
8-15	E. F. Ketcham	877	2.16	2.20	1895

## NORTH PLATTE RIVER AT MORRILL, NEBRASKA

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
8-27	A. E. Johnston	592	0.18	1.90	1094
9-19	A. H. Atkins	675	1.99	2.10	1347
9-22	do	709	2.08	2.30	1476
10- 1	A. E. Johnston	2486	3.44	4.90	8567
10- 9	A. H. Atkins	929	2.04	2.10	1901
10-25	A. E. Johnston	577	2.51	1.70	1449
11- 5	A. H. Atkins	764	2.01	1.65	1538
11-16	A. E. Johnston	574	2.60	1.70	1496
11-20	A. H. Atkins	754	1.82	1.63	1374
12- 4	do	678	1.62	1.40	1104
<b>1924</b>					
2-15	A. E. Johnston	520	2.27	1.50	1184
2-20	do	432	2.08	1.35	902
4-10	do	1819	3.83	4.20	6976
5- 8	do	2701	4.50	4.80	12165
6- 9	do	1569	3.31	3.05	5200
7- 2	do	1236	2.48	2.65	3073
7- 8	do	929	2.82	2.45	2801
7-21	A. W. Hall	1070	2.00	2.50	2149
7-28	C. G. Hrubesky	1185	2.08	2.30	2472
8-12	do	1050	2.00	2.60	2096
8-29	do	585	2.02	2.10	1198
9-17	Johnston and Atkins	802	2.31	2.40	1854
<b>1925</b>					
5-21	A. W. Hall	980	2.41	1.80	2331
<b>NORTH PLATTE RIVER AT MITCHELL, NEBRASKA</b>					
<b>1917</b>					
5- 3	S. A. Swanson	1031	2.10	3.08	2153
5- 9	do	979	2.06	2.94	2015
5-18	do	2113	2.67	4.22	5641
5-24	do	2259	3.02	4.43	6821
6- 7	do	4024	3.87	5.62	15568
6-12	do	3484	3.31	5.08	12654
6-22	do	4172	3.75	5.80	15681
6-29	do	4711	3.88	6.30	18276
7- 6	do	3964	4.07	5.65	16121
7-12	do	2621	3.49	4.42	9157
7-23	do	2058	2.92	3.92	6016
7-30	do	1271	2.50	3.30	3186
8- 2	**J. K. Rohrer	.....	.....	2.95	2772
8-11	S. A. Swanson	1392	1.97	2.90	2731
8-20	D. P. Weeks, Jr.	742	2.19	2.51	1793
9-21	**J. K. Rohrer	.....	.....	2.80	2098

\*\*U. S. R. S. measurements.

NORTH PLATTE RIVER AT MITCHELL, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
4-19	Flynn and Palmer	921	2.14	.....	1972
5-14	Wade Flynn	2423	2.93	3.84	7096
6-20	do	1716	2.51	3.35	4314
6-25	do	3447	3.57	4.85	12312
7-11	do	869	2.22	2.50	1931
7-23	do	1377	2.32	2.96	3208
8-15	do	1042	1.21	2.80	2305
8-29	do	479	1.71	2.40	821
<b>1920</b>					
3-24	T. C. Palmer	522	2.17	1.65	1135
4-30	Baumgartner and Palmer	822	2.36	2.10	1939
5-17	T. C. Palmer	2691	3.33	3.72	8858
5-18	do	2026	3.65	3.56	7403
5-19	do	1998	3.55	3.36	7101
6-11	do	1797	3.18	3.12	5727
6-30	do	1890	3.32	3.05	6280
7-13	do	.....	.....	1.90	2783
7-15	do	1061	2.67	1.85	2828
7-28	do	671	2.53	1.60	1698
8-17	do	531	2.37	1.40	1259
8-18	do	529	2.32	1.35	1224
8-27	do	358	2.10	1.03	752
8-26	do	374	2.33	1.05	870
9- 9	do	577	2.39	1.30	1376
9-16	do	444	2.18	1.00	969
9-24	J. K. Rohrer	.....	.....	.70	583
9-27	T. C. Palmer	247	2.14	.82	529
11- 9	do	561	2.41	1.30	1353
<b>1921</b>					
3- 8	T. C. Palmer	582	2.14	1.45	1244
3-24	do	473	2.13	1.05	1004
4-12	do	420	2.01	.90	843
4-20	do	725	2.29	1.75	1658
4-29	do	1046	2.35	2.15	2462
5-11	do	744	2.40	1.85	1784
6- 7	Palmer and Atkins	2219	3.37	3.90	7475
6- 8	do	2653	3.55	4.25	9404
6-21	T. C. Palmer	7579	3.05	5.78	22963
7- 6	do	984	3.30	1.30	3252
7-11	J. K. Rohrer	.....	.....	1.00	2570
7-22	A. H. Atkins	943	3.08	1.42	2908
8- 9	T. C. Palmer	933	2.94	1.30	2740
8-19	do	473	2.47	.80	1174
8-30	do	406	2.06	.30	833
9-27	do	647	2.52	.70	1630
10- 6	do	654	2.51	.82	1642
10-27	do	601	2.24	.65	1347
11- 9	do	494	2.30	.45	1138
11-30	do	404	2.26	.35	912

## NORTH PLATTE RIVER AT MITCHELL, NEBRASKA

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
3-22	T. C. Palmer	624	2.23	0.75	1394
4- 7	do	381	2.03	.52	772
5- 3	do	446	1.86	.50	831
5-10	do	979	2.95	1.90	2891
5-18	do	1875	3.67	3.25	6889
5-24	do	1710	2.94	2.75	5034
6- 3	do	1540	3.41	2.75	5246
6- 7	do	996	3.14	2.21	3124
6-14	do	598	2.68	1.50	1606
7-14	do	569	2.45	1.50	1394
7-21	do	270	1.99	.80	537
8-14	A. E. Johnston	389	1.89	1.15	703
8-24	T. C. Palmer	231	1.91	.70	441
8-31	do	536	2.32	1.10	1245
9-13	Palmer and Easterday	169	1.59	.39	269
9-18	T. C. Palmer	284	1.79	.60	509
9-27	do	258	1.88	.63	485
10- 5	A. E. Johnston	214	1.03	.55	412
12-28	do	408	2.17	.95	888
<b>1923</b>					
1-24	A. E. Johnston	421	1.89	0.85	799
3- 9	do	370	1.88	.90	696
4- 5	do	466	2.11	1.30	983
4-27	do	686	2.28	1.50	1565
5-10	Ketcham and Johnston	840	2.31	1.75	1944
5-30	E. F. Ketcham	898	2.38	1.85	2144
6-14	do	1761	2.34	2.60	4138
6-25	do	907	2.37	1.80	2155
7-10	A. E. Johnston	461	1.99	1.30	921
7-27	do	1584	3.12	2.90	4951
8-16	E. F. Ketcham	843	2.20	2.10	1846
8-27	A. E. Johnston	524	.21	1.40	1148
9-19	A. H. Atkins	646	2.36	1.40	1525
9-22	do	807	1.94	1.60	1572
10- 2	A. E. Johnston	2032	2.81	3.25	5723
10-10	A. H. Atkins	1265	2.06	1.70	2610
10-25	A. E. Johnston	605	2.26	1.40	1369
11- 6	A. H. Atkins	934	1.67	1.35	1566
11-16	A. E. Johnston	678	2.50	1.50	1639
11-20	A. H. Atkins	669	2.14	1.40	1437
12- 4	do	526	2.11	.90	1113
<b>1924</b>					
2-16	A. E. Johnston	583	2.39	1.50	1400
3-20	do	473	2.17	1.30	1027
4-11	do	2012	3.00	3.10	6046
5- 9	do	2677	3.86	3.80	10350
6-10	do	1706	2.98	2.70	5085
7- 3	do	1080	2.57	1.95	2785
7- 9	do	923	2.51	1.80	2324

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT MITCHELL, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
7-22	A. W. Hall	880	2.30	1.75	2082
7-26	C. G. Hrubesky	894	2.40	1.60	2147
8-11	do	987	2.15	1.70	2127
8-30	A. E. Johnston	570	2.40	1.30	1363
9- 5	C. G. Hrubesky	715	2.04	1.50	1483
10- 1	A. E. Johnston	960	2.10	1.55	1805
10-13	do	797	2.33	1.70	1854
10-30	do	979	2.24	1.70	2187
11-21	do	541	2.22	1.30	1204
12-15	do	570	2.42	1.20	1377
<b>1925</b>					
2- 3	A. E. Johnston	558	2.31	1.35	1286
3- 4	do	470	2.28	1.10	1075
4- 3	do	491	2.20	1.15	1078
4-21	Johnston and Franklin	441	2.00	1.10	883
5- 5	A. W. Hall	214	1.22	.62	262
5-20	do	1395	2.38	2.15	3303
6- 5	do	200	1.75	.....	350
6-19	do	396	1.80	.68	714
7- 1	do	293	1.72	.50	503
7-21	do	461	1.75	1.00	810
7-31	do	1118	2.13	1.90	2381
8-21	A. E. Johnston	757	2.92	1.50	1830
9- 3	A. W. Hall	320	1.60	.95	512
9-29	A. E. Johnston	1480	1.09	1.40	1609
10-20	do	556	2.10	1.30	1168
11-14	do	492	2.30	1.30	1133
12- 2	do	498	2.15	1.30	1082
<b>1926</b>					
1-26	A. E. Johnston	.....	.....	1.85	Ice.
2- 5	do	530	2.32	1.70	1229
2-25	do	534	2.14	1.35	1142
3-18	A. W. Hall	665	2.06	1.30	1373
4- 8	do	725	1.95	1.46	1416
4-21	do	1584	2.54	2.75	4083
4-27	do	1164	2.42	2.09	2801
5- 5	do	1012	2.34	2.00	2378
5-19	do	533	1.85	1.30	982
6- 2	do	1874	3.23	3.05	6057
6-22	do	1723	3.56	3.10	6142
7- 8	do	1258	2.90	2.40	3647
7-21	do	1051	2.56	2.00	2647
8-13	do	1165	2.67	2.30	3114
8-26	do	617	2.44	1.50	1590
9-11	do	816	1.86	1.65	1718
10- 5	A. E. Johnston	921	2.59	1.80	2301
10-26	A. W. Hall	720	2.62	1.45	1263
11-29	do	734	2.16	1.50	1581

NORTH PLATTE RIVER AT MITCHELL, NEBRASKA  
 (Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
1- 8	A. W. Hall	598	2.36	1.55	1409
2-23	do	712	2.12	1.50	1651
3-10	do	613	2.13	1.30	1305
3-29	A. E. Johnston	567	2.02	1.30	1149
4-19	A. W. Hall	1086	2.90	2.00	3118
4-23	A. E. Johnston	1055	2.70	2.00	2858
4-26	do	919	2.74	1.85	2529
5- 3	A. W. Hall	1463	3.06	2.50	4481
5- 7	do	1893	3.31	3.15	6249
5-26	do	969	2.41	1.75	2415
6-17	do	1151	2.92	2.17	3372
7- 7	do	1164	3.01	2.10	3502
7-14	do	485	2.92	1.29	1418
8- 3	do	1407	3.52	2.85	4999
8-25	do	437	2.50	1.30	1091
9- 6	do	481	2.05	1.25	1098
10-18	C. E. Franklin	1362	2.76	2.55	3761
11- 8	A. W. Hall	679	2.32	1.45	1645
11-22	do	7280	2.25	1.60	1636
<b>1928</b>					
2-10	A. W. Hall	547	2.00	1.40	1091
2-19	do	501	1.97	1.30	988
4- 6	do	851	2.31	1.75	1972
4-18	do	539	2.08	1.35	1123
5- 4	do	742	2.17	1.55	1612
5-17	do	946	2.57	1.95	2430
5-24	do	1975	3.19	3.55	6278
6- 2	do	2683	3.56	4.13	9581
6- 7	do	3328	3.97	4.70	13347
6-30	do	1646	2.76	2.65	4547
7- 6	do	753	2.20	1.60	1661
7-14	do	473	2.10	1.20	995
7-20	do	688	2.06	1.35	1412
8- 3	do	862	2.06	1.56	1776
8-15	do	539	1.88	1.18	1014
9- 6	do	546	2.07	1.20	1130
9-25	do	481	1.96	1.10	944
10-18	C. E. Franklin	253	1.95	.87	493
11- 8	do	647	2.13	1.34	1378
11-27	do	523	1.92	1.25	1105
12- 7	do	582	2.18	1.32	1266

## NORTH PLATTE RIVER AT SCOTTSBLUFF, NEBRASKA

<b>1917</b>					
5- 1	Swanson and Willis	1533	2.06	2.39	3185
5- 9	S. A. Swanson	1070	1.95	2.33	2086
5-18	do	2808	2.26	3.06	6359
5-30	do	3647	2.86	3.60	10458
6- 9	do	4164	3.21	4.05	13364
6-15	do	4321	3.16	4.07	13660

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT SCOTTSBLUFF, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1917</b>					
6-24	Swanson and Liljenstolpe	5217	3.44	4.33	17953
7- 2	S. A. Swanson	5179	3.63	4.38	18819
7- 9	do	3719	3.36	3.57	12517
7-15	do	2896	3.16	3.19	9161
7-25	do	1571	2.54	2.47	3999
8- 3	**J. K. Rohrer	.....	.....	2.22	2880
8-21	D. P. Weeks, Jr.	988	2.38	2.01	2351
8-28	do	786	2.36	2.04	1857
9-22	**J. K. Rohrer	.....	.....	2.22	2532
<b>1918</b>					
4-19	Flynn and Palmer	984	2.12	1.92	2085
5-13	Wade Flynn	2905	2.49	2.95	7249
5-25	do	1622	2.26	2.31	3668
6-26	do	3709	2.65	3.45	9851
7-10	do	1141	1.82	2.11	2087
7-22	do	1466	2.06	2.38	2037
7-30	do	1451	1.93	2.24	2804
8- 5	Palmer and Noskey	1070	2.02	2.05	2165
8-14	Wade Flynn	914	1.62	2.03	1479
8-20	do	1104	1.86	2.13	2061
8-28	do	580	1.61	1.81	334
9- 5	do	607	1.60	1.77	971
9-14	do	787	1.84	1.96	1453

## NORTH PLATTE RIVER AT MINATARE, NEBRASKA

<b>1917</b>					
5- 8	S. A. Swanson	1331	1.92	2.80	2535
5-15	do	1310	2.01	2.84	2639
5-23	do	3262	2.87	3.71	9336
6- 6	do	4295	3.63	4.22	15616
6-14	do	3709	3.30	4.18	12292
6-22	do	4318	3.48	4.40	15056
7- 2	do	4982	3.74	4.70	18629
7-17	do	2843	2.67	3.67	7614
8- 4	**J. K. Rohrer	.....	.....	2.55	3196
8-22	D. P. Weeks, Jr.	814	2.33	2.38	1908
9-24	**J. K. Rohrer	.....	.....	2.60	2474
<b>1918</b>					
5-11	Wade Flynn	2753	2.57	3.48	7095
5-24	do	1234	2.00	2.50	2476
6- 8	do	2221	2.27	3.19	5054
6-19	do	1896	2.08	2.88	3953
6-27	do	3185	2.58	3.65	8230
7-10	do	1304	1.85	2.50	2423
7-20	do	1575	2.01	2.72	3181
7-31	do	1363	1.96	2.60	2673
8- 3	T. C. Palmer	1050	1.96	2.50	2062
8-13	Wade Flynn	954	1.80	2.28	1723
8-27	do	624	1.54	2.10	967
9- 6	do	598	1.50	2.10	899
9-13	do	765	1.76	2.30	1371

\*\*U. S. R. S. measurements.

## NORTH PLATTE RIVER AT MINATARE, NEBRASKA

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
5- 1	T. C. Palmer	1006	1.87	2.40	1888
5- 9	do	1023	1.83	2.38	1872
5-15	do	774	1.72	2.20	1333
5-22	do	627	1.54	2.20	964
5-30	do	818	1.70	2.22	1393
6-12	do	1218	1.91	2.59	2334
6-20	do	1264	2.04	2.65	2585
6-26	do	884	1.72	2.30	1519
7-21	do	411	1.48	2.00	608
8- 1	do	398	1.48	2.05	590
8- 3	do	575	1.65	2.10	949
8-28	do	345	1.22	2.00	423
9- 4	do	341	1.24	1.98	421
9-11	do	397	1.29	2.03	515
9-26	do	887	1.79	2.40	1566
10- 2	do	837	1.76	2.38	1473
10-18	do	938	1.83	2.45	1713
<b>1921</b>					
3-23	T. C. Palmer	504	2.30	1.05	1158
4- 7	do	415	2.49	.95	1036
4-11	do	497	2.04	1.02	1013
4-20	do	513	2.96	1.32	1518
4-28	do	880	2.97	1.50	2618
5-13	do	684	2.65	1.20	1813
5-28	do	1104	2.93	1.60	3240
6- 3	do	1127	3.27	1.70	3689
6- 6	Palmer and Atkins	1859	3.92	2.40	7290
6- 9	do	2480	4.96	3.10	12300
<b>1922</b>					
3-23	T. C. Palmer	270	2.09	1.00	1614
4- 7	do	614	2.20	.95	1326
5- 5	do	568	1.66	.90	947
5-20	do	2681	3.81	2.70	10212
5-25	do	2232	3.80	2.05	6705
5-29	do	2624	3.33	2.35	8745
6- 8	do	1434	3.04	1.40	4364
6-15	do	674	2.71	.85	1830
7- 3	do	1113	2.62	1.30	2938
7-15	do	797	2.11	1.05	1686
7-22	do	305	1.80	.65	550
7-25	do	619	1.91	.85	1186
8- 2	A. E. Johnston	1162	2.56	1.35	2985
8-25	T. C. Palmer	333	1.64	.55	548
8-30	McPherrren and Palmer	414	1.53	.60	637
9-14	Palmer and Easterday	151	2.77	.48	418
9-16	T. C. Palmer	402	1.69	.55	682
9-19	do	360	1.84	.55	662
9-28	do	471	1.59	.70	752
10- 5	A. E. Johnston	544	1.74	.80	950



## STATE OF NEBRASKA

NORTH PLATTE RIVER AT MINATARE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
1-23	A. E. Johnston	472	2.24	1.00	1062
3-7	do	335	1.99	1.10	669
4-3	do	628	2.20	1.30	1381
4-28	do	889	2.41	1.50	2140
5-12	Ketcham and Johnston	962	2.59	1.45	2490
5-26	E. F. Ketcham	1766	3.39	2.45	5986
6-13	do	1637	3.00	2.35	4913
6-25	do	1183	2.12	1.45	2508
7-11	A. E. Johnston	1278	2.45	1.75	3143
7-24	do	1337	2.25	1.87	3919
8-17	E. F. Ketcham	1033	2.51	1.80	2597
8-28	A. E. Johnston	732	2.14	1.00	1571
9-19	A. H. Atkins	809	2.09	1.45	1698
9-23	do	1046	2.07	1.60	2174
10-3	A. E. Johnston	2125	2.97	2.50	6225
10-10	A. H. Atkins	1338	2.07	1.60	2773
10-27	A. E. Johnston	1000	2.28	1.20	2286
11-7	A. H. Atkins	869	2.03	1.30	1768
11-17	A. E. Johnston	880	2.52	1.25	2224
11-21	A. H. Atkins	785	2.23	1.20	1758
12-5	do	727	1.88	1.05	1373
<b>1924</b>					
2-13	A. E. Johnston	719	2.19	1.40	1577
3-18	do	651	1.89	1.15	1234
4-9	do	1751	3.34	2.50	5852
4-16	do	1758	3.21	2.65	5656
5-9	do	2553	3.94	3.15	10083
5-17	do	2262	3.73	2.85	8459
6-11	do	1835	2.69	2.30	4948
7-1	do	1320	2.80	1.95	3702
7-10	do	993	2.42	1.25	2493
7-25	C. G. Hrubesky	1043	2.13	1.30	2231
8-9	do	778	2.43	1.20	1911
8-23	A. E. Johnston	778	1.90	1.05	1480
9-4	C. G. Hrubesky	817	2.01	1.10	1648
9-19	A. E. Johnston	1076	2.90	1.80	3118
10-16	do	849	2.56	1.88	2177
10-28	do	817	3.08	1.45	2501
11-19	do	720	2.37	1.15	1703
12-15	do	672	2.04	1.10	1367
<b>1925</b>					
2-2	A. E. Johnston	841	2.20	2.40	1854
3-2	do	684	2.16	1.15	1481
3-31	do	650	1.94	1.07	1282
4-20	Johnston and Franklin	546	2.17	1.05	1183
5-5	A. W. Hall	322	1.59	.63	448
5-19	do	1937	2.96	2.54	5744
6-4	do	299	1.58	.50	474
6-18	do	937	1.72	1.17	1616
6-30	do	519	1.59	.65	826

NORTH PLATTE RIVER AT MINATARE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
7-21	A. W. Hall	592	1.85	1.00	1095
7-30	do	995	2.12	1.57	2124
8-29	A. E. Johnston	939	2.55	1.55	2394
8-10	A. W. Hall	681	1.56	1.00	1067
9- 1	do	535	1.80	.90	968
9-30	A. E. Johnston	819	2.72	1.60	2200
10-23	do	721	2.41	1.25	1740
11-12	do	606	2.10	1.29	1459
12- 1	do	598	2.38	1.29	1421
<b>1926</b>					
1-28	A. E. Johnston	.....	.....	1.45	Ice.
2- 4	do	653	2.43	1.45	1593
2-23	do	618	2.21	1.21	1368
3-13	C. E. Franklin	812	2.14	1.32	1738
3-27	do	589	1.94	1.30	1143
4-10	do	627	2.15	1.29	1350
4-22	A. W. Hall	1620	3.16	2.50	5144
4-24	C. E. Franklin	1621	2.84	2.29	4605
5- 5	do	1113	2.48	1.67	2779
5-22	do	613	2.12	1.16	1302
6- 1	A. W. Hall	1924	3.32	2.83	6420
6- 4	C. E. Franklin	1764	3.24	2.48	5700
7- 7	do	1210	3.40	2.95	4104
7-28	do	1254	3.84	1.72	3260
8-10	A. W. Hall	922	2.38	1.25	2197
8-17	do	1085	2.28	1.56	2712
8-30	C. E. Franklin	494	1.90	.81	938
10- 1	A. W. Hall	919	2.51	1.45	2309
10- 8	do	918	2.57	1.40	2358
10-25	do	666	2.15	1.29	1429
11-27	do	853	2.31	1.45	1972
<b>1927</b>					
1- 8	A. W. Hall	856	2.14	1.55	1835
1-26	do	.....	.....	2.80	Ice.
2-22	do	.....	.....	1.45	Ice.
2-24	do	.....	.....	1.49	Ice.
3-10	do	616	2.32	1.20	1431
4- 1	A. E. Johnston	842	2.48	1.45	2086
4- 7	C. E. Franklin	906	2.35	1.57	2135
4-18	A. W. Hall	1158	2.74	1.74	3178
4-22	A. E. Johnston	1230	3.13	1.90	3761
4-24	C. E. Franklin	1096	2.79	1.89	3055
4-27	A. E. Johnston	1046	2.70	1.65	2825
5- 3	A. W. Hall	1689	2.83	2.16	4779
5-10	C. E. Franklin	1450	3.00	2.08	4386
5-17	A. W. Hall	1965	3.50	2.55	6893
5-21	C. E. Franklin	1750	3.10	2.43	5433
5-26	A. W. Hall	1229	2.55	1.70	3137
6- 2	do	849	2.49	1.10	1879
6-15	do	1069	2.81	1.65	3002

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT MINATARE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
7- 6	C. E. Franklin	1309	2.80	1.87	3670
7- 9	A. W. Hall	972	2.60	1.35	2521
7-15	do	669	2.14	1.00	1427
7-18	C. E. Franklin	505	2.52	1.00	1272
8- 1	do	1462	3.24	2.22	4743
8- 2	A. W. Hall	1865	3.45	2.65	6471
8-24	do	716	2.25	.80	1608
8-29	C. E. Franklin	826	2.21	.94	1825
9- 5	A. W. Hall	586	2.02	.90	1185
9-11	C. E. Franklin	739	2.16	1.05	1597
10- 8	do	942	2.42	1.38	2393
10-19	do	1218	2.61	1.73	3178
11- 5	A. W. Hall	699	2.05	1.20	1451
11-22	do	755	2.27	1.35	1718
12- 5	do	778	2.06	1.30	1803
<b>1928</b>					
1-31	C. E. Franklin	511	2.09	1.60	1067
2-19	do	645	1.93	1.22	1240
3- 6	do	567	1.91	1.25	1083
3-17	A. W. Hall	717	1.97	1.25	1410
4- 5	do	952	2.52	1.55	2397
4-14	C. E. Franklin	748	1.89	1.40	1415
4-18	A. W. Hall	660	1.89	1.20	1247
4-22	C. E. Franklin	566	1.76	1.20	1144
5- 1	A. W. Hall	678	2.06	1.35	1398
5-19	do	1227	2.66	1.96	3222
5-25	do	2003	3.50	3.10	7016
6- 2	do	2928	3.81	3.50	11187
6- 4	C. E. Franklin	3139	4.25	3.82	13371
6- 6	A. W. Hall	3453	4.25	4.20	14691
6-14	do	2901	3.75	3.45	10509
7- 5	do	1372	2.63	1.80	3610
7-13	do	530	1.84	.77	976
8- 6	do	1004	2.20	1.28	2210
8-24	do	608	2.10	.90	1275
9-11	do	687	2.15	1.00	1479
9-26	do	735	2.00	1.10	1469
10-12	C. E. Franklin	557	1.86	.95	1037
11- 7	do	839	2.22	1.33	1861
11-28	do	843	2.02	1.20	1704
12-12	do	856	1.75	1.26	1498

## NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA

<b>1917</b>					
5- 7	Swanson and Horrocks	1141	1.95	6.48	2228
5-14	S. A. Swanson	966	2.10	6.51	2036
5-22	do	2929	3.03	7.70	8887
6-26	Swanson and Horrocks	4667	3.56	8.45	16633
7-11	S. A. Swanson	3354	3.03	7.25	10188
7-19	do	2458	2.80	6.85	6891

NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1917</b>					
7-26	Swanson and Horrocks	1713	2.50	6.44	4295
8- 6	**J. K. Rohrer	.....	.....	6.30	3587
8- 8	S. A. Swanson	1046	2.85	6.20	2987
8-10	L. D. Horrocks	1159	2.15	6.00	2495
8-24	D. P. Weeks, Jr.	751	2.49	5.84	1877
9- 8	L. D. Horrocks	1149	1.74	6.02	2004
9-25	**J. K. Rohrer	.....	.....	6.30	3169
<b>1918</b>					
4- 8	Flynn and Palmer	785	1.83	5.90	1441
4-11	do	773	1.83	5.95	1415
4-16	do	718	1.95	5.85	1406
4-24	do	978	1.96	6.05	1919
4-29	Wade Flynn	1259	2.22	6.31	2797
5- 6	do	1931	2.53	6.91	4890
5-11	T. C. Palmer	2808	2.67	7.30	7518
5-16	do	2694	2.41	7.00	6501
5-21	Wade Flynn	2508	2.43	6.80	6108
6- 3	do	1762	2.52	6.59	4444
6- 6	T. C. Palmer	1741	2.46	6.65	4297
6-14	Wade Flynn	1519	2.09	6.32	3179
6-24	T. C. Palmer	3290	2.57	7.23	8467
7- 3	Wade Flynn	2021	1.83	6.28	3718
7-10	T. C. Palmer	1001	2.13	5.86	2133
7-15	Wade Flynn	1468	2.35	6.30	3353
8- 1	T. C. Palmer	1030	2.09	6.02	2157
8- 9	do	1042	2.26	5.93	2359
8-23	Wade Flynn	891	1.92	5.90	1714
8-28	T. C. Palmer	617	1.68	5.61	1037
9- 9	Wade Flynn	793	1.90	5.81	1514
9-20	do	1099	1.98	6.15	2185
10-19	W. F. Chaloupka	872	1.97	5.59	1724
<b>1919</b>					
4- 2	Wade Flynn	54	1.74	5.90	959
4-10	Palmer and Manning	728	1.70	5.92	1241
4-22	T. C. Palmer	631	1.72	5.81	1089
4-26	do	908	1.80	5.98	1637
5- 2	do	975	1.82	6.15	1779
5- 9	Earl North	931	1.95	6.10	1802
5-16	T. C. Palmer	682	1.77	5.88	1207
5-23	do	723	1.57	5.85	1139
5-26	do	558	1.55	5.68	868
6- 6	do	1045	1.89	6.20	1974
6-13	do	1042	1.97	6.20	2051
6-27	do	713	1.79	5.90	1275
7-11	do	552	1.83	5.75	1008
7-18	do	450	1.60	5.60	722
7-26	do	222	1.31	5.33	290
8-23	do	348	1.39	5.56	483
8-30	do	321	1.33	5.49	428

\*\*U. S. R. S. measurements.

## STATE OF NEBRASKA

## NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
9-12	North and Palmer	1358	2.22	6.72	3021
9-13	T. C. Palmer	1823	2.28	6.98	4163
9-20	do	1020	1.97	6.14	2010
9-27	do	853	2.08	6.00	1774
10-13	do	972	1.83	6.10	1775
10-22	Earl North	1054	1.79	6.10	1884
11- 1	T. C. Palmer	978	2.13	6.21	2084
11-22	do	842	1.99	6.01	1602
<b>1920</b>					
2-30	T. C. Palmer	839	1.79	6.00	1497
4- 6	Baumgartner and Palmer	948	1.56	6.13	1484
4-25	do	1343	2.04	6.50	2737
4-27	do	1294	1.96	6.41	2532
4-28	do	1149	2.10	6.35	2418
5- 6	do	2042	2.41	7.00	4928
5- 7	do	2156	2.41	7.05	5197
5- 8	do	2460	2.42	7.40	5959
5-17	G. K. Baumgartner	3283	2.80	7.60	9479
5-19	do	2630	2.72	7.09	7158
5-26	T. C. Palmer	1917	2.68	6.75	5147
6- 7	do	2447	2.44	6.95	5981
6-16	do	2876	2.66	7.44	7667
6-21	Baumgartner and Palmer	3841	2.91	7.85	10142
7- 6	T. C. Palmer	1518	2.46	6.32	3729
7-15	**J. K. Rohrer	.....	.....	6.25	3491
7-17	T. C. Palmer	1473	2.16	6.35	3185
7-24	do	1343	2.03	6.40	2723
8- 6	do	1198	2.18	6.16	2612
8-11	do	1119	1.84	6.16	2056
8-12	do	1090	1.84	6.15	2007
8-21	do	641	1.57	5.75	1009
8-24	do	600	1.69	5.75	1010
9-11	do	1155	2.03	6.25	2348
9-17	do	945	1.82	6.08	1724
9-18	do	938	1.74	6.02	1631
9-25	do	714	1.61	5.77	1152
9-27	**J. K. Rohrer	.....	.....	5.90	1638
10- 2	T. C. Palmer	830	1.70	5.94	1410
10- 9	do	974	1.71	6.05	1665
11- 5	do	1016	1.83	6.07	1855
<b>1921</b>					
3- 4	T. C. Palmer	1006	1.70	5.95	1711
3-25	do	888	1.62	5.93	1437
4- 8	do	643	1.64	5.88	1051
4-21	do	948	1.81	6.18	1720
4-22	do	1108	1.84	6.30	2040
5- 9	do	1066	1.98	6.22	2106
5-23	do	1130	1.93	6.30	2189
5-26	do	2500	2.00	7.47	6669
6- 4	do	1775	2.34	6.75	4157

\*\*U. S. R. S. measurements.

## NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
6-10	Palmer and Atkins	4246	3.25	8.17	13807
6-15	A. H. Atkins	4323	3.18	8.45	13758
6-17	do	4531	3.69	8.37	16738
6-19	Palmer and Atkins	5287	4.06	8.90	21453
6-29	T. C. Palmer	2466	2.52	6.75	6217
7- 1	A. H. Atkins	1853	2.85	6.50	5279
7-11	**J. K. Rohrer	.....	.....	5.75	2410
7-20	A. H. Atkins	1242	2.31	6.02	2879
8- 6	do	1527	2.46	6.40	3763
8-13	T. C. Palmer	785	2.13	5.70	1679
9- 2	do	789	1.69	5.60	1335
9-15	do	859	1.88	5.70	1612
9-23	do	1017	2.09	5.90	2113
10- 3	do	1332	2.03	6.15	2708
10-24	do	1202	1.82	5.90	2192
11-25	do	903	1.79	5.70	1620
<b>1922</b>					
3-20	T. C. Palmer	797	1.71	5.90	1367
4- 4	Palmer and Johnston	591	1.85	5.85	1092
5- 2	T. C. Palmer	878	1.71	5.95	1503
5-13	A. E. Johnston	1766	2.84	6.90	5028
5-15	T. C. Palmer	1914	2.50	6.90	4793
5-19	do	2526	2.66	7.35	6716
5-26	do	1994	2.40	6.90	4799
6- 9	do	1333	2.43	6.37	3244
6-16	do	781	1.94	5.65	1515
6-22	do	837	1.94	5.80	1626
7-18	A. E. Johnston	866	1.31	5.80	1432
7-18	T. C. Palmer	711	1.67	5.80	1187
7-26	do	800	1.96	5.75	1574
8-15	A. H. Atkins	731	1.91	5.70	1402
8-21	A. E. Johnston	445	1.51	5.45	676
8-21	do	481	1.59	5.45	765
9- 4	T. C. Palmer	460	1.51	5.40	699
9-13	A. E. Johnston	654	1.67	5.48	1093
9-15	Palmer and Easterday	536	1.58	5.40	848
9-25	T. C. Palmer	600	1.50	5.50	903
10- 1	A. E. Johnston	506	1.95	5.50	987
10-14	do	708	2.04	5.80	1450
11- 9	do	919	1.94	5.95	1783
11-29	do	852	1.91	5.95	1629
12-19	do	763	1.38	6.80	1057
<b>1923</b>					
1-15	A. E. Johnston	585	2.17	5.90	1281
2- 1	do	575	1.97	5.80	1137
3- 6	do	490	2.08	5.80	1023
3-31	do	642	1.73	5.70	1111
4- 6	do	625	1.99	5.90	1227
4-21	do	493	1.71	5.75	845
4-30	do	1495	1.77	6.10	2648

\*\*U. S. R. S. measurements.

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-7	Ketcham and Johnston	1221	2.07	6.30	2544
5-24	E. F. Ketcham	1484	1.92	6.40	2854
5-25	do	2396	2.57	7.35	6167
6-11	A. H. Atkins	2608	2.55	7.20	6658
7-2	E. F. Ketcham	1157	2.12	6.10	2459
7-13	A. E. Johnston	935	2.08	6.10	1953
7-24	do	1410	2.32	6.50	3274
8-18	E. F. Ketcham	1271	2.25	6.25	3873
8-30	A. E. Johnston	418	3.27	5.90	1576
9-4	do	626	1.84	5.75	1155
9-22	do	1109	2.15	6.30	2392
10-9	do	1252	2.37	6.35	2977
10-22	do	863	2.32	6.00	2005
11-20	do	915	1.93	6.10	1831
<b>1924</b>					
1-8	Johnston and Hall	1295	1.34	6.80	1744
2-2	A. E. Johnston	803	2.15	6.45	1730
2-11	do	916	2.11	6.10	1939
3-5	do	825	2.08	6.15	1709
3-17	do	783	2.26	6.15	1771
4-8	do	1595	2.60	6.85	4154
4-17	do	3181	3.56	7.92	11334
5-2	do	3089	3.17	7.60	9797
6-5	do	2150	2.87	7.00	6183
6-20	A. W. Hall	1330	2.13	6.35	2826
7-3	do	1613	2.17	6.40	3517
7-14	do	1086	1.78	6.00	1936
7-30	C. G. Hrubesky	1218	1.98	5.95	2423
8-4	A. E. Johnston	807	2.22	5.85	1793
8-14	C. G. Hrubesky	1577	1.81	6.15	2858
8-16	A. E. Johnston	1049	2.28	6.10	2386
9-2	do	854	1.95	5.80	1671
9-29	do	1173	2.83	6.20	2806
10-27	do	1258	2.16	6.28	2714
11-28	do	920	2.28	5.95	2698
<b>1925</b>					
1-30	A. E. Johnston	896	2.20	6.55	1965
2-27	do	867	2.16	5.95	1879
3-30	do	1152	1.45	6.00	1665
4-20	A. W. Hall	711	1.70	5.85	1202
4-27	do	514	1.65	5.65	849
5-14	do	481	1.39	5.60	670
5-30	do	556	1.41	5.54	784
6-8	do	2411	2.30	6.80	5559
6-23	do	608	1.47	5.60	897
7-6	do	632	1.50	5.70	963
7-17	do	719	1.46	5.75	1048
7-25	do	1218	1.81	6.37	2203
8-1	A. E. Johnston	1243	2.59	6.35	3217

NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
8- 4	A. W. Hall	1449	2.10	6.45	3055
8-18	do	1129	2.12	6.22	2391
9-14	A. E. Johnston	1077	2.46	6.20	2647
11- 2	do	1009	2.35	6.30	2567
11-16	do	774	2.29	6.00	1769
11-30	do	806	2.25	6.00	1803
<b>1926</b>					
2-10	A. W. Hall	1030	2.16	6.23	2231
3-10	do	831	2.07	5.95	1721
3-26	do	779	1.85	6.00	1441
4-13	do	880	1.80	6.05	1583
4-22	do	1810	2.40	6.90	4347
5-10	do	1316	2.55	6.52	3361
5-25	do	854	1.63	6.00	1637
6- 1	do	2275	2.92	7.35	6637
6-16	do	2487	3.10	7.57	7572
7- 2	A. E. Johnston	773	2.06	5.85	1596
7-26	do	1316	2.46	6.25	3233
8- 6	A. W. Hall	961	2.10	6.00	2012
8-16	A. E. Johnston	1303	2.48	6.40	3236
8-31	A. W. Hall	668	1.88	5.67	1257
9- 8	A. E. Johnston	1159	2.62	6.30	3047
10- 1	A. W. Hall	1269	2.26	6.15	2873
10-15	do	1004	2.44	6.15	2590
11- 4	do	910	2.05	6.00	1865
11-26	do	1014	2.14	6.00	2162
<b>1927</b>					
2-21	A. W. Hall	1113	2.30	6.40	2567
3- 8	do	845	2.21	5.95	1868
3-24	do	806	2.09	5.95	1687
4- 8	do	1042	2.34	6.20	2435
4-16	do	1390	1.94	6.46	3702
4-29	do	1298	2.26	6.30	2929
5- 4	do	1712	2.64	6.70	4527
5-16	do	2311	2.80	7.00	6456
5-21	do	2128	2.74	7.03	5480
6- 2	do	778	2.28	5.81	1778
6- 7	do	1240	2.29	6.25	2843
6-20	do	1994	2.84	6.90	5658
7-12	do	865	2.15	5.83	1865
7-16	do	594	2.20	5.65	1270
8- 6	do	2320	3.02	7.21	7021
8-27	A. E. Johnston	720	2.14	5.65	1538
10-10	do	1338	2.73	6.40	3660
11- 4	A. W. Hall	936	2.28	5.87	2183
11-27	do	934	2.35	6.00	2188



## STATE OF NEBRASKA

NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
1-12	Hall and Johnston	1085	2.16	6.70	2326
2- 6	do	918	1.71	6.25	1575
2-14	A. W. Hall	741	2.11	5.95	1566
3- 3	A. E. Johnston	609	2.60	5.90	1585
3-23	A. W. Hall	770	1.97	5.95	1514
4-14	do	812	2.25	6.00	1828
4-24	do	634	1.94	5.85	1237
4-30	do	605	1.70	5.77	1032
5- 7	do	1681	2.45	6.70	4110
5-26	do	2549	2.78	7.30	7093
5-31	do	2938	3.15	7.55	9270
6- 5	do	3366	3.84	8.08	12954
6-28	do	2541	2.61	6.80	6642
7- 2	do	2113	2.64	6.55	5616
7- 9	do	996	2.18	5.50	2178
7-17	do	641	1.97	5.30	1262
7-27	do	1358	2.32	6.10	3155
8- 7	do	933	2.56	5.80	2387
8-18	do	491	2.41	5.42	1194
9- 8	A. E. Johnston	685	2.02	5.55	1388
9-29	A. W. Hall	802	1.98	5.70	1584
10-12	C. E. Franklin	720	2.24	5.60	1605
11- 7	A. E. Johnston	972	2.18	5.95	2110
12-14	C. E. Franklin	1026	1.91	7.15	1955

## NORTH PLATTE RIVER AT BROADWATER, NEBRASKA

1917					
5- 9	L. D. Horrocks	1715	1.88	2.73	3240
5-24	do	3658	2.53	3.68	9272
5-31	S. A. Swanson	3858	2.83	3.84	10931
6- 8	L. D. Horrocks	5467	3.05	4.32	16658
6-20	S. A. Swanson	5128	3.43	4.39	17626
6-22	L. D. Horrocks	5886	3.22	4.40	18992
7- 7	do	5252	3.05	4.18	16067
7-10	S. A. Swanson	3412	3.12	3.80	10658
7-18	do	2532	2.71	3.20	6838
7-25	L. D. Horrocks	2875	2.14	3.00	6163
8- 6	**J. K. Rohrer	.....	.....	2.68	3438
8- 8	S. A. Swanson	1083	2.03	2.51	2206
8-13	Swanson and Horrocks	1388	1.93	2.69	2687
8-24	D. P. Weeks, Jr.	866	2.16	2.30	1874
8-25	L. D. Horrocks	868	1.98	2.35	1725
9- 7	do	1120	1.93	2.45	2162
9-25	**J. K. Rohrer	.....	.....	2.57	2613
1918					
4-10	Flynn and Palmer	1131	1.73	2.33	1967
4-25	do	1136	1.78	2.50	2029
5- 7	Wade Flynn	2574	2.28	3.10	5867
5-10	T. C. Palmer	3194	2.50	3.35	8000
5-17	do	2911	2.45	3.37	7155

\*\*U. S. R. S. measurements.

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NORTH PLATTE RIVER AT BROADWATER, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
5-22	Wade Flynn	2558	2.28	3.05	5839
6- 2	T. C. Palmer	2216	2.26	3.00	5028
6- 4	Wade Flynn	2161	2.21	2.83	4805
6- 7	T. C. Palmer	2309	2.24	3.05	5179
6-15	Wade Flynn	1643	2.06	2.67	3387
6-21	T. C. Palmer	2229	2.29	2.95	5111
6-25	Wade Flynn	3293	2.78	3.42	9175
7- 5	do	1834	1.81	2.57	3821
7- 9	T. C. Palmer	1425	1.88	2.52	2691
7-11	do	1179	1.93	2.50	2282
7-17	Wade Flynn	1830	1.96	2.75	3616
7-30	T. C. Palmer	1597	2.00	2.64	3209
8- 3	Wade Flynn	1312	1.80	2.50	2374
8-10	T. C. Palmer	1318	1.80	2.34	2374
8-24	Wade Flynn	1064	1.56	2.33	1663
8-28	T. C. Palmer	734	1.51	2.00	1110
9-10	Flynn and Palmer	1077	1.64	2.28	1768
9-21	Wade Flynn	1148	1.38	2.45	2007
<b>1919</b>					
4- 2	T. C. Palmer	822	1.73	2.35	1429
4-11	Palmer and North	902	1.57	2.32	1416
4-22	Earl North	901	1.65	2.27	1489
4-26	T. C. Palmer	1208	1.83	2.45	2220
5- 3	do	1269	1.76	2.55	2239
5- 7	Earl North	1086	1.86	2.60	2017
5-10	Palmer and North	1129	1.71	2.49	1927
5-17	T. C. Palmer	792	1.83	2.40	1450
5-24	do	769	1.60	2.31	1223
6- 7	do	1270	1.77	2.50	2248
6-14	North and Palmer	1173	1.66	2.48	1952
6-28	T. C. Palmer	917	1.53	2.45	1407
7-17	do	592	1.37	2.20	812
7-26	do	333	.94	2.00	314
8-11	do	763	1.43	2.20	1094
8-29	Earl North	509	1.21	2.05	620
9-15	T. C. Palmer	1850	1.95	2.78	3602
9-29	do	1163	1.71	2.45	1986
10- 6	do	1283	1.70	2.55	2184
10-16	do	1264	1.64	2.54	2077
10-21	Earl North	1510	1.94	2.50	2937
11- 4	T. C. Palmer	1192	1.86	2.53	2211
<b>1920</b>					
4- 8	Palmer and Baumgartner	950	1.63	2.45	1548
5- 7	Baumgartner and Palmer	2592	2.25	3.10	5842
5-18	G. K. Baumgartner	3409	2.69	3.55	9180
5-27	T. C. Palmer	2410	2.36	2.98	5706
6- 2	G. K. Baumgartner	2906	2.63	3.30	7646
6-15	do	3443	2.49	3.40	8572
7- 7	do	1844	2.57	2.85	4749
7-15	**J. K. Rohrer	.....	.....	2.72	3624

\*\*U. S. R. S. measurements.

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT BROADWATER, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
7-23	G. K. Baumgartner	1421	1.93	2.55	2742
8-10	do	1543	1.99	2.50	3070
8-13	T. C. Palmer	1131	1.73	2.38	1961
8-26	G. K. Baumgartner	795	1.61	2.20	1278
9- 1	T. C. Palmer	1484	1.89	2.55	2817
9-14	do	1300	1.75	2.50	2278
9-28	**J. K. Rohrer	-----	-----	2.25	1449
<b>1921</b>					
4- 9	T. C. Palmer	758	1.87	2.32	1416
4-21	do	893	1.73	2.33	1543
4-23	do	1229	1.70	2.54	2089
5-24	do	1938	2.04	2.82	3949
5-27	do	2497	2.28	3.01	5701
6-11	Palmer and Atkins	5143	3.41	4.14	17522
6-16	A. H. Atkins	5771	3.51	4.39	20272
6-18	do	5667	3.66	4.44	20751
7- 2	do	2506	2.69	2.79	6738
7-13	**J. K. Rohrer	-----	2.69	2.52	3041
7-25	A. H. Atkins	1389	2.26	2.42	3135
8- 8	do	1778	2.34	2.65	4155
8-15	T. C. Palmer	1330	1.54	2.32	2051
9- 3	do	872	1.70	2.25	1483
9-16	do	1163	1.66	2.35	1929
10- 4	do	1505	1.93	2.50	2900
<b>1922</b>					
3-24	T. C. Palmer	1251	1.61	2.35	2018
4- 4	Palmer and Johnston	821	1.62	2.32	1333
4-29	A. E. Johnston	1264	1.56	2.40	1981
5-12	do	1778	2.22	2.70	3955
5-22	T. C. Palmer	3882	2.68	3.60	10395
5-27	A. E. Johnston	2927	2.38	3.00	6980
6-12	do	1209	1.95	2.50	2355
6-28	do	1102	1.82	2.30	2002
7-12	do	1088	1.67	2.40	1824
7-31	do	1381	1.45	2.50	2700
8-15	do	364	2.59	2.20	945
9- 4	A. H. Atkins	566	1.88	2.00	1066
9-12	A. E. Johnston	878	1.48	2.10	1304
9-15	do	615	1.45	2.10	897
9-22	do	753	1.54	2.05	1164
<b>1923</b>					
3-16	A. E. Johnston	764	2.01	2.60	1535
3-30	do	753	1.63	2.30	1230
4- 7	do	896	1.84	2.40	1645
4-21	do	517	1.76	2.25	910
5-15	do	1242	1.94	2.60	2405
5-26	do	2638	2.41	3.20	6377
6-11	do	1195	5.96	3.30	7126
6-26	do	1461	1.89	2.68	2765
7- 3	E. F. Ketcham	1535	1.73	2.50	2658

\*\*U. S. R. S. measurements.

NORTH PLATTE RIVER AT BROADWATER, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-23	A. E. Johnston	1603	1.85	2.65	2940
8-20	E. F. Ketcham	1756	1.94	2.62	3412
8-31	A. E. Johnston	916	1.70	2.25	1561
9-10	do	626	1.61	2.25	1013
9-20	A. H. Atkins	1362	1.72	2.45	2349
10-20	A. E. Johnston	1274	1.72	2.50	2195
10-24	Atkins and Wood	1462	1.94	2.50	2792
11-21	A. E. Johnston	1054	2.03	2.45	2140
<b>1924</b>					
3- 6	A. E. Johnston	1033	1.87	2.50	1934
3-24	do	1197	1.92	2.50	2299
4- 7	do	1317	2.11	2.55	2484
4-18	do	4445	3.26	3.90	14509
5- 5	do	4012	2.96	3.80	11902
5-19	do	3142	2.82	3.45	8889
6-12	do	2596	2.30	3.00	5970
7-14	do	1102	2.15	3.15	2373

NORTH PLATTE RIVER AT LISCO, NEBRASKA

<b>1917</b>					
5-10	L. D. Horrocks	1146	2.34	2.50	2687
5-28	do	2586	3.10	3.21	8021
6-11	do	3895	3.64	3.80	14198
8- 7	**J. K. Rohrer	.....	.....	2.15	2772
8- 9	L. D. Horrocks	1009	2.40	2.15	2430
8-27	do	787	2.24	1.99	1764
9-25	**J. K. Rohrer	.....	.....	2.30	2676

NORTH PLATTE RIVER AT OSHKOSH, NEBRASKA

<b>1917</b>					
5-11	Horrocks and Willis	1415	1.94	1.50	2751
5-23	L. D. Horrocks	3297	2.70	2.20	8913
7-24	do	2420	2.47	1.55	5986
8- 7	**J. K. Rohrer	.....	.....	1.18	2776
8- 9	L. D. Horrocks	1099	2.15	1.05	2368
8-24	do	907	1.83	.85	1669
9- 7	do	1226	1.99	1.15	2441
9-26	**J. K. Rohrer	.....	.....	1.25	2706
<b>1928</b>					
4-28	A. E. Johnston	757	2.02	1.60	1524
6- 1	do	2439	3.60	3.05	8792
6- 6	do	3156	4.30	3.65	13598
6-29	do	1957	3.10	2.45	6069
7-10	A. W. Hall	928	2.26	1.19	2098
7-20	A. E. Johnston	1097	2.70	1.75	2959
7-24	do	1299	2.69	1.95	3499
8-11	do	862	2.09	1.40	1805
8-20	do	551	1.99	1.20	1099
8-25	do	551	2.18	1.25	1208

\*\*U. S. R. S. measurements.

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT OSHKOSH, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
8-27	A. E. Johnston	.....	.....	1.35	.....
9- 5	do	881	2.19	1.60	1935
9-19	do	841	2.35	1.65	1977
10-19	do	1124	2.44	1.90	2749
11- 5	do	1273	2.66	2.15	3396
11-27	do	939	2.41	1.90	2260
12- 4	do	672	2.31	2.60	1551
12-19	do	.....	.....	3.10	.....

## NORTH PLATTE RIVER AT LEWELLEN, NEBRASKA

<b>1927</b>					
4- 5	A. E. Johnston	935	3.10	2.85	2897
4-20	do	1940	2.75	3.25	5430
5- 3	do	1587	3.72	3.30	5921
5-21	do	.....	.....	3.55	.....
6-28	do	.....	.....	3.10	.....
7-16	do	.....	.....	2.15	.....
7-19	do	607	2.46	2.20	1490
8- 5	do	.....	.....	3.60	.....
8-25	do	.....	.....	2.40	.....
9-16	do	.....	.....	2.60	.....
<b>1928</b>					
2-29	A. E. Johnston	1096	2.73	3.05	2899
3- 6	do	1142	2.74	2.90	3121
3-28	do	1023	2.60	2.70	2662
4-26	do	711	2.41	2.30	1713

## NORTH PLATTE RIVER AT BELMAR, NEBRASKA

<b>1917</b>					
5-14	Horrocks and Willis	1758	1.68	1.51	2953
5-29	L. D. Horrocks	4112	2.35	2.39	9675
6-12	do	5637	2.84	3.03	16915
7-13	do	3936	2.53	2.45	9962
7-28	do	2219	2.20	1.72	4902
8- 7	**J. K. Rohrer	.....	.....	1.50	3533
8-28	L. D. Horrocks	1060	1.75	1.15	1864
9-26	**J. K. Rohrer	.....	.....	1.35	1832
<b>1918</b>					
4-26	Palmer and Flynn	1264	1.74	1.30	2204
5- 8	T. C. Palmer	2837	2.20	1.95	6270
5-19	do	3191	2.32	2.10	7409
6- 4	do	2328	2.12	1.70	4963
6- 9	do	2586	2.21	1.90	5717
6-19	do	1725	1.94	1.34	3344
6-27	do	4343	2.54	2.44	11039
7- 8	do	1477	2.00	1.32	2961
7-13	do	1617	1.79	1.21	2898
7-26	do	2262	1.96	1.54	4434

\*\*U. S. R. S. measurements.

NORTH PLATTE RIVER AT BELMAR, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
8-23	T. C. Palmer	1342	1.74	1.24	2347
9- 1	do	815	1.47	.80	1198
9-14	do	1089	1.62	1.07	1768
<b>1919</b>					
4-19	Palmer and North	911	1.61	0.98	1474
4-24	Earl North	962	1.54	1.12	1487
5- 6	do	1355	1.73	1.20	2346
5-13	do	1569	1.66	1.25	2596
5-24	do	847	1.54	1.00	1308
5-30	do	755	1.28	.95	965
6-12	do	1502	1.82	1.30	2739
7-14	do	619	1.45	.85	900
8- 5	Palmer and Hartman	1342	1.76	1.59	2358
8-26	Earl North	548	.99	.85	543
8-30	do	469	1.21	.85	569
9- 8	do	563	1.14	.99	644
9-15	do	1813	1.85	1.55	3357
10- 6	do	1685	1.83	1.33	3075
10-17	do	1702	1.89	1.25	3213
<b>1920</b>					
5-14	Baumgartner and Palmer	4931	2.67	2.50	13166
5-24	G. K. Baumgartner	3592	2.40	2.20	8638
6- 2	do	2779	2.09	1.74	5811
6- 8	do	3515	2.25	2.00	7896
6-16	do	3910	2.46	2.20	9623
6-25	do	4876	2.72	2.55	13257
7- 2	do	3154	2.28	2.00	7182
7-16	**J. K. Rohrer	.....	.....	1.44	3373
7-19	do	2036	2.10	2.50	4282
7-28	G. K. Baumgartner	1774	1.88	1.40	3343
8- 6	do	1774	1.92	1.40	3405
8-12	do	1472	1.86	1.20	2746
8-23	do	889	1.56	.80	1393
9- 2	Palmer and Willis	1722	1.87	1.23	3219
9-29	**J. K. Rohrer	.....	.....	1.00	1672
<b>1921</b>					
3-31	T. C. Palmer	1064	1.70	1.10	1810
4-14	do	891	1.54	1.05	1376
5- 4	do	1805	1.87	1.35	3071
6-22	do	6618	3.28	3.50	21686
6-29	A. H. Atkins	3815	2.76	2.25	10520
7- 6	do	1523	2.25	1.40	3440
7-16	do	1137	2.16	.98	2459
7-14	**J. K. Rohrer	.....	.....	1.03	2403
7-27	A. H. Atkins	1431	2.18	1.12	3117
8- 5	do	1861	2.37	1.50	4402
8-11	do	1502	2.21	1.32	3432
8-20	do	1202	2.00	1.12	2410
8-30	do	1223	2.00	1.00	2440

\*\*U. S. R. S. measurements.

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT BELMAR, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
9-14	T. C. Palmer	1234	1.72	1.08	2126
10-14	do	1470	1.81	1.12	2663
11-28	do	1402	1.78	1.20	2492
<b>1922</b>					
4- 6	A. E. Johnston	1034	1.50	0.95	1554
4-19	do	1291	1.59	1.10	2048
5- 2	do	1413	1.72	1.40	2429
5-16	do	2716	2.15	1.80	5856
6- 1	do	2778	2.71	2.15	9491
6-10	do	1933	1.97	1.40	3814
6-17	do	783	1.63	.75	1272
6-27	do	970	1.59	1.10	1549
7- 2	do	1173	1.73	1.10	2023
7-14	do	1097	1.64	1.00	1806
7-21	do	789	1.55	.72	1072
8- 5	do	1589	1.94	1.25	3088
8-18	do	837	1.53	.83	1287
9- 1	Johnston and Eyerly	652	1.40	.55	916
9-16	Johnston and Easterday	706	1.30	.80	919
9-26	A. E. Johnston	703	1.50	.83	1061
<b>1923</b>					
3- 2	A. E. Johnston	1287	1.91	1.20	2464
3-29	do	780	1.68	1.10	1315
4-10	do	875	1.81	1.10	1585
5-17	do	1457	1.82	1.35	2664
5-29	do	2432	2.19	1.75	5334
6-13	do	3108	2.41	2.05	7517
6-28	do	1657	1.79	1.28	2978
7- 7	E. F. Ketcham	1019	1.54	1.00	1571
7-20	A. E. Johnston	2572	1.48	1.40	3826
7-25	A. H. Atkins	1825	2.31	1.35	4230
8-11	A. E. Johnston	2228	2.34	1.60	5330
8-25	A. H. Atkins	1565	1.81	1.20	2836
9-12	A. E. Johnston	748	1.52	1.00	1139
9-27	A. H. Atkins	1913	1.62	1.30	3099
10-15	do	2032	1.65	1.40	3362
10-18	Atkins and Wood	7450	1.86	1.30	3641
<b>1924</b>					
3- 4	A. E. Johnston	1112	1.76	1.25	1963
3-13	do	1229	2.07	1.25	2554
4- 4	do	1374	2.02	1.25	2773
4-21	do	3534	2.56	2.15	9060
5-21	do	3889	2.33	1.93	7917
6-14	do	2763	2.29	1.75	6340
6-30	do	814	1.87	1.00	1529
7-16	do	1232	1.71	1.10	2117
7-24	do	1295	1.89	1.15	2449
8- 2	C. G. Hrubesky	1055	1.68	1.00	1763
8-18	do	1529	1.93	1.20	2955

# HYDROGRAPHIC REPORT—1928

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## NORTH PLATTE RIVER AT BELMAR, NEBRASKA (Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
8-26	A. E. Johnston	866	1.58	.91	1366
9- 1	C. G. Hrubesky	866	1.60	.87	1390
•10- 7	A. E. Johnston	1477	1.86	1.25	2750
10-25	do	1652	1.85	1.40	3063
11-17	do	1408	1.90	1.30	2639
12- 1	do	1219	1.86	1.25	2275
<b>1925</b>					
2-10	A. E. Johnston	903	2.18	1.05	1964
4- 7	do	1252	1.84	1.20	2301
4-29	A. W. Hall	869	1.59	1.00	1380
5-19	A. E. Johnston	1119	1.65	1.15	1982
6- 3	do	575	1.62	.80	930
6-15	do	1728	1.89	1.25	3238
6-26	do	629	1.61	.85	1012
7- 9	do	699	1.55	.90	1087
7-15	do	1062	1.77	1.10	1883
7-22	do	806	1.75	1.00	1414
8- 4	do	2253	2.02	1.50	4540
8-26	do	1387	1.92	1.25	2641
9- 4	do	854	1.74	.95	1485
9-16	do	1649	2.00	1.30	3285
9-25	do	1670	1.94	1.35	3240
10-15	do	1517	2.03	1.20	3019
11- 4	do	1794	1.85	1.40	3334
12- 7	do	1236	1.93	1.25	2393
<b>1926</b>					
2- 9	A. E. Johnston	.....	.....	2.10	.....
3-18	do	1207	1.73	1.20	2209

## NORTH PLATTE RIVER AT LEMOYNE, NEBRASKA

<b>1926</b>					
4- 9	A. E. Johnston	1189	1.86	1.97	2202
4-29	do	1995	2.24	2.35	4465
5-20	do	1654	2.10	2.10	3483
6- 5	A. W. Hall	3089	2.48	2.75	7692
6-14	A. E. Johnston	2181	2.37	2.40	5186
6-18	do	3382	2.85	3.20	9998
6-28	do	2548	2.40	2.60	6135
7-23	do	1916	2.30	2.25	4401
7-30	do	1915	2.08	2.30	4067
8- 9	do	1363	1.88	1.95	2569
8-20	do	1692	2.10	2.30	3567
9- 2	do	976	1.62	1.65	1587
9-29	do	1738	2.20	2.15	3829
10-16	A. W. Hall	1432	1.81	2.10	2588
10-26	A. E. Johnston	1488	1.94	1.95	2888
11-12	do	1421	2.17	1.90	3083
12-11	A. W. Hall	1479	2.15	2.10	3178



## STATE OF NEBRASKA

NORTH PLATTE RIVER AT LEMOYNE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
1-10	A. W. Hall	1357	1.47	2.70	2900
3-15	do	1405	2.08	1.95	2922
4- 6	A. E. Johnston	1622	2.00	2.10	3264
4-19	do	2063	2.37	2.50	4896
5- 4	do	2280	2.40	2.45	5530
5-21	do	3170	2.72	2.91	8634
6-15	do	1473	2.08	2.10	3067
6-29	do	2579	2.30	2.55	5935
7-16	do	1203	1.79	1.80	2150
7-26	do	757	1.66	1.82	1258
8- 5	do	3117	2.81	2.92	8802
8-24	do	1524	1.87	2.30	2851
9- 3	A. W. Hall	1075	1.94	1.90	2043
9-15	A. E. Johnston	1349	2.08	2.10	2814
10- 7	do	1817	2.25	2.30	4098
10-12	do	1824	2.29	2.31	4183
10-28	do	1605	2.02	2.07	3227
11-17	do	1456	2.01	2.16	2939
11-27	do	1500	2.04	1.95	3061

## NORTH PLATTE RIVER AT KEYSTONE, NEBRASKA

1917					
5-22	L. D. Horrocks	3607	2.51	4.12	9057
6- 7	do	5448	2.65	4.75	14418
6-20	do	6176	3.02	4.97	18638
7- 6	do	6130	2.87	5.00	17626
7-23	do	2864	2.35	3.95	6772
8- 8	**J. K. Rohrer	.....	.....	3.60	3153
8-23	L. D. Horrocks	1000	1.80	3.40	1801
9- 6	do	1125	1.85	3.35	2085
9-26	**J. K. Rohrer	.....	.....	3.53	2810

## NORTH PLATTE RIVER AT SUTHERLAND, NEBRASKA

1917					
5-15	Horrocks and Willis	1250	2.24	4.00	2802
5-30	L. D. Horrocks	3240	3.07	.....	9952
6-13	do	4020	3.86	5.35	15526
7-14	do	2638	3.42	4.70	8825
7-30	do	1443	2.39	4.00	3453
8-15	do	1178	2.21	3.77	2611
8-30	do	880	1.94	3.50	1701
1919					
8-22	Earl North	421	1.21	.....	510

\*\*U. S. R. S. measurements.

## NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1917</b>					
5-16	L. D. Horrocks	1732	2.07	3.82	3592
5-21	do	2207	2.82	4.50	6223
5-31	do	2350	3.03	5.00	10151
6- 6	do	4469	3.68	5.62	16454
6-14	do	4497	3.48	5.42	15695
6-19	do	4707	3.52	5.50	17830
6-30	do	5109	4.02	5.80	20583
7- 5	do	5170	3.63	5.70	18769
7-16	do	3358	2.92	4.35	9824
7-20	do	2753	2.92	4.00	8056
7-31	do	1633	2.44	3.35	3927
8- 7	do	1347	2.26	3.20	3055
8- 9	**J. K. Rohrer	.....	.....	3.30	2984
8-14	L. D. Horrocks	1113	2.23	3.30	2485
8-22	do	1071	2.06	3.10	2214
8-31	do	833	2.06	3.00	1720
9- 5	do	731	2.00	3.07	1464
9-27	**J. K. Rohrer	.....	.....	3.60	3288
<b>1918</b>					
4-29	T. C. Palmer	1391	2.62	3.70	3644
5- 6	do	1454	2.51	3.75	3659
5-21	do	2443	3.25	4.50	7951
5-25	do	2090	3.03	4.27	6342
5-31	do	2125	2.70	4.17	5741
6-11	do	1898	2.64	4.05	5017
6-15	do	1476	2.55	3.75	3772
7- 1	do	2705	3.14	4.70	8508
7- 5	do	2047	2.68	3.97	5493
7-15	do	1076	2.30	3.35	2476
7-24	do	1524	2.18	3.55	3325
8-14	do	1330	2.21	3.55	2941
8-21	do	1404	2.27	3.60	3192
9- 3	do	654	1.82	2.98	1191
9- 6	do	677	1.76	3.08	1199
9-17	do	1173	2.09	3.45	2454
<b>1919</b>					
4-14	Palmer and North	1383	2.07	3.75	2915
4-17	do	1155	2.16	3.60	2496
4-29	Earl North	1087	2.21	3.55	2404
5- 2	do	1122	2.03	3.55	2276
5-16	do	1119	2.11	3.50	2365
5-21	do	869	1.89	3.35	1642
6- 1	do	1012	2.15	3.69	2175
6- 7	do	1194	2.12	3.50	2532
7-17	do	549	1.57	3.15	865
7-21	do	431	1.66	2.90	718
7-25	do	297	1.54	2.70	456
7-29	do	140	1.25	2.50	176
8- 4	do	719	1.71	3.30	1232
8- 7	do	965	1.78	3.50	1720
8-11	do	675	1.65	3.10	1114
8-14	do	578	1.40	2.85	812

\*\*U. S. R. S. measurements.

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
9- 2	Earl North	456	1.59	3.05	726
9-17	do	1738	2.13	4.10	3701
9-19	do	1512	2.00	3.90	3028
10- 9	do	1229	1.98	3.90	2433
10-11	do	1105	1.91	3.70	2114
10-29	do	1204	1.93	3.80	2332
10-31	do	1172	1.99	3.80	2341
<b>1920</b>					
4-20	Baumgartner and Palmer	1689	2.51	3.00	4233
5-11	do	2689	3.04	3.72	8166
5-24	G. K. Baumgartner	2697	3.38	3.80	8946
5-29	do	1845	3.20	3.00	5911
6-10	do	2030	3.11	3.30	6306
6-15	do	2179	3.13	3.30	6810
6-21	do	3252	3.38	3.80	10996
7- 1	do	2632	2.54	3.40	7675
7-12	do	1726	2.35	2.50	4055
7-16	do	1348	2.65	2.50	3377
7-17	**J. K. Rohrer	.....	.....	2.50	3330
7-31	G. K. Baumgartner	1097	2.25	2.40	2478
8- 5	do	1266	2.36	2.45	2988
8-16	do	984	2.20	2.30	2166
8-21	do	994	2.22	2.20	2210
9- 4	Palmer and Willis	1270	2.26	2.50	2874
9-30	**J. K. Rohrer	.....	.....	2.25	1769
<b>1921</b>					
3- 4	T. C. Palmer	1557	2.48	4.10	3867
4- 1	do	1130	2.00	3.50	2259
5- 6	do	1356	2.15	3.85	2919
6-13	do	3845	3.76	5.70	1448
6-15	do	4691	4.09	6.10	19176
6-17	do	5699	3.35	6.10	19089
6-24	A. H. Atkins	4945	4.65	6.20	23002
6-28	do	3829	3.72	5.40	14248
7- 9	do	1420	2.56	3.30	3634
7-14	do	1007	2.49	2.78	2514
7-15	do	.....	.....	6.00	2182
7-30	do	1107	2.72	3.28	3018
8- 2	do	1391	2.82	3.60	3923
8-13	do	1260	2.59	3.50	3266
8-18	do	909	1.28	3.20	2013
10-15	T. C. Palmer	1237	2.23	3.60	2756
<b>1922</b>					
3-15	T. C. Palmer	1688	2.52	4.00	4252
4- 8	A. E. Johnston	963	2.76	3.45	2551
4-20	do	1023	1.95	3.50	1997
4-22	T. C. Palmer	907	2.01	3.50	1823
5- 4	A. E. Johnston	1151	2.48	3.65	2864
5-18	do	2024	2.76	4.50	5594
5-25	do	2984	3.48	5.00	10390

\*\*U. S. R. S. measurements.

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## NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA (Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6- 3	A. E. Johnston	4601	1.99	4.80	9164
6- 8	do	2002	2.99	4.30	5966
6-20	do	550	1.76	2.50	972
6-26	do	535	1.67	2.50	898
7- 5	do	1148	2.72	3.60	2934
7-10	do	1044	2.30	3.50	2406
7-24	do	806	2.08	3.10	1676
7-28	do	719	2.06	3.00	1484
8- 8	do	833	3.03	3.50	2532
8-11	do	1137	2.10	3.55	2395
8-29	do	346	1.52	2.50	527
9- 5	Johnston and Eyerly	675	.59	2.50	402
9- 9	A. E. Johnston	381	1.66	2.85	632
9-18	Johnston and Easterday	620	1.74	2.96	1080
9-26	A. E. Johnston	584	1.79	3.00	1046
<b>1923</b>					
1-11	A. E. Johnston	1489	2.22	4.60	3313
2-28	do	1626	2.22	4.40	3617
3-28	do	795	2.03	3.30	1612
4-11	do	961	1.88	3.50	1802
5-19	do	1391	2.43	4.00	3386
5-23	do	1781	2.73	4.40	4862
5-31	do	2066	2.87	4.30	5934
6-17	do	2123	2.80	4.20	5964
7- 2	do	1368	2.24	3.70	3074
7- 9	E. F. Ketcham	771	1.94	3.20	1495
7-10	A. H. Atkins	632	2.18	2.80	1384
7-30	E. F. Ketcham	2055	2.85	4.40	5861
8-10	A. E. Johnston	2748	3.22	4.75	8859
8-13	A. H. Atkins	198	2.55	4.20	5071
8-28	do	892	3.53	3.75	3150
9- 8	do	717	1.80	3.00	1294
9-14	A. E. Johnston	687	2.00	3.15	1378
9-28	A. H. Atkins	1330	2.02	3.80	2678
10- 3	do	4080	4.52	6.00	18468
10-17	do	1483	2.31	3.60	3427
10-23	Atkins and Wood	1563	2.12	3.50	3321
11- 5	A. E. Johnston	1318	2.41	3.70	3187
11-14	A. H. Atkins	1664	2.31	3.70	3845
11-26	A. E. Johnston	1213	2.15	3.70	3007
<b>1924</b>					
2- 7	A. E. Johnston	1421	1.83	4.95	2602
3- 1	do	2131	2.69	5.05	5754
3-12	do	1510	2.58	4.00	3894
3-28	do	1299	2.81	3.75	3641
4-23	do	2692	3.20	4.45	8621
5-23	do	2374	3.01	4.15	7165
7-17	do	1928	2.83	3.95	5454
7-18	do	849	2.50	3.20	2126
7-21	do	967	2.04	3.15	1973

## STATE OF NEBRASKA

NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
8- 5	C. G. Hrubesky	787	1.98	2.80	1567
8-20	do	1182	2.16	3.50	2564
8-29	do	625	2.07	3.00	1293
10-18	A. E. Johnston	1510	2.60	3.85	3919
10-24	do	1630	2.54	3.75	4143
11-11	do	1411	2.55	3.80	3629
12- 3	do	1082	2.53	3.70	2735
<b>1925</b>					
2-11	A. E. Johnston	2061	2.64	5.30	5444
3-12	do	951	2.86	3.40	2725
4- 9	do	1092	2.86	3.60	3088
4-30	A. W. Hall	602	2.07	3.20	1250
5- 8	A. E. Johnston	531	2.20	3.00	1168
5-18	do	732	2.48	3.30	1809
6- 6	do	556	1.43	2.70	979
6-12	do	2195	2.71	4.40	5948
6-29	do	278	2.10	2.45	584
7- 7	do	152	2.26	2.30	345
7-16	do	315	1.84	2.60	587
7-18	do	469	2.20	2.90	1034
7-21	do	352	2.03	2.80	713
8- 6	do	2441	1.72	3.95	4192
8-11	do	106	2.44	3.45	2588
8-28	do	948	2.52	3.30	2406
9- 2	do	566	2.27	2.85	1286
9-18	do	1051	2.75	3.60	2897
9-23	do	1071	2.68	3.60	2867
10- 2	do	1162	2.66	3.60	3103
11- 5	do	1406	2.80	3.75	3913
12-12	A. W. Hall	937	2.16	3.30	2023
<b>1926</b>					
2-11	A. E. Johnston	1461	3.20	3.85	4692
3-17	do	904	2.73	3.40	2477
4- 6	do	898	2.68	3.50	2503
4-27	do	1605	3.22	4.00	5158
5-18	do	1253	2.83	3.70	3651
6-11	do	1720	3.21	4.05	5522
6-19	do	2544	3.78	4.85	9630
6-25	do	2219	3.43	4.30	7613
7-21	do	1441	2.87	3.60	4147
8- 2	do	1089	2.60	3.50	2921
8- 8	do	886	2.40	3.10	2126
8-23	do	1150	2.62	3.50	3029
8-31	do	841	1.96	3.10	1651
9-28	do	1220	2.66	3.60	3245
10-23	do	1158	2.78	3.65	3219
11-11	do	1107	2.69	3.50	2971
12- 8	A. W. Hall	1154	2.62	3.85	3021

NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
1-12	A. W. Hall	1061	1.92	4.05	2041
2-16	do	.....	.....	3.80	.....
3-17	do	1780	1.68	3.43	2986
4- 8	A. E. Johnston	1548	2.46	3.50	3315
4-16	do	1618	2.87	3.85	4640
4-18	do	1900	2.44	4.20	6544
5- 6	do	1819	3.20	4.10	5840
5-19	do	2383	3.16	4.30	7526
6-13	do	1120	2.74	3.50	3069
7- 1	do	1415	3.12	3.88	4405
7-14	do	929	2.36	3.15	2197
7-20	do	537	2.24	2.80	1200
7-25	do	614	2.30	3.00	1409
8- 8	do	2413	3.53	4.60	8526
8-22	do	1550	3.79	4.00	5887
9-13	do	851	2.39	3.05	2027
10- 5	do	1831	3.18	4.12	5831
10-18	do	1197	2.82	3.60	3375
10-27	do	1224	2.57	3.55	3155
11-15	do	1082	2.99	3.50	3220
11-28	do	1324	2.44	3.65	3233
12- 9	do	890	1.27	3.80	1133
<b>1928</b>					
1-24	A. E. Johnston	1088	2.27	4.00	2469
2- 8	C. E. Franklin	1536	2.38	4.40	3673
2-27	A. E. Johnston	798	2.81	3.40	2253
3- 8	do	1307	2.82	3.70	3697
3-26	do	1029	2.28	3.40	2356
4-23	do	904	2.58	3.35	2312
5-26	do	1794	2.89	4.10	5192
5-28	do	2303	3.14	4.50	7249
6- 9	do	3764	4.14	5.40	15594
6-26	do	2074	3.03	4.10	6275
7-17	do	858	2.53	2.80	2170
7-27	do	1373	2.88	3.50	3973
8- 8	do	133	2.66	3.45	3541
8-22	do	368	1.97	2.30	726
8-25	do	547	1.88	2.65	1031
8-29	do	461	2.04	2.70	943
9- 3	do	667	2.04	2.90	1363
9-10	do	807	2.18	3.05	1765
9-15	do	774	2.24	3.00	1735
10-16	do	1022	2.34	3.40	2389
11- 2	do	959	2.26	3.40	2165
11-10	do	1318	2.43	3.65	3211
11-23	do	1153	2.48	3.55	2868
12- 5	do	798	2.45	3.50	1955
12-17	do	1129	2.55	3.90	2881

## STATE OF NEBRASKA

## SOUTH PLATTE RIVER AT OVID, COLORADO

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.- Ft.
<b>1921</b>					
11-16	T. C. Palmer	220	2.28	.....	503
<b>1922</b>					
3-14	T. C. Palmer	448	2.39	.....	1074
4-18	do	38	1.18	.....	45
5-17	do	38	1.39	0.30	53
6- 9	A. E. Johnston	24	1.18	.....	29
6-26	do	19	1.03	.00	20
6-27	T. C. Palmer	17	1.09	.05	19
7-10	do	20	1.24	.05	24
7-11	do	25	.98	.50	25
7-29	A. E. Johnston	25	.74	.10	19
8- 7	do	12	1.07	.17	13
8-19	do	13	.84	.10	11
8-31	Johnston and Eyerly	20	.71	.10	15
9-20	A. E. Johnston	9	1.06	.08	9
9-30	do	14	1.09	.18	16'
10-17	do	14	1.21	.18	17
11-21	do	87	1.68	.70	147
<b>1923</b>					
1- 4	A. E. Johnston	127	3.77	1.30	478
1-18	do	167	1.87	1.30	313
2- 5	do	192	1.20	1.90	232
2-23	do	178	1.92	1.35	343
3-20	do	102	1.91	1.15	195
4-19	do	42	1.87	.65	79
5-25	do	378	2.62	2.20	992
6- 4	Ketcham and Bailey	151	2.01	.90	304
6- 8	A. E. Johnston	114	1.71	1.30	197
7- 3	do	452	1.48	.....	672
7-12	A. H. Atkins	79	1.73	.40	137
7-16	A. E. Johnston	150	2.12	1.00	318
7-21	E. F. Ketcham	186	1.79	1.30	336
8- 2	A. E. Johnston	224	2.08	1.50	455
8-15	A. H. Atkins	187	1.77	1.20	333
8-22	A. E. Johnston	212	2.23	.....	474
8-29	E. F. Ketcham	126	1.87	1.20	337
9-10	A. H. Atkins	31	1.32	.60	41
9-21	A. E. Johnston	195	2.01	1.65	393
10- 4	A. H. Atkins	360	1.38	2.10	716
10-10	A. E. Johnston	527	2.50	2.40	1318
10-19	do	589	2.68	2.50	1586
11- 3	do	822	2.92	2.80	2405
11-16	A. H. Atkins	866	2.79	3.10	2420
11-23	A. E. Johnston	767	1.92	2.95	2244
12- 5	do	644	2.70	2.50	1743
<b>1924</b>					
2- 4	A. E. Johnston	744	2.87	3.00	2133
2-25	do	690	2.48	2.60	1715
3-10	do	434	2.75	2.25	1197
3-26	do	731	2.87	2.85	2101
5- 1	do	972	3.35	3.30	3083

SOUTH PLATTE RIVER AT OVID, COLORADO  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
1- 3	A. E. Johnston	2016	3.58	4.45	7227
6-28	do	303	2.47	.....	749
8- 5	do	16	1.10	.....	17
8- 7	C. G. Hrubesky	13	.96	.....	14
8-18	do	24	1.14	.....	28
8-25	A. E. Johnston	11	.94	.....	10
8-30	C. G. Hrubesky	11	.98	.....	11
9- 3	A. E. Johnston	19	.67	.....	13
9-15	C. G. Hrubesky	.....	.....	.....	255
10- 8	A. E. Johnston	116	1.95	.....	227
11-10	do	155	2.12	1.25	329
<b>1925</b>					
2-19	A. E. Johnston	427	2.39	2.00	1021
3-23	do	127	1.68	1.30	213
4-17	do	31	1.24	.95	39
5- 1	A. W. Hall	6	.87	.....	6
5- 6	A. E. Johnston	20	1.15	.85	23
5-11	C. E. Franklin	25	1.00	.90	25
5-29	do	22	1.06	.90	23
6- 4	A. E. Johnston	15	1.26	.80	19
6-13	C. E. Franklin	18	.90	.88	17
6-22	do	18	.74	.85	14
7-11	do	17	.92	.71	15
7-31	do	26	.70	.95	18
8- 6	do	27	.64	.91	17
8-11	do	24	1.55	.91	15
8-18	do	20	.63	.94	13
8-25	do	18	1.04	.95	19
9- 2	do	13	.73	.90	10
9- 8	do	22	.69	.84	15
9-16	do	23	1.07	1.00	25
9-26	do	14	.96	.99	13
10- 1	A. E. Johnston	15	1.27	.....	20
11-17	do	177	2.23	.....	395
<b>1926</b>					
2- 2	A. E. Johnston	2402	2.45	.....	5876
2-19	do	288	2.60	.....	749
3- 8	C. E. Franklin	137	2.02	.....	275
3-17	do	109	1.70	.....	186
3-23	do	98	1.57	.....	154
3-30	do	111	1.58	.....	175
4- 6	do	76	1.67	.....	127
4-15	do	38	1.48	.....	57
4-21	do	24	1.21	.....	29
5-12	do	823	3.00	.....	2473
7-12	do	147	2.93	.....	430
8- 6	do	11	1.00	.....	11
9- 4	do	33	1.30	.....	43
10-12	A. E. Johnston	233	2.18	.....	509
11- 3	do	174	2.16	.....	376



## STATE OF NEBRASKA

## SOUTH PLATTE RIVER AT JULESBURG, COLORADO

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
11-16	T. C. Palmer	239	2.27	.....	543
<b>1922</b>					
3-14	T. C. Palmer	447	2.13	1.80	953
4-18	do	48	1.22	.....	58
10-17	A. E. Johnston	19	1.65	.....	31
<b>1923</b>					
1-18	A. E. Johnston	143	2.25	.....	323
2-23	do	140	2.47	.....	346
3-20	do	134	1.76	.....	236
4-18	do	61	2.29	.....	139
5-25	do	466	2.35	.....	1097
6-4	Bailey and Ketcham	152	2.35	.....	358
6-7	A. E. Johnston	117	2.18	.....	256
7-3	do	373	2.36	.....	882
7-12	A. H. Atkins	223	2.31	.....	515
7-16	A. E. Johnston	213	2.10	.....	449
7-31	E. F. Ketcham	190	1.92	.....	366
8-2	A. E. Johnston	223	2.50	.....	559
8-14	A. H. Atkins	165	2.09	.70	345
8-22	A. E. Johnston	232	2.23	.....	516
8-25	E. F. Ketcham	186	2.04	.....	381
8-29	do	168	1.98	.....	334
9-9	A. H. Atkins	36	1.57	1.50	56
9-20	A. E. Johnston	193	2.20	.....	425
10-4	A. H. Atkins	398	1.91	.....	762
10-10	A. E. Johnston	563	2.20	.....	1395
10-19	do	530	2.10	.....	1219
11-2	do	735	2.41	.....	1774
11-15	A. H. Atkins	1120	2.54	.30	2845
11-23	A. E. Johnston	450	2.68	.....	2015
12-5	do	678	2.59	2.70	1760
<b>1924</b>					
2-25	A. E. Johnston	638	2.57	2.55	1643
3-10	do	487	2.82	2.00	1376
3-26	do	750	2.66	2.75	1994
4-30	do	970	2.76	3.10	2683
6-3	do	3697	1.66	4.00	6163
6-28	do	337	2.55	1.75	861
8-6	do	19	1.32	.....	25
8-7	C. G. Hrubesky	31	1.26	.....	39
8-18	do	41	1.17	.....	48
8-25	A. E. Johnston	23	1.15	.....	27
8-30	C. G. Hrubesky	22	1.54	.....	34
9-4	A. E. Johnston	27	1.20	.....	32
9-15	C. G. Hrubesky	.....	.....	.....	247
10-8	A. E. Johnston	131	2.04	1.05	261
11-10	do	164	2.24	1.40	369
<b>1925</b>					
2-19	A. E. Johnston	384	2.62	2.10	1003
3-21	do	173	2.28	1.40	394
4-17	do	50	1.90	.80	95

## SOUTH PLATTE RIVER AT JULESBURG, COLORADO

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5- 1	A. W. Hall	43	1.32	.....	57
5- 6	A. E. Johnston	24	1.35	.50	32
5-12	C. E. Franklin	30	1.27	.60	38
5-29	do	21	1.05	.79	22
6- 4	A. E. Johnston	27	1.32	.65	23
6-13	C. E. Franklin	26	1.71	.76	45
6-23	do	25	1.23	.70	30
7-11	do	15	1.31	.21	20
7-31	do	36	1.04	.74	37
8- 6	do	18	1.17	.68	22
8-11	do	20	1.13	.61	23
8-18	do	16	1.40	.69	23
8-25	do	24	1.49	.72	35
9- 2	do	17	1.25	.66	21
9- 8	do	17	1.31	.67	23
9-16	do	28	1.67	.77	47
9-26	do	22	1.45	.70	32
10- 2	A. E. Johnston	28	1.58	.70	44
11-17	do	7	1.68	1.70	12

## CHANNEL NO. 1

<b>1926</b>					
2- 2	A. E. Johnston	55	2.18	2.60	206
2-18	do	55	2.53	1.85	243
3- 8	**J. H. Bailey	75	2.29	1.70	171
3- 9	C. E. Franklin	69	2.14	1.59	148
3-17	do	70	2.10	1.71	146
3-23	do	57	1.92	1.49	108
3-30	do	60	1.92	1.50	116
4- 6	do	49	1.95	1.41	96
4-14	**J. R. Williams	37	1.77	1.25	66
4-15	C. E. Franklin	31	1.80	1.18	56
4-20	do	16	1.25	.92	21
4-27	do	356	2.85	3.51	1016
4-29	do	225	2.81	3.05	630
5- 7	do	220	3.03	2.85	623
5-13	do	224	2.98	3.06	666
5-19	**C. E. Feetham.	187	2.52	2.52	472
5-21	C. E. Franklin	165	2.61	2.48	431
5-26	do	116	2.22	1.95	257
5-31	do	88	2.50	1.65	222
6-13	do	199	2.64	2.47	525
6-25	do	243	2.82	2.92	686
7- 1	do	42	2.14	1.13	90
7-12	do	221	1.61	2.69	356
7-15	**C. E. Feetham	242	8.84	2.93	2136
7-25	C. E. Franklin	33	1.61	.98	52
8- 7	do	22	1.66	.82	35
8-19	**C. E. Feetham	43	1.93	1.32	83
8-24	C. E. Franklin	54	1.83	1.42	98
9- 1	do	20	1.65	.95	33
9-14	do	57	2.08	1.47	118
10-13	A. E. Johnston	89	2.40	2.00	214
10-21	A. W. Hall	70	2.48	1.74	174

\*\*Colorado measurements.

## STATE OF NEBRASKA

## SOUTH PLATTE RIVER AT JULESBURG, COLORADO

(Continued)

## CHANNEL NO. 2

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1926					
2- 2	A. E. Johnston	148	2.45	1.30	362
2-18	do	138	2.64	1.40	366
3- 8	**J. H. Bailey	94	1.95	1.10	183
3- 9	C. E. Franklin	87	2.00	1.00	174
3-17	do	73	2.00	.93	146
3-23	do	56	1.88	.73	105
3-30	do	53	1.80	.73	95
4- 6	do	48	1.55	.74	75
4-14	**J. R. Williams	43	1.91	.59	82
4-15	C. E. Franklin	32	1.88	.55	59
4-20	do	19	1.60	.30	31
4-27	do	573	2.66	3.23	1521
4-29	do	447	2.40	2.59	1072
5- 7	do	421	2.40	2.47	1006
5-13	do	521	2.45	2.79	1272
5-19	**C. E. Feetham	239	2.60	2.05	620
5-21	C. E. Franklin	232	2.61	2.01	604
5-26	do	126	2.29	1.48	289
5-31	do	94	2.16	.98	202
6-13	do	302	3.18	2.75	1156
6-25	do	492	2.84	2.88	1396
7- 1	do	32	1.79	.50	58
7-12	do	360	2.61	2.32	941
7-15	**C. E. Feetham	397	2.79	2.53	1109
7-25	C. E. Franklin	6	1.14	.20	7
8- 7	do	3	.70	.35	2
8-19	**C. E. Feetham	15	1.31	1.11	19
8-24	C. E. Franklin	18	1.40	1.06	26
9- 1	do	9	.29	.83	3
9-14	do	18	1.41	1.06	26
10-13	A. E. Johnston	62	2.86	2.10	177
10-21	A. W. Hall	81	2.31	1.95	187

## CHANNEL NO. 3

1926					
2-18	A. E. Johnston	.....	.....	.....	0.0
3- 8	**J. H. Bailey	.....	.....	1.05	†.3
3- 9	C. E. Franklin	.....	.....	.....	.0
3-17	do	.....	.....	.....	.0
3-30	do	.....	.....	.....	.0
4- 6	do	.....	.....	.....	†.2
4-15	do	.....	.....	.....	.0
4-20	do	.....	.....	.....	.0
4-27	do	208.0	2.09	2.60	435.0
4-29	do	91.0	1.59	2.08	144.0
5- 7	do	70.0	1.37	2.07	97.0
5-13	do	193.0	2.12	2.42	408.0
5-19	**C. E. Feetham	57.0	1.52	1.95	87.0
5-21	C. E. Franklin	35.0	2.15	1.81	76.0

\*\*Colorado measurements.

†Estimated.

SOUTH PLATTE RIVER AT JULESBURG, COLORADO  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5-26	C. E. Franklin	19.0	1.61	.....	31.0
5-31	do	3.0	1.42	.....	4.0
6-13	do	96.0	2.73	2.51	263.0
6-25	do	146.0	2.28	2.91	334.0
7- 1	do	24.0	1.55	1.79	38.0
7-12	do	81.0	2.62	2.49	213.0
7-15	**C. E. Feetham	107.0	2.33	2.55	249.0
7-25	C. E. Franklin	6.0	.55	1.29	3.0
8- 7	do	.7	1.25	1.17	.8
8-19	**C. E. Feetham	.....	.....	1.09	†3.0
8-24	C. E. Franklin	6.0	.56	1.31	4.0
9- 1	do	.....	.....	1.86	†.5
9-14	do	7.0	.59	2.03	4.0
10-13	A. E. Johnston	15.0	2.08	.....	32.0
10-21	A. W. Hall	13.0	1.29	.....	17.0

## CHANNEL NO. 4

<b>1926</b>					
2- 2	A. E. Johnston	14	1.68	.....	24.0
2-18	do	5	1.57	.....	8.0
3- 8	**J. H. Bailey	3	.55	1.80	1.0
2- 9	C. E. Franklin	.....	.....	.....	†.5
3-17	do	.....	.....	.....	†.5
3-30	do	.....	.....	.....	†.5
4- 6	do	.....	.....	.....	†.5
4-15	do	.....	.....	.....	†1.0
4-20	do	.....	.....	.....	†.5
4-27	do	61	1.95	2.75	119.0
4-29	do	26	1.85	2.38	48.0
5- 7	do	25	1.67	2.40	42.0
5-13	do	.....	.....	2.53	21.0
5-19	**C. E. Feetham	15	1.72	2.26	25.0
5-21	C. E. Franklin	15	2.04	2.28	30.0
5-26	do	7	.96	.....	8.0
5-31	do	.....	.....	.....	†6.0
6-13	do	22	2.50	2.69	55.0
6-25	do	26	2.53	2.78	66.0
7- 1	do	.....	.....	2.01	†.7
7-12	do	18	1.38	2.48	25.0
7-15	**C. E. Fetham	79	1.73	2.50	33.0
7-25	C. E. Franklin	.....	.....	2.00	†.1
8- 7	do	.....	.....	.....	†.05
8-19	**C. E. Feetham	.....	.....	2.02	†.3
8-24	C. E. Franklin	.....	.....	2.21	†.3
9- 1	do	.....	.....	1.81	†.1
9-14	do	.....	.....	2.86	†.1
10-21	A. W. Hall	1	.48	.....	.6
11- 4	A. E. Johnston	.....	.....	.....	†2.0

\*\*Colorado measurements.

† Estimated.

## STATE OF NEBRASKA

SOUTH PLATTE RIVER AT JULESBURG, COLORADO  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
CHANNEL NO. 1					
1927					
2-14	A. W. Hall	.....	.....	1.95	Ice.
3-25	C. E. Franklin	140	2.60	2.30	363
4-12	do	89	2.32	2.05	207
4-21	do	247	2.80	2.32	691
4-29	do	179	2.73	3.14	493
5-13	do	71	2.31	1.79	164
5-17	**C. E. Feetham	49	2.24	1.66	139
6-17	do	68	2.13	1.81	146
6-30	C. E. Franklin	13	1.57	1.02	21
7- 8	do	9	1.45	1.00	13
7-19	**C. E. Feetham	11	1.16	.92	13
7-22	C. E. Franklin	11	1.45	.97	16
8- 6	do	84	2.30	2.02	195
8-19	do	29	1.98	1.32	58
9- 3	do	8	1.18	.95	10
9-15	**C. E. Feetham	8	.96	.86	7
9-28	C. E. Franklin	36	2.64	1.44	73
10-22	**C. E. Feetham	.....	.....	1.64	108
11- 2	C. E. Franklin	62	2.08	1.75	129
11-26	do	58	2.61	1.65	117
12-19	do	23	.85	1.60	20

## CHANNEL NO. 2

1927					
2-14	A. W. Hall	.....	.....	.....	Ice.
3-25	C. E. Franklin	282	2.44	2.98	690
4-12	do	164	2.39	2.58	393
4-21	do	501	2.69	3.62	1349
4-29	do	342	2.36	3.52	838
5-13	do	140	2.24	2.29	315
5-17	**C. E. Feetham	81	2.15	1.98	174
6-17	do	107	2.24	2.18	239
6-30	C. E. Franklin	14	1.16	1.23	17
7- 8	do	10	1.30	1.20	14
7-19	**C. E. Feetham	7	1.23	1.38	10
7-22	C. E. Franklin	.....	.....	.....	12
8- 6	do	287	1.17	2.53	336
8-19	do	549	1.70	1.70	93
9- 3	do	19	1.10	1.30	21
9-15	**C. E. Feetham	18	1.51	1.38	27
9-28	C. E. Franklin	67	1.79	.....	120
10-22	**C. E. Feetham	.....	.....	2.24	224
11- 2	C. E. Franklin	98	1.91	2.18	186
11-26	do	98	2.26	2.22	222
12-19	do	112	1.81	3.15	204

\*\*Colorado measurements

SOUTH PLATTE RIVER AT JULESBURG, COLORADO  
(Continued)

CHANNEL NO. 3

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
2-14	A. W. Hall	.....	.....	.....	Ice.
3-25	C. E. Franklin	80	1.76	2.20	141.0
4-12	do	35	1.71	1.97	60.0
4-21	do	167	2.17	2.80	363.0
4-29	do	103	2.04	2.45	214.0
5-13	do	31	1.60	1.90	50.0
5-17	**C. E. Feetham	24	1.50	2.84	37.0
6-17	do	34	1.52	2.90	51.0
6-30	C. E. Franklin	5	.61	1.46	3.0
7- 8	do	4	.45	1.35	2.0
7-15	do	.....	.....	1.35	†2.0
7-19	**C. E. Feetham	.....	.....	2.28	1.0
7-22	C. E. Franklin	.....	.....	1.35	†2.0
8- 6	do	37	1.86	2.05	70.0
8-12	do	16	1.35	1.61	22.0
8-19	do	12	1.27	1.51	15.0
9- 3	do	.....	.....	1.95	†.5
9- 9	do	.....	.....	2.20	†1.0
9-15	**C. E. Feetham	.....	.....	2.19	†.5
9-28	C. E. Franklin	.....	.....	2.25	†1.0
10-22	**C. E. Feetham	.....	.....	2.77	20.0
11- 1	C. E. Franklin	13	1.80	2.60	24.0
11-26	do	17	1.41	2.63	24.0
12-19	do	10	.52	3.10	6.0

CHANNEL NO. 4

1927					
2-14	A. W. Hall	.....	.....	.....	Ice.
3-25	C. E. Franklin	23	1.10	3.30	35.0
4-12	do	3	.83	3.00	3.0
4-21	do	50	1.55	3.70	78.0
4-29	do	17	1.32	3.45	23.0
5-13	do	.....	.....	1.90	†.5
5-17	**C. E. Feetham	.....	.....	2.91	†1.0
6-17	do	.....	.....	2.98	†4.0
6-30	C. E. Franklin	.....	.....	1.90	†.5
7- 8	do	.....	.....	1.90	†.3
7-15	do	.....	.....	1.90	†.3
7-19	**C. E. Feetham	.....	.....	2.92	†.3
7-22	C. E. Franklin	.....	.....	1.95	†.5
8- 6	do	.....	.....	2.05	†2.0
8-19	do	.....	.....	2.01	†.5
9- 3	do	.....	.....	3.05	†.5
9- 9	do	.....	.....	2.80	†.5
9-15	**C. E. Feetham	.....	.....	3.13	†1.0
9-28	C. E. Franklin	11	.77	3.40	9.0
10-22	**C. E. Feetham	.....	.....	3.15	3.0
11- 2	C. E. Franklin	.....	.....	3.00	†1.0
11-26	do	.....	.....	3.03	†1.0
12-19	do	.....	.....	.....	Ice.

\*\*Colorado measurements.  
† Estimated.

## STATE OF NEBRASKA

SOUTH PLATTE RIVER AT JULESBURG, COLORADO  
(Continued)

## CHANNEL NO. 1

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-20	C. E. Franklin	8	1.69	1.50	13
2-15	do	58	2.38	1.75	138
3- 3	do	101	2.30	2.20	236
3-20	do	91	2.33	2.04	213
4- 8	do	23	1.66	1.29	38
4-17	do	16	1.59	1.20	26
5- 8	do	12	1.37	1.09	16
5-15	do	32	1.61	1.43	51
5-25	do	80	2.02	2.01	173
6-15	do	201	2.72	2.80	546
7- 7	do	129	2.60	2.60	336
7-25	do	163	2.52	2.43	412
8-13	do	41	1.67	1.40	69
8-25	do	8	1.46	.96	12
9- 6	do	8	1.57	.95	13
9-19	do	8	1.77	.95	14
9-29	do	8	1.60	.93	13
10-17	do	76	2.30	1.88	174
11- 2	do	47	1.95	1.88	91
11-20	do	70	2.21	1.85	156
12-18	do	77	1.81	1.85	138

## CHANNEL NO. 2

<b>1928</b>					
1-20	C. E. Franklin	147	2.85	2.50	419
2-15	do	173	1.46	2.30	253
3- 3	do	198	2.44	2.86	482
3-20	do	159	2.24	2.50	357
4- 8	do	20	1.45	1.32	29
4-17	do	15	1.52	1.35	24
5- 8	do	8	1.12	1.17	9
5-15	do	49	1.96	1.75	96
5-25	do	159	2.24	2.49	356
6-16	do	449	2.44	3.53	1098
7- 7	do	224	2.54	2.85	568
7-25	do	335	1.85	3.04	810
8-13	do	75	1.78	1.74	133
8-25	do	8	1.56	1.11	13
9- 6	do	7	1.90	1.10	14
9-19	do	10	1.22	1.14	13
9-29	do	8	1.92	1.13	15
10-17	do	158	2.28	2.30	362
11- 2	do	90	2.08	1.88	188
11-20	do	111	2.22	2.10	246
12-18	do	106	1.93	1.95	205

## CHANNEL NO. 3

<b>1928</b>					
1-20	C. E. Franklin	.....	.....	2.30	+3.0
2-15	do	15	1.63	2.65	24.0
3- 3	do	34	1.93	3.20	67.0

SOUTH PLATTE RIVER AT JULESBURG, COLORADO  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
3-20	C. E. Franklin	13	1.83	2.70	23.0
4- 8	do	.....	.....	2.00	†.2
4-17	do	.....	.....	2.05	†.2
5- 8	do	.....	.....	2.05	†.1
5-15	do	.....	.....	2.08	†.5
5-25	do	.....	.....	2.10	†.5
6-17	do	93	2.28	3.45	212.0
7- 7	do	30	1.89	3.05	56.0
7-25	do	39	2.12	3.07	83.0
8-13	do	.....	.....	2.00	.0
8-25	do	.....	.....	1.90	.0
9- 6	do	.....	.....	1.85	.0
9-19	do	.....	.....	2.00	.0
9-29	do	.....	.....	2.06	.0
10-17	do	7	1.27	2.55	9.0
11- 2	do	.....	.....	2.25	†.3
11-20	do	.....	.....	2.33	†.7
12-18	do	.....	.....	2.00	†.5

## CHANNEL NO. 4

1928					
1-20	C. E. Franklin	.....	.....	3.20	†0.5
2-15	do	.....	.....	3.00	†.5
3- 3	do	.....	.....	.....	†1.5
3-20	do	.....	.....	2.90	†1.0
4- 8	do	.....	.....	.....	†.2
4-17	do	.....	.....	3.10	†.2
5- 8	do	.....	.....	3.00	†.5
5-15	do	.....	.....	3.20	†2.5
5-25	do	8	2.02	3.49	17.0
6-17	do	59	1.37	.....	81.0
7- 7	do	22	1.61	3.68	35.0
7-25	do	16	1.37	3.57	22.0
8-13	do	.....	.....	2.84	.0
8-25	do	.....	.....	2.85	†.4
9- 6	do	.....	.....	2.90	†.5
9-19	do	.....	.....	2.85	†.2
9-29	do	.....	.....	2.95	†1.0
10-17	do	38	1.00	3.15	4.0
11- 2	do	.....	.....	2.80	†.5
11-20	do	.....	.....	2.90	†.5
12-18	do	.....	.....	2.89	†.5

† Estimated.



## SOUTH PLATTE RIVER AT OGALALLA, NEBRASKA

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
3-14	T. C. Palmer	544	2.25	1.20	1226
5- 9	do	235	2.21	.....	521
5-17	A. E. Johnston	73	2.22	.....	162
5-26	do	47	1.54	.....	72
6- 2	do	60	1.85	.....	110
6- 9	do	39	1.83	.....	71
6-19	do	30	1.66	.....	49
6-26	do	14	1.47	.....	21
7- 3	do	29	1.53	.....	45
7-11	do	28	1.77	.....	50
7-21	do	24	1.70	.....	41
7-29	do	43	1.73	.....	74
8- 7	do	43	1.76	.35	76
8-18	do	14	1.35	.00	19
8-31	Johnston and Eyerly	17	1.39	.90	24
9-20	Johnston and Easterday	12	1.35	.90	16
9-26	A. E. Johnston	16	1.86	.90	30
9-30	do	17	1.76	.90	30
10-18	do	12	1.42	.95	18
10-25	do	21	1.90	.95	40
11-22	do	80	2.03	1.70	163
11-27	do	44	2.39	1.45	104
<b>1923</b>					
1-11	A. E. Johnston	167	2.10	2.20	353
2-10	do	111	2.19	2.00	244
3- 1	do	135	2.31	2.05	313
3-28	do	148	2.35	2.10	346
4-11	do	81	1.95	1.80	159
4-18	do	39	1.74	1.50	68
5-18	do	79	2.08	1.65	164
5-23	do	506	2.44	3.20	1232
5-30	do	237	2.52	2.70	851
6- 7	do	185	2.24	2.10	416
6-13	do	393	2.46	2.85	970
6-15	do	1517	4.80	6.60	7288
6-15	do	2298	5.00	8.20	11499
6-29	do	3448	.69	3.70	2408
7- 7	E. F. Ketcham	168	2.11	2.20	356
7-11	A. H. Atkins	92	2.30	.90	212
7-20	A. E. Johnston	184	2.55	2.30	471
7-26	A. H. Atkins	341	2.87	2.50	980
7-31	E. F. Ketcham	241	2.21	2.40	524
8-13	A. E. Johnston	218	2.44	2.25	532
8-14	A. H. Atkins	235	2.10	2.30	493
9- 9	do	25	1.07	1.80	27
9-13	A. E. Johnston	62	2.13	1.00	133
10- 4	A. H. Atkins	339	1.84	2.70	626
10-18	A. E. Johnston	447	2.87	3.30	1287
11- 3	do	704	2.91	3.80	2051
11-15	A. H. Atkins	973	2.65	4.20	2582
11-24	A. E. Johnston	813	2.96	4.10	2400

## HYDROGRAPHIC REPORT—1928

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SOUTH PLATTE RIVER AT OGALALLA, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
3- 3	A. E. Johnston	533	2.89	3.50	1543
3-13	do	449	3.08	3.45	1382
3-28	do	773	2.58	4.05	2230
4- 3	do	834	2.97	4.00	2480
4-22	do	1047	2.17	4.60	3319
5-22	do	121	2.15	.....	216
6- 3	do	1090	3.13	4.80	3423
6-16	do	1820	2.74	4.95	5001
7-16	do	28	1.69	.....	48
7-23	do	25	1.27	.....	33
8- 7	C. G. Hrubesky	17	1.68	.....	29
8-19	do	15	1.47	.....	21
8-26	A. E. Johnston	13	1.32	.....	17
9- 1	C. G. Hrubesky	9	1.06	.....	10
10- 8	A. E. Johnston	160	2.24	.....	358
10-25	do	200	2.41	2.70	483
11-11	do	152	2.43	2.65	370
12- 1	do	205	2.30	.....	472
<b>1925</b>					
2-10	A. E. Johnston	472	2.57	3.35	1214
3-11	do	197	2.09	2.70	412
4- 7	do	194	1.97	2.15	383
5- 6	do	24	1.53	1.99	37
5-19	do	37	1.61	2.00	60
6- 5	do	26	1.45	1.80	38
6-13	do	83	1.54	2.25	128
6-27	do	24	1.00	2.00	24
7- 8	do	12	1.14	1.90	13
8- 5	do	14	.90	1.95	13
8-26	do	43	1.60	2.15	69
9-17	do	61	1.82	2.30	111
9-25	do	29	1.27	1.95	37
10- 2	do	25	1.31	1.85	33
10-15	do	26	1.40	1.95	36
11- 5	do	157	2.24	2.65	352
<b>1926</b>					
2-10	A. E. Johnston	246	2.50	2.90	615
3-17	do	185	2.31	2.70	429
4- 8	do	117	1.72	2.40	201
4-29	do	715	2.83	4.00	2021
5-20	do	535	3.04	3.50	1623
6-12	do	225	2.58	2.75	580
6-19	do	1654	2.54	5.50	5854
6-28	do	526	2.88	3.30	1519
7-22	do	194	2.06	.....	400
7-31	do	43	1.68	.....	72
8- 9	do	221	1.05	.....	23
8-21	do	77	1.90	1.90	146
9- 1	do	50	1.68	1.85	84
9-29	do	98	2.02	1.15	198
10-25	do	162	2.40	2.50	389

## STATE OF NEBRASKA

SOUTH PLATTE RIVER AT OGALALLA, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4- 7	A. E. Johnston	381	2.57	3.20	995
4-19	do	908	3.08	4.20	2794
5- 5	do	381	2.34	2.95	895
6-15	do	127	2.20	2.50	279
6-30	do	65	1.46	2.00	95
7-26	do	13	1.36	1.70	18
8- 6	do	21	2.42	3.75	49
8-23	do	90	1.80	2.20	162
9-14	do	13	1.09	.....	14
10- 6	do	276	2.07	2.95	557
11-16	do	207	2.25	2.70	466
11-26	do	203	2.43	2.75	493
<b>1928</b>					
1-23	A. E. Johnston	128	2.42	3.00	335
2- 2	do	411	2.16	3.40	892
2-28	do	499	2.67	3.30	1331
3- 7	do	332	2.40	2.95	794
3-27	do	146	2.70	2.70	396
4-24	do	32	1.33	2.00	43
5-31	do	135	1.86	2.50	251
6- 8	do	873	2.92	4.30	2554
6-28	do	550	2.86	3.35	1570
7-19	do	137	2.53	2.40	347
7-25	do	523	3.66	3.40	1395
8- 9	do	366	2.28	2.85	837
8-28	do	24	.....	1.70	35
9- 4	do	24	1.37	1.60	33
9-18	do	14	1.24	1.55	18
10-18	do	176	1.36	2.30	240
11- 3	do	228	1.95	2.25	444
11-26	do	234	2.14	2.80	502

## SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA

<b>1915</b>					
4-19	C. J. McNamara	698	1.78	3.90	1250
5- 7	do	1760	2.14	4.40	3770
6- 9	do	1380	2.21	4.35	3060
6-26	D. P. Weeks, Jr.	730	1.65	3.98	1200
7- 9	do	206	1.45	3.55	288
7-23	do	83	1.00	3.30	83
8- 9	do	269	1.44	3.70	388
9- 7	M. M. Garrett	187	1.13	3.40	211
10- 3	R. L. Cochran	248	1.44	3.50	355
10-19	do	716	1.61	3.95	1150
10-30	do	680	1.59	3.90	1080
<b>1916</b>					
10-19	Cochran and McNamara	224	1.91	.....	428

# HYDROGRAPHIC REPORT—1928

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## SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA (Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1917</b>					
5-16	L. D. Horrocks	131	1.16	3.45	152
5-21	do	112	1.21	3.45	136
5-31	do	3015	2.74	5.40	8271
6- 6	do	3110	3.06	5.40	9549
6-14	do	2272	2.44	4.90	5561
6-19	do	1537	2.41	4.40	3713
6-30	do	722	1.97	3.90	1426
7- 4	do	601	1.97	3.78	1188
7-16	do	93	1.23	3.20	114
<b>1918</b>					
4-29	T. C. Palmer	196	1.21	3.60	238
5- 6	do	167	1.49	3.35	249
5-21	do	96	1.10	3.10	106
5-25	do	39	1.15	3.05	45
7- 5	do	108	1.83	3.30	198
7-24	do	388	1.26	3.78	481
<b>1919</b>					
4-14	North and Palmer	505	2.23	5.25	1228
4-17	do	467	2.28	5.00	1066
4-29	Earl North	252	2.19	4.50	551
5- 2	do	260	2.10	4.50	546
5-16	do	325	2.17	4.70	705
5-21	do	175	1.71	4.35	300
6- 1	do	151	1.81	4.40	273
6- 7	do	197	1.90	4.50	375
7-21	do	.....	.....	.....	0
<b>1920</b>					
4-21	Baumgartner and Palmer	533	2.39	5.00	1273
5-11	do	625	2.58	5.25	1613
5-24	G. K. Baumgartner	398	2.27	4.75	904
5-29	do	437	2.39	5.00	1043
6-10	do	108	1.29	4.20	140
6-15	do	63	.96	4.00	60
7- 1	do	158	1.54	4.35	244
7-12	do	46	1.24	4.00	57
7-17	do	7	1.11	3.70	7
9- 4	Palmer and Willis	103	1.28	3.00	132
<b>1921</b>					
3- 2	T. C. Palmer	257	1.80	2.35	462
4- 7	do	224	1.82	2.40	407
5- 6	do	302	1.86	2.40	561
6-13	do	4714	4.35	5.40	20522
7-11	A. H. Atkins	264	2.27	.95	599
7-14	do	214	2.06	1.00	443
7-30	do	51	1.34	1.28	68
8- 3	do	114	2.10	1.60	240
8-13	do	23	1.40	1.20	31
8-18	do	25	1.57	1.50	38

## STATE OF NEBRASKA

SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
3-15	T. C. Palmer	436	2.73	2.25	1187
4-10	A. E. Johnston	123	1.84	1.35	225
4-21	do	102	1.41	1.10	144
4-22	T. C. Palmer	77	1.11	1.10	85
5- 4	A. E. Johnston	368	2.23	2.00	823
5-18	do	141	1.40	1.50	198
5-25	do	84	1.22	1.40	103
6- 3	do	110	1.61	1.15	177
6- 8	do	67	1.05	1.20	70
6-20	do	5	.73	.60	3
7- 5	do	39	1.29	1.10	50
7-10	do	9	1.18	.80	10
7-24	do	50	1.43	1.17	71
7-28	do	5	.95	.80	4
8- 8	do	23	1.37	.90	31
8-11	do	8	1.34	.75	11
9-18	Johnston and Easterday	0	.00	.00	0
<b>1923</b>					
1-10	A. E. Johnston	224	2.60	2.05	584
2-28	do	155	2.11	1.85	327
3-28	do	190	2.05	1.50	388
4-12	do	83	1.60	1.15	132
5-19	do	168	1.81	.95	293
5-23	do	277	2.17	1.80	600
5-31	do	425	2.23	2.00	948
6-15	do	376	2.28	2.00	856
6-17	do	2173	4.99	5.00	10858
7- 2	do	613	2.78	2.10	1708
7- 7	E. F. Ketcham	182	1.76	1.00	322
7-10	A. H. Atkins	86	2.05	1.00	176
7-28	do	361	2.43	1.60	879
8- 9	A. E. Johnston	349	1.79	1.70	625
8-13	A. H. Atkins	304	1.71	1.60	523
8-28	do	157	1.48	1.40	234
9- 8	do	68	1.29	1.20	88
9-14	A. E. Johnston	43	1.56	1.10	68
9-29	A. H. Atkins	276	1.75	1.40	482
10- 3	do	335	1.79	1.70	603
10-17	do	460	1.99	1.90	917
10-23	Atkins and Wood	637	2.12	2.20	1431
11- 5	A. E. Johnston	581	2.87	2.40	1673
11-15	A. H. Atkins	810	2.34	2.40	1899
11-26	A. E. Johnston	716	2.84	2.65	2036
<b>1924</b>					
3- 1	A. E. Johnston	575	2.84	3.00	1637
3-12	do	494	2.12	2.70	1051
3-27	do	737	2.51	3.15	1856
4-23	do	1010	2.92	3.50	2949
5-23	do	204	1.47	2.30	302
6-17	do	1199	3.17	3.25	3812
7-17	do	15	1.50	1.10	23

SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
7-22	A. E. Johnston	17	1.16	1.10	20
8- 5	C. G. Hrubesky	.....	.....	.....	0
8-20	do	.....	.....	.....	0
8-29	do	.....	.....	.....	0
10-18	A. E. Johnston	107	1.73	1.70	218
11-11	do	178	1.86	1.95	332
12- 2	do	199	1.90	2.20	379
<b>1925</b>					
2-11	A. E. Johnston	518	2.54	2.50	1319
3-12	do	199	1.83	2.20	364
4- 8	do	179	1.79	2.20	321
4-30	A. W. Hall	.....	.....	.....	3
5- 7	A. E. Johnston	.....	.....	1.40	1
5-18	do	59	1.60	1.90	94
6- 6	do	.....	.....	.....	0
6-12	do	110	1.48	2.10	163
6-29	do	.....	.....	.....	0
7- 7	do	.....	.....	.....	0
7-21	do	.....	.....	.....	0
8- 6	do	.....	.....	.....	0
8-11	do	.....	.....	.....	0
8-28	do	.....	.....	.....	0
9- 2	do	.....	.....	.....	0
9-18	do	.....	.....	.25	0
9-23	do	.....	.....	.....	0
10- 3	do	.....	.....	.....	0
11- 6	do	139	1.80	2.15	251
12-13	A. W. Hall	227	1.38	2.30	312
<b>1925</b>					
2-11	A. E. Johnston	254	2.06	2.40	523
3-16	do	179	1.67	2.30	300
4- 6	do	142	1.67	2.15	238
4-28	do	9	1.45	1.60	13
5-19	do	544	2.50	2.75	1366
6-11	do	249	1.63	2.15	406
6-20	do	1265	3.59	3.85	4548
6-25	do	1046	3.26	3.25	3429
7-21	do	335	1.99	2.35	669
8- 2	do	.....	.....	.....	10
8- 7	do	.....	.....	.....	0
8-23	do	87	1.47	2.00	128
8-31	do	.....	.....	1.50	10
9-27	do	34	1.32	1.80	45
10-23	do	255	1.82	2.30	463
11-11	do	204	1.58	2.30	322
12- 9	A. W. Hall	240	1.97	2.40	474
<b>1927</b>					
3-17	A. W. Hall	534	2.50	2.60	1329
4-16	A. E. Johnston	592	2.37	2.60	1404
4-18	do	643	2.88	2.35	1849
5- 6	do	471	2.24	2.55	1052
5-19	do	287	1.35	2.15	388

## STATE OF NEBRASKA

SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
6-13	A. E. Johnston	120	1.61	2.10	193
7- 1	do	.....	.....	1.68	10
7-14	do	.....	.....	1.10	0
8- 8	do	72	1.37	3.00	99
8-22	do	122	1.42	2.20	174
9-14	do	.....	.....	.90	0
10- 5	do	136	1.42	2.15	194
10-18	do	143	1.80	2.20	257
10-27	do	132	1.66	2.20	219
11-15	do	126	.98	2.20	125
11-28	do	211	1.83	2.25	385
<b>1928</b>					
1-10	A. E. Johnston	.....	.....	3.20	Ice
1-24	do	337	1.24	3.15	429
2- 1	do	.....	.....	3.30	.....
2- 9	C. E. Franklin	407	1.66	3.10	678
2-27	A. E. Johnston	106	3.57	2.70	377
3- 8	do	350	2.23	2.50	780
3-26	do	160	3.16	2.45	509
5-25	do	271	1.78	2.30	484
6- 9	do	670	2.06	2.85	1380
6-26	do	705	2.19	2.75	1545
7-18	do	314	1.89	2.30	569
7-27	do	610	2.20	2.75	1345
8- 8	do	447	.....	2.50	964
8-22	do	.....	.....	1.40	20
8-29	do	.....	.....	1.30	5
9-15	do	.....	.....	1.20	5
10-17	do	.....	.....	1.20	5
11- 2	do	299	1.45	2.25	434
11-10	do	287	1.89	2.35	542
11-23	do	243	1.76	2.30	428
12-17	do	291	2.11	2.65	614

## PLATTE RIVER NEAR MAXWELL, NEBRASKA

<b>1922</b>					
9- 6	Johnston and Eyerly	322	1.20	.....	415
7-10	A. E. Johnston	670	1.68	2.10	1129

## PLATTE RIVER NEAR BRADY ISLAND, NEBRASKA

<b>1922</b>					
9- 6	Johnston and Eyerly	159	1.73	.....	279

PLATTE RIVER AT GOTHENBURG, NEBRASKA  
MAIN CHANNEL

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1917</b>					
5-17	L. D. Horrocks	1312	1.84	2.90	2426
6- 2	do	6316	3.42	4.95	21611
7- 2	do	5184	3.62	4.45	18790
8- 1	do	1035	.....	2.55	2172
8- 9	**J. K. Rohrer	.....	.....	2.50	2059
8-16	L. D. Horrocks	933	1.98	2.50	1784
9- 1	do	612	1.71	2.30	1079
9-28	**J. K. Rohrer	.....	.....	2.70	2784

NORTH CHANNEL

<b>1917</b>					
5-17	L. D. Horrocks	70	2.18	2.41	153
6- 2	do	396	2.51	4.70	997
7- 2	do	394	2.59	4.45	1021
8- 1	do	119	2.02	2.00	241
8- 9	**J. K. Rohrer	.....	.....	1.73	172
8-16	L. D. Horrocks	75	1.67	1.62	125
9- 1	do	48	1.80	1.20	81
9-28	**J. K. Rohrer	.....	.....	2.08	167

SOUTH CHANNEL

<b>1917</b>					
5-17	L. D. Horrocks	250	3.00	2.40	751
6- 2	do	539	4.08	4.85	2201
7- 2	do	530	4.37	4.55	2319
8- 1	do	193	.....	2.00	523
8- 9	**J. K. Rohrer	.....	.....	1.92	672
8-16	L. D. Horrocks	161	2.81	1.75	451
9- 1	do	87	1.76	1.20	153
9-28	**J. K. Rohrer	.....	.....	2.08	605
<b>1922</b>					
9- 6	Johnston and Eyerly	35	1.35	.....	46
9- 7	do	132	1.68	0.80	223
9-10	Johnston and Willis	.....	1.01	.....	500
<b>1925</b>					
7-17	A. E. Johnston	202	1.98	.....	600
7-18	do	121	2.33	.....	282
<b>1928</b>					
8-24	A. E. Johnston	293	1.89	1.45	557
8-24	do	288	2.30	1.60	665
8-30	do	283	1.86	1.15	528
8-31	do	325	1.76	1.15	573

PLATTE RIVER NEAR GOTHENBURG, NEBRASKA

<b>1922</b>					
9- 6	Johnston and Eyerly	34.5	1.35	.....	46
9- 7	do	132.4	1.68	0.80	223
9-10	Johnston and Willis	.....	1.01	.....	500

\*\*U. S. R. S. Measurements.



## STATE OF NEBRASKA

## PLATTE RIVER NEAR COZAD, NEBRASKA

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1922					
9- 7	Johnston and Eyerly	71	1.95	.....	138
9- 8	do	145	1.64	.....	238
1925					
7- 6	A. E. Johnston	108	1.55	.....	168
7-16	do	24	1.27	.....	305
7-17	do	17	1.20	.....	21
7-23	R. F. Nosky	29	.75	.....	22
7-30	do	690	2.19	.....	1503
1928					
8-23	A. E. Johnston	35	1.77	.....	63
8-24	do	27	1.12	.....	31

## PLATTE RIVER NEAR DARR, NEBRASKA

1922					
9- 7	Johnston and Eyerly	.....	.....	.....	0.0
9- 8	do	.....	.....	.....	.0
1925					
7-21	R. F. Nosky	49	1.14	.....	55.0

## PLATTE RIVER AT LEXINGTON, NEBRASKA

1917					
5-18	L. D. Horrocks	1160	2.62	3.74	3045
6- 4	do	5597	3.98	5.15	22305
6-15	do	4511	4.09	4.68	18466
7- 3	do	5163	3.62	4.85	18711
7-18	do	2180	3.73	3.60	8134
8- 1	do	933	2.61	3.01	2441
8-10	**J. K. Rohrer	.....	.....	3.01	2114
8-17	L. D. Horrocks	985	2.35	3.05	2317
9- 3	do	569	1.89	2.89	1080
9-28	**J. K. Rohrer	.....	.....	3.56	3136
1918					
5- 2	T. C. Palmer	1446	2.48	3.80	3599
5-24	do	2041	2.91	3.95	5952
6-14	do	1506	2.78	3.85	4200
7- 3	do	2221	2.98	4.15	6625
7-22	do	1151	2.34	3.65	2700
8-15	do	1092	2.32	3.80	2544
8-19	do	847	1.92	3.50	1630
9- 4	do	545	1.71	3.30	336
9-18	do	823	1.93	3.55	1590
9-23	do	1084	2.10	3.80	2291
1919					
4-16	North and Palmer	1673	2.83	4.20	4740
4-30	Earl North	1259	2.13	3.90	2689
4-20	do	1055	2.02	3.75	2134
6- 5	do	1494	2.38	4.00	3563
7- 1	do	672	1.88	3.70	1267

\*\*U. S. R. S. measurements.

PLATTE RIVER AT LEXINGTON, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
7-18	Earl North	331	1.46	3.25	484
7-23	do	318	1.06	3.15	337
7-25	do	98	.62	2.90	61
7-30	do	.....	.....	.....	0
8- 5	do	132	1.01	2.95	132
8- 9	do	633	1.55	3.60	984
8-12	do	216	1.31	3.20	283
8-20	do	.....	.....	.....	0
9- 3	do	68	1.31	2.70	89
9-18	do	1126	2.03	4.00	2283
10-10	do	1263	2.01	3.90	2534
10-30	do	1234	1.89	3.90	2341
<b>1920</b>					
4-16	Baumgartner and Palmer	1709	2.48	4.10	4237
6-11	G. K. Baumgartner	2113	2.93	4.00	6199
6-14	do	1991	2.92	4.00	5812
6-29	do	2958	3.28	4.30	9698
7-14	do	1329	2.58	3.50	3431
7-18	**J. K. Rohrer	.....	.....	3.30	2043
7-27	G. K. Baumgartner	2823	2.99	4.20	8447
8- 3	do	595	2.11	3.20	1259
8-18	do	854	2.17	3.55	1855
9- 5	Palmer and Willis	1125	2.34	3.80	1580
9-30	**J. K. Rohrer	.....	.....	3.45	1580
11- 3	T. C. Palmer	1188	2.23	3.80	2644
<b>1921</b>					
4- 4	T. C. Palmer	908	2.21	4.30	2007
5- 6	do	1437	2.45	4.65	3524
6-14	do	6181	5.67	6.95	35056
6-25	A. H. Atkins	5893	4.91	6.51	28964
7-12	do	1133	2.80	2.50	3181
7-15	**J. K. Rohrer	.....	.....	.....	2173
8- 1	A. H. Atkins	725	2.60	2.48	1889
8-16	do	1267	2.68	3.20	3400
10-17	T. C. Palmer	1255	2.28	3.30	2868
<b>1922</b>					
4-12	A. E. Johnston	1064	1.50	3.73	1590
4-21	do	886	2.00	3.60	1772
5- 6	do	1139	2.09	3.67	2377
5-24	do	2968	2.66	4.80	7897
6- 6	do	2486	2.78	4.30	6887
6-22	do	197	2.01	2.60	597
6-24	do	113	2.11	2.25	240
7- 6	do	587	1.88	3.20	1108
7-25	do	445	1.83	3.00	817
7-27	do	284	1.54	2.80	438
8- 9	do	1136	1.61	3.50	1832
8-28	do	20	1.42	2.05	28

\*\*U. S. R. S. Measurements.

## STATE OF NEBRASKA

PLATTE RIVER AT LEXINGTON, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
9- 7	Johnston and Eyerly	.....	.....	1.85	0
9-19	Johnston and Easterday	394	1.44	3.10	569
9-28	A. E. Johnston	190	1.30	2.95	249
10-19	do	633	1.86	3.50	1180
11-23	do	1227	2.05	3.70	2516
<b>1923</b>					
1- 9	A. E. Johnston	1494	2.32	4.35	3441
2-27	do	1662	2.46	4.50	4094
3-27	do	1261	2.35	3.85	2962
4-12	do	899	1.97	3.90	1771
5-21	do	1448	2.53	4.10	3567
6- 1	do	1991	2.57	4.30	5126
6-19	do	3903	3.65	5.40	14253
7- 9	A. H. Atkins	962	3.09	3.00	2977
7-11	E. F. Ketcham	700	2.12	2.85	1489
7-28	do	1476	2.21	3.80	3273
8- 1	A. H. Atkins	1956	2.57	3.90	5043
8- 8	A. E. Johnston	1647	2.49	4.10	4108
8-11	A. H. Atkins	2798	3.07	4.50	8613
8-29	do	1580	2.19	3.60	3472
9- 6	do	906	1.94	3.10	1762
9-15	A. E. Johnston	432	1.71	3.39	739
10- 1	A. H. Atkins	1698	2.24	3.90	3811
10-16	A. E. Johnston	1414	2.66	3.90	3771
10-20	Atkins and Wood	1805	2.59	3.85	3682
11- 6	A. E. Johnston	1591	2.64	4.07	4198
11-13	A. H. Atkins	2205	2.59	4.20	5732
11-27	A. E. Johnston	1650	2.77	4.29	4481
<b>1924</b>					
3-28	A. E. Johnston	2233	2.87	4.35	6426
4-24	do	3305	3.46	4.60	11442
5-26	do	2353	3.31	3.90	7794
6-19	do	2811	3.61	4.00	10169
7-19	do	715	1.99	3.00	1427
8- 6	C. G. Hrubesky	392	1.68	2.90	655
8-21	do	810	1.76	3.20	1388
8-28	do	475	1.62	3.05	767
9- 9	A. E. Johnston	267	1.85	3.10	493
10-20	do	1581	2.63	3.75	4163
11-12	do	1435	2.70	3.80	3871
<b>1925</b>					
7-31	R. F. Nosky	661	2.00	3.50	1316

\*\*U. S. R. S. Measurements.

PLATTE RIVER AT OVERTON, NEBRASKA

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-FT.
<b>1918</b>					
6-13	T. C. Palmer	1647	2.81	1.60	4631
7- 3	do	2283	3.12	1.94	7138
7-22	do	1179	2.37	1.16	2791
8-19	do	834	1.12	1.05	1768
9- 5	do	488	1.95	.70	957
9-19	do	835	2.02	.83	1687
9-23	do	986	2.23	1.15	2205
<b>1919</b>					
5-19	Earl North	1154	2.34	3.60	2707
6- 6	do	1687	2.60	3.90	4390
7- 1	do	597	1.92	3.00	1144
7-18	do	335	1.43	2.80	489
7-23	do	296	1.39	2.70	410
7-26	do	99	.84	2.40	84
7-30	do	.....	.....	.....	0
8- 5	do	.....	.....	.....	0
8- 9	do	137	1.56	2.60	308
8-13	do	227	1.38	2.60	314
8-20	do	.....	.....	.....	0
9- 4	do	.....	.....	.....	0
9-18	do	445	1.49	2.70	666
10-10	do	1226	1.90	3.30	2324
10-30	do	1219	1.89	2.90	2308
<b>1920</b>					
4-16	Baumgartner and Palmer	1881	2.69	2.40	5060
5-27	G. K. Baumgartner	3025	3.45	2.35	10433
6-11	do	2475	2.94	2.00	7281
6-14	do	2102	2.90	1.90	6099
6-29	do	2965	3.54	2.30	10485
7-14	do	1452	2.56	1.50	3722
7-19	**J. K. Rohrer	.....	.....	.....	2257
8- 3	G. K. Baumgartner	557	2.43	.60	1355
8-18	do	839	2.24	.80	1877
9- 6	Palmer and Willis	1114	2.28	1.25	2544
<b>1921</b>					
4- 2	T. C. Palmer	1095	2.22	2.00	2434
5- 7	do	1492	2.54	2.50	3785
6-14	do	7012	5.24	6.50	36724
6-27	A. H. Atkins	7075	3.91	5.60	27673
7-13	do	1018	2.73	.81	2782
8- 1	do	783	2.55	1.65	1995
8-17	do	1404	2.53	2.30	3552
10-18	T. C. Palmer	1274	2.32	2.40	2959
<b>1922</b>					
3-16	T. C. Palmer	2264	2.77	3.30	6285
4-13	A. E. Johnston	1186	1.66	2.65	2969
4-22	do	1006	2.36	2.70	2364
5- 6	do	1371	2.37	2.83	3255
5-23	do	3031	3.07	4.00	9312

\*\*U. S. R. S. Measurements.

## STATE OF NEBRASKA

PLATTE RIVER AT OVERTON, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6- 6	A. E. Johnston	2231	3.06	3.60	6825
6-22	do	186	1.67	1.50	312
6-24	do	122	1.57	1.00	191
7- 6	do	653	2.07	2.25	1356
7-25	do	380	1.82	2.00	694
7-27	do	229	1.69	1.75	388
8-10	do	968	2.25	2.50	2186
8-28	do	16	1.60	1.30	26
9-19	Johnston and Easterday	269	1.55	1.95	418
9-29	A. E. Johnston	118	1.53	1.85	181
<b>1923</b>					
1- 9	A. E. Johnston	1049	2.76	2.90	2902
2-27	do	1700	2.66	-----	4529
3-26	do	1646	2.46	3.20	4059
4-13	do	1049	2.20	2.80	2308
5-21	do	1593	2.66	3.20	4255
6- 2	do	2418	2.88	3.30	6978
6-19	do	4717	3.87	4.80	18269
7- 9	A. H. Atkins	828	2.63	1.95	2180
7-11	E. F. Ketcham	633	2.15	1.85	1362
7-27	do	1215	2.91	2.70	3544
8- 1	A. H. Atkins	1865	2.59	3.00	4832
8- 8	A. E. Johnston	2020	2.62	3.10	5309
8-11	A. H. Atkins	1964	2.53	3.30	4982
8-29	do	1505	2.36	2.70	3553
9- 6	do	749	2.09	2.25	1569
9-15	A. E. Johnston	470	1.86	2.10	876
10- 1	A. H. Atkins	1472	2.13	2.90	3151
10-16	A. E. Johnston	2033	2.65	3.10	5385
10-20	Atkins and Wood	1914	2.43	2.90	4669
11- 6	A. E. Johnston	1780	3.02	3.10	5382
11-13	A. H. Atkins	2560	2.68	3.40	6861
11-28	A. E. Johnston	1582	3.15	3.30	4979
<b>1924</b>					
3-12	A. E. Johnston	1423	2.45	1.70	4751
3-29	do	2339	2.87	2.20	6735
4-24	do	3080	3.73	2.50	11506
5-26	do	2226	3.41	1.60	7607
6-19	do	3741	3.26	1.95	8945
7-19	do	1003	2.00	.60	2013
8- 6	C. G. Hrubesky	342	1.82	.20	622
8-21	do	872	1.86	.68	1621
8-28	do	454	1.97	.43	897
9- 9	A. E. Johnston	338	1.74	.45	587
10-20	do	1517	2.34	1.40	3547
11-13	do	1187	2.58	1.50	3072
<b>1925</b>					
3-16	A. E. Johnston	1209	2.42	1.35	2809
4-10	do	1393	2.55	1.55	3550
5- 9	do	1284	1.26	1.20	1622

## PLATTE RIVER AT OVERTON, NEBRASKA

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-15	A. E. Johnston	744	2.04	1.15	1518
6- 9	do	213	1.42	.50	303
6-11	do	690	1.96	1.30	1351
6-30	do	184	1.79	.60	329
7- 3	do	17	1.01	.20	17
7- 6	do	20	1.70	.10	33
8- 7	do	1116	2.18	1.40	2441
8-29	do	979	2.00	1.30	1960
9- 1	do	598	2.12	1.15	1268
9-19	do	997	2.20	1.40	2190
10- 3	do	1212	2.33	1.50	2837
11- 7	do	1577	2.42	1.70	3833
12-13	A. W. Hall	1209	2.25	1.50	2724
<b>1925</b>					
2-12	A. E. Johnston	1999	3.10	2.10	6236
3-15	do	1027	2.66	1.45	2738
4- 5	do	1138	2.22	1.55	2528
4-26	do	1830	2.80	2.20	5118
5-17	do	1931	2.86	2.00	5527
6- 9	do	1868	2.97	2.00	5555
6-21	do	3162	3.62	2.90	11403
6-23	do	3716	3.64	2.85	13594
7-19	do	2004	3.20	1.95	6543
8- 4	do	850	2.13	1.00	1819
8- 6	do	642	2.06	.85	1322
8-24	do	1112	2.38	1.35	2648
8-28	do	699	2.13	1.00	1484
9-25	do	1103	2.53	1.40	2788
10-21	do	1130	2.49	1.60	2808
11-10	do	1483	2.69	1.60	3987
<b>1927</b>					
1-13	A. W. Hall	1632	1.95	2.30	3186
3-17	do	2218	2.82	2.10	6286
4- 9	A. E. Johnston	1660	2.54	1.70	4222
4-15	do	3213	3.96	2.90	12738
5- 7	do	2231	3.15	2.15	4068
5-18	do	2033	3.00	1.70	6098
6-10	do	1174	2.50	1.50	2937
7- 2	do	1149	3.76	1.70	4321
7-13	do	1355	1.73	1.30	2347
7-21	do	240	1.98	.60	475
7-22	do	159	1.77	.42	281
8-10	do	2446	3.30	2.50	8121
8-19	do	1880	2.91	1.90	5479
9-12	do	927	2.24	1.35	2070
10- 3	do	1295	2.45	1.60	3166
10-19	do	1208	3.18	1.65	3838
10-26	do	1786	2.28	1.75	4095
11-14	do	1325	2.61	1.70	3476
11-29	do	1511	2.42	1.74	3676
12- 8	do	-----	-----	2.05	Ice

## STATE OF NEBRASKA

## PLATTE RIVER AT OVERTON, NEBRASKA

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-9	A. E. Johnston	.....	.....	4.50	Ice
1-31	do	.....	.....	4.65	Ice
2-24	do	.....	.....	4.80	Ice
2-10	do	1806	2.74	3.95	4954
3-23	do	1499	2.54	3.70	3820
4-20	do	1150	2.20	2.50	2535
5-24	do	1737	2.46	4.10	4217
5-28	do	2319	2.80	4.60	6476
6-12	do	5150	4.06	5.70	20941
6-23	do	3840	3.63	4.65	13927
7-16	do	106	2.35	2.75	2491
7-30	do	2164	3.06	4.10	6609
8-6	do	1792	2.75	3.70	4913
9-13	do	564	2.09	2.65	1184
10-15	do	1116	2.20	3.15	2480
11-13	do	1567	2.57	3.65	4022
11-22	do	1411	2.54	3.55	3587
12-15	do	1337	2.40	3.80	3218

## PLATTE RIVER AT ELM CREEK, NEBRASKA

<b>1917</b>					
5-18	L. D. Horrocks	1425	2.37	2.23	3388
6-4	do	6573	4.25	4.00	27987
6-16	do	5492	3.94	3.23	21669
7-3	do	5778	3.97	3.50	22962
7-19	do	2557	3.38	2.45	8665
8-2	do	1215	2.29	1.72	2792
8-10	**J. K. Rohrer	.....	.....	1.65	1934
9-3	L. D. Horrocks	516	1.94	1.49	1001
9-29	**J. K. Rehler	.....	.....	2.10	3013

**1928**

8-30	A. E. Johnston	12	0.91	.....	11
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## PLATTE RIVER NEAR KEARNEY, NEBRASKA

<b>1922</b>					
9-19	Johnston and Easterday	.....	.....	.....	0.0
<b>1925</b>					
6-9	A. E. Johnston	.....	.....	.....	0.0
7-1	do	.....	.....	.....	.0
<b>1923</b>					
8-31	A. E. Johnston	.....	.....	.....	0.0

\*\*U. S. R. S. Measurements.

PLATTE RIVER NEAR KEARNEY, NEBRASKA  
Below Kearney Diversion

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
7- 3	A. E. Johnston	2	0.67	.....	1
7- 6	do	2	.94	.....	2

PLATTE RIVER  
Below Kearney Power Waste

1922					
9-18	Johnston and Easterday	9	1.19	.....	10
1925					
6- 9	A. E. Johnston	33	0.49	.....	16
7- 1	do	19	1.05	.....	20

PLATTE RIVER  
Near Grand Island

1927					
4-12	A. E. Johnston	1513	2.89	2.65	4374
5-12	do	2443	3.38	3.00	8249
6- 3	do	1412	2.79	2.30	3944
7- 6	do	1166	2.76	2.30	3225
8-13	do	2283	3.26	3.00	7462
9- 8	do	508	2.00	1.65	1020
9-28	do	370	2.48	2.30	2154
10-22	do	1150	2.66	2.40	3057
11-10	do	1156	2.70	2.40	3123
12- 2	do	1538	2.50	2.50	3836
1923					
2-16	A. E. Johnston	1310	3.69	2.90	4836
3-15	do	1322	2.94	2.40	3896
4-11	do	1065	2.37	2.20	2542
5-18	do	1337	2.74	2.60	3675
6-13	do	4029	4.95	4.30	10945

PLATTE RIVER AT CENTRAL CITY, NEBRASKA

1922					
4-21	T. C. Palmer	985	1.97	1.80	1941
5-20	A. E. Johnston	2790	1.76	2.80	4922
6- 7	do	3766	2.44	2.90	9204
6-23	do	278	1.23	.40	345
7- 7	do	796	1.66	1.20	1327
7-26	do	312	1.43	.80	448
8-10	do	663	2.24	1.35	1487
8-26	do	12	1.06	.45	12



## STATE OF NEBRASKA

PLATTE RIVER AT CENTRAL CITY, NEBRASKA  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
3-24	A. E. Johnston	1250	2.53	.....	3151
4-14	do	1203	2.06	3.40	2478
5-22	do	2234	2.01	2.85	4484
6- 2	do	2889	2.62	3.40	7584
6-20	A. H. Atkins	1453	1.24	4.55	18016
6-24	do	5482	2.70	4.00	14810
6-29	do	4053	2.83	2.85	11504
8- 2	do	3068	1.96	2.60	6029
8- 9	do	3218	2.29	3.20	7377
8-17	A. E. Johnston	2437	2.00	2.70	4877
8-31	A. H. Atkins	2215	1.95	2.40	4338
9- 5	do	1652	1.31	1.80	2269
11-12	do	3217	1.95	2.80	6258
<b>1924</b>					
3-31	A. E. Johnston	2476	2.41	2.80	5972
4-25	do	3541	3.10	3.60	11001
5-27	do	2406	2.53	2.50	6110
6-21	do	3100	3.01	2.75	9339
<b>1925</b>					
3-17	A. E. Johnston	1808	2.13	2.35	3850
4-11	do	1316	2.55	2.45	3362
5-14	do	559	1.92	1.85	1070
6-10	do	70	1.26	1.10	88
7- 2	do	174	1.26	1.05	219
8- 8	do	.....	.....	.45	0
8-31	do	787	2.04	2.20	1607
9-21	do	545	1.84	1.90	1004
10- 4	do	1105	2.12	2.50	2340
<b>1926</b>					
2-13	A. E. Johnston	3089	3.46	4.30	10637
3- 9	do	1173	2.42	2.35	2842
3-31	do	623	2.36	1.90	1476
4-20	do	594	2.16	2.30	1281
5-12	do	1788	3.16	3.15	5653
6- 4	do	527	2.10	1.70	1108
6-22	do	2567	4.20	4.05	10083
7-14	do	1565	3.34	2.95	5224
8- 5	do	297	2.22	1.40	660
8-26	do	1053	2.38	2.30	2502
9-20	do	1230	2.61	2.75	3220
10-20	do	1268	2.39	2.50	3016
11- 9	do	1342	2.63	2.70	3539
<b>1927</b>					
3-18	A. W. Hall	2429	2.79	3.30	6799
4-11	A. E. Johnston	1658	2.78	2.80	4629
5-12	do	2238	3.60	3.45	8065
6- 4	do	1321	3.04	2.60	4028
7- 7	do	1166	2.62	2.45	3046
8-15	do	1948	3.38	3.35	6580

PLATTE RIVER AT DUNCAN, NEBRASKA

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
11-14	A. E. Johnston	1666	2.45	3.00	4093
12-12	do	.....	.....	3.40	Ice.
12-14	do	.....	.....	3.20	Ice.

PLATTE RIVER AT COLUMBUS, NEBRASKA

1928					
6-16	A. E. Johnston	5381	3.36	5.85	18120
7-12	do	2772	2.26	4.40	6270
8- 1	do	2046	.....	3.95	4327
10- 8	do	195	1.59	1.20	310
11-15	do	1748	1.98	3.75	3465

PLATTE RIVER AT FREMONT, NEBRASKA

1914					
10- 5	D. P. Weeks, Jr.	1480	2.20	1.90	3260
10-31	do	1675	2.35	2.18	3938
1915					
4- 2	D. P. Weeks, Jr.	4037	4.33	3.38	17480
4-26	do	3510	2.65	2.95	9360
6- 4	do	4570	3.14	3.95	14670
6-29	do	3570	3.24	3.55	11600
8- 6	do	5010	4.28	4.28	20980
9- 2	do	2128	3.42	2.74	7270
10- 5	do	3150	2.73	2.96	8600
1921					
6-16	T. C. Palmer	5875	5.41	4.65	31767
6-17	do	6562	5.16	4.95	33866
1923					
8-19	A. E. Johnston	2953	3.03	.....	8967
1928					
2-21	A. E. Johnston	1410	2.98	.....	4208
3-17	do	2575	3.20	3.60	8228
4-12	do	1973	3.20	3.15	6318
5-12	do	1476	2.34	3.00	3474
6-18	do	5229	3.85	4.85	20374
7-13	do	2391	2.96	3.65	7095
8- 2	do	2487	.....	3.35	6890
10- 8	do	940	2.52	1.05	2373
11-16	do	2257	2.87	3.50	6458
12-13	do	1607	3.36	3.65	5391

PLATTE RIVER AT ASHLAND, NEBRASKA

1923					
7- 3	A. H. Atkins	3358.0	2.43	.....	8169.2
7-21	E. F. Ketcham	2281.9	2.13	.....	4868.2
8- 6	A. H. Atkins	4406.0	2.90	.....	12813.8
9- 1	do	2678.0	1.84	.....	4928.4
1924					
10-18	A. E. Johnston	107.0	1.73	1.70	218.0
1925					
7- 3	A. E. Johnston	2.0	0.67	.....	1.0
10- 7	do	2318.0	2.60	.....	6002.0

**PATHFINDER STORAGE RESERVOIR—Pathfinder, Wyoming**  
**Daily Contents in Acre Feet—1914**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	288110	308420	329200	386860	565960	856750	1087180	883330	627430	369870	309250	331720
2	288510	309250	330500	393050	593420	873430	1084670	877610	618160	365300	308840	322330
3	289300	309670	331610	396930	600270	891010	1074520	871540	609250	360420	308720	333120
4	289700	310080	333120	400850	607860	911690	1070000	865710	600410	365210	307840	334000
5	290500	310910	334440	406780	612720	930610	1065480	859730	591920	351710	309080	334880
6	291300	311330	335760	412780	617600	954590	1060970	853230	584370	349280	310330	335760
7	292100	312160	336640	420830	625430	975780	1056470	846230	575600	347040	311570	336640
8	292500	312570	337790	431140	633320	994180	1052430	836960	566620	344960	312570	337340
9	292900	312990	338750	441140	640560	1008230	1048400	830960	557480	342680	313570	337880
10	293300	313820	341530	448620	644180	1017240	1048000	823130	548700	340730	314580	338410
11	293700	314240	342860	454020	646370	1024240	1035700	815430	539810	338950	315580	338940
12	294100	315080	344200	458980	652250	1029070	1029950	807620	530790	335940	316680	339480
13	294900	315500	345530	462780	659630	1033930	1022480	800070	521710	333740	317780	340010
14	295700	315920	347310	466030	666330	1039260	1014850	793261	512770	331110	318780	340440
15	296500	316760	349100	470540	672050	1045050	1007260	783750	503640	328410	319800	341590
16	296900	317600	351350	474460	678880	1052200	998880	774480	494680	326330	320480	341730
17	297710	318020	353600	481230	687750	1059400	989070	764140	485900	323960	320990	341990
18	298520	318860	356750	489230	6981800	1065710	979770	753890	477380	320310	321500	341970
19	299340	319290	359480	495620	687960	1071580	972640	743770	469310	318950	322010	342100
20	300160	320140	362210	502690	694480	1075650	965970	734240	460800	316840	322610	342360
21	300980	320990	364940	509870	701690	1080620	958510	725300	452400	314740	323220	342630
22	301390	321840	366630	515330	711500	1085370	952130	716610	444010	312570	324080	342750
23	301800	322700	368120	522080	720580	1088760	944970	707680	435610	310910	324940	344200
24	302620	323990	369660	538960	734240	1091700	938060	698060	427290	310580	325890	344640
25	303440	324850	372260	538930	749070	1093700	931400	689670	419010	310580	326850	345090
26	304270	326150	374570	547170	764140	1091700	924590	680730	410980	310500	327720	345530
27	305100	327020	376900	555530	779790	1089890	917620	671900	402720	310500	328500	345980
28	305930	327890	379240	564000	794000	1087180	910110	663040	394400	310500	329290	346320
29	306650	.....	381590	571900	809030	1084690	902660	654300	396140	310500	330160	346870
30	306760	.....	383950	578540	824740	1082200	896050	645490	377960	310080	331020	347310
31	307590	.....	386330	.....	.....	.....	889660	636500	.....	309670	.....	347760

**PATHFINDER STORAGE RESERVOIR—Pathfinder, Wyoming**  
**Daily Contents in Acre Feet—1915**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	343200	363390	380370	411280	504480	602880	663790	461900	321420	278790	321160	350540
2	349100	363840	381120	413280	507830	603570	658450	455660	318100	280720	322270	351530
3	349100	364300	382060	415280	513500	605640	653130	449380	314740	282260	323390	352520
4	349730	364840	383000	417800	517580	608550	646950	442940	313570	283810	324420	353600
5	350450	365390	383680	421140	520850	611610	640660	437220	313230	285370	325280	354770
6	350900	365840	384430	424710	524180	614940	634330	431660	311740	286540	326150	355940
7	351260	366300	386340	428330	525800	617460	628150	426150	310580	288110	327190	357200
8	351440	366660	386400	431870	537790	620570	621570	424090	309570	289300	328330	358470
9	351890	367120	386900	436900	529790	624860	614530	419410	308420	290900	329460	359660
10	352250	367480	387760	441560	532040	628860	608130	414080	306600	292100	330500	360840
11	353150	368030	388530	445940	533290	632600	601500	408480	303030	293300	331810	361570
12	353420	368580	389200	450240	533790	637370	594930	402910	300160	294500	333120	362210
13	353780	369040	390060	454020	534040	642590	587980	397320	297310	295700	334000	363020
14	354700	369500	390830	457730	534040	649010	580560	392560	294900	296000	334440	363840
15	355040	369560	391560	461680	534040	653420	573880	387950	292900	298120	334880	364660
16	355580	370420	392560	467200	535290	657110	566490	383190	291300	299750	335580	365480
17	356030	371070	393530	469870	537670	659040	558910	378390	289300	300980	336290	366300
18	356390	371800	394500	472220	539690	659040	550360	374860	287720	302620	337080	367210
19	356750	372720	395280	474120	543490	660070	542340	368120	286150	304270	337970	367940
20	357290	373450	395960	476140	548820	661262	535540	362480	284200	305930	338860	368680
21	358840	374200	396930	477820	555270	662740	528290	357380	282260	307340	340010	369320
22	358840	374760	397910	487740	561770	664830	521220	351710	280330	308840	341260	369870
23	359200	375500	398890	490430	566620	667080	514600	346000	278020	310500	342630	370510
24	359660	376430	399870	483050	571500	669030	507950	341070	275710	311740	343660	371180
25	360110	377170	400850	486360	576270	670390	501260	340640	274170	312990	344820	371800
26	360570	377830	402120	490280	581910	671290	495270	339210	273400	314240	346060	372630
27	361020	378680	403410	493280	587040	671750	489460	336900	273790	315500	347310	373460
28	361480	379430	405290	495850	590970	671290	484190	333380	273790	316570	348110	373480
29	361930	.....	406780	498550	593970	670390	478970	330410	274940	317600	349230	374310
30	361390	.....	405280	501500	597120	668680	473680	327540	276870	318370	340550	376150
31	360230	.....	409780	.....	600270	.....	467870	324510	.....	320140	.....	376900



**PATHFINDER STORAGE RESERVOIR—Pathfinder, Wyoming**  
**Daily Contents in Acre Feet—1918**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	701520	729510	752890	824020	831800	925390	1103750	901100	690130	565370	581100	612300
2	702630	730160	753890	826350	876090	928390	1099250	893300	683800	553870	582310	612850
3	703890	730820	754900	829590	870410	931400	1093180	886780	673580	562170	583930	613400
4	705160	731470	755900	833010	865710	933820	1085750	879890	672550	560470	585280	614110
5	706520	732120	756900	835350	861970	935840	1079000	873250	665880	558780	586630	614800
6	707680	732770	757910	837150	858240	938060	1072250	866650	659630	559690	587850	615500
7	708950	733420	759080	839870	858240	940900	1066380	859540	654160	560990	589470	616200
8	710230	734080	762060	843490	860290	947010	1060070	853490	648130	562560	590700	616900
9	711500	734730	761440	848070	862300	954180	1053550	843500	642590	564130	592330	618020
10	712770	735380	762620	851750	866650	962440	1046830	838240	637370	565830	593550	619290
11	713250	736200	764980	855450	870410	973890	1041930	830670	632170	567280	594650	620710
12	713890	737020	767350	858900	872300	985470	1035260	823490	625430	567940	595470	622280
13	714370	737840	769720	861780	874190	1000380	1029290	817400	619150	568200	596430	624000
14	714850	738660	772100	864400	873810	1016590	1024240	810630	612880	568470	597430	625430
15	715490	739480	774660	869660	872680	1034150	1017680	804100	610640	568800	598760	626430
16	715970	740300	776880	874190	872680	105180	1012240	797440	607580	568730	601400	627430
17	716450	741130	779100	877990	872300	1070000	1006830	791000	604400	568730	604070	628580
18	717090	741950	781340	882760	873060	1085140	1001240	783570	600680	568800	603020	629580
19	717570	742780	783570	886200	875330	1099250	995460	775850	577120	569000	603850	630300
20	718050	743600	785810	888120	884200	1108930	989290	769210	559210	569000	605090	630870
21	719010	744500	788410	888120	890440	1115000	982300	761770	590700	569000	605920	631590
22	719980	745580	791000	887550	891980	1119500	975000	754730	585900	569000	606610	632730
23	720940	746580	793610	886970	893910	1121750	968670	747080	582450	569000	607300	633780
24	721910	747570	796220	886210	894300	1122430	961400	740140	578410	569660	607720	634780
25	722870	748570	798850	885250	897210	1121080	954180	733260	574540	570710	608270	635380
26	723840	749570	802350	884670	900130	1121080	946600	726750	573530	571640	608970	636820
27	724810	750730	805360	884290	903050	1119500	939280	719810	572330	572280	609380	637250
28	725780	751890	810270	884290	905990	1115000	931600	713410	570720	572210	610220	638540
29	726750	.....	815610	884860	910900	1111180	923790	707640	568730	572670	611050	640120
30	727730	.....	819190	884290	915440	1107580	915840	701530	567540	578410	611760	640700
31	728860	.....	821880	.....	920200	.....	909330	695890	.....	580020	.....	641430

**PATHFINDER STORAGE RESERVOIR—Pathfinder, Wyoming**  
**Daily Contents in Acre Feet—1919**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	641720	659290	681800	729840	862900	926190	770050	541080	343650	230140	174270	199730
2	642300	660070	682720	735050	865520	928790	762950	534540	337790	227300	174970	200460
3	642730	660810	683650	740960	868530	927790	755230	527920	332240	225220	175720	201310
4	643170	661700	684720	746910	871170	926790	748570	520110	326670	223220	176880	202290
5	643750	662450	685490	752730	873430	924790	741950	512900	321160	220750	178030	203140
6	644330	663340	686110	758580	876090	920800	734890	505790	316090	218080	179080	204000
7	644910	664380	686880	763630	879510	914850	727740	498080	311410	215330	180070	204730
8	645640	665430	687650	767690	882560	906380	720780	492350	306180	213190	180840	205480
9	646220	666330	688270	771760	885630	897900	713250	485330	301640	211000	181620	206160
10	646950	667230	688890	775340	888130	893330	706420	478740	297060	208890	182400	206780
11	647540	667980	689670	778930	890630	889470	698550	472220	292580	205910	183130	207400
12	648130	668730	690440	780550	873330	884860	690290	465540	288080	203320	183800	208020
13	648860	669330	691220	782370	895270	879890	682410	458820	283650	200760	184420	208540
14	649450	670090	691990	784430	897210	874950	675570	452080	280100	198320	185030	209260
15	640890	670840	692920	787540	896050	870410	667230	445190	277020	195960	185590	209820
16	650330	671600	694170	791000	896050	865330	659780	439230	273400	193600	186620	210380
17	650780	672350	695420	793440	896820	859170	652250	432810	270190	191260	187720	210930
18	651220	673110	696670	795870	897210	853050	644330	427080	267000	188940	188880	211490
19	651800	673860	697920	798320	898180	847700	636740	421340	264000	186670	190040	212120
20	652390	674620	699180	801120	901100	841860	629720	415080	261190	184470	191200	212750
21	652980	675540	700430	804450	901100	838240	622570	408980	258690	182460	192300	213500
22	653570	676290	701690	808500	902080	833190	615500	402820	255850	180450	193480	214390
23	654160	677210	702920	811490	903050	826890	608550	396630	252590	178480	194660	215390
24	654750	678120	705160	820260	904230	819910	601230	390640	240680	176380	195840	216420
25	655490	678890	707370	826350	905790	813120	593970	384900	246780	174430	196870	217440
26	655930	679650	709910	833550	907750	805330	585820	379050	243680	172480	197930	218470
27	656520	680270	712450	841860	909720	797970	577740	372720	240890	170490	197960	219380
28	657110	681030	715010	849540	912080	792740	570770	366850	238090	171030	198440	220100
29	657710	.....	717550	855450	914450	784950	563210	360840	235730	171840	198810	220180
30	658150	.....	721420	858430	917630	777560	556310	355040	232900	172350	199180	221490
31	658740	.....	725300	.....	920800	.....	548700	349640	.....	173460	.....	222110









## STATE OF NEBRASKA

## PATHFINDER STORAGE RESERVOIR—Pathfinder, Wyoming

## Daily Contents in Acre Feet—1926

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	280720	299830	334350	416790	735870	1005540	1055350	860290	580960	3,99770	433540	455760
2	281330	300730	335850	419110	746080	1016590	1046610	849910	571370	400850	434590	457620
3	281790	301640	337340	421340	756570	1024240	1038590	840230	561640	401930	435640	459480
4	282260	302540	338860	424400	767860	1031500	1031500	830310	552680	403310	436690	461350
5	282720	303440	340370	426980	780130	1037480	1025330	819550	545010	404700	437750	463220
6	283190	304350	341880	430620	793260	1045270	1018550	808320	536670	406070	438310	464320
7	283650	305200	343390	434070	807090	1052430	1013330	797620	527320	407480	439760	465420
8	284120	306080	343990	439020	820260	1060070	1008990	788530	519870	408780	440720	466530
9	284590	306950	344910	447540	833370	1069550	1108990	779270	511690	410080	441670	467640
10	285060	307010	347930	458930	844220	1073360	1019860	769720	504950	411280	442620	468750
11	285450	308170	349640	476140	853230	1085600	1026870	761770	497730	412480	443580	469870
12	285840	309330	351350	491660	860660	1090370	1029730	752730	490960	413680	444540	471000
13	286230	310500	353060	509630	868150	1095620	1025430	744760	484080	414880	445510	472120
14	286620	311990	354860	527920	874190	1100500	1022050	737680	477040	416080	446490	473240
15	287010	313480	356660	544630	880850	1104470	1015500	729510	470090	417190	448300	474360
16	287400	315000	358470	558130	884290	1107760	1008990	720300	463110	418400	449700	475480
17	288030	316510	360290	571240	886010	1114140	1002530	711180	456420	419410	451100	476600
18	288660	318020	362930	585960	888700	1115800	993330	702160	450240	420420	451320	477720
19	289300	319550	365570	600960	891980	1116040	983390	692610	444120	421440	451540	478840
20	289940	321080	368210	616900	895460	1115330	975990	682880	438070	422460	451760	479960
21	290580	322530	371890	631160	899740	1112010	966590	672650	431560	423480	451970	481080
22	291220	323990	375590	644470	904620	1107520	956860	663935	425840	424500	452180	482200
23	291860	325450	380180	658150	907950	1103300	947010	655635	420220	425530	452400	483320
24	292740	326930	382710	671290	912670	1098640	937250	647250	414580	426560	452620	484440
25	293620	328410	389200	682410	918610	1093330	927590	638525	408880	427600	452830	485560
26	294500	329890	393530	693700	926190	1087650	917820	630730	404600	428640	453050	486680
27	295260	331370	398200	703240	934220	1082430	907560	624145	401340	429680	453260	487800
28	296260	332860	402910	710700	945790	1076330	897600	615330	398110	430620	453480	488920
29	297140	.....	407680	718690	957890	1069550	889280	607580	397620	431240	453700	490040
30	298030	.....	411280	727240	974310	1062100	879700	599170	398690	431870	453910	491160
31	298930	.....	414280	.....	991200	.....	869850	590160	.....	432490	.....	492280

## PATHFINDER STORAGE RESERVOIR—Pathfinder, Wyoming

## Daily Contents in Acre Feet—1927

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	459370	456090	47220	518390	669330	1045720	1119360	869850	660370	506150	555010	609110
2	459040	456420	472000	522080	679810	1050190	1118170	861090	652250	507950	557350	610220
3	458710	456750	471770	525850	691530	1054900	1116280	854710	644910	509630	559690	611330
4	458380	457070	472780	530540	703890	1058720	1112490	847700	637370	511320	561510	612440
5	458050	457400	473790	535790	715810	1063670	1108460	840050	630150	513020	563350	613550
6	457730	457730	475360	541230	726590	1068190	1102130	832290	622710	514840	565570	614670
7	457400	458160	476930	546790	737020	1074070	1096090	825100	615080	516550	567310	615790
8	457070	458600	478510	551130	747740	1079940	1091730	817400	607440	518390	570050	616900
9	4511180	459040	479870	555530	757910	1083110	1086280	809560	600270	530240	572430	618020
10	457290	459480	481120	560080	769380	1086740	1078810	802170	592880	521590	574810	619150
11	457070	460030	482600	566360	781170	1092190	1071580	795000	585550	522950	577070	619860
12	456850	460480	484080	572690	792390	1097240	1064370	787190	578140	524310	579210	620570
13	456640	461130	485450	579080	802000	1103530	1056920	780180	570710	525680	581100	621280
14	456420	461680	486820	585550	812760	1109400	1047950	772610	564260	527040	582720	621860
15	456200	462230	488190	592060	824380	1115330	1039030	766840	557480	528070	584740	622570
16	456090	463000	489570	598630	837870	1121490	1029070	759250	550740	529290	586770	623290
17	455980	463880	490960	601370	851750	1127930	1019420	752890	548950	530540	588900	624000
18	455870	464760	491770	604120	865710	1131750	1009640	748240	548700	531920	590570	624860
19	455760	465650	492580	606880	882760	1134160	999520	743110	548570	533290	592200	625140
20	455660	466530	493160	609660	900520	1134880	989500	738170	545140	534790	593830	625430
21	455660	467420	494680	612440	918410	1135360	978930	733260	541200	536040	595480	625750
22	455660	468310	496210	615220	935440	1135120	968060	727730	538290	537290	596980	626080
23	455660	469200	497840	618020	951920	1133920	957060	721420	532790	538430	598350	626560
24	455660	470090	499490	621140	968670	1130800	946810	714530	527040	539560	599720	627080
25	455660	470990	501150	624430	985890	1127930	937860	707840	519850	540690	601090	627860
26	455550	471880	502690	627860	1000380	1125300	928990	701220	511690	541840	602470	628000
27	455440	472440	504240	632600	1012240	1123150	918610	694800	506270	542980	603850	628150
28	455330	472440	506150	639410	1020950	1121730	908340	688580	501860	544120	605230	628150
29	455330	.....	508430	648570	1026430	1121020	898760	682410	502810	546920	606610	626290
30	455550	.....	511590	653990	1034150	1120780	889090	675380	504260	550740	607990	626430
31	455760	.....	514720	.....	1040140	.....	880080	667980	.....	552680	.....	626430

PATHFINDER STORAGE RESERVOIR—Pathfinder, Wyoming  
Daily Contents in Acre Feet—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	626570	637510	667530	781170	904230	1169525	1116990	951715	666780	415980	390830	427810
2	626420	638530	668430	786680	909320	1170520	1116040	943745	655780	412580	392180	428640
3	626860	639540	669330	792040	917620	1173000	1114620	935640	644765	408980	393530	429480
4	627000	640550	670390	797450	926990	1172500	1113430	927790	633610	405290	394890	430310
5	627150	641720	671440	802870	938670	1171760	1111300	920000	623715	401440	396250	431140
6	627250	642880	672500	808320	949670	1169780	1109640	912280	614665	397720	397620	431970
7	627430	644040	673560	813830	958710	1168340	1109170	904230	605780	394020	398990	432810
8	627430	645200	674620	819010	968670	1155740	1106820	896240	596570	390450	400360	433650
9	627580	646370	675680	823490	979980	1149630	1104940	888320	587450	386990	401730	434490
10	627580	647540	676750	825630	993540	1145010	1103300	880460	578270	383570	403110	435330
11	627720	648720	678740	827790	1010070	1141630	1101900	872490	569390	380090	405190	436170
12	627860	649890	680730	829950	1029950	1139460	1100270	864580	560210	376620	407280	437010
13	628000	651070	682720	832650	1058720	1138250	1098910	856570	550745	373090	409380	437850
14	628150	652250	684720	835710	1069775	1136570	1095380	848440	541580	369960	411480	438700
15	628580	653420	686730	838600	1089235	1134640	1078135	840230	522575	368090	413580	439550
16	629010	654600	688740	841490	1104700	1132230	1070000	831750	522580	368950	415680	440190
17	629580	655780	690750	844400	1116040	1129125	1062320	823490	513140	370330	417800	446820
18	630150	656970	692770	847520	1125780	1127690	1054670	815080	503520	371250	418400	441460
19	630580	658000	694800	850650	1130820	1127930	1047055	806390	494100	372630	416010	442090
20	631020	659040	696820	853790	1134400	1128220	1038590	797445	484760	374010	419610	442730
21	631450	659930	702480	857120	1136085	1127930	1030840	788650	475800	375590	420520	443370
22	631740	660810	708160	861030	1137290	1127210	1023589	776825	467000	377170	421440	444010
23	632020	661550	713890	864960	1138495	1124585	1016155	765240	458380	378770	422360	444650
24	632310	662300	719650	868910	1137530	1121490	1008775	754060	449050	380270	423380	445299
25	632600	663040	727240	872870	1142590	1119830	1000810	743660	439760	381680	424090	445940
26	632890	663940	735540	877610	1145985	1118650	993325	732260	430960	383000	424710	446580
27	633180	664830	744590	883710	1149390	1118170	985885	722710	420200	384440	425330	447220
28	633460	665730	753730	890050	1153780	1117700	978000	711500	426670	385470	425950	447860
29	634470	666620	760930	896820	1159165	1118170	972425	700435	423070	386800	426550	448510
30	635480	.....	768190	900130	1164340	1117460	965550	689045	419610	388140	427190	449160
31	636500	.....	775510	.....	1167305	.....	958715	677665	.....	389490	.....	449810

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1914**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	200	420	670	1690	3750	12580	2800	1610	610	690	810	360
2	210	420	660	1700	3770	12850	2810	1700	450	570	840	510
3	400	220	670	1960	3460	13370	2560	1640	660	740	830	400
4	210	210	670	1980	3830	14750	2350	1860	740	240	740	450
5	410	420	670	3000	3850	14930	2490	1850	960	350	680	450
6	410	220	670	3030	4590	15330	2630	1610	960	1370	690	450
7	410	420	450	4060	4530	15140	2570	1360	1000	890	630	450
8	210	210	680	5200	4050	13740	2770	1220	740	960	510	360
9	210	220	900	5050	3800	11550	2800	910	640	980	510	280
10	210	420	900	3780	4260	9080	2170	990	280	910	510	270
11	210	220	680	2770	4300	8190	1900	940	240	800	510	270
12	210	430	680	2480	6070	7070	1875	880	230	920	560	380
13	410	220	680	1940	6850	7120	1740	980	200	920	550	270
14	410	220	900	1670	6540	7420	1440	1080	110	730	510	320
15	410	430	910	2250	6090	7590	1570	900	180	700	520	280
16	210	430	1140	1980	4150	8050	1250	930	190	670	350	240
17	410	220	1140	3420	5520	8160	1050	670	220	680	260	140
18	410	430	1590	4040	6390	7930	1310	630	400	760	260	100
19	420	220	1380	2230	7340	7690	1580	690	650	740	260	240
20	420	430	1380	3570	7440	6780	1640	610	700	780	310	230
21	420	430	1380	3630	7900	6300	1300	640	480	750	310	260
22	210	430	690	2760	9060	7540	1100	710	390	720	440	200
23	210	440	920	3410	9760	7150	1070	720	400	790	440	240
24	420	660	950	4080	10230	6990	1440	750	420	850	480	230
25	420	440	1160	4120	11860	6270	1590	740	460	1010	490	240
26	420	660	1170	4160	12000	4850	1420	610	610	970	440	230
27	420	440	1180	4220	12250	4290	1314	660	510	1020	400	240
28	420	440	1190	4280	11570	3230	1060	740	480	1020	400	230
29	220	.....	1190	3390	11700	3290	1050	730	480	1010	440	240
30	210	.....	1200	3350	12260	3020	1220	760	540	810	440	230
31	420	.....	1210	.....	12410	.....	1300	670	.....	830	.....	240
Mean	328	357	956	3226	7150	8741	1780	993	497	823	504	281
Max.	420	660	1590	5200	12410	15320	2810	1860	1000	1370	840	450
Min.	200	210	450	1670	3460	3020	1050	610	110	240	260	100
A. F.	20211	20568	58790	192597	439702	520172	109447	61071	29613	48972	29990	17315
Total	1,548,448	Acre Feet										

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1915**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	230	240	480	770	2080	3220	2770	620	550	1050	590	500
2	240	240	290	1020	3420	3150	2520	440	450	1040	620	500
3	260	240	480	1020	3720	4570	2430	480	240	860	680	500
4	640	280	480	1280	3110	4970	2030	480	1060	840	570	550
5	650	290	350	1750	2680	4980	1540	540	1920	830	490	600
6	460	240	390	1830	2700	4600	2040	530	1270	680	530	600
7	370	240	490	1890	1900	4850	1990	490	1500	800	640	640
8	190	190	540	1830	2060	3740	1840	2230	1680	610	580	660
9	460	240	440	2180	2110	4390	1610	940	1400	810	570	610
10	380	190	440	2380	2300	4290	1540	670	670	700	530	600
11	910	290	400	2300	1820	4080	1400	580	760	660	670	370
12	280	290	350	2250	1380	4610	1400	440	500	650	670	330
13	370	240	440	2000	1850	4810	1140	490	510	640	450	410
14	750	.....	400	1970	2220	5496	990	850	840	680	230	420
15	550	240	400	2080	2160	4480	1120	1040	1060	660	230	420
16	550	240	490	2790	2840	4140	1520	900	1280	820	360	420
17	460	240	500	2980	3390	3790	1130	890	620	600	360	420
18	370	380	500	3060	3600	3210	920	810	770	900	400	460
19	370	470	400	3060	3340	3600	900	660	860	920	450	370
20	550	380	350	3080	3730	3840	790	460	660	930	450	330
21	830	390	500	2940	3600	4060	730	650	580	800	580	330
22	740	290	500	2540	3280	4280	640	430	580	820	660	330
23	370	380	500	2840	2560	4360	600	450	460	930	580	330
24	240	480	500	2720	2640	4190	410	1200	390	720	630	330
25	220	380	500	2740	2590	3890	440	1930	730	730	580	330
26	230	340	650	3040	2430	3840	790	1800	830	690	630	420
27	230	440	660	2560	2500	3560	810	1410	1700	710	630	420
28	240	390	950	2410	2520	3110	850	810	1590	610	410	470
29	230	.....	760	2500	2420	3550	1040	780	930	580	370	470
30	230	.....	760	2560	2620	3250	1050	700	1000	730	370	430
31	280	.....	760	.....	2640	.....	670	570	.....	830	.....	480
Mean	415	303	502	2280	2681	4130	1291	815	913	776	516	450
Max.	740	470	950	3080	3730	5490	2750	2230	1700	1060	680	650
Min.	230	190	340	770	1380	3110	410	430	240	580	230	330
A. F.	25488	16840	30842	135671	164849	245775	79399	50123	54328	47683	30704	27650
Total	909,333	Acre Feet.										

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1916**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	330	310	530	1860	4560	4600	3450	1140	1140	700	1000	680
2	210	310	530	2030	4870	5300	2960	1260	1350	780	510	480
3	340	350	480	1740	5380	5230	3840	1110	1000	800	870	530
4	440	410	540	1480	4060	5540	2170	1040	570	790	870	530
5	430	410	640	1620	3860	5380	2700	1300	560	800	700	540
6	440	360	750	1780	3300	5620	2570	1480	620	630	650	530
7	240	310	860	1510	4340	5780	2450	1270	790	750	650	540
8	390	360	760	1640	4350	5560	2270	1400	650	860	510	490
9	290	410	810	1650	5100	5640	2170	1290	570	950	510	490
10	480	360	1060	1520	6000	5300	2390	1520	530	1280	510	490
11	440	410	1840	1500	6220	5720	1920	1120	470	1270	230	490
12	440	560	1860	1760	6740	6140	2080	1300	580	1150	240	250
13	390	460	2800	1710	6700	7080	2050	1320	450	1100	280	350
14	390	510	3880	1720	6460	7560	2260	1160	660	1320	330	350
15	300	510	3140	1780	5780	6690	1830	800	800	1160	330	350
16	250	510	2600	1760	5270	6530	1880	840	720	900	330	300
17	300	460	2570	1760	4910	7000	1650	1010	660	930	240	550
18	300	510	1670	2980	4650	6420	1540	1020	420	960	240	550
19	300	510	1970	2840	4250	6300	1450	730	650	880	610	550
20	350	620	2390	2910	3940	6520	1280	790	560	850	610	540
21	350	680	3250	2780	3640	6640	1260	680	440	790	660	510
22	350	720	3300	2740	4220	5540	1340	1050	360	790	660	300
23	350	730	5420	1800	4390	5840	1150	770	470	890	520	310
24	350	730	4470	2360	4640	4910	1160	730	440	580	520	450
25	350	730	4030	2580	4920	4590	1130	600	470	1160	570	450
26	450	740	2530	2820	4780	3720	930	640	520	1120	520	510
27	509	740	3200	3400	4100	3840	640	540	600	1150	530	510
28	450	690	2250	3840	4090	3750	700	620	600	980	520	510
29	460	640	2270	4470	3960	3640	660	410	750	960	520	510
30	450	.....	2040	4470	4300	3140	610	460	760	1090	580	510
31	400	.....	2580	.....	4300	.....	1220	530	.....	1000	.....	510
Mean	380	535	2160	2295	4729	5517	1797	928	640	962	547	476
Max.	500	740	5420	4470	6740	7560	3840	1520	1350	1320	1000	580
Min.	250	310	480	1500	3200	3140	610	410	360	630	230	300
A. F.	23285	29851	132974	136564	290809	328328	110500	57045	38123	59167	32569	29276
Total	1,268,582 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1917**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	410	280	440	2650	3670	9400	16550	2220	900	540	580	760
2	410	370	500	1460	4020	10190	15830	2655	1010	260	580	760
3	410	280	500	2160	3700	9800	15510	2435	550	380	580	760
4	410	330	450	2180	3130	9670	13750	2285	450	340	580	760
5	410	270	450	1470	3020	8750	11740	1675	1030	670	660	770
6	410	270	450	1720	3220	9430	11150	1705	1140	650	660	770
7	410	270	450	1490	3420	10250	10900	1660	1285	560	660	770
8	410	330	450	1740	2760	9440	10670	1020	1000	560	740	770
9	410	380	450	2070	3390	9740	9830	2210	1070	630	740	780
10	360	380	450	3340	3240	11130	9630	1560	1040	730	740	780
11	360	380	450	5480	3160	12900	10000	945	855	610	740	470
12	420	380	450	5690	3410	15350	9500	945	665	580	740	390
13	410	380	570	6390	4130	15560	8960	1165	775	610	600	390
14	420	280	570	6450	4050	16680	7590	1185	1060	650	600	390
15	210	380	570	6700	5900	15560	7000	1135	985	590	600	390
16	210	380	510	5260	5720	15170	6300	1425	955	650	600	390
17	210	440	510	4900	8890	15790	5850	1425	905	690	600	390
18	210	330	400	5160	10360	16170	4840	1345	715	510	600	390
19	260	230	400	5070	12040	18080	5220	1195	665	590	600	390
20	270	330	400	4760	13530	19110	4280	1285	825	510	600	400
21	370	230	400	3920	13480	20120	4220	1085	700	420	600	550
22	480	440	400	3520	13260	19840	4990	1085	690	150	600	550
23	530	490	400	3980	12010	19640	3885	1185	620	220	600	550
24	530	490	400	5330	12310	19610	3380	1065	705	510	610	550
25	530	490	510	6600	9690	19700	2805	785	640	510	600	550
26	470	500	520	7660	10680	19220	3315	755	680	580	610	550
27	480	340	570	7710	9920	19180	3475	585	620	590	600	550
28	280	330	580	7110	10210	18960	2990	1240	640	510	610	560
29	370	.....	1610	5910	10210	18250	2655	800	510	510	610	560
30	320	.....	1680	5120	8790	17310	2685	980	510	440	610	550
31	420	.....	1690	.....	9010	.....	2175	1440	.....	430	.....	.....
Mean	384	374	581	4459	7271	15003	7483	1385	808	521	628	573
Max.	530	500	1690	7710	13530	20120	16550	2655	1295	730	740	780
Min.	210	270	400	1470	2760	8750	2175	585	450	150	580	390
A. F.	23620	20790	35700	265310	447090	892780	460120	85140	48090	32090	37323	35165
Total	2,383,218 Acre Feet.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1918

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	560	330	510	1600	2560	7600	4270	750	680	500	670	300
2	560	330	510	1700	2230	6890	4080	1080	290	730	720	300
3	640	340	510	2160	1890	6910	2550	1160	690	960	920	300
4	650	330	510	2250	2420	6440	2600	870	290	640	840	370
5	640	330	510	1700	2900	6210	2590	990	93	710	790	360
6	640	330	510	1000	2720	6260	2370	830	290	530	700	370
7	650	330	600	1380	4840	6550	2050	660	610	720	840	370
8	650	340	600	1840	5880	8220	2060	730	440	880	780	750
9	650	330	600	2320	5320	8840	1900	810	490	880	710	1170
10	650	330	600	1990	6650	9440	1610	770	730	970	640	1320
11	250	420	1200	1970	6820	11150	2540	650	640	860	570	1470
12	330	420	1200	1730	5880	11220	1720	500	100	980	410	1620
13	250	420	1200	2450	5970	12820	2250	850	210	930	500	1770
14	250	420	1210	2560	4920	13340	2690	720	190	1000	370	1480
15	330	420	1300	2940	4540	14040	1990	600	1130	930	790	520
16	250	420	1120	3380	4350	14270	2490	570	760	930	850	520
17	330	420	1120	3010	4630	14330	2510	820	770	820	710	900
18	250	420	1130	3470	5340	13490	2230	220	610	850	650	520
19	250	420	1130	2830	6260	14270	2290	130	620	810	440	380
20	490	420	1130	2360	5610	13820	2260	700	550	780	650	300
21	490	500	1320	1870	6020	13220	1720	560	260	800	440	380
22	490	500	1310	1740	5600	13060	1930	440	320	800	370	2190
23	490	510	1320	1980	5880	12480	1520	610	320	780	370	1340
24	490	500	1320	1810	5260	11990	1620	430	330	600	230	750
25	490	510	1330	1710	6600	11240	1360	430	150	600	300	610
26	490	510	1770	1900	6460	10200	1490	860	920	490	370	470
27	490	590	1780	2000	6460	8690	1620	440	1040	500	380	460
28	490	590	2230	2180	6510	7760	1460	440	790	790	440	320
29	490	.....	2700	2480	7470	5240	1370	590	960	960	440	310
30	500	.....	2130	2180	7210	4610	1270	500	980	1120	370	310
31	570	.....	1870	.....	7310	.....	1100	580	.....	880	.....	380
Mean	468	419	1170	2140	5262	10152	2113	654	542	798	583	719
Max.	650	590	2700	3470	7470	14330	4270	1160	980	1120	920	2190
Min.	250	330	510	1600	1890	4610	1100	130	90	500	230	300
A. F.	28780	23270	71960	127320	323530	604115	129839	40245	32231	49091	34691	44251
Total	1,509,423 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	160	290	400	2300	3900	7860	1210	220	320	340	410	290
2	310	410	480	2640	2970	7430	1110	490	130	220	350	380
3	230	390	480	3000	3140	5110	710	450	130	410	380	440
4	240	470	550	3020	3050	5220	810	520	80	550	590	510
5	310	390	400	2950	2940	5030	910	520	100	360	580	440
6	310	470	330	2970	2980	3960	1120	520	90	260	530	450
7	310	540	400	2560	3400	3040	1070	160	300	250	500	380
8	380	540	400	2060	3320	1810	970	700	190	490	390	390
9	310	470	330	2070	3420	1740	620	670	160	500	410	360
10	380	470	330	1820	3040	2770	750	670	120	540	410	330
11	310	390	410	1820	2980	3280	650	720	130	500	380	330
12	310	390	400	880	3150	3070	360	690	110	300	350	330
13	380	320	410	880	2820	2900	190	670	160	310	330	330
14	310	400	400	1050	2870	2780	150	580	170	370	320	330
15	240	390	480	1580	2520	3190	240	410	320	410	300	300
16	240	400	650	1760	3210	3290	270	180	210	410	530	300
17	240	390	650	1250	2640	2790	280	60	180	420	570	290
18	240	400	650	1240	3680	2790	140	200	110	430	600	300
19	310	390	650	1250	3870	2920	100	380	100	460	600	330
20	310	400	650	1430	4000	2380	270	290	220	490	600	330
21	310	480	650	1640	5310	3490	270	220	370	590	370	390
22	310	390	650	2060	4920	2800	400	130	350	590	610	460
23	310	480	810	2870	5630	2220	600	130	170	580	610	520
24	310	470	970	3080	5720	1850	550	120	160	570	610	530
25	390	400	1130	3090	5840	1940	540	260	180	620	430	520
26	240	400	1300	3650	6300	1390	160	340	110	620	370	530
27	310	330	1300	4210	6250	1270	190	150	230	600	310	470
28	310	400	1310	3890	6500	2230	390	170	170	610	260	380
29	320	.....	1310	3960	6680	1470	380	140	370	410	200	370
30	290	.....	2000	2580	6440	1350	370	170	360	410	200	340
31	.....	.....	2000	.....	6490	.....	240	170	.....	410	.....	340
Mean	297	402	696	1318	4225	3112	716	358	193	453	443	386
Max.	390	540	2000	4210	6680	7860	1210	720	370	620	610	530
Min.	160	290	330	880	2520	1270	100	60	80	220	200	290
A. F.	17712	22334	42804	78467	259799	185179	31775	22017	11504	27828	26380	23782
Total	749,581 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	320	510	560	910	2050	13300	6390	1400	560	440	660	550
2	310	600	640	880	1950	15340	6040	1080	710	610	670	470
3	350	630	560	830	3190	14840	5790	1040	910	510	600	400
4	350	590	440	700	8250	11840	4870	1400	950	460	600	400
5	320	450	400	740	7900	11670	4430	1870	320	350	600	400
6	350	560	520	1380	9030	12450	4220	1600	730	340	680	320
7	320	590	490	1390	8860	11320	3930	1210	430	440	600	320
8	280	750	520	1946	8940	12580	3620	1540	390	610	600	320
9	320	750	560	2980	8680	12900	3090	1350	360	570	520	400
10	250	610	650	5750	8380	14610	3520	1390	380	660	450	400
11	460	530	850	6300	8510	15020	2440	1020	330	750	610	400
12	320	680	940	6370	9020	14870	2480	760	370	750	610	400
13	290	750	860	5170	10000	15130	3030	860	410	830	630	320
14	430	680	1140	3300	9520	14190	2160	1280	370	710	690	320
15	290	500	1630	3410	7780	13680	2740	1500	420	550	680	330
16	360	500	1130	4320	6830	12950	2840	990	520	540	680	250
17	430	460	1130	4320	7850	12610	2250	860	580	570	690	260
18	360	540	1430	3840	7280	11850	2060	890	580	660	680	250
19	290	620	1100	3890	7720	10780	1500	1120	820	490	690	250
20	400	510	1020	2810	8510	9630	1750	1610	890	400	690	250
21	330	580	930	1710	8800	8470	2150	1030	1000	810	690	320
22	330	630	1530	1710	9880	7860	1930	830	920	630	660	250
23	360	710	2130	1720	11120	7130	1560	780	840	660	690	250
24	400	550	1860	1730	11560	6790	1420	1550	330	740	690	250
25	300	520	1740	1570	11930	7520	1880	2180	830	740	690	330
26	440	590	1990	1690	11720	7050	1980	1450	840	740	700	320
27	510	560	2570	1420	13650	7340	1560	930	610	660	700	410
28	470	560	2280	1190	13920	6860	1920	850	600	660	700	400
29	400	480	1360	1790	14480	6160	1700	850	370	600	620	410
30	580	.....	1540	1560	13290	6540	1540	780	320	670	630	400
31	440	.....	1270	.....	13180	.....	1440	600	.....	670	.....	480
Mean	369	586	1154	2610	9155	11129	2846	1180	623	608	647	349
Max.	580	750	2570	6370	14480	15340	6390	2180	1000	830	700	550
Min.	290	450	400	700	1950	6160	1440	600	320	340	600	250
A. F.	22730	33699	70950	155347	562928	662239	174993	72575	37060	37358	38638	21461
Total	1,917,347 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1921

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	480	520	1670	1200	1480	13220	4940	1800	1200	150	410	540
2	410	440	1790	840	1850	12940	4800	1940	560	710	470	540
3	410	360	1790	760	1850	13610	3720	2520	110	480	500	610
4	410	440	1680	850	2900	13530	3100	2250	270	370	530	540
5	410	440	2150	1320	3310	13690	3390	2050	550	350	530	480
6	490	520	3100	1230	3870	12840	3160	1660	500	320	610	400
7	650	530	2850	1420	5260	14190	3310	1400	760	320	590	550
8	650	690	2090	1610	5230	15360	3560	1520	680	330	840	490
9	570	690	2020	1710	5340	16080	2860	1410	390	530	720	510
10	410	610	1420	1530	5310	16990	2310	1130	710	650	780	510
11	330	440	1520	1350	5690	17590	2540	1050	680	690	780	510
12	300	450	1080	1630	4950	17080	2420	1270	690	670	790	450
13	280	450	990	970	4040	16540	1900	1600	150	750	660	460
14	360	610	1960	1640	4550	17080	1920	2800	230	620	800	460
15	430	690	920	1500	4580	16590	2450	2040	200	710	470	430
16	440	450	1830	1490	4580	16700	1940	1040	140	480	340	430
17	440	530	1240	1490	6340	17070	2590	640	660	400	310	440
18	760	700	1790	1420	6630	17450	2610	1460	850	440	270	370
19	520	580	1070	1600	6840	15750	2220	1100	1000	420	230	370
20	280	700	1790	1870	7320	13870	2600	1220	1080	610	410	370
21	280	530	2320	1420	6600	11270	3380	1310	730	730	410	510
22	440	530	2530	1300	7770	9440	2580	1190	850	600	340	570
23	280	530	2360	1950	7230	7360	2450	1050	590	290	350	550
24	440	530	1910	1970	6920	7430	2440	1150	270	260	410	580
25	520	620	1720	2210	8170	5930	2670	920	330	200	410	440
26	520	700	1640	2250	10430	6830	2830	620	210	180	480	440
27	610	1200	1280	1990	11760	6400	2800	780	220	310	480	440
28	600	1290	1450	2260	9470	6070	1750	700	140	300	480	460
29	440	.....	1080	2040	11500	6280	1520	(88)	230	310	410	580
30	610	.....	820	2070	9940	5190	2300	1390	230	300	410	580
31	610	.....	1200	.....	12160	.....	1750	1449	.....	330	.....	580
Mean	464	599	1711	1563	6273	12682	2729	1391	507	447	504	490
Max.	650	1290	3100	2260	12160	17590	4940	2520	1200	750	840	610
Min.	280	360	820	760	1480	5190	1520	620	110	150	270	400
A. F.	28523	33263	105244	93006	385731	754662	167824	85548	30169	27491	30010	30129
Total	1,771,600 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1922**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	720	380	390	1220	3630	10280	2190	840	270	70	550	480
2	720	380	410	1260	3420	8350	2280	1020	270	80	560	440
3	780	380	400	1190	3670	7230	2330	700	210	100	560	400
4	800	380	410	1060	3550	6990	2270	670	230	140	490	400
5	800	390	370	1350	3590	6520	1430	630	230	150	490	400
6	800	390	390	1930	3760	6360	1900	410	320	270	490	400
7	800	380	350	2190	3600	6300	1990	440	350	340	490	320
8	650	390	390	1930	3560	6740	1900	470	240	340	490	280
9	590	380	390	2430	4480	7370	1900	500	220	370	280	320
10	520	380	390	2990	4870	7960	840	570	220	310	380	340
11	450	380	390	3110	5080	8860	1350	510	120	290	380	340
12	380	390	390	3050	5140	8560	880	390	130	280	410	260
13	240	390	410	3180	5250	8500	780	410	110	230	460	260
14	250	380	420	2090	4880	8050	990	390	100	130	420	260
15	240	390	540	1430	3870	8080	1290	340	100	140	420	260
16	240	380	610	1230	3800	7310	1190	310	140	150	420	260
17	240	390	1190	1420	3690	6990	560	300	140	190	420	300
18	240	380	1410	1370	3710	6770	620	330	150	200	430	300
19	250	390	1720	1530	3490	6090	1270	320	140	250	460	330
20	240	390	1940	1210	3750	6090	1080	420	140	270	460	340
21	250	380	1940	950	5370	6000	730	400	140	330	460	340
22	240	390	1940	780	6510	5570	520	430	120	310	480	500
23	240	390	1940	1220	7910	5170	400	410	130	310	530	480
24	240	390	1950	1640	8010	4680	330	410	130	370	510	480
25	380	390	1960	2370	7380	4720	280	410	130	360	510	480
26	380	380	2280	2750	7370	4360	300	330	110	460	550	480
27	380	390	2670	3040	7930	3880	420	360	140	500	550	480
28	380	380	2020	3400	8780	3290	710	350	130	490	750	480
29	380	.....	1630	3330	10340	3320	760	260	100	700	750	480
30	380	.....	1330	3400	8900	2710	550	240	100	700	750	480
31	380	.....	1180	.....	8860	.....	640	290	.....	700	.....	480
Mean	440	385	1090	2001	5424	6437	1099	447	168	307	500	382
Max.	800	390	2670	3400	10340	10280	2330	1020	350	700	750	480
Min.	240	380	370	780	3470	2710	280	240	100	70	380	280
A. F.	27074	21382	67022	119109	333424	388013	67597	27491	10036	18902	29752	23504
Total	1,133,407 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1923**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	480	420	480	1320	3760	9420	5010	1770	570	1710	900	520
2	400	420	480	1420	4230	8660	4140	1140	570	1720	900	520
3	400	420	480	1430	4490	8510	3460	1240	660	1480	910	520
4	400	420	480	1510	4660	9470	3430	1410	670	1350	910	520
5	400	420	480	1690	3970	9160	3600	1650	650	1220	910	520
6	410	420	480	1690	4000	9320	2990	1040	800	1330	910	440
7	570	420	480	1690	4270	9950	3500	790	660	1030	910	440
8	570	420	480	1670	5460	9150	2880	720	610	1160	890	440
9	570	420	480	1630	5490	8640	2610	1120	530	1660	990	360
10	570	430	480	1440	5570	8600	3440	1040	530	1460	1000	350
11	410	510	460	1560	5850	11690	3200	1140	450	1060	1000	300
12	410	510	460	1570	6520	14150	4740	1070	400	800	1080	360
13	410	510	460	1520	6440	14490	3620	1040	360	880	1090	340
14	410	510	460	1670	6400	13620	3690	900	390	880	1090	360
15	410	510	460	1850	5410	12740	4900	820	240	880	1090	360
16	410	510	460	1810	4690	11850	4100	780	200	980	1090	360
17	410	520	460	1930	2480	12020	3700	920	270	880	1090	360
18	410	520	460	1920	3780	9690	3690	1000	600	890	850	360
19	410	520	460	2100	3570	9700	3960	1270	980	570	860	360
20	410	520	460	2330	3920	9250	3550	1140	1010	570	760	350
21	580	520	780	3070	4960	9000	2320	770	1120	740	770	360
22	490	520	790	3480	6520	7930	2560	660	930	730	770	360
23	490	430	780	3870	7460	6080	2600	740	1070	740	770	360
24	500	430	790	3250	7420	6620	3500	1000	1140	730	770	360
25	500	430	790	2680	7690	6150	3310	970	890	740	610	360
26	500	430	790	2580	7920	5770	2930	990	720	740	610	360
27	500	430	790	2200	8360	5710	2500	710	290	740	610	360
28	500	430	790	2560	8530	5290	2410	480	2840	740	610	360
29	500	.....	790	2730	9020	5410	2580	640	2360	740	610	360
30	500	.....	790	3230	9750	4910	2410	620	1650	740	610	440
31	500	.....	800	.....	9920	.....	2120	580	.....	750	.....	440
Mean	465	463	583	2113	5887	9100	3350	886	805	988	869	397
Max.	800	390	2670	3400	10340	10280	2330	1020	350	700	750	480
Min.	410	420	460	1320	2480	4910	2120	480	200	570	610	340
A. F.	28622	25725	35861	125759	362008	541515	205986	54467	47921	60774	51709	24417
Total	1,564,764 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1924

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	450	360	550	660	3120	8270	2740	1060	140	380	790	820
2	440	370	550	1060	3110	7400	3000	880	160	360	790	820
3	450	360	550	1060	4050	7560	1960	640	240	470	790	790
4	440	360	550	1210	4080	6860	1970	140	190	430	790	640
5	440	360	550	3130	4690	5430	1850	470	390	440	870	650
6	450	360	550	3340	4400	6360	1880	500	270	460	880	640
7	440	370	550	6220	5470	7110	1730	600	170	530	890	400
8	450	360	550	8640	5780	7540	1590	580	150	450	890	410
9	450	360	550	8680	5300	7800	1340	660	140	820	880	410
10	450	370	550	9530	4430	8090	1520	580	85	780	930	370
11	440	630	550	9690	4040	7450	1660	590	100	1270	930	450
12	450	630	650	10590	3790	6510	1600	480	90	1360	450	460
13	360	630	650	9870	4130	7050	1540	830	65	730	460	480
14	360	630	650	9700	4640	7080	1720	960	85	750	490	560
15	360	630	650	12130	5380	8390	1220	650	75	740	460	550
16	360	630	550	15110	5580	9520	860	370	47	740	750	570
17	360	720	550	15920	5280	10170	980	340	42	990	830	570
18	360	720	550	9720	5730	10030	1830	350	40	990	840	620
19	360	720	560	7320	6080	9170	1310	310	70	1060	830	540
20	360	720	550	3690	6840	7740	1170	270	63	1070	850	620
21	360	730	560	1900	6640	7160	1000	220	45	1080	840	840
22	360	730	550	3630	6980	6000	1170	330	30	1090	950	840
23	360	730	650	3650	7380	5460	1090	460	20	1190	660	830
24	360	820	650	4450	7040	3920	1010	490	160	1110	710	840
25	360	820	650	6510	7500	4500	1020	390	580	1120	710	760
26	360	820	660	7000	7320	3850	1000	230	330	1000	710	760
27	280	820	660	6010	7130	4170	810	240	450	1000	610	760
28	270	820	660	4540	7100	3470	890	240	310	1020	600	220
29	280	830	660	3240	7430	3120	1030	230	370	1020	590	220
30	270	.....	660	3250	7890	3180	1200	190	390	990	600	200
31	380	.....	660	.....	8430	.....	1140	130	.....	990	.....	180
Mean	380	590	594	6383	5702	6684	1472	475	176	849	745	578
Max.	450	830	660	15920	8430	10170	3600	1060	580	1360	930	840
Min.	270	360	550	660	3110	3120	810	130	20	360	590	180
A. F.	23345	33937	36555	379860	350623	397771	90507	29197	10487	52206	44331	35584
Total	1,484,403 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1925

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	260	710	620	2980	1710	6500	2890	930	810	890	1120	1100
2	270	400	630	3010	1940	7110	2760	1170	620	790	1470	1100
3	290	360	1310	2130	1880	6340	4420	1200	410	790	1100	1100
4	240	360	1320	2150	2070	6290	4080	940	410	760	1140	1100
5	240	360	1320	2160	2220	6530	4210	920	530	720	1080	1250
6	240	360	1330	2180	2550	4740	4040	1060	1040	1100	1080	790
7	580	360	1330	2140	2570	5820	4160	1170	950	1750	1070	790
8	570	490	1340	3010	2800	6660	3920	1000	1020	2540	840	970
9	580	490	1350	2990	2620	8030	2740	1040	1040	2360	830	800
10	610	540	1830	2380	3180	7140	2670	1340	860	1820	830	800
11	600	540	1840	2280	3800	6440	2300	1950	830	1350	840	610
12	600	550	1860	1640	3530	4920	1700	1240	980	1730	870	620
13	600	570	1870	1640	3350	4510	1560	1370	710	1600	880	620
14	470	570	1880	2460	3180	3640	2360	1490	850	1590	920	620
15	470	710	1060	2670	3390	3770	2530	1630	640	1660	630	620
16	510	700	1060	2820	4020	3850	1330	1520	890	1390	630	580
17	510	710	1060	3100	5050	3840	1440	1140	890	1590	630	580
18	310	710	1120	3100	4600	4300	1740	1100	1150	1120	630	580
19	260	710	1070	2750	4950	4510	1320	730	820	1270	810	580
20	270	710	1080	2830	4860	4640	1370	690	910	1110	850	660
21	260	710	1340	3140	5070	4590	930	610	930	1280	850	660
22	440	710	1340	2780	5120	4700	1560	710	1210	1130	780	670
23	430	710	1340	2700	5360	4900	1520	880	1480	1130	780	760
24	440	570	1850	2510	6150	5450	1590	600	1790	1140	790	770
25	440	570	1870	1850	5920	5760	1580	590	1250	1150	790	760
26	400	570	1880	1840	6040	5380	1820	630	810	1160	790	730
27	700	570	2170	1910	5920	4720	1420	690	1070	1370	650	720
28	710	580	2180	1620	5960	4200	1040	600	1100	990	660	730
29	710	.....	2890	1780	5840	3200	1030	1120	1070	1260	670	650
30	710	.....	2910	1700	5710	3400	950	850	920	1280	670	650
31	510	.....	3010	.....	6130	.....	1590	700	.....	1280	.....	650
Mean	465	567	1582	2408	4086	5163	2210	1020	933	1325	856	756
Max.	710	710	3010	3100	6150	7140	4160	1950	1790	1590	1470	1250
Min.	260	360	630	1700	1710	3200	950	610	410	720	630	610
A. F.	28622	31518	97330	143308	251290	307224	135909	62698	55518	81522	50936	46493
Total	1,292,368 Acre Feet.											





**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO PATHFINDER RESERVOIR—PATHFINDER, WYOMING—1928**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	480	610	550	2960	6320	13400	4990	1830	710	320	730	390
2	480	620	550	2880	6390	12830	4650	1240	600	430	730	490
3	480	610	550	2800	6330	13160	4190	1200	630	340	730	500
4	480	610	640	2830	6720	12030	4130	1290	540	280	740	490
5	480	690	630	2830	6680	12220	3580	1320	560	240	740	540
6	480	690	640	2850	6240	11510	3330	1450	670	280	740	540
7	480	690	640	2880	5230	9230	3720	1310	780	310	740	540
8	410	690	640	3710	5770	6910	2520	1210	580	380	740	520
9	480	690	640	2360	6450	6910	2590	1290	560	450	740	500
10	410	690	640	1180	7150	6820	2520	1330	650	470	750	500
11	480	700	1100	1190	8970	6930	2210	1370	700	440	1100	500
12	480	690	1100	1190	10720	6650	2010	1380	510	320	1100	500
13	480	700	1100	1460	10360	7310	2070	1300	510	290	1110	500
14	480	700	1110	1640	10070	7060	1520	1290	410	490	1110	500
15	630	690	1110	1560	10530	6770	1760	1100	460	850	1110	500
16	630	700	1110	1560	10160	6180	2020	960	330	570	1110	400
17	690	700	1110	1570	9820	5520	1890	1140	320	840	1120	390
18	600	700	1120	1670	10440	5630	2040	1100	300	570	350	490
19	630	620	1120	1680	9090	6860	1830	960	430	770	360	390
20	630	630	1120	1680	9140	6740	1470	890	390	780	380	400
21	630	550	2960	1780	8510	6260	1890	890	510	870	540	400
22	550	540	2970	2070	8520	6100	2070	820	660	890	540	400
23	550	470	2960	2080	8800	5080	2070	640	770	920	560	400
24	550	480	3010	2090	8920	4460	2190	620	360	850	570	400
25	550	470	3930	2100	10530	4780	1780	850	310	800	430	400
26	550	550	4290	2490	10700	4860	2100	970	280	750	390	400
27	550	550	4660	3180	11130	5120	1950	900	280	680	390	400
28	550	550	4710	3300	12140	5090	1890	580	290	720	390	400
29	640	550	3730	4760	13420	5620	1780	650	300	720	380	400
30	610	.....	3760	5750	13990	5050	1750	410	350	730	390	400
31	610	.....	3790	.....	13290	.....	1780	450	.....	730	.....	400
Mean	540	625	1871	2989	9123	7427	2467	1066	498	583	694	448
Max.	690	700	4710	5750	13990	13400	4990	1830	770	920	1120	540
Min.	410	470	550	1180	6320	4460	1750	410	280	240	350	390
A. F.	33183	35960	115082	140987	561191	441943	151718	64939	29375	35861	41276	27550
Total	1,679,065 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1914**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	5	5	5	5	4215	3790	4555	5015	4555	985	5
2	5	5	5	5	5	4215	3650	4555	5015	2655	985	5
3	5	5	5	5	5	4215	3730	4555	5015	2525	985	5
4	5	5	5	5	5	4215	4140	4555	5015	2530	985	5
5	5	5	5	5	1400	4215	4470	4555	5015	2525	5	5
6	5	5	5	5	2030	4080	4470	4555	4570	2525	5	5
7	5	5	5	5	530	4215	4470	4555	5380	2050	5	5
8	5	5	5	5	5	4215	4470	4555	5050	2030	5	5
9	5	5	5	5	5	4215	4470	4555	5015	2030	5	5
10	5	5	5	5	2260	4300	4780	4555	4520	2030	5	5
11	5	5	5	5	3005	4300	5015	4555	4555	2030	5	5
12	5	5	5	5	3005	4300	4410	4555	4555	2030	5	5
13	5	5	5	5	3005	4300	5080	4555	4555	2030	5	5
14	5	5	5	5	3005	4300	5015	4250	4555	2030	5	5
15	5	5	5	5	3005	4300	5015	5435	4555	2030	5	5
16	5	5	5	5	3005	4300	5015	5345	4555	2030	5	5
17	5	5	5	5	3500	4300	5580	5515	4555	2030	5	5
18	5	5	5	5	4055	4300	5620	5515	4555	2030	5	5
19	5	5	5	5	4055	4345	4860	5515	4555	1830	5	5
20	5	5	5	5	4055	4370	4555	5140	4760	1815	5	5
21	5	5	5	5	4055	3680	4555	5015	4555	1815	5	5
22	5	5	5	5	4055	4785	4555	5015	4555	1815	5	5
23	5	5	5	5	4055	5080	4555	5015	4555	1815	5	5
24	5	5	5	5	4055	5100	4555	5015	4555	1020	5	5
25	5	5	5	5	4055	5060	4555	5015	4555	985	5	5
26	5	5	5	5	4055	5150	4555	5015	4555	970	5	5
27	5	5	5	5	4135	4900	4555	5015	4555	985	5	5
28	5	5	5	5	4135	4180	4555	5015	4555	985	5	5
29	5	5	.....	5	4135	4135	4555	5015	4555	985	5	5
30	5	5	.....	5	4135	3925	4555	5015	4555	985	5	5
31	5	5	.....	5	4175	.....	4555	5015	.....	985	.....	5
Mean	5	5	5	5	2743	4375	4603	4874	4697	1877	135	5
Max.	5	5	5	5	4175	5150	5620	5515	5380	4555	985	5
Min.	5	5	5	5	5	3680	3650	4250	4520	985	5	5
A. F.	307	277	307	297	168676	260334	283085	299697	278505	115410	8073	307
Total	1,456,255 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1915**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	10	10	10	1490	1880	4990	3505	2000	5	5	5
2	5	10	10	10	1650	2660	5015	3505	2000	5	5	5
3	5	10	10	10	985	3510	5015	3525	2000	5	5	5
4	5	10	10	10	1000	3505	5000	3525	2000	5	5	5
5	5	10	10	10	1000	3505	5015	3240	2050	5	5	5
6	5	10	10	10	1000	3505	5015	3200	2000	5	5	5
7	5	10	10	10	1000	3505	5015	3200	2000	5	5	5
8	5	10	10	10	1000	2000	5015	3200	2015	5	5	5
9	5	10	10	10	1000	2085	5000	3200	2000	5	5	5
10	5	10	10	10	1000	2085	4630	3200	2000	5	5	5
11	5	10	10	10	1000	2085	4510	3200	2000	5	5	5
12	5	10	10	10	1000	2040	4510	3200	2000	5	5	5
13	5	10	10	10	1560	2055	4510	3200	2000	5	5	5
14	5	10	10	10	2030	2085	4510	3200	2000	5	5	5
15	5	10	10	10	2000	2085	4250	3200	2000	5	5	5
16	5	10	10	10	2000	2085	4490	3200	2000	5	5	5
17	5	10	10	1540	2000	2640	4700	3200	1540	5	5	5
18	5	10	10	1840	2500	3040	4950	3200	1500	5	5	5
19	5	10	10	1970	1360	3060	4750	3200	1530	5	5	5
20	5	10	10	1970	1020	3090	4075	3200	1525	5	5	5
21	5	10	10	1970	330	3070	4200	3200	1500	5	5	5
22	5	10	10	1970	5	3055	4015	3200	1500	5	5	5
23	5	10	10	1970	5	3055	3730	3200	1500	5	5	5
24	5	10	10	1630	5	3055	3720	3200	1500	5	5	5
25	5	10	10	980	5	3055	3750	2530	1500	5	5	5
26	5	10	10	1000	5	3055	3715	2500	1500	5	5	5
27	5	10	10	985	5	3055	3585	2500	1500	5	5	5
28	5	10	10	985	470	3070	3505	2500	1500	5	5	5
29	5	-----	10	985	950	3039	3505	2160	330	5	5	5
30	5	-----	10	985	1055	4015	3570	2030	5	5	5	5
31	10	-----	10	-----	1055	-----	3505	2000	-----	90	-----	5
Mean	5	10	10	698	1047	2830	3144	1683	8	5	5	5
Max.	10	10	10	1970	2500	4015	5015	3525	2050	90	5	5
Min.	5	10	10	10	5	1880	3505	2000	5	5	5	5
A. F.	317	555	615	413.34	62450	167199	269290	187084	156832	476	297	307
Total	886,956 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1916**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	10	10	10	1000	4300	5015	4550	2125	750	5	5
2	10	10	10	10	1000	4340	4980	4460	2750	780	5	5
3	10	10	10	10	2030	3330	5015	4570	2970	780	5	5
4	10	10	10	10	2000	4490	5340	4430	2540	800	5	5
5	10	10	10	10	2000	4300	5410	4350	2205	800	5	5
6	10	10	10	10	2000	4300	5410	4595	2170	800	5	5
7	10	10	10	10	2000	4300	5410	4800	2260	660	5	5
8	10	10	10	10	2030	4300	5410	4555	2370	750	5	5
9	10	10	10	10	2060	4350	5700	4725	2260	850	5	5
10	10	10	10	10	2440	4300	5725	4595	2205	955	5	5
11	10	10	10	10	2420	4885	5725	4860	2205	1290	5	5
12	10	10	10	10	3090	5015	5725	4430	2205	1290	5	5
13	10	10	10	10	2910	5060	5490	4595	1790	230	5	5
14	10	10	10	10	4260	5640	5410	4595	1640	5	5	5
15	10	10	10	10	4260	5120	5455	4010	1905	5	5	5
16	10	10	10	10	4260	5015	5470	3400	2015	5	5	5
17	10	10	10	10	4260	5015	5470	2465	1905	5	5	5
18	10	10	10	10	4140	5015	5470	3575	1845	5	5	5
19	10	10	10	10	3780	5015	5470	3660	1665	5	5	5
20	10	10	10	10	4340	5015	4790	3370	1765	5	5	5
21	10	10	10	10	4340	4985	4550	3350	1850	5	5	5
22	10	10	10	10	4340	4355	4515	3320	1605	5	5	5
23	10	10	10	10	4555	2610	4645	3660	1615	5	5	5
24	10	10	10	10	4300	4055	4430	3360	1690	5	5	5
25	10	10	10	10	4300	4055	4470	3400	1665	5	5	5
26	10	10	10	10	690	4300	4055	4470	3300	1665	5	5
27	10	10	10	10	1300	4300	4775	4290	3300	1765	5	5
28	10	10	10	10	1000	4300	5015	3970	3135	1765	5	5
29	10	10	10	10	1000	4300	5065	4020	3200	1200	5	5
30	10	-----	10	1000	4300	5065	3950	2140	750	5	5	5
31	10	-----	10	-----	4300	-----	3910	2065	-----	5	-----	5
Mean	10	10	10	164	3351	4738	5001	3994	1947	349	5	5
Max.	10	10	10	1000	4555	5640	5725	4800	2870	1290	5	5
Min.	5	10	10	10	1000	3330	3910	2065	750	5	5	5
A. F.	605	575	615	9798	206056	281974	307660	237662	115886	21481	297	307
Total	1,182,916 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1917**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	5	5	5	1005	5350	17380	5550	5110	2150	5	5
2	5	5	5	5	1005	6405	16720	4245	5110	1255	5	5
3	5	5	5	5	1005	7450	15930	4055	5110	1095	5	5
4	5	5	5	5	1005	8270	15160	4055	5110	1095	5	5
5	5	5	5	5	1005	6700	14140	4485	5110	1095	5	5
6	5	5	5	5	1005	7305	13060	4555	5110	1095	5	5
7	5	5	5	5	1005	8200	12120	5730	5110	1095	5	5
8	5	5	5	5	1005	8670	11370	5730	5110	1095	5	5
9	5	5	5	5	1005	8860	10810	5720	5110	1095	5	5
10	5	5	5	5	1005	9320	10440	5730	5110	1095	5	5
11	5	5	5	5	1585	10210	10160	4375	4235	1095	5	5
12	5	5	5	5	2000	11610	9820	4065	4025	1095	5	5
13	5	5	5	5	2050	13190	9400	4055	4025	1095	5	5
14	5	5	5	5	2050	14430	8860	4055	4180	1095	5	5
15	5	5	5	5	2120	14980	8230	4055	4055	1095	5	5
16	5	5	5	5	2020	14850	8490	4055	4055	1095	5	5
17	5	5	5	5	2065	14960	8410	4055	4055	1095	5	5
18	5	5	5	5	2020	15240	8350	4055	4055	1095	5	5
19	5	5	5	5	2035	15950	8200	4055	4055	1095	5	5
20	5	5	5	5	2065	16890	8090	4065	4055	1095	5	5
21	5	5	5	5	2020	17750	7780	4065	3200	255	5	5
22	5	5	5	5	380	18310	5620	4065	3070	5	5	5
23	5	5	5	5	10	18640	4755	4135	3070	5	5	5
24	5	5	5	800	10	18850	4560	4055	3125	5	5	5
25	5	5	5	960	10	18900	4545	4055	3070	5	5	5
26	5	5	5	1020	10	18900	4755	4055	3070	5	5	5
27	5	5	5	1020	10	18900	4685	4055	3070	5	5	5
28	5	5	5	1020	20	18810	4590	4850	2260	5	5	5
29	5	5	5	990	1970	18560	4555	5130	2140	5	5	5
30	5	5	5	990	3030	18130	4555	5110	2140	5	5	5
31	5	5	5	4125	4125	4125	4555	5110	5	5	5	5
Mean	5	5	5	230	1347	13048	9035	4497	4005	755	5	5
Max.	5	5	5	1020	4125	18900	17380	5730	5110	2140	5	5
Min.	5	5	5	5	10	5350	4555	4055	2140	5	5	5
A. F.	310	280	310	13830	83510	809180	560190	278820	240830	46820	300	310
Total	2,034,190 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1918**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	5	5	525	3620	4970	5900	4645	3330	1500	25	25
2	5	5	5	525	4420	4990	6050	4645	3330	1500	25	25
3	5	5	5	525	4600	5060	5190	4095	3330	1500	25	25
4	5	5	5	525	4600	5060	6110	4000	3330	1500	25	25
5	5	5	5	525	4600	5060	5620	4095	3330	1500	25	25
6	5	5	5	90	4600	4880	5510	4095	3330	25	25	25
7	5	5	5	10	4600	5015	4930	4095	3295	25	25	25
8	5	5	5	10	4600	5015	4870	4095	3295	25	25	25
9	5	5	5	10	4600	5015	4895	4095	3295	25	25	25
10	5	5	5	10	4760	5040	4920	4095	3265	25	25	25
11	5	5	5	10	4920	5060	4970	4140	3265	25	25	25
12	5	5	5	10	4920	5060	5015	3885	3265	645	25	25
13	5	5	5	850	4920	5060	5015	3750	3265	735	25	25
14	5	5	5	1090	4920	4910	5015	3750	3200	735	25	25
15	5	5	5	1095	4920	4895	5015	3750	2305	735	25	15
16	5	5	5	1095	4130	4990	5015	3750	2305	735	25	15
17	5	5	5	1095	4600	5060	4990	3750	2305	735	25	15
18	5	5	5	1095	4710	5630	4970	3790	2305	735	25	15
19	5	5	5	1095	4825	7150	4990	3790	2305	735	25	15
20	5	5	5	1095	800	8820	5060	3790	2305	735	25	15
21	5	5	5	1870	2709	9855	5040	4070	2305	735	25	15
22	5	5	5	2030	4600	10555	4970	3715	2305	735	25	15
23	5	5	5	2200	4710	11175	4970	3715	2305	735	25	15
24	5	5	5	2195	4870	11530	4970	3715	2305	210	25	15
25	5	5	5	2195	4900	11530	4970	3715	1810	25	25	15
26	5	5	5	2195	4920	9690	4970	3790	1500	25	25	15
27	5	5	5	2195	4920	8940	4970	3750	1500	25	25	15
28	5	5	10	2195	4920	9520	4970	2820	1500	25	25	15
29	5	5	5	2195	4920	6630	4970	2820	1500	25	25	15
30	5	5	330	2470	4920	6240	4920	3330	1500	25	25	15
31	5	5	510	4710	4710	4710	4160	3330	25	25	25	15
Mean	5	5	32	1101	4508	6746	5094	3834	2615	541	25	19
Max.	5	5	510	2470	4920	11530	4110	4645	3330	1500	25	25
Min.	5	5	5	16	800	4880	4160	2820	1500	25	25	15
A. F.	307	278	1965	65505	277205	401430	313254	235780	255674	33253	2487	1200
Total	1,487,338 Acre Feet.											

## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1919

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	15	15	15	15	2650	5515	4580	3890	3160	1600	15	15
2	15	15	15	15	1650	5515	4360	3710	3005	1600	15	15
3	15	15	15	15	1625	5515	4360	3945	2805	1600	15	15
4	15	15	15	15	1625	5595	4000	3915	2790	1600	15	15
5	15	15	15	15	1650	5705	4035	3875	2725	1600	15	15
6	15	15	15	15	1625	5765	4325	3860	2540	1600	15	15
7	15	15	15	15	1485	5765	4150	3845	2515	1600	15	15
8	15	15	15	15	1625	5765	4150	3480	2715	1600	15	15
9	15	15	15	15	1650	5765	4150	4005	2395	1600	15	15
10	15	15	15	15	1650	4970	3780	3825	2350	1600	15	15
11	15	15	15	15	1595	5035	4235	3825	2300	2000	15	15
12	15	15	15	15	1570	4995	4210	3855	2300	1600	15	15
13	15	15	15	15	1650	5050	3870	3810	2270	1600	15	15
14	15	15	15	15	1540	4950	3815	3785	1805	1600	15	15
15	15	15	15	15	2780	5135	3675	3680	1805	1600	15	15
16	15	15	15	15	2960	5410	3760	3500	1940	1600	15	15
17	15	15	15	15	2960	5555	3810	3135	1675	1600	15	15
18	15	15	15	15	3155	5410	3755	3905	1635	1600	15	15
19	15	15	15	15	3155	5410	3640	3130	1560	1600	15	15
20	15	15	15	15	2210	5020	3610	3300	1545	1600	15	15
21	15	15	15	15	5015	4970	3585	3200	1655	1600	15	15
22	15	15	15	15	4135	5090	3690	3120	1800	1600	15	15
23	15	15	15	15	4760	5000	3840	3035	1775	1600	15	15
24	15	15	15	15	4825	4990	4025	3020	1585	1600	15	15
25	15	15	15	15	4825	4980	3990	3995	1570	1600	15	15
26	15	15	15	15	5015	5090	3990	3125	1585	1600	15	15
27	15	15	15	15	4960	4575	3990	3195	1505	1600	15	15
28	15	15	15	15	5015	4505	3715	3990	1620	335	15	15
29	15	.....	15	980	5120	5000	3915	3000	1555	15	15	15
30	15	.....	15	1080	4375	4585	3905	2955	1745	15	15	15
31	15	.....	15	.....	4355	.....	3975	2975	.....	15	.....	15
Mean	15	15	15	82	2990	5215	3964	3448	2074	1418	15	15
Max.	15	15	15	1080	5120	5765	4580	4005	3160	2000	15	15
Min.	15	15	15	15	1485	4505	3585	2905	1505	15	15	15
A. F.	922	833	922	4919	183890	310318	243752	212006	123433	87234	892	922
Total	1,170,043	Acre Feet.										

## DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	15	15	15	15	15	5450	6535	4210	3420	1500	15	15
2	15	15	15	15	15	5450	6225	4250	3275	1500	15	15
3	15	15	15	15	15	5475	5980	4235	3410	1500	15	15
4	15	15	15	15	15	6165	5660	4170	3600	1500	15	15
5	15	15	15	15	15	7150	5210	4160	3610	1500	15	15
6	15	15	15	15	15	7980	4845	4150	3490	1350	15	15
7	15	15	15	15	15	8250	4590	4140	3410	1500	15	15
8	15	15	15	15	15	9410	5375	4130	3075	1500	15	15
9	15	15	15	15	20	8435	5815	4110	2990	1500	15	15
10	15	15	15	15	20	9650	5760	4100	2990	1500	15	15
11	15	15	15	15	20	10930	6315	4085	2990	1500	15	15
12	15	15	15	15	20	11870	5830	4075	2940	1500	15	15
13	15	15	15	15	20	11560	6400	3815	490	1500	15	15
14	15	15	15	15	20	11755	5840	3900	1670	1500	15	15
15	15	15	15	15	20	12150	5620	4030	2940	1185	15	15
16	15	15	15	15	20	12260	5620	4020	2955	1165	15	15
17	15	15	15	15	20	11840	5620	3995	1200	1205	15	15
18	15	15	15	15	20	11430	5620	3855	1500	1500	15	15
19	15	15	15	15	20	11150	5620	3855	1500	1165	15	15
20	15	15	15	15	20	10670	5600	3900	1500	1165	15	15
21	15	15	15	15	20	9995	5600	3960	1500	1165	15	15
22	15	15	15	15	20	9310	5600	3930	1500	270	15	15
23	15	15	15	15	20	8640	5140	3610	1500	15	15	15
24	15	15	15	15	20	8015	4770	3700	1500	15	15	15
25	15	15	15	15	20	7730	4630	3900	1500	15	15	15
26	15	15	15	15	20	7460	4770	3900	1200	15	15	15
27	15	15	15	15	20	7370	4210	3885	1500	15	15	15
28	15	15	15	15	4540	7240	4210	3800	1500	15	15	15
29	15	15	15	15	5350	7020	4210	3710	1500	15	15	15
30	15	.....	15	15	5410	6710	4210	3695	1415	15	15	15
31	15	.....	15	.....	5410	.....	4210	3615	.....	15	.....	15
Mean	15	15	15	15	684	8954	3643	3964	2262	961	15	15
Max.	15	15	15	15	5410	12260	6535	4250	3610	1500	15	15
Min.	15	15	15	15	15	5450	4210	3610	490	15	15	15
A. F.	922	863	922	892	42070	632808	328546	243752	134620	59118	892	922
Total	1,346,327	Acre Feet.										

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1921**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	15	120	120	100	2215	1840	5740	5470	3880	1820	20	20
2	15	120	120	20	2215	4270	6040	5470	3940	1820	20	20
3	15	120	120	20	2215	6720	5860	5450	3220	1820	20	20
4	15	120	120	20	2215	8790	5790	5430	3320	1820	20	20
5	15	120	120	20	2215	10220	6020	5410	3960	1820	20	20
6	15	120	120	20	2215	11260	5740	5400	3950	1820	20	20
7	15	120	120	20	2215	12160	5820	4720	3940	1820	20	20
8	15	120	120	20	2215	13040	5730	4430	3940	1810	20	100
9	15	120	120	20	2230	13970	5890	4480	2930	1810	20	115
10	15	120	120	20	2230	14950	5290	4440	2890	1810	20	115
11	15	120	125	20	2230	15620	5470	4290	2890	1810	20	115
12	140	120	125	20	2230	16040	5540	4110	2880	1810	20	115
13	120	120	125	20	2240	16360	5540	4330	2650	1810	20	130
14	120	120	125	20	2240	16610	5490	4540	2890	1810	20	130
15	120	120	135	3030	2240	16700	5450	5270	2890	1810	20	100
16	120	120	165	3200	2240	16700	5410	3290	2880	1810	20	100
17	120	120	100	3200	2240	16730	5420	4090	2870	1810	20	110
18	120	120	100	1280	2240	16760	5460	4130	2870	1580	20	105
19	120	120	100	1975	2240	16620	5450	4130	2870	1810	20	105
20	120	120	100	2215	2250	16030	5430	4130	2870	340	20	105
21	120	120	100	2215	2250	14780	5430	4130	2870	20	20	105
22	120	120	100	2215	2260	13150	5430	4120	2870	20	20	105
23	120	120	100	2830	2260	10720	5450	4080	2870	20	20	105
24	120	120	100	3185	2260	10130	5470	3910	2870	20	20	105
25	120	120	100	3185	2260	9040	5470	3940	2870	20	20	105
26	120	120	100	3185	2270	8150	5460	3690	2870	20	20	105
27	120	120	100	2920	2270	7530	5450	3410	2870	20	20	105
28	120	120	100	3185	2270	7060	5460	3550	2870	20	20	105
29	120	.....	100	2920	2185	6600	5470	3490	20	20	20	105
30	120	.....	100	2570	2185	6170	5470	3350	1560	20	20	105
31	120	.....	100	.....	2005	.....	5470	2890	.....	20	.....	105
Mean	83	120	113	1455	2227	11824	5568	4341	2969	1122	20	88
Max.	140	120	165	3200	2270	16760	6040	5470	3940	1820	20	130
Min.	15	120	100	20	2035	1840	5410	3350	20	20	20	20
A. F.	5127	6665	6942	86619	136950	703587	342371	266919	176710	69005	1190	5435
Total	1,807,520 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1922**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	105	105	105	20	1080	3750	6000	4405	3400	1170	10	50
2	105	105	105	20	1790	5150	6000	4695	3400	1150	10	50
3	105	105	105	20	900	4010	5500	4800	3070	1200	10	50
4	105	105	105	20	1080	4010	5500	4445	2980	1200	10	50
5	105	105	105	20	1960	4010	5500	4300	2980	1190	10	50
6	105	105	105	20	3650	4010	5515	4510	2970	1410	10	50
7	105	105	105	20	4055	4010	5500	4150	3400	1490	10	50
8	105	105	105	20	4055	4030	5160	4165	3255	1480	10	50
9	105	105	105	20	4055	4030	5030	4185	3085	1470	10	80
10	105	105	105	20	4055	4040	5015	4215	3260	1500	10	100
11	105	105	105	20	4055	4055	5005	4265	3305	1490	10	100
12	105	105	105	20	4055	4055	4880	4110	3280	1490	10	100
13	105	105	105	20	4090	4085	4400	3855	3150	1490	10	100
14	105	105	105	20	4090	5170	4285	3840	3120	1480	10	100
15	105	105	105	20	4090	5170	4510	3825	2250	1480	10	100
16	105	105	105	20	4090	5170	4805	3825	1200	1470	10	100
17	105	105	105	20	4090	5310	4700	3810	3530	1470	10	100
18	105	105	105	20	4090	5550	4070	3780	2905	1470	10	100
19	105	105	110	20	4150	5515	4140	3780	2890	1460	10	100
20	105	105	110	20	3230	5515	4770	3750	2880	1120	10	100
21	105	105	110	20	3420	5515	4600	3810	2870	1085	10	100
22	105	105	110	20	4110	5515	4455	3795	2795	1080	130	100
23	105	105	110	20	3500	6080	4200	3825	2460	1080	110	100
24	105	105	20	20	6360	6093	4120	3810	2095	1095	50	75
25	105	105	20	20	7480	6000	4075	3795	2095	1095	50	75
26	105	105	20	10	7480	5990	4030	3780	2085	1095	50	75
27	105	105	20	5	7490	6040	4065	3765	2075	1095	50	75
28	105	105	20	0	7200	6060	4165	3750	2075	230	50	75
29	105	.....	20	0	7480	6020	4485	3670	2065	10	50	75
30	105	.....	20	720	5110	6000	4540	3370	1370	10	50	75
31	105	.....	20	.....	5130	.....	4300	3345	.....	10	.....	75
Mean	105	105	84	41	4240	5042	4752	3978	2740	1147	26	80
Max.	105	105	110	720	7480	6080	6000	4800	3400	1490	130	100
Min.	105	105	20	0	900	4010	4030	3345	1200	10	10	50
A. F.	6466	5831	5157	2450	260711	300034	292189	244615	163261	70543	1587	4919
Total	1,357,753 Acre Feet.											



**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1925**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	50	50	75	75	1020	2995	5250	5060	4290	50	50	50
2	60	50	75	75	1470	4495	5300	5030	4335	50	50	50
3	75	50	75	75	2790	4495	5320	5010	4310	50	50	50
4	75	50	75	75	3010	4495	5320	4990	4270	50	50	50
5	75	50	75	75	3970	4495	5320	4980	4300	50	50	180
6	75	50	75	75	4010	4495	5310	4980	4295	50	50	200
7	75	50	75	75	4000	4495	5970	5060	4270	50	50	200
8	75	50	75	75	4000	1710	6330	4980	4270	50	50	200
9	75	50	75	10	3060	10	6330	4980	4300	50	50	200
10	60	50	75	10	3010	1660	6330	5320	4280	50	50	200
11	50	50	75	10	3480	1890	6320	4340	4300	50	50	200
12	50	60	75	10	3490	4170	6290	5320	3890	50	50	200
13	50	75	75	10	3490	3610	6280	5290	3850	50	50	200
14	50	75	75	10	3490	3505	6309	5270	3800	50	50	200
15	50	75	75	10	3490	3505	6060	5270	3785	50	50	200
16	50	75	75	10	2650	3505	5990	5340	3785	50	50	200
17	50	85	85	10	2050	3505	5760	5320	3340	50	50	200
18	50	75	75	10	1050	3940	5710	4960	3360	50	50	200
19	50	75	75	10	1020	3995	5690	4840	3300	50	50	200
20	50	75	75	10	1030	4450	5670	4530	3200	50	50	200
21	50	75	75	10	1030	4510	5660	4140	3290	50	50	200
22	50	75	75	10	1030	4510	5600	3995	3080	50	50	200
23	50	75	75	10	1030	4910	5510	3980	3040	50	50	300
24	50	75	75	10	1760	4990	5510	3965	3010	50	50	300
25	50	75	75	10	2050	5230	5510	4025	2980	50	50	300
26	50	75	75	10	2050	5260	5490	4020	2240	50	50	300
27	50	75	75	790	2050	5270	5470	4000	2040	50	50	300
28	50	75	75	1120	2880	5250	5460	4260	170	50	50	300
29	50	---	75	1020	2995	5250	5500	4320	50	50	50	300
30	50	---	75	1020	2995	5250	5500	4300	50	50	50	300
31	50	---	75	-----	2995	-----	5500	4300	-----	50	-----	300
Mean	56	67	75	154	2520	4000	5720	4790	3300	50	50	209
Max.	75	75	75	1120	4010	5270	6330	5340	4335	50	50	300
Min.	50	50	75	10	1020	10	5300	3980	50	50	50	50
A. F.	3461	3739	4611	9184	155595	237920	352190	291881	197517	3074	2975	12853
Total 1,130,274 Acre Feet.												

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF PATHFINDER RESERVOIR, PATHFINDER, WYOMING—1926**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	300	50	50	50	1010	6060	5960	6020	5060	50	50	315
2	300	50	50	50	1010	6040	6060	6060	5060	50	50	315
3	300	50	50	50	1010	6060	6060	6040	5090	50	50	315
4	300	50	50	50	1010	6010	6060	6020	5170	50	50	315
5	300	50	50	50	1010	6020	6040	6040	4750	50	50	315
6	300	50	50	50	1010	5240	6040	6090	4490	50	50	300
7	300	50	50	50	1020	5030	6020	6090	4480	50	50	300
8	300	50	50	50	1010	5030	6020	5800	4530	50	50	300
9	300	50	50	20	1010	5070	6020	5710	4480	50	50	300
10	300	50	50	5	1010	5120	6100	5710	4110	50	50	300
11	300	50	50	5	1020	5220	6060	5700	4040	50	50	300
12	300	50	5	5	1020	5140	6060	5740	4030	50	50	300
13	300	50	5	5	1040	5100	6060	5600	4010	50	50	300
14	300	50	30	5	1000	5240	6060	5500	4000	50	50	420
15	300	50	50	5	1000	5120	6060	5550	3670	50	50	500
16	300	50	5	5	1590	5360	6040	5530	3530	50	50	500
17	200	50	5	5	2020	5170	6040	5510	3520	50	50	600
18	200	50	5	5	2070	5070	6010	5500	3500	50	250	500
19	200	50	5	5	2860	5190	6040	5510	3530	50	315	507
20	200	50	5	5	3020	5150	6040	5540	3520	50	315	500
21	200	50	40	5	3040	4840	6090	5520	3500	50	315	500
22	200	50	50	5	3040	5340	6070	5030	3180	50	315	500
23	200	50	50	5	3040	5340	6070	5030	3180	50	315	500
24	200	50	50	5	5030	5030	6060	5030	3050	50	315	500
25	200	50	50	5	5030	5020	6040	4980	3060	50	315	500
26	200	50	50	5	5030	5010	6020	4710	2450	50	315	500
27	200	50	50	5	5820	5040	6060	4510	2030	50	315	500
28	200	50	50	1340	6040	5170	6060	4530	2010	50	315	500
29	50	---	50	1020	6040	5120	6060	4510	640	50	315	500
30	50	---	50	1010	6040	5580	6040	4750	90	50	315	500
31	50	---	50	-----	6070	-----	6040	5000	-----	50	-----	500
Mean	237	50	39	129	2668	5290	6047	5440	2586	50	163	416
Max.	300	50	50	1340	6070	6060	6060	6090	5170	50	315	500
Min.	50	50	5	5	1010	4840	6010	4510	90	50	50	300
A. F.	14579	2777	2390	7696	164075	214781	371827	334855	213385	3074	9679	25577
Total 1,464,695 Acre Feet.												





GUERNSEY STORAGE RESERVOIR, GUERNSEY, WYOMING  
Daily Contents in Acre Feet—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13090	33420	35460	42600	36320	48860	52520	34015	24910	48470	71405	68750
2	13485	33965	35370	42780	40485	49050	53510	34015	25920	48280	71405	68865
3	13710	34100	35280	42780	45315	50020	54490	35195	28685	48185	71405	68405
4	13800	34180	35370	42875	45505	51029	56020	35970	31980	49240	71405	68185
5	13990	34600	35370	42970	44470	55250	55975	37050	34100	49240	71405	67505
6	14225	34940	35280	43250	44804	58776	54945	37980	35195	49830	71405	66930
7	14620	35370	35280	43340	43340	58666	53310	38120	34260	50420	71405	66820
8	15480	35545	35460	43435	41708	58201	50320	37945	33250	51900	71290	66820
9	16040	35715	35545	43160	40724	56973	48050	37010	32590	53010	71060	66820
10	16760	35630	35885	43160	39354	55376	44225	36750	32180	54125	70669	66820
11	17560	35800	36320	42875	37540	54188	40140	37010	31845	55355	70485	66820
12	18610	35970	36740	42875	35025	57960	36070	35680	31845	56910	70255	66820
13	19780	36230	37450	42600	31664	57495	31040	33335	31930	57960	70255	66930
14	21000	36320	37805	42600	27360	56290	25845	31360	31820	60310	69900	66820
15	22420	36320	38330	42600	24518	55560	24490	30000	32980	62270	69440	66776
16	23230	36140	38600	42505	22524	54945	23190	28995	33590	64250	69325	66820
17	23920	36230	38870	41860	21760	54535	22290	27405	34180	67620	69210	66710
18	24700	35970	39320	41400	25415	56080	22225	25845	35110	69785	68865	66595
19	25415	36055	39670	41120	32132	57960	22445	24270	36055	71060	68750	66030
20	25990	36140	39832	40940	39580	57225	23200	21960	37100	71060	68589	65810
21	26500	36055	40030	41030	45828	56805	23650	19720	38780	71750	67840	65360
22	27540	36140	40428	40760	46780	56700	24740	18610	40485	71520	67730	65140
23	27700	35970	40030	40210	46455	55050	25570	20035	42320	71635	67275	65030
24	28075	35885	40760	40120	47035	55870	26530	21000	43710	71865	67275	64854
25	28685	35885	42040	39320	47225	53210	28375	21370	44840	71405	67505	64616
26	29460	35800	43340	38600	47795	52100	28840	22055	48660	71635	67505	64470
27	30160	35800	44185	38870	51700	53310	30290	22065	51105	71635	68405	64404
28	30480	35630	42230	38155	49535	53010	31440	22550	50020	71405	68635	64666
29	31600	35630	40485	37540	44470	53500	32750	23025	48565	71405	68750	64404
30	32340	.....	40485	37050	48860	52500	33590	23620	48660	71405	68750	64404
31	32785	.....	41580	.....	49887	.....	33845	24145	.....	71405	.....	64426

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER INTO  
GUERNSEY RESERVOIR—GUERNSEY, WYOMING—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	360	712	256	834	2392	11563	5410	5156	5786	2484	350	350
2	464	662	297	641	4800	12896	5150	4860	5919	2504	450	338
3	420	463	330	600	5755	13739	5324	5235	5895	2312	470	138
4	335	406	345	588	5206	14958	4964	5101	6053	2302	400	268
5	398	458	328	658	4298	14965	4777	5119	6033	1800	550	57
6	410	516	290	761	3968	14419	4280	5093	5884	1968	500	101
7	481	557	350	665	3287	14085	4276	4721	5128	2138	475	360
8	647	424	456	648	2667	13416	4143	4712	5141	2275	432	390
9	572	434	408	501	2774	12282	4247	4703	4967	2059	396	315
10	678	283	598	640	2590	10845	3182	4744	5194	2132	358	345
11	732	445	569	377	2576	10000	2960	5056	5051	2020	393	350
12	826	361	617	510	2283	9850	3174	4880	5220	1964	379	310
13	840	444	818	346	1935	9735	2765	4738	4593	1820	573	430
14	857	390	529	485	1860	9273	2785	4705	4626	2484	451	420
15	927	345	625	430	2840	8982	4767	5090	4783	2168	368	378
16	790	251	460	497	3295	8790	4845	5233	4487	1997	457	377
17	725	395	476	375	3740	8544	5021	4980	4487	2130	482	320
18	634	234	502	508	5965	8098	5357	4983	4668	1392	276	382
19	655	358	466	729	7740	8128	5511	4856	4976	952	517	195
20	593	375	432	769	8300	6810	5780	4710	4927	832	469	339
21	549	312	490	865	8280	6528	5541	4620	5236	466	267	200
22	781	381	560	964	7305	6497	5610	5190	5140	264	505	314
23	349	249	170	922	7151	5898	5658	6258	5115	498	216	321
24	429	307	743	1045	7452	7064	5574	6036	5010	616	410	326
25	553	355	940	877	7096	5400	6030	5812	4760	188	461	170
26	627	209	975	1237	7487	5290	5454	5906	5675	496	350	257
27	587	326	1145	1786	8119	5760	5840	5759	4582	350	854	380
28	418	269	415	1740	10908	5249	5570	5794	2897	214	496	527
29	749	345	1080	2190	11863	5144	5560	5690	2566	340	338	272
30	653	.....	760	2383	12296	5620	5308	5804	2698	380	340	325
31	620	.....	820	.....	12718	.....	5128	5823	.....	280	.....	410
Mean	602	388	556	852	5772	9328	4839	5205	4916	1414	433	312
Max.	927	712	1145	2383	12718	14965	6030	6258	6035	2504	854	527
Min.	335	209	170	346	1860	5144	2765	4703	2566	188	216	57
A. F.	37010	22325	34195	50700	354940	555040	297505	320070	292545	86925	25750	19175
Total Acre Feet	2,036,180.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, OUTFLOW OF GUERNSEY RESERVOIR—GUERNSEY, WYOMING—1928**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	269	392	342	320	2760	12080	5400	5070	5400	2580	350	350
2	265	387	342	550	2700	12800	4650	4860	5410	2600	450	280
3	307	385	375	600	3320	13250	4830	4640	4600	2360	470	370
4	290	366	300	540	5110	14450	4200	4710	4400	1770	400	380
5	302	246	328	610	4820	12840	4800	4575	4940	1800	550	400
6	292	344	336	610	3800	12640	4800	4625	5300	1670	500	390
7	282	340	350	620	4025	14140	5100	4650	5600	1840	475	415
8	214	336	365	600	3490	13650	5650	4800	5650	1530	490	390
9	290	348	366	640	3270	12900	5390	5175	5300	1500	512	315
10	315	326	427	640	3280	11650	5110	4875	5400	1570	555	345
11	330	359	340	520	3490	10600	4990	4925	5220	1400	486	350
12	297	275	405	510	3550	7950	5200	5550	5220	1180	495	365
13	250	313	460	485	3630	10000	5300	5320	4550	1290	573	375
14	242	345	350	485	4010	9850	5400	5700	4500	1300	630	398
15	212	345	360	430	4285	9350	5450	5775	4380	1180	600	400
16	383	342	324	545	4300	9100	5500	5740	4190	1000	515	355
17	378	350	340	700	4125	8750	5475	5750	4190	430	540	375
18	242	365	275	740	4125	7320	5390	5800	4200	300	450	440
19	295	315	290	870	4350	7180	5400	5650	4500	310	575	480
20	303	332	350	860	4550	7180	5400	5875	4400	600	550	450
21	292	355	390	820	5150	6740	5315	5750	4390	350	645	427
22	257	338	360	1100	6825	6550	5060	5750	4280	380	560	425
23	268	335	370	1200	7315	6730	5240	5540	4190	440	445	376
24	240	350	375	1090	7160	6650	5090	5550	4310	500	410	415
25	246	355	290	1280	7000	6740	5100	5625	4190	420	345	340
26	236	252	320	1600	7200	5850	5220	5560	3750	380	350	380
27	234	326	720	1650	6150	5150	5110	5740	3350	350	400	413
28	257	355	1400	2100	12000	5400	4990	5560	3490	330	380	400
29	185	345	1860	2500	12400	5400	4900	5450	3300	340	280	400
30	280	.....	760	2630	12100	5620	4885	5500	2650	380	340	325
31	396	.....	270	.....	12200	.....	5000	5560	.....	280	.....	.....
Mean	279	339	460	928	5564	9284	5140	5363	4505	1044	477	384
Max.	396	392	1960	2630	12400	14450	5650	5920	5650	2600	645	480
Min.	185	246	270	320	2700	5150	4200	4575	2650	280	280	280
A. F.	17155	19480	28245	55230	342135	552425	316060	329755	268070	64185	28405	23650
Total	2,044,795 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER, PASSING WHALEN, WYOMING—1914**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	190	235	255	370	2481	2824	2625	3905	3350	3725	1338	130
2	190	210	304	370	2697	2723	2513	3233	3350	2790	1338	160
3	200	215	320	402	3064	2718	2380	3014	3415	3940	1338	160
4	200	215	320	469	3187	2665	2196	3002	3567	3245	1338	160
5	195	210	380	537	3087	2613	2196	3002	3600	2470	1338	130
6	200	160	340	593	2289	2606	2687	3002	3525	2320	1338	160
7	210	170	429	621	1939	2606	2791	2958	3460	2160	1250	185
8	210	170	429	798	2094	2408	2739	2910	3347	2160	960	185
9	205	175	459	956	2537	2550	2765	2910	3791	2126	850	130
10	205	175	495	956	1610	2603	2775	2970	3625	1825	790	180
11	210	185	503	924	1258	2603	2791	2910	3567	1670	705	160
12	215	175	470	829	1036	2613	2896	2895	3239	1670	730	100
13	220	185	537	708	2977	2665	3112	2906	3131	1670	535	100
14	222	185	503	566	3419	2718	2825	2906	3140	1715	535	100
15	225	185	537	544	3729	2718	3252	2906	3131	1695	535	100
16	223	195	565	679	3377	2718	3225	2780	3131	1695	435	115
17	210	195	503	924	3265	2737	3227	3560	3130	1675	370	110
18	212	205	469	1297	3153	2737	3227	3562	3040	1675	340	110
19	225	205	317	1510	3423	2750	3572	3618	3500	1620	340	100
20	230	205	402	1216	3729	2750	3576	3683	3570	1600	340	105
21	222	210	256	1097	3652	2793	3227	3731	3570	1606	402	65
22	220	225	339	1311	3607	2789	3014	3458	3790	1475	402	65
23	225	210	370	1784	3423	2290	3014	3348	3370	1500	402	60
24	220	230	402	2171	3310	2745	3014	3348	3575	1542	402	84
25	215	250	402	2171	3265	3111	3014	3458	3680	1550	402	84
26	225	270	503	1975	3043	3111	3014	3361	3670	1542	430	91
27	225	225	469	2072	2933	3130	3014	3413	3670	1387	402	90
28	212	240	402	2271	2933	3130	3014	3575	3670	800	402	90
29	213	.....	402	2171	2933	3130	2992	3400	3670	710	340	91
30	222	.....	402	2171	2933	3130	3014	3347	3670	710	277	94
31	218	.....	402	.....	2933	.....	3671	3347	.....	710	.....	94
Mean	214	204	416	1149	2880	2756	2940	3240	3471	1870	634	116
Max.	230	270	565	2271	3729	3130	3671	3905	3791	3940	1338	185
Min.	190	160	255	370	1036	2408	2196	2800	3040	710	277	60
A. F.	13248	11430	25772	68926	177158	164004	181236	199175	206558	114999	41038	7176
Total	1,210,710 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1915**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	93	97	195	626	1328	462	2390	3042	1042	2555	475	.....
2	95	97	201	571	2672	1319	2600	3410	919	1971	465	.....
3	95	96	231	362	2506	1986	3170	2381	977	1357	448	.....
4	96	102	231	498	1895	2673	3200	2381	1681	1102	448	.....
5	97	86	238	498	1895	4278	3225	2209	2442	957	440	.....
6	98	90	140	489	1635	4105	3335	2127	4540	890	448	.....
7	98	88	158	414	1635	5460	3255	1924	3365	835	455	.....
8	97	94	168	414	1472	6098	3225	1859	4179	798	425	.....
9	98	96	141	446	1394	4856	3225	2209	2027	683	418	.....
10	98	99	150	446	1394	4102	3117	1891	1833	650	408	.....
11	102	106	172	362	1394	3440	3149	1969	2027	640	430	.....
12	107	103	147	363	1355	2306	2897	1969	1702	605	425	.....
13	99	95	172	448	1261	2770	2757	1969	1859	585	385	.....
14	104	102	147	511	1191	2322	2858	2007	2412	565	370	.....
15	102	106	192	708	1127	2080	2618	1891	2412	560	385	.....
16	98	101	235	821	1320	2080	2517	1891	2008	580	365	.....
17	96	107	310	879	1515	1988	2407	1967	1908	600	350	.....
18	102	107	359	937	1899	1988	2489	2429	1842	800	410	.....
19	105	120	341	1090	2625	1555	2852	2207	1794	755	530	.....
20	107	120	245	1256	2888	2371	2680	2080	1388	765	445	.....
21	100	167	393	2548	3107	2323	2680	2122	1377	690	545	.....
22	99	189	385	2652	1821	2226	2407	2920	1281	665	470	.....
23	96	192	323	2986	1896	1922	2362	2477	1281	610	446	.....
24	103	210	367	3100	1720	4540	2362	2250	1269	580	390	.....
25	99	206	251	2829	1434	2620	2400	2294	1204	600	365	.....
26	99	205	209	2406	1188	1950	3310	2602	1726	562	451	.....
27	103	207	349	1807	1061	1756	3024	2080	4836	567	373	.....
28	99	196	355	1279	1124	1756	4252	2044	5790	520	382	.....
29	95	.....	350	1045	1041	1756	3407	1939	4163	505	150	.....
30	98	.....	428	1055	610	1756	2355	1684	3119	500	275	.....
31	94	.....	420	.....	520	.....	2199	1563	.....	497	.....	.....
Mean	99	128	259	1126	1610	2727	2860	2180	2220	818	412	.....
Max.	107	107	428	3100	3107	6098	4252	3410	4540	2555	475	.....
Min.	93	86	147	362	520	1319	2199	1563	919	497	150	.....
A. F.	6093	7109	15874	67033	99019	162315	175981	134454	132107	48712	24540	.....
Total	873,237 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1916**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	151	101	169	822	1319	3220	2978	2703	1627	1605	242	275
2	169	98	150	703	1332	2976	3020	2513	1160	1382	234	290
3	187	100	167	725	1239	3081	3020	2841	1062	1458	234	280
4	184	100	214	775	1104	2997	3104	2781	1270	1510	233	270
5	209	103	349	972	1774	2405	3063	2440	1601	1528	230	280
6	192	103	335	820	1708	2917	3330	2900	1554	1510	227	280
7	187	104	488	804	1612	2799	3329	3043	1280	1441	223	190
8	185	109	230	758	1574	2760	3339	3085	988	1355	184	190
9	191	109	229	673	1549	2661	3448	3190	890	1372	193	170
10	196	111	231	690	1458	2661	3448	2898	928	1305	165	180
11	204	124	390	658	1388	2661	3713	3064	917	1208	143	170
12	156	143	337	703	1481	2661	3803	2980	872	1208	148	180
13	126	162	288	959	1705	3446	4127	3148	862	1273	148	190
14	130	205	300	1365	2284	3556	3313	3064	715	1322	80	190
15	131	271	378	1412	2375	3512	3547	3106	1101	1208	93	180
16	121	285	444	1409	3121	4007	3580	2980	676	1113	93	180
17	104	325	490	1385	3165	3524	3613	2465	535	1020	124	190
18	108	397	462	1502	3189	3524	3580	2077	859	856	178	190
19	108	493	460	1568	3256	3556	3459	1962	987	708	277	200
20	110	491	378	1568	3155	3622	3404	1946	886	277	277	190
21	112	551	325	1554	3051	3556	3494	2011	831	0	277	180
22	106	602	430	1548	3568	3446	2980	1897	626	0	277	180
23	112	597	620	1510	4100	3426	2801	1897	665	0	302	170
24	122	756	690	1547	4066	2779	4614	1897	778	183	327	170
25	123	734	870	1585	4066	2396	4614	2089	626	265	405	170
26	124	668	884	1228	3819	2509	4513	2088	544	548	377	160
27	118	493	814	952	3729	2432	4249	2700	577	450	321	150
28	110	285	612	806	3665	2432	4249	2060	810	346	293	150
29	106	208	721	752	3512	2799	2738	1995	1065	340	247	150
30	99	.....	744	1178	3444	2978	3327	1897	1220	325	233	140
31	100	.....	853	.....	3270	.....	2962	1962	.....	280	.....	150
Mean	141	304	453	1098	2583	3043	3541	2522	950	884	226	195
Max.	209	602	884	1585	4100	3622	3803	3190	1627	1605	405	290
Min.	99	98	160	658	1104	2432	2962	1962	626	0	80	140
A. F.	8690	17510	27870	65310	158830	181090	217740	155070	56550	54340	13460	11970
Total	968,430 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1917**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	150	170	500	2108	1475	7532	13935	3147	3520	1563	661	402
2	150	180	500	1926	1493	7988	13759	3225	3541	3420	661	402
3	150	170	525	1476	1487	8279	13205	4045	3562	1874	593	402
4	150	160	550	828	1445	8944	12837	2861	3541	1544	548	402
5	169	160	550	794	1452	10551	12226	2825	3541	809	510	178
6	170	160	550	590	1643	10891	11692	2825	3541	603	456	180
7	170	160	575	355	1484	9170	10559	3186	3970	530	415	187
8	170	160	575	358	1445	9404	9826	3260	3882	681	340	160
9	170	170	575	550	1421	9729	9018	3970	4236	727	389	127
10	170	170	575	588	1384	9811	8388	3970	3774	660	456	122
11	180	175	575	564	1347	9811	7990	4014	3688	658	456	148
12	170	180	575	629	1445	9983	7689	3970	3688	590	556	187
13	180	180	575	787	1688	10568	7480	3005	2884	650	442	177
14	180	180	590	885	3014	11423	7246	2892	2789	496	442	179
15	170	190	60	880	3620	11969	7042	2767	2789	483	442	172
16	180	150	60	936	4330	12222	6699	2731	2807	1475	442	186
17	180	190	600	850	5137	12830	6671	2713	2807	1475	442	196
18	190	200	600	550	5368	13309	6589	2749	2860	1475	342	307
19	190	200	600	900	4860	13125	6671	2731	2860	1475	442	262
20	190	200	600	1107	5375	12581	6447	3166	2825	1475	428	277
21	180	220	609	1310	5754	13016	6198	3031	2958	1475	428	293
22	140	240	600	733	6498	12647	6116	2794	2996	1458	428	342
23	150	250	600	332	5760	14130	5741	2720	2469	1458	428	420
24	160	270	650	677	5240	14431	3979	2691	2104	1373	428	262
25	160	300	650	988	3962	14618	3739	2691	2104	994	428	231
26	170	350	750	1597	4899	14809	3363	2668	2194	828	414	316
27	170	400	800	2287	6433	14905	3347	2616	2232	753	402	278
28	180	450	850	2279	5907	15000	3443	2668	2168	661	402	194
29	190	.....	1040	2131	6285	15009	3344	2720	2356	593	402	143
30	190	.....	1575	1726	6668	14809	3464	3265	2040	533	402	185
31	190	.....	1550	.....	6513	.....	3264	3565	.....	571	.....	218
Mean	170	216	697	1066	3704	11826	7482	3080	3024	1045	454	239
Max.	190	450	1575	2287	6668	15000	13935	4045	4236	2420	661	422
Min.	140	160	500	322	1347	7532	3264	2616	2040	483	340	120
A. F.	10512	12049	42903	63432	227769	703716	460103	189386	178955	64305	27025	14747
Total	1,995,905 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1918**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	218	190	125	508	2410	4938	4929	3716	2307	1440	500	350
2	277	109	120	493	2427	5024	4869	3242	2294	1380	500	350
3	348	100	160	550	4055	4999	4642	3517	2294	1250	500	350
4	317	110	200	900	5159	4855	4588	3449	2315	1205	500	350
5	289	125	200	990	5809	5245	4026	2900	2421	1160	500	300
6	290	125	200	903	6301	5356	4995	3748	2404	1155	500	300
7	262	135	200	1006	6469	5191	4350	3490	2416	1060	500	300
8	230	140	225	1365	6867	4511	4261	3170	2440	1063	500	300
9	190	150	225	1210	6867	4815	3840	3483	2491	695	500	300
10	150	160	225	805	7015	1805	3798	3129	2491	355	450	300
11	150	160	320	406	7233	4569	4527	3148	2778	300	450	250
12	140	160	400	175	6796	4563	4925	3167	2778	300	400	250
13	130	170	400	255	6680	4484	4705	3245	2762	300	350	250
14	125	170	340	403	6480	4381	4505	3005	2800	300	350	250
15	125	170	350	630	6395	4108	3997	2855	3028	300	350	250
16	125	170	330	1315	6306	4018	4553	2890	3002	330	350	250
17	125	170	340	1902	6119	3887	4270	2846	2455	375	350	250
18	125	150	340	1643	5395	5237	4626	2830	2425	380	350	250
19	125	110	320	1500	5645	5059	4147	2795	2039	395	350	250
20	125	100	340	1300	5395	4881	4236	2705	1881	409	350	300
21	120	100	350	1027	5596	6855	4061	2967	2002	400	350	300
22	120	110	325	1049	3043	7412	4326	2728	2328	400	350	300
23	130	140	325	1084	2217	8856	4147	2967	1952	400	350	300
24	135	170	325	1959	4885	10006	4193	2762	2073	400	350	200
25	115	170	340	2060	4825	9004	3807	2746	2211	450	350	200
26	115	170	340	2281	5064	9004	4085	2778	2322	500	350	300
27	115	150	370	2545	5028	8668	4029	2762	2244	550	350	300
28	115	140	380	2810	5093	6985	3923	2722	1560	809	350	300
29	115	.....	270	2655	5093	7142	3796	2837	1380	725	350	209
30	115	.....	400	2572	5118	6910	3890	2091	1345	615	350	200
31	100	.....	480	.....	5207	.....	3967	1928	.....	500	.....	200
Mean	166	140	302	1278	5384	5859	4293	2988	2308	641	403	253
Max.	348	170	480	2810	7233	10006	4995	3748	3028	1440	500	350
Min.	100	100	120	175	2217	3887	3798	1928	1345	300	350	200
A. F.	10175	7785	18575	76030	330930	348635	263975	183710	137610	39440	24000	15570
Total	1,456,435 Acre Feet											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	200	250	200	175	895	2182	2938	2739	916	620	1011	80
2	200	225	200	175	805	3235	2378	2142	1270	460	540	80
3	200	280	200	175	1053	3234	2503	2197	1118	545	420	80
4	200	250	200	175	1002	3241	2320	2033	1016	515	400	80
5	200	280	200	175	1305	3226	2449	1972	949	816	350	80
6	200	340	200	250	1388	3370	2023	2079	987	741	340	80
7	200	340	200	275	1392	3525	2023	1908	900	580	265	80
8	200	340	200	275	1372	3524	2142	1935	670	585	215	80
9	200	370	200	275	1187	3647	2084	1950	600	520	40	80
10	200	340	200	300	920	3667	2132	1715	835	495	50	80
11	200	370	200	325	925	3581	2076	2076	685	500	50	80
12	200	370	200	195	1037	2828	1770	1955	996	435	50	65
13	200	315	200	195	941	2879	2051	1897	1333	425	50	65
14	200	240	200	195	597	2788	2098	1933	1045	999	65	55
15	200	340	200	195	569	2927	1833	1920	869	455	65	55
16	200	370	200	305	545	2840	1739	1865	896	495	165	55
17	200	340	200	295	545	3205	1625	1725	580	500	190	60
18	200	340	200	295	1898	3701	1585	1678	535	505	190	60
19	200	280	200	295	1559	4672	1658	1456	535	505	200	70
20	200	280	200	305	1686	4798	1575	1067	450	540	200	70
21	200	280	200	497	1686	3698	1565	1349	500	550	200	60
22	200	250	175	425	1840	3073	1641	1499	400	540	200	60
23	250	225	175	562	1605	3023	1562	1412	400	470	190	65
24	250	225	175	646	2517	2940	1525	1349	430	485	215	80
25	250	200	175	865	2756	2948	1734	1216	335	490	215	80
26	275	200	175	805	2773	2937	2020	1235	390	533	35	100
27	275	200	175	520	2927	2901	1995	1242	320	645	35	100
28	300	200	175	1055	2828	2919	1947	1362	390	605	40	110
29	300	-----	175	1153	2881	2458	1992	1355	390	815	75	150
30	300	-----	175	1061	2940	2415	1798	1098	395	1440	90	125
31	300	-----	175	-----	2792	-----	3913	1066	-----	925	-----	110
Mean	222	290	192	421	1586	3212	2022	1691	697	604	205	79
Max.	300	370	200	1153	2940	3667	3913	2739	1333	1440	1011	150
Min.	200	200	175	175	545	2182	1525	1066	320	425	35	55
A. F.	13686	16146	11802	25069	97560	191174	124234	103985	41491	37159	12201	4909
Total 679,516 Acre Feet.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	120	205	60	260	1875	5987	5741	2406	2350	1068	233	113
2	105	205	90	235	2412	6165	5384	2566	2216	1022	202	146
3	170	180	35	241	3296	5715	5031	2449	2151	1078	348	243
4	170	200	40	195	3623	5622	4835	2577	1946	1187	354	242
5	90	205	40	172	4205	5559	4720	2571	2137	1164	492	282
6	80	200	35	145	5195	5615	4298	2472	2464	1158	342	276
7	65	205	55	197	5843	6124	4157	2622	2332	1202	215	182
8	65	140	78	253	6710	6229	3776	2605	2253	1176	194	163
9	90	194	133	263	6619	6946	3400	2476	2437	1146	184	123
10	80	204	122	215	7011	6880	3450	2333	2015	1122	148	132
11	80	151	159	987	7134	6636	3594	2880	1838	1262	148	158
12	70	120	204	1365	8839	7447	3860	2657	1840	1197	90	152
13	70	76	410	1005	11195	8038	4211	2529	1867	1326	79	103
14	80	76	1297	741	9297	8461	4110	2568	1970	1304	83	133
15	85	94	1619	958	7720	7936	4451	2090	1664	1247	123	50
16	90	52	1246	876	6378	8617	3978	2273	1600	1190	235	103
17	90	69	1939	1382	5533	8933	4129	2377	870	1190	257	142
18	95	112	1759	1849	5067	10840	3905	2374	2036	772	349	142
19	110	101	1246	1733	5365	9183	3861	2319	1725	848	425	158
20	80	200	731	1250	5721	9172	3835	2244	1154	1105	486	174
21	100	180	425	932	5523	8449	3760	2434	769	1366	420	122
22	120	180	710	1049	4940	8422	3778	2551	759	892	396	83
23	105	105	431	1965	4034	8182	3805	2416	759	880	203	103
24	145	25	420	1516	3687	7742	3641	2314	615	847	220	116
25	130	40	939	1066	3162	7131	3630	2119	635	613	268	168
26	130	25	893	1141	2799	6803	3161	1787	652	550	192	130
27	100	30	1607	1064	2696	6394	2970	2246	750	430	223	140
28	110	45	700	798	2423	6739	3624	2682	891	368	192	148
29	170	20	370	1242	1899	6629	2713	2637	774	276	113	148
30	180	-----	260	1766	3441	7308	2368	2327	1057	231	133	184
31	180	-----	293	-----	5615	-----	2552	2432	-----	245	-----	268
Mean	108	125	592	895	5137	7330	5894	2427	1548	951	245	156
Max.	180	204	1939	1965	11195	10840	5741	2605	2464	1326	492	282
Min.	80	20	35	145	1875	5559	2552	1787	615	231	492	83
A. F.	6655	8220	36010	53280	315890	436180	239465	149225	92085	58480	14675	9585
Total 1,419,650 Acre Feet.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1921

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	200	267	414	302	2510	2604	4827	3523	1220	1756	533	125
2	209	287	373	311	2468	2228	4009	3633	1619	864	515	134
3	209	285	373	229	2080	7159	5873	3752	1626	581	508	100
4	209	247	373	287	1938	4806	4123	3743	1696	921	471	68
5	219	247	373	277	1938	6695	3626	3578	1290	926	420	100
6	173	215	373	358	1826	2049	3746	3427	1393	871	426	125
7	181	176	373	612	2210	9629	4069	3427	1626	914	408	177
8	182	176	373	512	2257	11390	3555	3471	1673	889	398	100
9	191	205	373	333	2575	11712	3903	2882	1719	940	391	205
10	173	367	373	340	2438	12056	3537	2477	1735	940	124	327
11	173	255	373	183	2333	12620	3707	2501	1194	920	154	183
12	155	254	348	260	2211	13094	3313	2455	1055	920	145	264
13	155	307	325	260	2096	13385	3391	2375	1027	950	141	295
14	146	802	325	158	1994	13887	3289	2113	1027	970	112	286
15	165	673	325	198	1900	13961	3512	2313	835	907	150	305
16	165	984	321	133	1900	14721	3408	3232	970	935	114	50
17	173	835	245	143	1883	17431	3558	2988	1153	940	136	50
18	164	424	335	1231	1909	15567	3426	1450	1000	990	50	47
19	167	312	315	2639	2040	15256	3453	2054	1041	990	50	65
20	191	410	314	2171	2082	15963	3935	2046	1076	940	50	50
21	199	298	377	1259	1969	16025	3824	2053	1182	750	50	75
22	199	240	373	1354	1810	14242	3324	2045	1310	841	50	90
23	295	432	373	2014	1773	12374	3304	2038	1437	310	90	94
24	280	470	373	1604	4946	10255	3600	2070	1487	190	120	94
25	292	710	373	2067	2724	8856	3418	2088	1490	225	148	94
26	273	691	368	2718	3048	7863	3644	1703	1475	380	256	138
27	250	691	391	2729	3092	6855	3512	1842	1507	327	257	111
28	285	537	344	2740	2544	6207	3357	1818	1540	331	143	145
29	285	.....	344	2601	2591	5666	3397	1592	1950	350	75	145
30	257	.....	425	2719	2496	5220	3365	1565	1920	280	75	155
31	257	.....	425	.....	2564	.....	3377	1708	.....	255	.....	155
Mean	209	421	360	1091	2327	10459	3685	2514	1375	752	213	140
Max.	295	984	425	2740	4946	17431	4827	3752	1950	1756	533	327
Min.	146	176	314	133	1773	2604	3288	1450	835	190	50	47
A. F.	12875	23390	22144	64944	143099	622374	226678	154621	81845	46227	13011	8632
Total	1,419,849 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	200	102	141	157	109	5374	3111	2460	1393	1165	275	120
2	200	102	142	149	109	5271	3217	2276	1353	1129	267	123
3	200	102	166	124	119	5018	3459	2632	1324	534	460	100
4	220	102	163	124	303	4878	3484	2311	1409	382	391	108
5	181	92	178	124	941	4039	2922	2449	1198	291	440	75
6	151	92	147	136	508	3612	3022	2445	1046	264	330	85
7	155	84	158	119	506	3179	3063	2001	1016	268	220	76
8	155	94	187	110	1997	3141	3029	2128	919	298	179	33
9	145	103	211	155	3172	2979	2920	1825	1062	380	175	51
10	155	408	247	164	3220	2854	2619	1879	1156	473	188	51
11	155	927	240	186	5277	2769	2705	2010	1040	473	200	95
12	196	504	287	239	4966	2405	2602	1808	1041	453	118	18
13	196	318	248	261	4556	2416	2503	1865	1770	483	70	58
14	167	227	342	227	5280	2189	2278	1780	1147	483	110	44
15	189	267	383	205	5589	2315	1934	1680	1113	508	119	35
16	170	258	427	187	5558	2842	1753	1840	1076	508	92	44
17	138	301	481	221	5884	2184	1924	1746	1053	476	98	54
18	111	231	417	275	6686	2953	2347	1735	252	1210	175	63
19	93	211	913	214	7110	3003	2181	1719	727	600	126	68
20	103	240	727	205	7460	3127	1675	1627	1314	510	114	102
21	103	240	611	205	7174	3127	1476	1710	1275	460	110	100
22	103	251	505	184	6657	2997	1941	1700	1286	505	81	115
23	103	171	370	208	6100	2804	1968	1812	1290	320	77	115
24	103	175	275	208	5503	2626	2649	1798	1287	299	86	137
25	103	211	301	126	4749	3295	2340	1827	1207	250	90	130
26	103	231	211	175	7335	3346	1825	1849	986	226	107	132
27	102	190	220	186	7073	3056	1762	1886	827	250	123	137
28	102	165	203	148	6801	3215	1839	1883	799	270	106	188
29	102	.....	207	116	6897	4867	2101	1838	829	300	110	273
30	102	.....	208	114	6890	3228	2465	1854	978	300	145	273
31	102	.....	172	.....	6293	.....	2726	1686	.....	275	.....	277
Mean	142	228	306	175	4542	3324	2449	1940	1105	463	172	105
Max.	220	927	913	275	7460	5374	3484	2632	1770	1210	460	277
Min.	93	84	141	110	109	2189	1476	1680	252	226	70	18
A. F.	8743	12692	18819	10417	279280	197832	150607	119305	65797	28449	10258	6466
Total	908,665 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	303	155	318	483	1662	1176	3231	3595	1282	5885	408	347
2	176	115	363	474	1649	614	3278	4072	1376	3259	239	219
3	250	40	365	442	1502	403	2647	3553	1490	2179	422	290
4	211	85	290	456	1515	265	2329	3341	1791	1100	619	347
5	163	147	138	356	1453	2835	1925	3002	1797	777	691	270
6	150	133	230	347	1184	3583	1680	2554	1770	801	639	248
7	194	123	300	297	1372	4278	1307	4076	1735	900	560	414
8	283	122	353	409	1532	4313	1995	2822	1716	834	545	236
9	201	125	170	366	1611	4492	2537	2747	1636	1480	518	174
10	237	124	281	323	1356	4979	4123	2616	1657	1037	520	53
11	200	122	398	296	1488	5621	3525	1797	1350	894	534	51
12	207	125	380	313	1450	3974	3382	1608	1063	845	547	89
13	212	110	223	282	1582	3534	3170	1545	1810	815	547	140
14	187	95	252	221	1405	3817	3160	1601	1823	777	590	176
15	192	117	157	209	925	3604	2410	2864	2013	763	585	242
16	170	129	242	189	1105	3294	3529	2008	1955	689	620	293
17	188	138	110	189	1041	3116	3489	1788	1818	667	568	325
18	190	135	55	172	904	2893	3340	2149	2291	687	551	349
19	140	150	170	172	954	2745	3345	1741	2536	545	534	368
20	157	150	281	283	864	2360	3253	1735	2391	551	528	342
21	189	176	197	430	971	2437	3543	1735	2313	517	513	346
22	180	180	202	735	1321	3346	3503	1800	2036	507	495	360
23	195	195	260	1002	5010	3009	3251	1798	2143	534	495	354
24	160	222	180	1239	5114	2947	3592	1061	2024	709	517	338
25	180	230	233	1210	4349	2380	3764	1664	1752	623	499	334
26	182	237	335	1066	3889	3514	5079	1637	1460	534	441	337
27	173	170	285	634	3421	3756	4166	1539	1417	570	402	341
28	146	253	245	875	2916	3648	5624	1377	3882	560	402	297
29	180	.....	287	1253	2162	3564	4225	1165	13071	582	402	335
30	85	.....	400	1349	1810	3345	3833	1225	10890	561	376	225
31	164	.....	400	.....	1293	.....	3613	1235	.....	515	.....	152
Mean	188	146	261	237	1896	3128	3391	2196	2572	1024	510	270
Max.	303	237	400	1349	5114	5621	5764	4076	13071	5885	620	414
Min.	85	40	55	172	864	264	1307	1165	1282	515	239	51
A. F.	11597	5138	16086	31998	116632	186133	208561	135076	133063	62972	30361	16645
Total 977,242 Acre Feet.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1924

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	140	360	517	962	6605	3914	3423	2292	1877	210	640	393
2	160	368	564	704	6865	3956	3285	2292	1854	162	661	403
3	144	345	523	1122	7981	3788	3015	2292	1879	156	642	415
4	140	383	473	1570	8430	3707	2862	2243	1899	156	604	401
5	163	357	292	2159	8576	3668	2748	2292	1899	96	585	372
6	217	338	447	4736	8538	3504	2574	2180	1721	156	585	359
7	223	356	388	4295	8324	3424	2929	2060	1472	200	604	386
8	237	360	296	4127	7827	3390	2958	2013	1809	260	576	347
9	246	349	303	5138	7808	3328	2908	1966	1809	2351	518	195
10	240	361	417	4714	7589	3246	2943	2038	2025	1803	455	184
11	240	402	371	3511	6841	3008	3024	2048	2406	1090	433	205
12	244	433	422	3130	6717	1853	2961	2159	2348	1006	470	278
13	244	462	402	3139	3840	351	2985	2089	2535	838	469	324
14	224	568	381	3218	2185	2591	2955	2058	1323	672	426	454
15	227	720	293	5444	6860	2632	2901	2058	1260	525	360	438
16	238	691	216	8012	7461	2451	2848	2081	1260	1557	364	371
17	218	625	248	8126	6739	2425	2796	2058	1196	1163	386	283
18	225	668	277	5943	5340	2177	2943	1834	1196	953	346	247
19	233	795	323	5553	5351	2056	2943	1854	979	857	545	297
20	211	638	191	7057	5117	2292	2848	1854	708	826	568	202
21	193	670	431	7593	4748	2230	2743	1809	487	944	515	378
22	199	800	278	7593	4289	2081	2631	1809	636	1663	430	299
23	221	440	251	7820	4205	1891	2631	1854	660	1809	451	261
24	238	350	335	8027	4402	1883	2471	1809	594	1549	457	234
25	246	458	367	8586	4302	1869	2471	1877	540	1333	459	239
26	246	546	322	8518	3863	2101	2471	1899	444	1204	546	234
27	228	520	358	5299	3821	2308	2471	1943	578	1096	520	229
28	244	443	1039	5060	3801	2271	2389	1898	384	982	494	229
29	285	508	2254	7297	3638	2429	2341	1877	180	907	500	215
30	311	.....	1282	7879	2568	3607	2340	1854	228	790	459	222
31	318	.....	1090	.....	2800	.....	2292	1876	.....	640	.....	216
Mean	227	494	495	5238	5723	2684	2772	2138	1273	901	502	299
Max.	318	800	2254	8586	8576	3956	3423	2292	2535	2351	642	454
Min.	140	338	191	704	2568	351	2292	1809	180	96	346	205
A. F.	13769	28431	30449	311671	351934	159733	170501	131438	75738	55446	29887	18437
Total 1,377,434 Acre Feet.												



**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1925**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	195	326	534	82	43	1313	1756	2625	1422	1104	150	96
2	202	445	497	293	46	1319	1680	2521	1370	588	222	78
3	202	586	431	92	46	1319	1985	2346	1387	546	462	84
4	202	579	316	327	46	1890	1860	2125	1462	480	354	36
5	214	433	306	857	48	2101	2275	2025	1419	438	252	66
6	253	357	308	857	746	2000	2029	1990	1475	408	174	0
7	247	644	349	819	1212	2797	2025	1895	1560	336	162	0
8	239	758	392	833	1425	3880	2025	1705	1692	312	162	108
9	239	1063	370	627	1540	3350	2705	1620	1635	288	150	180
10	231	906	412	456	1545	2441	2738	1705	1682	282	132	150
11	230	663	467	370	622	594	2670	1701	1770	300	156	162
12	231	729	504	250	536	348	2786	1820	1701	306	144	192
13	224	515	498	230	878	523	2775	2060	1785	264	144	108
14	255	501	469	264	836	1666	2655	2237	1422	234	132	0
15	247	497	500	236	948	1630	2526	2007	1592	222	84	0
16	247	480	506	175	4009	4126	2441	2075	1492	210	72	0
17	247	534	549	93	8006	1687	2140	2125	1485	198	96	0
18	247	556	499	50	4701	1214	2195	2150	1587	210	84	42
19	290	556	521	46	3254	1250	2095	2140	1295	204	96	54
20	264	573	503	46	2285	1325	2035	1970	1332	192	48	18
21	255	595	491	46	1568	1268	2181	1920	1300	198	66	78
22	311	597	439	46	1098	1482	2358	1635	1427	192	48	204
23	272	642	396	43	723	1516	4741	1380	1785	162	96	222
24	280	610	401	42	341	1654	2215	1262	1395	102	18	228
25	291	562	407	41	293	1794	2085	1140	1240	126	48	228
26	292	576	451	40	460	1775	2250	1160	1165	128	162	216
27	292	534	470	40	831	1925	2233	1183	1122	132	96	306
28	284	519	420	41	899	1955	2183	1122	893	0	60	342
29	292	.....	283	41	1320	1875	2285	1085	852	0	60	348
30	300	.....	112	42	1487	1785	2565	1267	1992	24	78	186
31	304	.....	40	.....	1391	.....	2582	1343	.....	36	.....	42
Mean	254	587	414	248	1394	1793	2357	1781	1458	266	134	122
Max.	311	1063	534	857	1568	3880	4741	2625	1992	1104	462	348
Min.	195	326	40	40	43	348	1680	1085	852	0	60	0
A. F.	15627	32600	25470	14745	85732	106716	144942	109566	86740	16328	7950	7486
Total	653,902 Acre Feet.											

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1926**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	168	126	60	1089	5394	1947	2560	939	2460	290	554
2	60	168	252	60	1557	3906	2180	2379	1077	1482	248	536
3	132	162	240	60	1797	3665	4251	2180	1121	912	212	530
4	102	138	366	60	1980	3649	2974	2175	1483	714	206	578
5	108	132	342	60	1407	3530	4586	2148	1974	636	200	619
6	150	126	180	60	1467	3310	4021	1948	2348	413	259	548
7	204	150	114	60	1581	3087	3693	1922	1649	336	300	548
8	252	222	192	60	1539	2608	3918	2086	1749	240	188	560
9	264	306	282	60	1389	2237	4638	2112	1889	240	182	476
10	252	354	228	60	1173	2461	5630	2258	1935	144	182	344
11	288	360	228	60	1095	1991	5402	2584	1905	72	182	637
12	330	282	258	60	1005	1945	4064	2742	1432	72	188	260
13	360	360	295	84	1125	2321	3727	2792	1437	98	259	32
14	372	246	336	120	987	2165	3215	2509	1577	68	305	15
15	354	246	276	96	825	2528	3183	2449	1569	50	218	15
16	312	250	306	252	555	3763	3201	2326	1569	103	224	15
17	324	264	336	1872	381	3818	3064	2374	1292	100	170	15
18	330	192	420	2544	279	4956	2890	2359	1202	60	104	15
19	354	102	330	3063	957	3861	2467	2158	1258	50	50	39
20	330	252	350	3198	1089	3246	2428	1937	1256	175	67	81
21	330	228	375	3354	1443	3195	2395	2019	1093	168	69	135
22	294	204	400	2990	1878	3126	2404	2067	933	168	81	219
23	257	315	293	2762	1620	2878	2302	2013	930	192	183	357
24	185	144	120	2420	1338	3126	2428	1721	650	300	603	447
25	182	114	60	2152	2768	2914	2380	1651	822	210	1011	381
26	121	48	60	1435	2642	2796	2434	1622	1086	216	675	399
27	145	114	60	855	2752	2524	2877	1467	1146	204	697	545
28	138	126	60	603	2922	1740	2506	1081	936	268	725	243
29	162	.....	60	627	6218	1330	2581	852	624	301	566	249
30	168	.....	60	489	6408	1196	2629	808	1821	362	560	327
31	168	.....	60	.....	5669	.....	2668	862	.....	400	.....	357
Mean	227	206	228	988	1900	2972	3190	2005	1356	362	307	319
Max.	372	360	400	3359	6408	5394	4586	2792	2348	2480	1011	637
Min.	0	48	60	60	279	1196	1947	808	624	60	50	15
A. F.	13940	11467	14013	58783	116798	176860	196134	123292	80687	22223	18256	19589
Total	852,042 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1927

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	393	501	135	350	2529	1465	2436	3214	1118	169	303	400
2	447	465	150	400	2293	1723	3119	3535	1064	170	325	360
3	519	381	75	400	2149	1645	3233	4254	1190	149	300	300
4	567	327	25	266	2115	1375	3265	4426	1454	133	350	350
5	675	579	25	247	1690	1291	3136	3849	950	731	500	175
6	663	417	25	325	1465	1495	3658	3334	1057	651	500	152
7	687	411	25	175	1201	1405	2244	2640	1151	1352	350	181
8	681	363	525	181	1823	1267	2088	2389	1213	1531	500	235
9	717	303	540	188	1962	859	2170	2321	1176	1100	400	270
10	699	243	540	535	1969	1075	1215	2537	1388	755	350	217
11	651	225	540	730	1633	2471	1874	2651	1470	450	300	79
12	621	327	500	752	2386	2025	1899	2563	1614	250	300	139
13	597	183	500	830	2479	2328	1919	2623	1520	150	275	233
14	585	147	450	814	3783	1697	1885	2662	1407	250	350	181
15	555	237	450	726	3977	2214	1923	3338	1742	265	400	247
16	417	285	400	714	4166	3351	2058	3963	1796	2618	400	331
17	387	279	400	589	4376	4108	2118	3290	1754	4138	425	187
18	441	253	400	667	4376	3591	2130	1519	1352	826	450	109
19	525	507	450	787	4180	3895	2172	1224	944	500	425	205
20	549	429	400	1020	3674	4564	2100	606	392	300	1400	307
21	399	417	300	817	3360	5778	2088	552	110	250	600	349
22	297	351	350	643	3053	5143	2132	375	145	250	500	331
23	225	315	400	583	2926	5769	2507	509	157	300	500	343
24	159	369	450	571	1450	5194	2578	710	523	250	450	217
25	135	249	450	637	957	4446	2449	1166	469	300	300	38
26	201	363	400	493	501	4018	2434	1010	1135	300	500	67
27	351	273	400	745	309	3304	2394	1172	2447	265	550	145
28	507	0	350	1495	85	2964	2553	1124	2085	300	500	223
29	573	.....	350	2167	85	3646	2709	1028	3450	300	400	145
30	573	.....	350	2391	103	2327	2836	1148	1719	385	500	67
31	513	.....	350	.....	427	.....	2997	1118	.....	300	.....	25
Mean	494	329	345	708	2164	2881	2365	2153	1300	632	467	216
Max.	687	507	510	2391	4376	5778	3265	4426	3450	4138	1400	400
Min.	135	0	25	175	85	859	1215	375	110	133	200	25
A. F.	30365	18246	21134	42145	133057	171440	145410	132379	77341	38853	27769	13266
Total	851,405 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER,  
PASSING WHALEN, WYOMING—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	121	397	324	167	1121	9046	3417	3417	1886	290	300	364
2	49	457	315	303	1115	9778	2694	2107	1838	380	340	284
3	127	283	352	423	1733	10008	2325	1661	3166	495	385	360
4	115	283	280	417	3264	11041	371	1883	2441	360	250	410
5	211	265	240	454	3299	12428	1269	1667	1771	505	320	394
6	145	220	290	556	1829	10821	1509	1715	1801	485	400	361
7	135	280	300	596	2154	11763	1723	1865	1874	600	320	405
8	73	250	320	592	1568	11420	2444	1787	2144	230	360	400
9	253	250	300	800	959	10775	1869	1851	1688	150	350	300
10	295	300	330	670	1152	9323	2086	1341	1876	345	380	376
11	265	275	290	691	1405	8488	1919	991	1732	200	330	394
12	229	260	330	642	1519	5781	2099	1668	1831	135	370	380
13	145	250	356	495	1706	8443	2153	2358	1585	255	385	384
14	115	260	348	544	2245	8182	1937	2002	1687	150	400	400
15	73	300	345	189	2804	7527	2237	2146	1507	145	419	386
16	350	312	330	65	2645	7838	2090	2186	1507	275	460	364
17	285	237	250	232	2490	7639	2153	2138	1561	350	434	397
18	145	405	220	121	2340	6121	2193	2055	1339	337	290	400
19	91	200	225	205	2487	5563	2006	1941	1465	312	370	416
20	163	270	220	81	2692	6140	1926	2253	1225	340	420	398
21	97	300	180	100	3039	5666	2269	2235	1134	300	460	380
22	25	290	200	320	5593	5442	1802	2223	1048	350	480	418
23	25	320	110	275	6387	5332	1886	2004	1066	360	440	360
24	67	315	235	100	6121	5440	1892	2084	1150	400	300	426
25	25	300	180	180	6259	4901	2023	2244	971	490	240	515
26	55	225	200	120	6327	3750	2117	2085	735	425	180	400
27	67	275	800	125	3160	3837	1895	2136	561	342	260	422
28	55	320	695	580	6848	4172	2093	2151	790	295	320	397
29	25	290	2268	960	8037	3905	3609	2031	800	290	340	406
30	175	.....	1861	1115	7520	3741	3294	953	180	385	310	378
31	373	.....	150	.....	7887	.....	3340	2013	.....	272	.....	402
Mean	141	289	417	404	3474	7479	2149	1974	1478	331	353	386
Max.	373	405	2268	1115	8037	12428	3609	3417	3166	505	480	426
Min.	25	200	150	65	959	3741	371	953	180	135	180	284
A. F.	8675	16639	25634	24055	213632	445083	132180	121372	87986	20326	21050	23756
Total	1,140,388 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT TORRINGTON, WYOMING—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	700	800	850	1300	1500	11000	4400	3800	2250	1150	750	600
2	700	900	850	1300	1500	12300	4100	2650	2250	1150	700	600
3	700	900	850	1750	1600	12600	2800	2300	3350	1150	680	600
4	700	900	850	1900	2800	13000	2500	2250	3350	1200	700	575
5	700	900	800	1750	5000	13900	1900	2250	2150	1050	700	575
6	700	800	850	1600	2600	11700	2200	2150	2150	1350	750	575
7	700	900	900	1600	2800	13700	2000	2050	2150	1000	750	575
8	700	900	900	1600	2250	13700	2650	2200	2500	1200	700	575
9	700	900	900	1600	1850	13300	2300	2150	2300	950	700	575
10	700	900	800	1600	1650	12400	2200	2300	2300	950	800	525
11	700	900	900	1350	1850	11700	2150	1500	1950	950	800	525
12	700	900	800	1250	1800	10900	2150	1850	2100	800	700	525
13	700	800	850	1250	2150	10800	2250	2300	2025	800	750	525
14	700	850	900	1150	2150	10000	2250	2500	1950	800	800	525
15	700	900	800	1050	3200	9500	2250	2450	2150	800	800	525
16	700	850	800	900	3400	9400	2250	2750	2100	800	800	525
17	700	850	800	1000	3350	9000	2400	2450	2100	850	750	525
18	700	850	700	900	3150	8800	2600	2400	1900	1000	750	525
19	700	900	700	900	3650	6000	2750	2050	1900	850	680	525
20	700	750	700	900	4300	7600	2550	2750	1750	950	750	525
21	700	800	700	700	4600	7300	2750	2750	1900	1000	750	525
22	700	900	800	750	5600	7100	2400	2450	1900	975	800	525
23	700	850	700	800	7900	7000	2450	2450	1700	950	800	525
24	700	800	800	900	7800	7300	2450	2450	1900	1025	750	525
25	700	800	1600	800	7800	7000	2750	2450	1900	950	680	525
26	700	900	1600	800	7900	7800	2800	2450	1500	950	600	525
27	700	850	2000	800	8100	5200	2600	2400	1500	950	600	525
28	700	850	2350	800	6600	5200	2600	2550	1700	900	700	525
29	700	900	3400	1230	10100	5000	4250	2400	1750	900	680	525
30	700	.....	3000	1450	10400	4600	3600	2300	1300	900	600	525
31	700	.....	1500	.....	10600	.....	4400	2300	.....	950	.....	525
Mean	700	862	1127	1189	4510	9493	2700	2388	2057	974	725	541
Max.	700	900	3400	1900	10600	13900	4400	3800	3350	1350	800	600
Min.	700	800	700	700	1500	4600	1900	1850	1300	800	600	525
A. F.	†43041	49587	69323	70771	277789	545065	166018	146878	122433	59901	43150	33222

Total 1,627,208 Acre Feet.  
 †Estimated on account of ice.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT HENRY, NEBRASKA—1914

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	2640	2980	2640	3810	2640	*	*	*
2	.....	.....	.....	.....	2630	2760	2650	3390	3010	.....	.....	.....
3	.....	.....	.....	.....	3460	2520	2440	2970	3170	.....	.....	.....
4	.....	.....	.....	.....	4280	2640	2420	3000	3180	.....	.....	.....
5	.....	.....	.....	.....	4100	3250	2400	3030	3150	.....	.....	.....
6	.....	.....	.....	.....	3720	3500	2380	2790	3080	.....	.....	.....
7	.....	.....	.....	.....	3820	3680	2460	2990	3020	.....	.....	.....
8	.....	.....	.....	.....	2770	3850	2460	2970	3080	.....	.....	.....
9	.....	.....	.....	.....	2750	4070	2410	2940	3160	.....	.....	.....
10	.....	.....	.....	.....	3080	4260	2320	2690	3220	.....	.....	.....
11	.....	.....	.....	.....	3400	4250	2300	2620	3330	.....	.....	.....
12	.....	.....	.....	.....	2020	4110	2550	2640	3440	.....	.....	.....
13	.....	.....	.....	.....	1720	3720	2800	2680	3440	.....	.....	.....
14	.....	.....	.....	.....	3700	3630	2720	2710	3440	.....	.....	.....
15	.....	.....	.....	.....	3960	3540	2780	2720	3090	.....	.....	.....
16	.....	.....	.....	.....	3530	2990	2780	2590	3060	.....	.....	.....
17	.....	.....	.....	.....	3360	2860	2710	2620	2940	.....	.....	.....
18	.....	.....	.....	.....	3190	*	2630	3020	2860	.....	.....	.....
19	.....	.....	.....	.....	3300	.....	2760	3100	3170	.....	.....	.....
20	.....	.....	.....	.....	1750	3330	.....	2900	3180	2980	.....	.....
21	.....	.....	.....	.....	1720	3830	.....	3030	3300	2800	.....	.....
22	.....	.....	.....	.....	1810	3960	.....	2880	3340	2920	.....	.....
23	.....	.....	.....	.....	1940	3840	.....	2860	3090	2860	.....	.....
24	.....	.....	.....	.....	2060	3620	.....	2800	2840	2850	.....	.....
25	.....	.....	.....	.....	2070	3410	.....	2780	2980	2950	.....	.....
26	.....	.....	.....	.....	2190	3410	.....	2800	3010	2860	.....	.....
27	.....	.....	.....	.....	2310	3160	.....	2820	3030	2860	.....	.....
28	.....	.....	.....	.....	2370	3170	.....	2600	3040	2860	.....	.....
29	.....	.....	.....	.....	2160	2920	.....	2680	2910	2860	.....	.....
30	.....	.....	.....	.....	2400	3020	.....	2680	2960	2860	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	2640	3010	.....	.....	.....
Mean	.....	.....	.....	.....	2070	3290	2360	2650	2970	3040	.....	.....
Max.	.....	.....	.....	.....	2400	4280	4260	3030	3810	3440	.....	.....
Min.	.....	.....	.....	.....	1720	1720	2520	2300	2590	2640	.....	.....
A. F.	.....	.....	.....	.....	45200	202000	128850	163000	183000	181000	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT HENRY, NEBRASKA—1915

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	1400	858	1610	3540	1580	*	*	*
2	.....	.....	.....	.....	2080	668	1880	4280	1300	.....	.....	.....
3	.....	.....	.....	.....	2880	2010	2230	3280	1150	.....	.....	.....
4	.....	.....	.....	.....	2290	1750	2670	2780	1420	.....	.....	.....
5	.....	.....	.....	.....	2200	3330	2780	2460	1640	.....	.....	.....
6	.....	.....	.....	.....	2100	4440	2890	2370	5150	.....	.....	.....
7	.....	.....	.....	.....	1770	4390	3040	2440	4580	.....	.....	.....
8	.....	.....	.....	.....	1740	5340	2920	2280	3440	.....	.....	.....
9	.....	.....	.....	.....	1600	5650	3080	2110	2680	.....	.....	.....
10	.....	.....	.....	.....	1540	4730	3000	2390	2530	.....	.....	.....
11	.....	.....	.....	.....	1530	3750	2980	2150	2240	.....	.....	.....
12	.....	.....	.....	.....	1380	3080	2960	2050	2170	.....	.....	.....
13	.....	.....	.....	486	1370	2850	2630	2000	2240	.....	.....	.....
14	.....	.....	.....	568	1120	2490	2610	2240	2460	.....	.....	.....
15	.....	.....	.....	712	1140	2390	2470	2200	2530	.....	.....	.....
16	.....	.....	.....	779	1310	2340	2510	2150	2760	.....	.....	.....
17	.....	.....	.....	711	1400	1850	2500	2150	2240	.....	.....	.....
18	.....	.....	.....	823	1630	1860	2520	2660	1930	.....	.....	.....
19	.....	.....	.....	949	2160	1820	2540	2660	1830	.....	.....	.....
20	.....	.....	.....	1020	2340	2050	2260	2400	1640	.....	.....	.....
21	.....	.....	.....	1380	2660	2220	2580	2360	1520	.....	.....	.....
22	.....	.....	.....	1880	2600	2090	2330	2640	1350	.....	.....	.....
23	.....	.....	.....	2260	1990	2050	2040	2930	1240	.....	.....	.....
24	.....	.....	.....	2500	1960	4120	2050	2890	1240	.....	.....	.....
25	.....	.....	.....	2780	1750	3630	2360	2970	1300	.....	.....	.....
26	.....	.....	.....	2500	1400	2470	3830	2900	1520	.....	.....	.....
27	.....	.....	.....	2260	1340	1930	4480	2850	4040	.....	.....	.....
28	.....	.....	.....	1680	1090	2000	4730	2380	4690	.....	.....	.....
29	.....	.....	.....	1310	1220	1750	4420	2130	4260	.....	.....	.....
30	.....	.....	.....	1310	1040	1690	3170	1880	3260	.....	.....	.....
31	.....	.....	.....	.....	909	.....	2800	1790	.....	.....	.....	.....
Mean	.....	.....	.....	1440	1710	2760	2800	2530	2400	.....	.....	.....
Max.	.....	.....	.....	2780	2880	5840	4730	4280	5150	.....	.....	.....
Min.	.....	.....	.....	486	909	668	1610	1790	1150	.....	.....	.....
A. F.	.....	.....	.....	51400	105000	164000	172000	156000	143000	.....	.....	.....
*No Record.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT HENRY, NEBRASKA—1916

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	1196	1089	3271	1308	2907	*	*	*	*
2	.....	.....	.....	1174	1222	3044	1307	2617	.....	.....	.....	.....
3	.....	.....	.....	1174	1292	3206	2537	2631	.....	.....	.....	.....
4	.....	.....	.....	1179	1292	2950	.....	2914	.....	.....	.....	.....
5	.....	.....	.....	1179	1252	2914	2564	3153	.....	.....	.....	.....
6	.....	.....	.....	1179	1212	2897	2630	3080	.....	.....	.....	.....
7	.....	.....	.....	1179	1240	2889	2932	3188	.....	.....	.....	.....
8	.....	.....	.....	1200	1185	2825	2863	3356	.....	.....	.....	.....
9	.....	.....	.....	1179	1130	2801	2803	3232	.....	.....	.....	.....
10	.....	.....	.....	1147	1078	2714	3026	3243	.....	.....	.....	.....
11	.....	.....	.....	1135	1011	2591	3095	3130	.....	.....	.....	.....
12	.....	.....	.....	1092	887	3588	3382	3161	.....	.....	.....	.....
13	.....	.....	.....	1122	969	4213	4203	3396	.....	.....	.....	.....
14	.....	.....	.....	1221	1172	4331	3167	3191	.....	.....	.....	.....
15	.....	.....	.....	1175	1683	4093	4400	3494	.....	.....	.....	.....
16	.....	.....	.....	1373	3835	3963	3769	3230	.....	.....	.....	.....
17	.....	.....	.....	1403	2500	3451	3138	3041	.....	.....	.....	.....
18	.....	.....	.....	1368	2662	4095	3341	2294	.....	.....	.....	.....
19	.....	.....	.....	1482	2825	4037	3114	2003	.....	.....	.....	.....
20	.....	.....	.....	1530	3161	4206	3114	2059	.....	.....	.....	.....
21	.....	.....	.....	1567	3617	4405	2922	1884	.....	.....	.....	.....
22	.....	.....	.....	1526	3663	3692	2722	1966	.....	.....	.....	.....
23	.....	.....	.....	1526	4248	3369	2537	1967	.....	.....	.....	.....
24	.....	.....	.....	1501	4496	3746	3020	1716	.....	.....	.....	.....
25	.....	.....	.....	1482	4600	2529	4277	1823	.....	.....	.....	.....
26	.....	.....	.....	1522	4302	2245	4536	2027	.....	.....	.....	.....
27	.....	.....	.....	1231	4118	2245	4500	2788	.....	.....	.....	.....
28	.....	.....	.....	1324	3147	2185	4447	2069	.....	.....	.....	.....
29	.....	.....	.....	1090	3716	2119	4538	1839	.....	.....	.....	.....
30	.....	.....	.....	1085	3654	2524	3497	1938	.....	.....	.....	.....
31	.....	.....	.....	.....	3452	.....	.....	2891	1865	.....	.....	.....
Mean	.....	.....	.....	1285	2444	3235	3220	2620	.....	.....	.....	.....
Max.	.....	.....	.....	1567	4600	4405	4560	3494	.....	.....	.....	.....
Min.	.....	.....	.....	1085	887	2119	1307	1716	.....	.....	.....	.....
A. F.	.....	.....	.....	77100	151500	194100	199600	162500	.....	.....	.....	.....
*No Record.												



DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT HENRY, NEBRASKA—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	4320	5840	3470	1290	1470	*	*
2	.....	.....	.....	.....	.....	3640	4780	3370	1455	1450	.....	.....
3	.....	.....	.....	.....	.....	4830	4060	3040	1480	1450	.....	.....
4	.....	.....	.....	.....	.....	4450	3910	2990	1610	1450	.....	.....
5	.....	.....	.....	.....	.....	4760	3110	3140	1610	1400	.....	.....
6	.....	.....	.....	.....	.....	4860	3710	2940	1610	1350	.....	.....
7	.....	.....	.....	.....	.....	5010	3510	3200	1760	1350	.....	.....
8	.....	.....	.....	.....	.....	4360	3500	3410	1805	1175	.....	.....
9	.....	.....	.....	.....	.....	4540	3250	3025	1850	1175	.....	.....
10	.....	.....	.....	.....	.....	4510	3510	3025	1850	1085	.....	.....
11	.....	.....	.....	.....	.....	4380	2900	2925	1850	865	.....	.....
12	.....	.....	.....	.....	.....	4160	3445	2925	2040	835	.....	.....
13	.....	.....	.....	.....	.....	4010	6870	2950	2065	760	.....	.....
14	.....	.....	.....	.....	.....	4130	5780	2530	2065	725	.....	.....
15	.....	.....	.....	.....	.....	4230	3680	2530	2065	540	.....	.....
16	.....	.....	.....	.....	.....	5210	4230	4250	2500	2340	540	.....
17	.....	.....	.....	.....	.....	5220	4560	4990	2500	2270	659	.....
18	.....	.....	.....	.....	.....	5580	5600	4440	2375	2090	660	.....
19	.....	.....	.....	.....	.....	5340	8070	4330	2375	1835	657	.....
20	.....	.....	.....	.....	.....	5280	6150	4030	2440	1640	685	.....
21	.....	.....	.....	.....	.....	5280	7790	3750	2530	1640	675	.....
22	.....	.....	.....	.....	.....	3290	8850	4110	2270	1565	669	.....
23	.....	.....	.....	.....	.....	1820	9760	4050	2220	1665	581	.....
24	.....	.....	.....	.....	.....	1825	10860	4570	2525	2075	679	.....
25	.....	.....	.....	.....	.....	3460	12710	3970	2150	2130	692	.....
26	.....	.....	.....	.....	.....	2790	11755	4280	2050	2130	707	.....
27	.....	.....	.....	.....	.....	3960	11555	3890	2050	2200	709	.....
28	.....	.....	.....	.....	.....	3780	10080	3790	1990	2200	709	.....
29	.....	.....	.....	.....	.....	3975	9500	3530	1890	1795	709	.....
30	.....	.....	.....	.....	.....	3960	8640	3490	1990	1650	744	.....
31	.....	.....	.....	.....	.....	4340	.....	3490	1410	.....	724	.....
Mean	.....	.....	.....	.....	.....	4069	6543	4090	2604	1954	889	.....
Max.	.....	.....	.....	.....	.....	5580	12710	6870	3470	2340	1470	.....
Min.	.....	.....	.....	.....	.....	1820	3640	3110	1410	1290	540	.....
A. F.	.....	.....	.....	.....	.....	129145	389361	251537	160137	116292	55297	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MORRILL, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	11000	17400	2800	2300	1700	*	*
2	.....	.....	.....	.....	.....	13500	17000	2550	2300	1500	.....	.....
3	.....	.....	.....	.....	.....	13500	16450	2550	2550	2100	.....	.....
4	.....	.....	.....	.....	.....	2350	14200	16000	2550	2800	2100	.....
5	.....	.....	.....	.....	.....	2500	14800	15500	2550	2800	1900	.....
6	.....	.....	.....	.....	.....	2200	16000	15000	2550	2550	1700	.....
7	.....	.....	.....	.....	.....	2500	17300	13500	2100	2550	1100	.....
8	.....	.....	.....	.....	.....	2200	15500	13500	1900	2550	1000	.....
9	.....	.....	.....	.....	.....	2200	15000	12500	1900	2800	1000	.....
10	.....	.....	.....	.....	.....	2200	15000	11000	2550	3100	1000	.....
11	.....	.....	.....	.....	.....	2200	14500	10500	2800	2800	1000	.....
12	.....	.....	.....	.....	.....	2100	14500	10050	2800	3100	900	.....
13	.....	.....	.....	.....	.....	2200	13500	9500	3100	2800	850	.....
14	.....	.....	.....	.....	.....	2500	14000	9100	2550	2800	850	.....
15	.....	.....	.....	.....	.....	3400	15000	9100	2100	2300	750	.....
16	.....	.....	.....	.....	.....	4150	15500	8600	1900	1900	750	.....
17	.....	.....	.....	.....	.....	5300	16450	8100	1900	2100	1000	.....
18	.....	.....	.....	.....	.....	7100	17000	9100	1900	2300	1000	.....
19	.....	.....	.....	.....	.....	7100	17000	7600	1900	2300	1100	.....
20	.....	.....	.....	.....	.....	7100	16450	7600	1900	2100	1100	.....
21	.....	.....	.....	.....	.....	8400	17000	7200	1900	2100	1250	.....
22	.....	.....	.....	.....	.....	9700	17000	7200	1900	2100	1250	.....
23	.....	.....	.....	.....	.....	10300	17400	6700	1700	2100	1250	.....
24	.....	.....	.....	.....	.....	9050	17900	6200	1900	2100	1250	.....
25	.....	.....	.....	.....	.....	5900	17900	4300	1700	1700	1100	.....
26	.....	.....	.....	.....	.....	6550	17400	3750	1700	1700	1000	.....
27	.....	.....	.....	.....	.....	8400	17400	3400	1900	1500	900	.....
28	.....	.....	.....	.....	.....	11000	17900	3100	1900	1700	850	.....
29	.....	.....	.....	.....	.....	9050	17900	2800	1700	1500	900	.....
30	.....	.....	.....	.....	.....	10300	17400	2800	1900	1500	900	.....
31	.....	.....	.....	.....	.....	11650	.....	3100	2100	.....	900	.....
Mean	.....	.....	.....	.....	.....	5700	15830	9279	2159	2293	1188	.....
Max.	.....	.....	.....	.....	.....	11650	17900	17400	3100	3100	2100	.....
Min.	.....	.....	.....	.....	.....	2100	11000	2800	1700	1500	750	.....
A. F.	.....	.....	.....	.....	.....	316566	941964	570553	132795	136464	73091	.....

\*No Record.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
MORRILL, NEBRASKA—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	1400	1300	1000	3800	340	1200	*	*
2	.....	.....	.....	.....	1450	1000	1250	1500	275	1525	.....	.....
3	.....	.....	.....	.....	1450	1750	1190	950	325	1475	.....	.....
4	.....	.....	.....	.....	1375	1800	1130	950	225	1425	.....	.....
5	.....	.....	.....	.....	1300	2200	1070	850	240	1400	.....	.....
6	.....	.....	.....	.....	1450	2200	1010	850	225	1350	.....	.....
7	.....	.....	.....	.....	1550	1900	950	800	225	1500	.....	.....
8	.....	.....	.....	.....	1650	1925	700	775	250	1300	.....	.....
9	.....	.....	.....	.....	1450	2000	700	775	225	1400	.....	.....
10	.....	.....	.....	.....	1450	2100	950	750	225	1150	.....	.....
11	.....	.....	.....	.....	1300	1900	800	530	215	1175	.....	.....
12	.....	.....	.....	.....	1150	1900	700	850	2550	1200	.....	.....
13	.....	.....	.....	.....	1000	1550	525	600	2200	1200	.....	.....
14	.....	.....	.....	.....	850	1550	325	600	2500	1225	.....	.....
15	.....	.....	.....	.....	750	1400	325	525	2350	1750	.....	.....
16	.....	.....	.....	.....	725	1250	450	600	1950	1450	.....	.....
17	.....	.....	.....	.....	700	1150	550	690	2000	1200	.....	.....
18	.....	.....	.....	.....	650	1350	425	690	1700	1150	.....	.....
19	.....	.....	.....	.....	750	1550	425	700	1500	1150	.....	.....
20	.....	.....	.....	.....	700	3500	475	530	1400	1175	.....	.....
21	.....	.....	.....	.....	750	2800	550	410	1250	1400	.....	.....
22	.....	.....	.....	.....	650	2100	550	325	1200	1550	.....	.....
23	.....	.....	.....	.....	825	1450	325	380	1150	1350	.....	.....
24	.....	.....	.....	.....	850	900	1900	325	385	1150	1325	.....
25	.....	.....	.....	.....	1050	1075	1700	225	380	1050	1150	.....
26	.....	.....	.....	.....	1200	1300	1550	225	325	1100	1300	.....
27	.....	.....	.....	.....	1300	1300	1700	325	325	1300	1275	.....
28	.....	.....	.....	.....	1400	1450	1700	475	325	1000	1275	.....
29	.....	.....	.....	.....	1450	1450	1400	425	325	1150	1275	.....
30	.....	.....	.....	.....	1350	1525	1150	550	355	1175	1450	.....
31	.....	.....	.....	.....	1600	.....	.....	600	360	.....	.....	.....
Mean	.....	.....	.....	.....	1228	1159	1757	630	717	1081	1323	.....
Max.	.....	.....	.....	.....	1450	1650	3500	1250	3800	2550	1750	.....
Min.	.....	.....	.....	.....	850	650	1000	225	325	215	1150	.....
A. F.	.....	.....	.....	.....	17058	71257	104580	38728	44063	64355	51373	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
MORRILL, NEBRASKA—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	1100	2900	7200	6800	2000	2100	*	*	*
2	.....	.....	.....	1050	2300	7200	6500	2700	1900	.....	.....	.....
3	.....	.....	.....	1150	3300	7400	5500	2500	1750	.....	.....	.....
4	.....	.....	.....	1050	4800	7200	5400	2000	1500	.....	.....	.....
5	.....	.....	.....	1050	5200	6700	5350	1750	1700	.....	.....	.....
6	.....	.....	.....	1350	6400	6700	4600	1900	1850	.....	.....	.....
7	.....	.....	.....	1150	7950	7000	2700	1450	2000	.....	.....	.....
8	.....	.....	.....	900	9000	7000	3200	1900	2000	.....	.....	.....
9	.....	.....	.....	1050	9800	6700	3200	2300	1900	.....	.....	.....
10	.....	.....	.....	1150	9800	7500	2300	2300	2000	.....	.....	.....
11	.....	.....	.....	1050	11900	7000	3500	1900	1900	.....	.....	.....
12	.....	.....	.....	1050	11900	7500	2700	1900	1900	.....	.....	.....
13	.....	.....	.....	1400	12000	8000	3400	1650	1900	.....	.....	.....
14	.....	.....	.....	1700	12700	8500	4100	2000	1500	.....	.....	.....
15	.....	.....	.....	1700	11000	9000	3600	1900	1450	.....	.....	.....
16	.....	.....	.....	1700	9500	9500	3600	1700	1500	.....	.....	.....
17	.....	.....	.....	1850	8900	10200	3900	1500	1050	.....	.....	.....
18	.....	.....	.....	2000	8100	11800	4200	1450	1000	.....	.....	.....
19	.....	.....	.....	2150	7950	11800	4600	1300	1000	.....	.....	.....
20	.....	.....	.....	2300	8100	11800	2300	1200	2500	.....	.....	.....
21	.....	.....	.....	2000	8100	11800	2000	1200	1900	.....	.....	.....
22	.....	.....	.....	2000	7950	11800	2300	1450	850	.....	.....	.....
23	.....	.....	.....	2000	7100	10600	2100	1750	750	.....	.....	.....
24	.....	.....	.....	2050	6100	10400	2300	1500	700	.....	.....	.....
25	.....	.....	.....	2100	5300	11200	2150	1450	850	.....	.....	.....
26	.....	.....	.....	2150	4600	8700	2000	1300	700	.....	.....	.....
27	.....	.....	.....	2150	3700	7500	1900	1200	650	.....	.....	.....
28	.....	.....	.....	2000	3200	7000	1750	1450	650	.....	.....	.....
29	.....	.....	.....	2000	2350	7600	2300	1900	600	.....	.....	.....
30	.....	.....	.....	2150	2100	7000	1500	2500	1050	.....	.....	.....
31	.....	.....	.....	.....	2200	.....	1400	2300	.....	.....	.....	.....
Mean	.....	.....	.....	1617	6974	8643	3327	1784	1437	.....	.....	.....
Max.	.....	.....	.....	2300	12700	11800	6800	2700	2000	.....	.....	.....
Min.	.....	.....	.....	900	2100	6700	1400	1200	600	.....	.....	.....
A. F.	.....	.....	.....	96199	428832	514321	204598	109687	85488	.....	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MORRILL, NEBRASKA—1921

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	2300	2600	*	3400	1100	2500	1300	*
2	.....	.....	.....	.....	1850	3700	.....	3600	1150	2300	1150	.....
3	.....	.....	.....	.....	2200	3550	.....	3600	1200	2100	1150	.....
4	.....	.....	.....	.....	1700	5200	.....	3800	1200	1800	1250	.....
5	.....	.....	.....	.....	1500	5200	.....	3800	1200	1500	1250	.....
6	.....	.....	.....	.....	1500	7300	.....	3600	1300	1700	1250	.....
7	.....	.....	.....	.....	1700	1010 <sup>9</sup>	.....	3400	1300	1700	1250	.....
8	.....	.....	.....	.....	1700	11800	.....	3400	1450	1800	1150	.....
9	.....	.....	.....	.....	1700	15200	.....	3000	1600	1600	1150	.....
10	.....	.....	.....	.....	2200	16400	.....	2800	1800	1600 <sup>9</sup>	1150	.....
11	.....	.....	.....	.....	2200	16900	.....	1900	1900	2000	1150	.....
12	.....	.....	.....	.....	2000	17500	.....	1750	1900	2000	1150	.....
13	.....	.....	.....	.....	1850	18100	.....	1600	1800	2000	1150	.....
14	.....	.....	.....	.....	1700	18700	.....	1400	1800	2000	1250	.....
15	.....	.....	.....	.....	1600	19000	.....	1200	1900	2000	1150	.....
16	.....	.....	.....	.....	750	1500	19800	.....	1300	1900	1500	1150
17	.....	.....	.....	.....	700	1500	25000	.....	1300	2000	1800	1250
18	.....	.....	.....	.....	600	1500	23300	.....	2200	1900	1400	1250
19	.....	.....	.....	.....	700	1600	21000	.....	1200	1900	1600	1250
20	.....	.....	.....	.....	2160	1600	21000	.....	2550	2000	1600	1150
21	.....	.....	.....	.....	2100	1850	21600	.....	1400	2100	1800	1050
22	.....	.....	.....	.....	1350	1850	21800	.....	1150	2100	1700	1050
23	.....	.....	.....	.....	1500	1600	19000	.....	1150	2100	1700	1050
24	.....	.....	.....	.....	1700	1500	16700	.....	1050	2100	1700	1000
25	.....	.....	.....	.....	1700	7500	12600	.....	1000	2200	1800	1000
26	.....	.....	.....	.....	1700	3700	11900	.....	1000	2350	1200	1000
27	.....	.....	.....	.....	2450	3400	7200	.....	1050	2500	1250	1050
28	.....	.....	.....	.....	2450	3400	5300	.....	1050	2750	1250	1050
29	.....	.....	.....	.....	2600	2450	3800	.....	950	2750	1300	1050
30	.....	.....	.....	.....	3400	2450	3200	.....	950	3000	1300	1050
31	.....	.....	.....	.....	.....	2700	.....	.....	1050	.....	1300	.....
Mean	.....	.....	.....	.....	1720	2187	13452	.....	2035	1875	1721	1143
Max.	.....	.....	.....	.....	3400	7500	25000	.....	3800	3000	2800	1300
Min.	.....	.....	.....	.....	600	1500	2600	.....	950	1100	1200	1050
A. F.	.....	.....	.....	.....	51174	134481	800441	.....	125159	111572	105919	68034

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MORRILL, NEBRASKA—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	950	800	5800	2700	2100	490	*	*	*
2	.....	.....	.....	950	800	5650	2500	2100	410	.....	.....	.....
3	.....	.....	.....	800	800	5400	2500	2000	390	.....	.....	.....
4	.....	.....	.....	800	850	4800	2200	2200	390	.....	.....	.....
5	.....	.....	.....	750	900	4800	2700	2000	290	.....	.....	.....
6	.....	.....	.....	800	1100	5100	2700	2000	195	.....	.....	.....
7	.....	.....	.....	750	1200	4500	2200	1900	220	.....	.....	.....
8	.....	.....	.....	750	1200	2800	2100	1800	195	.....	.....	.....
9	.....	.....	.....	800	2000	2600	2000	1700	195	.....	.....	.....
10	.....	.....	.....	850	3200	2100	1900	1200	195	.....	.....	.....
11	.....	.....	.....	900	4200	2200	1700	1000	195	.....	.....	.....
12	.....	.....	.....	1100	6100	1750	1500	1000	190	.....	.....	.....
13	.....	.....	.....	1100	5500	1500	1500	800	190	.....	.....	.....
14	.....	.....	.....	1200	5500	1400	1300	700	185	.....	.....	.....
15	.....	.....	.....	1000	6500	1300	1300	600	229	.....	.....	.....
16	.....	.....	.....	950	6900	1200	1300	600	273	.....	.....	.....
17	.....	.....	.....	900	7200	1550	900	500	317	.....	.....	.....
18	.....	.....	.....	850	7100	1900	750	500	360	.....	.....	.....
19	.....	.....	.....	900	7900	1700	750	500	305	.....	.....	.....
20	.....	.....	.....	900	8500	2100	750	500	250	.....	.....	.....
21	.....	.....	.....	850	8600	2250	750	500	195	.....	.....	.....
22	.....	.....	.....	800	7500	2100	650	500	195	.....	.....	.....
23	.....	.....	.....	850	6500	2100	700	500	195	.....	.....	.....
24	.....	.....	.....	850	5600	2000	700	390	290	.....	.....	.....
25	.....	.....	.....	850	5900	2100	1350	390	310	.....	.....	.....
26	.....	.....	.....	850	5200	2100	1350	400	310	.....	.....	.....
27	.....	.....	.....	850	6650	2400	1200	490	390	.....	.....	.....
28	.....	.....	.....	900	6600	2200	1500	490	195	.....	.....	.....
29	.....	.....	.....	900	6800	2200	1500	490	100	.....	.....	.....
30	.....	.....	.....	900	6600	1900	2100	490	100	.....	.....	.....
31	.....	.....	.....	.....	6600	.....	.....	1100	.....	.....	.....	.....
Mean	.....	.....	.....	.....	887	4829	2716	1585	1014	258	.....	.....
Max.	.....	.....	.....	.....	1200	8600	5800	2700	2200	490	.....	.....
Min.	.....	.....	.....	.....	750	800	1200	650	390	100	.....	.....
A. F.	.....	.....	.....	.....	52761	296344	161663	97493	62364	15361	.....	.....

\*No Record.



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MORRILL, NEBRASKA—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	890	750	750	890	1500	1250	2100	2900	700	9500	1200	1300
2	890	750	800	800	1700	1000	2000	2900	800	7000	1200	1300
3	890	750	800	1100	1950	750	1900	3400	700	4700	1150	1300
4	890	750	800	1100	1950	620	1750	2900	700	3350	1200	1300
5	890	800	800	1100	1950	550	1300	2900	700	2450	1150	1100
6	890	800	800	1100	1950	1850	1150	2500	800	2250	1300	1200
7	800	800	750	1060	1950	2650	800	2500	800	2250	1300	1200
8	800	800	700	1060	1800	3250	1000	3700	750	2250	1300	1300
9	750	800	800	1000	2000	3750	900	2500	750	1300	1200	1200
10	750	825	800	900	1800	4900	1170	2500	600	2100	1200	1200
11	750	800	750	900	1650	5200	2450	2250	650	1450	1200	1200
12	750	800	750	900	1500	5200	1950	2050	650	1300	1300	1200
13	750	800	800	900	1500	3700	1700	1400	700	1700	1300	1200
14	750	800	800	890	1650	4000	2200	1300	700	1700	1300	1200
15	750	800	750	800	1450	3500	2670	1450	600	1700	1300	1200
16	750	800	750	800	1250	3500	2900	2250	800	1550	1450	1200
17	750	800	750	800	1250	3300	3400	1450	900	1450	1300	1200
18	750	800	750	800	1060	2650	8150	1450	1000	1450	1200	1200
19	750	800	750	750	1200	3000	2900	2600	1350	1300	1300	1200
20	750	800	900	750	1000	2400	2900	1450	1500	1300	1300	1200
21	750	750	750	750	1000	2500	2900	1100	1350	1300	1200	1200
22	750	750	750	825	1100	2500	2900	1100	1500	1300	1200	1200
23	750	800	750	900	1500	2500	2900	1250	1350	1300	1300	1200
24	750	800	750	1350	5750	2300	2700	1350	1200	1300	1300	1200
25	750	750	800	1500	4500	1900	3100	1250	1500	1300	1300	1200
26	750	750	800	1350	3750	1950	4250	1100	1350	1450	1300	1200
27	750	750	750	1350	3050	2150	4900	1100	1250	1300	1300	1200
28	750	750	750	1300	2750	2150	2900	1000	1850	1300	1300	1200
29	750	.....	800	1300	2400	2400	3400	1000	4600	1200	1300	1200
30	750	.....	800	1250	1650	2150	4000	900	12000	1300	1200	1200
31	750	.....	800	.....	1500	.....	3400	700	.....	1200	.....	1200
Mean	780	783	775	1009	1968	2654	2504	1877	1473	2138	1261	1212
Max.	890	825	900	1500	5750	5200	4900	3700	12000	9500	1450	1300
Min.	750	750	700	750	1000	550	800	700	600	1200	1150	1200
A. F.	47981	43488	47703	60064	121013	157926	153099	115440	87671	131506	75075	74579
Total	1,116,435	Acre Feet.										

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1916

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	526	2610	1210	1880	1490	*	*	*
2	.....	.....	.....	.....	928	2220	1350	1520	1070	.....	.....	.....
3	.....	.....	.....	.....	956	1770	1290	1520	750	.....	.....	.....
4	.....	.....	.....	.....	659	1960	1360	1740	750	.....	.....	.....
5	.....	.....	.....	.....	633	2160	1460	1770	770	.....	.....	.....
6	.....	.....	.....	.....	788	1350	1520	1920	672	.....	.....	.....
7	.....	.....	.....	.....	710	1660	1800	2050	870	.....	.....	.....
8	.....	.....	.....	.....	633	1600	1880	2190	738	.....	.....	.....
9	.....	.....	.....	.....	694	1550	1820	2270	650	.....	.....	.....
10	.....	.....	.....	.....	788	1570	1770	2500	575	.....	.....	.....
11	.....	.....	.....	.....	526	1430	1710	1800	500	.....	.....	.....
12	.....	.....	.....	.....	470	1430	2050	2300	430	.....	.....	.....
13	.....	.....	.....	.....	420	2390	2130	2380	470	.....	.....	.....
14	.....	.....	.....	.....	1150	2890	2390	2470	470	.....	.....	.....
15	.....	.....	.....	.....	1150	2720	2300	2270	460	.....	.....	.....
16	.....	.....	.....	.....	1100	2720	2230	2470	470	.....	.....	.....
17	.....	.....	.....	.....	1880	3110	2160	2390	455	.....	.....	.....
18	.....	.....	.....	.....	1270	2050	2800	2300	1740	440	.....	.....
19	.....	.....	.....	.....	1490	1710	2500	2050	1550	430	.....	.....
20	.....	.....	.....	.....	1410	2270	2690	2160	1450	430	.....	.....
21	.....	.....	.....	.....	1350	2245	2780	2220	1350	460	.....	.....
22	.....	.....	.....	.....	1300	2220	2810	2360	1430	460	.....	.....
23	.....	.....	.....	.....	1300	2850	2550	1630	1350	430	.....	.....
24	.....	.....	.....	.....	1210	3340	2580	1460	1410	425	.....	.....
25	.....	.....	.....	.....	1180	2770	1930	3420	1210	420	.....	.....
26	.....	.....	.....	.....	1270	3250	1430	3310	1320	420	.....	.....
27	.....	.....	.....	.....	1100	3200	1130	3140	1670	430	.....	.....
28	.....	.....	.....	.....	760	3225	930	2890	2050	405	.....	.....
29	.....	.....	.....	.....	760	3250	694	2830	1350	420	.....	.....
30	.....	.....	.....	.....	760	430	870	2200	1350	430	.....	.....
31	.....	.....	.....	.....	410	.....	1740	1430	.....	.....	.....	.....
Mean	.....	.....	.....	.....	1165	1520	2200	2080	1810	560	.....	.....
Max.	.....	.....	.....	.....	1490	3340	3110	3420	2500	1490	.....	.....
Min.	.....	.....	.....	.....	760	410	694	1210	1210	405	.....	.....
A. F.	.....	.....	.....	.....	32750	94250	132000	129456	112300	33600	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*				10150	18500	2750	2000	1900	*	*
2						11600	18200	2450	1950	1775		
3						11200	17700	2250	1950	1900		
4						12300	17000	2450	1900	1900		
5					2150	14000	16500	2100	2000	1925		
6					2975	15100	15700	1825	2000	1825		
7					2000	15500	14300	1775	2100	1800		
8					2050	13700	13000	1775	2250	1750		
9					2050	13700	11800	1900	2350	1725		
10					2050	13500	10900	2050	2450	*		
11					2000	13300	9800	2250	2425			
12					1900	12600	8700	2400	2400			
13					2100	12900	8300	2600	2250			
14					2300	12900	7700	2000	2200			
15					3350	14200	7650	1820	1900			
16					3500	14800	7600	1650	1900			
17					4300	15400	7700	1650	1900			
18					5800	16000	7600	1650	2100			
19					6200	16000	7500	1675	1925			
20					6200	16250	7600	1725	2000			
21					6200	16250	7200	1825	2100			
22					7600	16500	6600	1775	2100			
23					8700	17100	6100	1700	2100			
24					7700	17700	5900	1550	2100			
25					5700	18400	3500	1600	1900			
26					5400	18500	3600	1575	1825			
27					7250	18800	3700	1550	1825			
28					9100	19600	3500	1650	1825			
29					8400	19300	3300	1700	1775			
30					9500	19000	3200	1625	1825			
31					10500		3100	1900				
Mean					5039	15208	9143	1909	2044	1833		
Max.					10500	19600	18500	2750	2450	1925		
Min.					1900	10150	3100	1550	1775	1725		
A. F.					263904	904971	562223	117423	121638	32727		

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1918

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	4300	7500	2150	700	1300	550	*
2						4050	7700	1800	575	1400	550	
3						3850	7700	1450	450	1600	550	
4						4400	7500	1600	350	1450	550	
5						4400	7200	1800	600	1550	550	
6					6000	4900	7000	1450	600	1450	550	
7					7000	4900	5000	1450	600	1300	550	
8					7200	4900	3000	1750	725	1300	550	
9					8300	4650	2650	1450	850	1150	550	
10					8000	4400	2300	1500	850	1000	550	
11					8100	4100	1950	1450	850	600	550	
12					7650	4100	1600	1400	1000	600	550	
13					7200	3600	2200	1450	1150	500	550	
14					7200	2700	2450	1150	1200	450	550	
15					7000	2700	2700	1400	1325	450	550	
16					7200	2850	2000	2150	1450	450	550	
17					6400	3000	3300	2200	1600	450	550	
18					6700	3000	2150	1900	1450	450	550	
19					6200	3900	2700	1600	1450	450	550	
20					5700	4400	2500	1600	1300	450	550	
21					5700	5400	2800	1450	1150	450	550	
22					5100	6700	3100	1450	1100	450	550	
23					2700	7950	3400	1400	1650	450	550	
24					1150	9250	2500	1300	1150	450	550	
25					3100	11800	2700	1200	1800	450		
26					3250	11000	2450	1100	1825	550		
27					3400	10500	2500	1000	1900	550		
28					3100	10300	2500	850	2100	550		
29					4900	7700	2500	850	1700	550		
30					5050	7600	2350	850	1300	550		
31					5200		2150	825		550		
Mean					5711	5556	3551	1450	1138	771	550	
Max.					8300	11800	7700	2200	2100	1600	550	
Min.					1150	1150	2700	1600	825	350	550	
A. F.					294549	330649	218383	89207	67736	47405	25091	

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	2700	6600	6100	1500	1000	600	*	*
2	.....	.....	.....	.....	2700	7100	5100	1500	1260	650	.....	.....
3	.....	.....	.....	.....	3600	7100	4900	2100	1200	650	.....	.....
4	.....	.....	.....	.....	4300	6900	4500	1600	1200	650	.....	.....
5	.....	.....	.....	.....	5500	6200	4100	1600	1200	850	.....	.....
6	.....	.....	.....	.....	6100	5700	3700	1800	1200	1050	.....	.....
7	.....	.....	.....	.....	7300	5700	3000	1700	1200	1050	.....	.....
8	.....	.....	.....	.....	8000	6200	2500	1550	1400	1050	.....	.....
9	.....	.....	.....	.....	8200	5900	2500	1450	1250	1050	.....	.....
10	.....	.....	.....	.....	8350	6600	2300	1500	1250	1100	.....	.....
11	.....	.....	.....	.....	8500	6900	2300	1450	1350	1150	.....	.....
12	.....	.....	.....	.....	8900	6600	2300	1700	1275	1150	.....	.....
13	.....	.....	.....	.....	9100	7500	3000	1800	1200	1050	.....	.....
14	.....	.....	.....	.....	9200	8900	3700	1800	1100	1150	.....	.....
15	.....	.....	.....	.....	9100	9800	3100	1400	800	1200	.....	.....
16	.....	.....	.....	.....	9050	9300	3100	1200	800	1150	.....	.....
17	.....	.....	.....	.....	8950	10400	3400	1000	800	1200	.....	.....
18	.....	.....	.....	.....	7600	11500	3800	1100	700	1250	.....	.....
19	.....	.....	.....	.....	7000	12600	4300	1200	750	1150	.....	.....
20	.....	.....	.....	.....	7200	10500	3400	1200	800	1150	.....	.....
21	.....	.....	.....	.....	7300	11100	2800	750	600	1150	.....	.....
22	.....	.....	.....	.....	7300	11100	2800	650	600	1300	.....	.....
23	.....	.....	.....	.....	6700	9700	2700	550	600	1350	.....	.....
24	.....	.....	.....	.....	6100	8900	2600	500	500	1300	.....	.....
25	.....	.....	.....	.....	5000	8400	2300	450	600	1250	.....	.....
26	.....	.....	.....	.....	4400	7400	2100	800	550	1050	.....	.....
27	.....	.....	.....	.....	3100	6600	2000	800	500	1150	.....	.....
28	.....	.....	.....	.....	2800	6000	1700	900	600	900	.....	.....
29	.....	.....	.....	.....	3400	6400	1700	1100	600	1050	.....	.....
30	.....	.....	.....	.....	2400	6100	1300	1200	600	1150	.....	.....
31	.....	.....	.....	.....	2400	.....	1500	1300	.....	1250	.....	.....
Mean	.....	.....	.....	.....	6185	7990	3052	1263	914	1071	.....	.....
Max.	.....	.....	.....	.....	9200	12600	6100	2100	1400	1350	.....	.....
Min.	.....	.....	.....	.....	2400	5700	1300	450	500	600	.....	.....
A. F.	.....	.....	.....	.....	380336	475445	187639	77654	54287	65742	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1921

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	900	2300	3000	2600	3500	700	1900	1100	*
2	.....	.....	.....	900	2200	3000	2600	3800	600	1500	1100	.....
3	.....	.....	.....	850	2200	3200	2700	4200	650	1350	1100	.....
4	.....	.....	.....	800	1700	4500	2700	3800	700	1350	1050	.....
5	.....	.....	.....	850	1700	5100	2800	3800	650	1350	1050	.....
6	.....	.....	.....	900	1650	5900	2900	3300	650	1350	1050	.....
7	.....	.....	.....	800	1650	7500	2900	3000	800	1350	1050	.....
8	.....	.....	.....	900	1650	8800	2800	2850	850	1500	1050	.....
9	.....	.....	.....	900	1600	12200	2600	2800	900	1500	1100	.....
10	.....	.....	.....	900	1700	13700	2400	2050	1000	1500	1050	.....
11	.....	.....	.....	850	1850	14300	2400	1800	900	1400	1000	.....
12	.....	.....	.....	850	1700	14800	2700	1800	850	1500	1000	.....
13	.....	.....	.....	850	1600	14800	2600	1750	850	1500	1000	.....
14	.....	.....	.....	800	1350	15400	2500	1650	850	1500	1000	.....
15	.....	.....	.....	900	1300	11800	2400	1500	800	1500	900	.....
16	.....	.....	.....	900	1250	17000	2350	1350	800	1400	900	.....
17	.....	.....	.....	850	1450	23600	2350	2600	700	1350	900	.....
18	.....	.....	.....	900	1600	23200	2350	2050	850	1400	900	.....
19	.....	.....	.....	900	1600	21800	2350	1500	1000	1350	900	.....
20	.....	.....	.....	1600	1600	20500	3600	1150	1000	1500	900	.....
21	.....	.....	.....	1950	1600	19500	2500	1050	800	1500	900	.....
22	.....	.....	.....	1200	1600	17500	3000	1100	1000	1400	900	.....
23	.....	.....	.....	1200	1600	15700	2600	1150	1050	1500	900	.....
24	.....	.....	.....	1350	1450	13900	2600	1050	1100	1350	900	.....
25	.....	.....	.....	1500	5400	12100	2600	1050	1150	1200	900	.....
26	.....	.....	.....	1600	3900	10300	3300	1050	1200	1200	900	.....
27	.....	.....	.....	2100	4200	9400	3100	1050	1350	1250	900	.....
28	.....	.....	.....	2350	3700	7500	3100	1000	1700	1250	900	.....
29	.....	.....	.....	2450	3000	5500	2900	1000	1500	1250	900	.....
30	.....	.....	.....	2350	2600	4900	3100	850	1900	1200	900	.....
31	.....	.....	.....	.....	2200	.....	3200	700	.....	1100	.....	.....
Mean	.....	.....	.....	.....	1205	2033	12180	2729	1977	961	1388	970
Max.	.....	.....	.....	.....	2450	5400	23600	3300	4300	1900	1900	1100
Min.	.....	.....	.....	.....	800	1250	3000	2350	900	600	1100	900
A. F.	.....	.....	.....	.....	71703	128729	724770	167804	121583	57224	85330	57720

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	950	900	6300	2000	1600	525	350	650	800
2	.....	.....	.....	900	900	5300	2150	1600	450	400	650	750
3	.....	.....	.....	900	800	5200	2100	1650	400	500	650	750
4	.....	.....	.....	850	800	4800	2250	1700	350	450	650	750
5	.....	.....	.....	800	800	4500	2400	1500	300	700	700	800
6	.....	.....	.....	800	900	3200	1900	1450	300	300	800	800
7	.....	.....	.....	800	950	2900	1800	1350	350	400	800	850
8	.....	.....	.....	900	1000	2700	1600	1250	300	450	800	850
9	.....	.....	.....	850	1200	2400	1600	1250	290	500	700	900
10	.....	.....	.....	850	2700	2200	1600	1200	270	650	700	900
11	.....	.....	.....	900	3100	1900	1600	1100	260	700	750	900
12	.....	.....	.....	950	5600	1700	1450	1050	250	800	750	850
13	.....	.....	.....	950	5700	1650	1400	950	255	800	750	850
14	.....	.....	.....	950	5700	1600	1350	820	210	800	750	800
15	.....	.....	.....	950	5800	1500	1200	700	250	850	750	800
16	.....	.....	.....	900	6300	1200	900	650	260	900	700	900
17	.....	.....	.....	900	6700	1400	620	600	280	1000	850	900
18	.....	.....	.....	900	6850	1500	510	550	300	1000	850	900
19	.....	.....	.....	900	7350	1700	600	550	260	1150	900	900
20	.....	.....	.....	900	8000	1700	510	550	270	1150	900	850
21	.....	.....	.....	850	8000	1800	450	550	260	1000	850	850
22	.....	.....	.....	850	7500	1800	300	400	300	1000	850	850
23	.....	.....	.....	850	7000	1850	475	400	300	1000	850	850
24	.....	.....	.....	850	6000	1800	650	400	300	1000	850	850
25	.....	.....	.....	850	4500	1850	1100	300	300	900	850	850
26	.....	.....	.....	950	4200	1900	1050	350	350	900	850	850
27	.....	.....	.....	1000	6700	1900	1200	400	350	800	850	900
28	.....	.....	.....	950	6700	1950	1250	425	300	700	850	900
29	.....	.....	.....	900	6700	2000	1200	410	260	750	850	900
30	.....	.....	.....	900	6000	2100	1500	400	300	800	800	900
31	.....	.....	.....	.....	6300	.....	1500	700	.....	600	.....	900
Mean	.....	.....	.....	891	4566	2476	1297	864	304	741	783	851
Max.	.....	.....	.....	1000	8000	6300	2400	1700	525	1150	900	900
Min.	.....	.....	.....	800	800	1200	300	300	210	300	650	750
A. F.	.....	.....	.....	53061	280778	147381	79766	53168	18129	45620	46612	52364

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	900	800	850	900	1750	1300	1800	3500	600	10500	1400	1500
2	900	850	900	1000	1800	1100	1800	3200	600	8000	1300	1200
3	900	850	850	1100	2550	750	1700	3700	600	5100	1400	1200
4	750	1050	850	1250	2250	700	1150	3300	600	5700	1425	1100
5	750	1250	850	1250	2150	600	1150	2900	600	2600	1450	1200
6	750	2100	850	1250	2090	1400	1150	2500	700	2300	1550	1300
7	700	1900	750	1200	1900	2600	900	2500	700	2025	1500	1200
8	700	1700	750	1100	1800	2600	800	2500	700	1750	1450	1200
9	750	1700	800	1050	2250	4600	790	2900	700	1400	1450	1150
10	650	1700	800	1000	2250	5400	1000	3200	600	2250	1425	1150
11	850	1600	800	850	2150	5300	2400	2900	600	1750	1400	1150
12	850	1600	850	800	2150	5700	1700	2450	600	1750	1400	1150
13	900	1600	800	750	2100	4400	1500	2000	600	1750	1450	1150
14	900	1500	850	750	2100	4400	1150	1900	600	1600	1750	1150
15	850	1500	850	750	2150	3800	2400	2400	600	1450	1800	1150
16	850	1500	850	800	1900	3750	2800	2100	600	1550	1750	1150
17	800	1400	1000	800	2150	3700	3200	2400	600	1500	1750	1150
18	750	1300	900	750	1750	3600	3200	1900	700	1500	1550	1150
19	800	1250	800	750	1550	3700	2700	1800	1600	1500	1750	1150
20	850	1250	750	800	1400	2600	2700	1700	1800	1700	1500	1650
21	800	1250	850	800	1250	2300	2400	1700	1600	1475	1550	1150
22	750	1100	850	900	1750	2300	2500	1700	1500	1450	1500	1150
23	800	1000	850	1000	1650	2800	2500	1500	1100	1400	1400	1150
24	850	750	850	1400	5900	2300	2500	1700	1100	1400	1750	1150
25	900	800	850	1650	5800	2300	3500	1500	1100	1580	1625	1150
26	900	800	900	1550	4400	2300	4400	1325	1000	1550	1500	1150
27	1000	850	900	1750	3800	2500	5100	1150	1100	1500	1500	1150
28	1000	800	900	1650	3300	2150	3500	1150	1900	1500	1500	1150
29	1000	.....	850	1600	3050	2150	3600	850	3700	1500	1400	1150
30	850	.....	850	1550	1900	2200	3700	700	12000	1450	1300	1150
31	800	.....	850	.....	1800	.....	3600	600	.....	1400	.....	1150
Mean	832	1276	843	1091	2409	2876	2361	2149	1356	2376	1521	1172
Max.	1000	2100	1000	1750	5900	5700	5100	3700	12000	10000	1800	1500
Min.	700	800	750	750	1250	600	700	600	600	1400	1300	1150
A. F.	51174	70910	51865	64959	148167	171176	145191	132150	80728	146144	90207	72100

Total 1,225,065 Acre Feet.

†Estimated on account of ice.



**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1926**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2450	1200	900	1100	1900	6700	1450	2000	900	1900	1400	1300
2	2450	1400	900	1200	2100	5800	2300	2200	800	3000	1400	1400
3	2450	1200	900	1100	2350	5450	2050	2100	650	2500	1400	1300
4	2450	1200	900	1100	2350	4950	2900	2000	750	2000	1250	1400
5	2450	1100	900	1100	2350	4750	3800	1900	900	2000	1250	1350
6	2000	1100	1000	1100	2350	4450	4700	1800	1200	1900	1150	1300
7	2250	1100	1000	1100	2000	4150	4000	1600	1700	1800	1100	1250
8	2250	1000	1000	1100	2100	3650	3650	1800	1400	1600	1100	1250
9	2000	1000	1050	1450	2100	2350	4000	2000	1400	1600	1100	1250
10	2000	1100	1050	1350	2100	2350	5900	2200	1400	1550	1000	1300
11	2000	1100	1000	1200	2350	2350	6600	2200	1600	1500	950	1250
12	2000	1100	900	1100	2100	2350	7000	2200	1600	1400	1050	1250
13	2000	1000	900	1250	2000	2300	5900	2700	1550	1400	1100	1350
14	2250	1000	900	1100	1900	2600	4500	2850	1400	1250	1100	1250
15	2150	900	900	1250	1550	2850	4000	2600	1300	1250	1100	1250
16	2150	850	900	1250	1400	7200	3650	2350	1300	1150	1100	1250
17	2150	800	900	1350	1300	8350	3650	2350	1200	1120	1150	1250
18	2150	800	900	1900	1300	8150	3150	2200	1300	1100	1150	1250
19	2150	650	800	3000	1000	9500	2650	2000	1100	1100	1250	1250
20	2150	800	800	4100	1300	7900	2800	1700	1150	1100	1250	1250
21	2150	800	800	5300	1250	6250	2500	1600	1200	1100	1250	1250
22	2150	800	750	4900	1200	5800	2400	1800	1200	1100	1250	1250
23	2150	800	1000	4500	1250	5150	2250	1800	1200	1250	1100	1250
24	2150	800	1200	4200	1150	4550	2050	1800	1250	1360	1100	1250
25	2150	800	1050	3200	1000	4550	1950	1500	1400	1400	1250	1250
26	2150	1000	1050	2750	1300	3800	2300	1400	1600	1300	1400	1250
27	2000	800	1200	2500	1650	3000	2650	1250	1800	1400	1400	1250
28	1600	800	1200	2200	2100	2350	3050	1250	2000	1400	1400	1250
29	1900	.....	1050	1800	2100	1850	2800	1200	2000	1400	1400	1250
30	1800	.....	1050	1900	7000	1450	2500	1100	1800	1400	1250	1250
31	1600	.....	1000	.....	7900	.....	2500	1100	.....	1400	.....	1250
Mean	2119	931	963	2081	2122	4593	3406	1888	1335	1507	1205	1269
Max.	2450	1400	1200	5300	7900	9500	7000	2850	2000	3000	1400	1400
Min.	1600	800	750	1100	1000	1450	1450	1100	650	1100	950	1250
A. F.	†79985	53554	59207	23869	120514	273326	203457	116134	79439	92688	71703	78050

Total 1,267,876 Acre Feet.

†Estimated.

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1927**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1400	1400	1600	1600	4200	1250	3800	4300	1450	4400	1500	1600
2	1400	1400	1600	1900	4300	1700	2850	6000	1300	2850	1500	1600
3	1400	1400	1600	1800	4200	2200	3800	5750	1350	2050	1450	1600
4	1400	1400	1300	1800	4000	2200	4000	5750	1350	1900	1500	1600
5	1400	1400	1300	1700	3850	2000	4300	5750	1300	1800	1450	1600
6	1400	1400	1300	1900	3700	1900	3500	4900	1150	1900	1600	1600
7	1400	1400	1300	1900	3450	2000	2850	5000	1150	1900	1650	1600
8	1400	1400	1100	1900	3550	1900	2450	4600	1150	2300	1600	1600
9	1400	1400	1300	1900	3700	1800	2100	4600	1300	2400	1650	1600
10	1400	1400	1300	1900	4300	1600	2000	3900	1300	2600	1800	1600
11	1400	1400	1600	1900	4600	1550	1600	4000	1450	2300	1600	1600
12	1400	1400	1600	1900	3700	1450	1100	4000	1650	2050	1500	1600
13	1400	1400	1600	1900	4600	1900	950	4000	1650	1900	1500	1600
14	1400	1400	1500	1900	5750	1900	1400	4000	1800	1800	1500	1600
15	1400	1400	1500	1900	6200	2000	1250	4000	1600	1600	1600	1600
16	1400	1400	1300	2850	6600	1900	1500	6600	1650	1550	1650	1600
17	1400	1400	1300	2850	6450	4300	1400	5750	1450	2200	1800	1600
18	1400	1400	1300	2850	6000	4900	1300	4600	1600	4350	1800	1600
19	1400	1400	1300	2850	5700	4450	1400	2150	1300	2850	1650	1600
20	1400	1400	1200	2850	5700	4450	1700	2550	1100	2000	1800	1600
21	1400	1600	1100	2850	5300	5300	1700	2150	1100	1800	1800	1600
22	1400	1600	1300	2850	4450	6600	1700	1800	1100	1650	1950	1600
23	1400	1600	1200	2750	3900	4900	1900	1700	1100	1550	1950	1600
24	1400	1600	1300	2550	3450	5200	2300	1450	1100	1550	1950	1600
25	1400	1600	1300	2300	2800	5750	2700	1300	1100	1450	1800	1600
26	1400	1600	1300	2600	2200	4700	2800	1150	1100	1550	1650	1600
27	1400	1600	1200	2750	1700	4200	2550	1300	1450	1450	1650	1600
28	1400	1600	1200	2850	1500	3900	2700	1300	2250	1450	1650	1600
29	1400	.....	1390	3650	1400	4600	2700	1500	3550	1450	1650	1600
30	1400	.....	1100	4300	1300	4200	3200	1450	4250	1450	1500	1600
31	1400	.....	1700	.....	1250	.....	3750	1450	.....	1450	.....	1600
Mean	1400	1457	1351	2333	3993	3223	2363	3508	1538	2048	1655	1600
Max.	1400	1600	1700	4300	6600	5750	4300	6600	4250	4400	1950	1600
Min.	1400	1400	1100	1600	1250	1250	950	1150	1100	1450	1450	1600
A. F.	86084	80927	83108	141820	245557	191804	145291	215705	91538	125952	98480	98381

Total 1,604,647 Acre Feet.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1350	1000	1100	2000	1000	8900	3750	2675	1900	800	1350	1125
2	1350	1000	1100	1350	1100	10500	3300	2050	1700	700	1350	1125
3	1350	1100	900	1350	1150	11800	3450	1550	1400	600	1250	1050
4	1350	1100	900	1950	1250	12100	2900	1500	1900	550	1250	1050
5	1350	1100	1000	1800	3150	13600	2400	1500	1400	550	1250	1125
6	1350	1100	1000	1800	4850	13300	1800	1400	1100	500	1125	1050
7	1350	1100	1000	1800	2050	12500	1500	1250	1025	500	1250	1125
8	1350	1100	1000	1700	2300	14000	1400	1150	950	400	1250	1250
9	1350	1100	1100	1700	1800	14200	1700	1150	1100	400	1250	1350
10	1350	1100	1150	1600	1350	13400	1400	1700	1025	500	1350	1350
11	1350	1100	1150	1600	1000	12100	1350	1700	950	500	1500	1350
12	1350	1100	1100	1500	1000	11400	1250	1400	950	500	1500	1250
13	1350	1100	1000	1500	850	9100	1100	1300	950	500	1350	1050
14	1350	1100	1100	1350	1150	10200	1150	1150	1025	800	1350	1050
15	1350	1100	1150	1300	1800	9700	1100	1100	950	950	1250	950
16	1350	1100	1150	1250	2500	8900	1100	1050	1025	1125	1250	950
17	1250	1100	1150	1150	2550	9300	1000	1100	950	1050	1250	950
18	1250	1100	1150	1150	2450	8900	2600	1100	700	1125	1350	950
19	1250	1100	1150	1100	2550	6900	1600	1100	700	1250	1250	950
20	1150	1100	1050	1000	2950	5650	1500	1025	700	1250	1250	950
21	1150	1200	1000	1100	3050	6300	1600	1100	700	1250	1250	950
22	1150	1200	1000	900	4500	6000	1600	1175	800	1250	1350	950
23	1150	1200	1000	900	6200	6000	1350	1100	700	1125	1350	950
24	1150	1200	1000	850	6350	6000	1500	1175	675	1250	1125	950
25	1150	1200	1000	950	6400	6000	1500	950	700	1350	1250	950
26	1150	1100	1600	800	6400	6500	1800	1025	675	1350	1250	950
27	1150	1100	1800	550	6400	6700	1900	1025	600	1350	1125	950
28	1150	1100	2350	550	6000	4600	2000	1025	500	1125	1125	950
29	1150	1100	2400	600	8500	4400	2850	1100	600	1125	1125	950
30	1100	.....	3800	800	9000	4800	4050	950	700	1125	1125	950
31	1100	.....	3400	.....	9000	.....	3000	950	.....	1350	.....	950
Mean	1222	1110	1346	1265	3535	9125	1951	1291	968	910	1227	1046
Max.	1350	1200	3800	2000	9000	14200	4050	2675	1900	1350	1500	1350
Min.	1100	1000	900	550	850	4400	1000	950	500	400	1125	950
A. F.	75174	63888	82811	75273	217391	542983	120000	79389	57620	55934	75472	64964
Total	1,510,279 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT SCOTTSBLUFF, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	2600	11300	19000	2850	2600	*	*	*
2	.....	.....	.....	.....	2600	13200	18700	2800	2600	.....	.....	.....
3	.....	.....	.....	.....	2400	13200	18100	2750	2600	.....	.....	.....
4	.....	.....	.....	.....	2450	14000	17700	2500	2400	.....	.....	.....
5	.....	.....	.....	.....	2400	14200	17300	2400	2400	.....	.....	.....
6	.....	.....	.....	.....	2500	15700	16800	2000	2350	.....	.....	.....
7	.....	.....	.....	.....	2700	17000	14600	1900	2475	.....	.....	.....
8	.....	.....	.....	.....	2500	15600	13000	1950	2350	.....	.....	.....
9	.....	.....	.....	.....	2300	15200	12500	2050	3000	.....	.....	.....
10	.....	.....	.....	.....	2450	15100	11100	2700	3000	.....	.....	.....
11	.....	.....	.....	.....	2500	14000	9600	2600	3000	.....	.....	.....
12	.....	.....	.....	.....	2300	13600	9300	3100	2900	.....	.....	.....
13	.....	.....	.....	.....	2025	15300	9700	2525	2900	.....	.....	.....
14	.....	.....	.....	.....	2300	16600	9400	2450	2800	.....	.....	.....
15	.....	.....	.....	.....	3000	15500	9300	2075	2800	.....	.....	.....
16	.....	.....	.....	.....	3500	16600	8500	2025	2800	.....	.....	.....
17	.....	.....	.....	.....	4150	16800	8100	1975	2700	.....	.....	.....
18	.....	.....	.....	.....	5900	16900	7700	1900	2700	.....	.....	.....
19	.....	.....	.....	.....	6800	17100	7300	1900	2600	.....	.....	.....
20	.....	.....	.....	.....	5600	16200	7500	1900	2600	.....	.....	.....
21	.....	.....	.....	.....	7600	16200	7200	1900	2600	.....	.....	.....
22	.....	.....	.....	.....	7800	16900	6800	1900	2400	.....	.....	.....
23	.....	.....	.....	.....	9400	17100	6500	1875	2300	.....	.....	.....
24	.....	.....	.....	.....	8800	18500	5700	1850	2200	.....	.....	.....
25	.....	.....	.....	.....	7200	18700	3650	1850	2250	.....	.....	.....
26	.....	.....	.....	.....	6200	19200	3400	1925	2350	.....	.....	.....
27	.....	.....	.....	.....	7800	19600	3200	1975	2500	.....	.....	.....
28	.....	.....	.....	.....	10400	20000	3000	1975	2700	.....	.....	.....
29	.....	.....	.....	.....	9500	20600	3000	1950	2525	.....	.....	.....
30	.....	.....	.....	.....	10800	19300	2950	2150	2600	.....	.....	.....
31	.....	.....	.....	.....	12000	.....	2900	2350	.....	.....	.....	.....
Mean	.....	.....	.....	.....	5176	16310	9467	2122	2616	.....	.....	.....
Max.	.....	.....	.....	.....	12000	20600	19000	3100	3000	.....	.....	.....
Min.	.....	.....	.....	.....	2025	11300	2900	1850	2200	.....	.....	.....
A. F.	.....	.....	.....	.....	218302	970526	582157	134778	155704	.....	.....	.....
*No Record.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT SCOTTSBLUFF, NEBRASKA—1918

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	1600	3400	5000	5950	*	750	*	*	*
2	.....	.....	.....	1600	3400	4750	3900	2075	800	.....	.....	.....
3	.....	.....	.....	1600	3300	4900	3500	2025	950	.....	.....	.....
4	.....	.....	.....	1600	4500	5250	3300	1900	925	.....	.....	.....
5	.....	.....	.....	1600	5800	5650	3200	1750	900	.....	.....	.....
6	.....	.....	.....	1600	6100	6100	2350	1900	1600	.....	.....	.....
7	.....	.....	.....	1600	6300	6200	2750	2150	1025	.....	.....	.....
8	.....	.....	.....	1550	6550	6100	2650	2300	1075	.....	.....	.....
9	.....	.....	.....	1800	7600	5950	2200	2025	1150	.....	.....	.....
10	.....	.....	.....	1900	7600	5400	2100	2025	1400	.....	.....	.....
11	.....	.....	.....	1800	7800	5100	1950	2025	1450	.....	.....	.....
12	.....	.....	.....	1600	7400	4750	2700	1950	1550	.....	.....	.....
13	.....	.....	.....	1400	7650	4500	3250	1850	1525	.....	.....	.....
14	.....	.....	.....	1450	6800	4400	4300	1650	1325	.....	.....	.....
15	.....	.....	.....	1400	6650	4300	4900	2700	1500	.....	.....	.....
16	.....	.....	.....	1450	7000	4200	4800	2500	1700	.....	.....	.....
17	.....	.....	.....	1450	6300	4100	4400	2650	2050	.....	.....	.....
18	.....	.....	.....	2050	6200	4100	3700	2850	2100	.....	.....	.....
19	.....	.....	.....	2000	6100	4400	4000	2800	2100	.....	.....	.....
20	.....	.....	.....	2050	5850	6300	3250	1850	2150	.....	.....	.....
21	.....	.....	.....	1900	5650	6100	2950	1550	2150	.....	.....	.....
22	.....	.....	.....	1800	5750	5950	3250	1400	2200	.....	.....	.....
23	.....	.....	.....	1550	3000	8500	3250	1200	2200	.....	.....	.....
24	.....	.....	.....	1800	1650	8400	3300	1250	2250	.....	.....	.....
25	.....	.....	.....	2400	3450	9900	3400	1275	2300	.....	.....	.....
26	.....	.....	.....	2650	3700	9750	3250	1150	2400	.....	.....	.....
27	.....	.....	.....	3000	4100	9400	3150	1075	2350	.....	.....	.....
28	.....	.....	.....	2700	4600	8300	3000	1090	2300	.....	.....	.....
29	.....	.....	.....	3100	5100	8400	2600	1000	2000	.....	.....	.....
30	.....	.....	.....	3550	5090	7100	2400	900	2050	.....	.....	.....
31	.....	.....	.....	.....	5850	.....	2200	900	.....	.....	.....	.....
Mean	.....	.....	.....	1918	5469	6128	3287	1731	1655	.....	.....	.....
Max.	.....	.....	.....	3550	7800	9800	5950	2950	2400	.....	.....	.....
Min.	.....	.....	.....	1400	3300	4100	1950	900	750	.....	.....	.....
A. F.	.....	.....	.....	114150	333302	364666	202118	106464	98480	.....	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MINATARE, NEBRASKA—1916

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	1170	2820	940	3360	*	*	*	*
2	.....	.....	.....	.....	1370	2040	990	3000	.....	.....	.....	.....
3	.....	.....	.....	.....	1530	2170	1370	2170	.....	.....	.....	.....
4	.....	.....	.....	.....	1110	2460	1300	2170	.....	.....	.....	.....
5	.....	.....	.....	.....	1050	2310	1370	2310	.....	.....	.....	.....
6	.....	.....	.....	.....	1050	1810	1170	2460	.....	.....	.....	.....
7	.....	.....	.....	.....	1370	1810	1240	2460	.....	.....	.....	.....
8	.....	.....	.....	.....	1170	2040	1810	2460	.....	.....	.....	.....
9	.....	.....	.....	.....	1240	2040	1370	3270	.....	.....	.....	.....
10	.....	.....	.....	.....	1170	2040	1450	3360	.....	.....	.....	.....
11	.....	.....	.....	.....	850	2170	1710	3540	.....	.....	.....	.....
12	.....	.....	.....	.....	750	2310	1810	3360	.....	.....	.....	.....
13	.....	.....	.....	.....	750	4080	3000	3180	.....	.....	.....	.....
14	.....	.....	.....	.....	1050	4260	1810	3360	.....	.....	.....	.....
15	.....	.....	.....	.....	1050	2170	1710	3180	.....	.....	.....	.....
16	.....	.....	.....	.....	1370	2040	5070	3000	.....	.....	.....	.....
17	.....	.....	.....	.....	1300	4260	2820	2820	.....	.....	.....	.....
18	.....	.....	.....	.....	1735	3360	2820	2460	.....	.....	.....	.....
19	.....	.....	.....	.....	2170	3360	2385	2310	.....	.....	.....	.....
20	.....	.....	.....	.....	3900	3540	1975	2170	.....	.....	.....	.....
21	.....	.....	.....	.....	4260	3360	1910	2040	.....	.....	.....	.....
22	.....	.....	.....	.....	2820	3360	1810	1300	.....	.....	.....	.....
23	.....	.....	.....	.....	3540	3360	1710	1300	.....	.....	.....	.....
24	.....	.....	.....	.....	4620	3360	1615	1300	.....	.....	.....	.....
25	.....	.....	.....	.....	4260	3180	3180	1300	.....	.....	.....	.....
26	.....	.....	.....	.....	4620	1370	4260	1050	.....	.....	.....	.....
27	.....	.....	.....	.....	3900	1370	4260	1300	.....	.....	.....	.....
28	.....	.....	.....	.....	3900	1335	3360	1300	.....	.....	.....	.....
29	.....	.....	.....	.....	3720	1662	3360	1300	.....	.....	.....	.....
30	.....	.....	.....	.....	3540	990	4260	1300	.....	.....	.....	.....
31	.....	.....	.....	.....	2820	.....	4080	1370	.....	.....	.....	.....
Mean	.....	.....	.....	.....	2230	2550	2313	2298	.....	.....	.....	.....
Max.	.....	.....	.....	.....	4620	4260	5070	3540	.....	.....	.....	.....
Min.	.....	.....	.....	.....	750	990	940	1050	.....	.....	.....	.....
A. F.	.....	.....	.....	.....	138000	153000	143800	142500	.....	.....	.....	.....

\*No Record.





DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
MINATARE, NEBRASKA—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	1625	1150	775	750	500	1600	*	*
2	.....	.....	.....	.....	1625	900	850	2600	500	1600	.....	.....
3	.....	.....	.....	.....	1625	1150	900	1300	650	1700	.....	.....
4	.....	.....	.....	.....	1600	1625	900	1150	500	1825	.....	.....
5	.....	.....	.....	.....	1600	1800	1150	1000	575	1950	.....	.....
6	.....	.....	.....	.....	1550	1900	1300	1150	650	1950	.....	.....
7	.....	.....	.....	.....	1525	1900	1150	1000	675	1950	.....	.....
8	.....	.....	.....	.....	1525	1900	900	1000	700	1950	.....	.....
9	.....	.....	.....	.....	1500	2000	825	750	750	1825	.....	.....
10	.....	.....	.....	.....	1450	2000	750	750	650	1750	.....	.....
11	.....	.....	.....	.....	1375	2400	750	750	650	1600	.....	.....
12	.....	.....	.....	.....	1300	2150	750	750	650	1600	.....	.....
13	.....	.....	.....	.....	1200	1800	750	750	1500	1600	.....	.....
14	.....	.....	.....	.....	1100	1725	650	750	4000	1775	.....	.....
15	.....	.....	.....	.....	1000	1625	300	750	3500	1950	.....	.....
16	.....	.....	.....	.....	1000	1300	650	750	3200	1950	.....	.....
17	.....	.....	.....	.....	1000	1450	500	750	2750	1950	.....	.....
18	.....	.....	.....	.....	1000	1625	300	625	2500	1850	.....	.....
19	.....	.....	.....	.....	1000	2800	500	500	2200	1750	.....	.....
20	.....	.....	.....	.....	1000	3800	650	500	1900	1750	.....	.....
21	.....	.....	.....	.....	1000	3300	475	500	1600	1750	.....	.....
22	.....	.....	.....	.....	1000	1800	300	500	1700	1750	.....	.....
23	.....	.....	.....	.....	1000	1625	300	575	1750	1750	.....	.....
24	.....	.....	.....	.....	1000	1300	300	650	1600	1750	.....	.....
25	.....	.....	.....	.....	1000	1450	300	500	1600	1750	.....	.....
26	.....	.....	.....	.....	1025	1225	400	650	1750	1750	.....	.....
27	.....	.....	.....	.....	1025	1000	500	500	1950	1750	.....	.....
28	.....	.....	.....	.....	1050	1000	400	500	1775	1750	.....	.....
29	.....	.....	.....	.....	1050	1000	400	500	1600	1750	.....	.....
30	.....	.....	.....	.....	1300	.....	575	500	.....	2000	.....	.....
31	.....	.....	.....	.....	1227	1733	637	785	1578	1793	.....	.....
Mean	.....	.....	.....	.....	1625	3800	1300	2600	4000	2000	.....	.....
Max.	.....	.....	.....	.....	1000	900	300	500	500	1600	.....	.....
Min.	.....	.....	.....	.....	75472	103142	38174	48208	93869	110233	.....	.....
A. F.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
MINATARE, NEBRASKA—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	.....	1200	1400	8000	2000	2900	1300	*	*
2	.....	.....	.....	.....	1200	1000	7800	2500	2900	900	.....	.....
3	.....	.....	.....	.....	1200	1500	7800	3000	2700	680	.....	.....
4	.....	.....	.....	.....	1200	1600	7700	2700	2500	450	.....	.....
5	.....	.....	.....	.....	1200	1300	6700	2700	2700	350	.....	.....
6	.....	.....	.....	.....	1200	1000	5700	2400	2900	450	.....	.....
7	.....	.....	.....	.....	1300	1400	5500	2000	2700	450	.....	.....
8	.....	.....	.....	.....	1300	1300	5000	1900	2100	550	.....	.....
9	.....	.....	.....	.....	1300	1300	3500	1900	1900	550	.....	.....
10	.....	.....	.....	.....	1300	2600	2700	1700	1900	550	.....	.....
11	.....	.....	.....	.....	1300	4600	2500	1700	1400	620	.....	.....
12	.....	.....	.....	.....	1300	4150	2200	1500	1300	550	.....	.....
13	.....	.....	.....	.....	1300	5500	2100	1700	1300	550	.....	.....
14	.....	.....	.....	.....	1200	4900	2000	1700	1000	450	.....	.....
15	.....	.....	.....	.....	1200	6500	1800	1500	900	450	.....	.....
16	.....	.....	.....	.....	1200	6700	1500	1500	800	450	.....	.....
17	.....	.....	.....	.....	1100	6900	1100	1300	800	450	.....	.....
18	.....	.....	.....	.....	1100	7200	1500	1000	800	450	.....	.....
19	.....	.....	.....	.....	1100	7700	1600	800	700	620	.....	.....
20	.....	.....	.....	.....	1100	7700	2400	800	700	550	.....	.....
21	.....	.....	.....	.....	1100	8000	2600	800	620	550	.....	.....
22	.....	.....	.....	.....	1200	8000	2800	700	550	620	.....	.....
23	.....	.....	.....	.....	1300	9000	2400	600	620	620	.....	.....
24	.....	.....	.....	.....	1350	8500	1800	700	620	700	.....	.....
25	.....	.....	.....	.....	1350	7200	1600	1050	550	700	.....	.....
26	.....	.....	.....	.....	2300	7700	1200	1900	450	800	.....	.....
27	.....	.....	.....	.....	2300	8200	1800	3000	450	900	.....	.....
28	.....	.....	.....	.....	1800	8000	1950	3000	620	900	.....	.....
29	.....	.....	.....	.....	1400	8500	2400	2900	620	800	.....	.....
30	.....	.....	.....	.....	1400	8000	1900	2500	620	800	.....	.....
31	.....	.....	.....	.....	.....	8000	.....	2700	700	.....	.....	.....
Mean	.....	.....	.....	.....	1327	5315	3318	1811	1290	625	.....	.....
Max.	.....	.....	.....	.....	2300	9000	8000	3000	2900	1300	.....	.....
Min.	.....	.....	.....	.....	1100	1000	1100	600	450	350	.....	.....
A. F.	.....	.....	.....	.....	78943	326782	197457	111373	79379	37210	.....	.....

\*No Record.



DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
MINATARE, NEBRASKA—1925

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1800	1700	1250	1150	800	600	600	3100	1000	2350	1850	1400
2	1800	1700	1250	1200	700	550	550	3100	800	2900	1650	1500
3	1800	1700	1250	1250	700	500	550	2800	800	2600	1750	1500
4	1800	1700	1250	1500	600	500	650	2500	900	2200	1750	1300
5	1800	1700	1250	1150	600	420	800	2050	900	2000	1650	1400
6	1800	1700	1250	1400	600	500	950	1850	775	1250	1650	1400
7	1800	1700	1100	1700	550	3300	1050	1750	800	1750	1650	1500
8	1800	1700	1100	1850	600	4400	900	1850	900	1850	1550	1500
9	1800	1700	1250	1850	600	4600	900	1250	900	1800	1650	1400
10	1800	1700	1250	1700	900	4000	800	1250	950	1750	1650	1400
11	1600	1700	1850	1600	1000	3600	1240	1250	950	1850	1650	1400
12	1600	1700	1350	1400	1000	2300	1500	1250	1050	2000	1550	1400
13	1600	1700	1500	1300	750	1400	1750	1250	1600	1850	1550	1400
14	1600	1700	1400	1250	650	900	1500	1650	1850	1850	1250	1400
15	1600	1700	1400	1100	1250	900	1300	2000	2000	1750	1300	1400
16	1600	1700	1400	1100	1870	1400	1250	2100	1600	1750	1500	1400
17	1600	1700	1250	1150	1900	2600	1150	2100	1750	1750	1500	1400
18	1600	1700	1250	1250	7600	1600	1300	2100	1750	1650	2200	1400
19	1600	1700	1150	1150	5600	1000	1300	2200	1800	1550	1400	1400
20	1600	1700	1100	1150	3600	700	1100	2200	1850	1650	1500	1400
21	1600	1700	1100	1100	2950	550	1100	2100	1750	1550	1500	1400
22	1600	1700	1100	950	2100	550	1050	1600	1850	1550	1300	1400
23	1600	1700	1100	1100	1400	600	1300	1400	2000	1650	1300	1400
24	1600	1700	1100	1100	800	500	2950	1250	1950	1650	1300	1400
25	1600	1700	1100	950	800	500	2100	1050	1850	1550	1300	1400
26	1600	1700	1150	900	700	500	1500	1000	1950	1550	1300	1400
27	1600	1700	1100	900	700	550	1500	775	1850	1550	1500	1400
28	1600	1700	1100	950	900	600	2200	775	1850	1850	1500	1400
29	1600	-----	1100	800	700	700	2100	775	2200	2000	1300	1400
30	1600	-----	1100	800	600	750	2200	775	2450	2100	1300	1400
31	1600	-----	1200	-----	600	-----	2500	825	-----	2000	-----	1400
Mean	1664	1700	1213	1225	1423	1341	1343	1675	1490	1860	1526	1403
Max.	1800	1700	1500	1850	3600	4600	2950	3100	2450	2900	1850	1500
Min.	1600	1700	1100	800	550	420	550	775	900	1550	1300	1300
A. F.	102348	94414	74579	72893	87512	82454	82612	102993	88712	114448	90844	86282
Total	1,080,091 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
MINATARE, NEBRASKA—1926

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1600	1600	1300	1200	2150	4250	1250	2900	850	2400	1400	2100
2	1600	1600	1300	1500	2050	6250	2200	2600	700	3500	1400	2100
3	1600	1600	1400	1100	2700	6000	1550	2300	850	3650	1460	2100
4	1600	1600	1500	900	2700	5550	4550	2200	950	3000	1400	2100
5	1600	1600	1500	750	2850	5200	6000	2050	1350	2550	1400	2100
6	1600	1600	1800	750	3000	5150	4250	1900	1300	2400	1400	2100
7	1600	1600	1500	750	3150	4700	3900	1700	2300	2050	1400	2100
8	1600	1600	1400	1100	2550	4350	3900	1700	2650	2050	1400	2100
9	1600	1600	1400	1500	1500	3150	3650	3900	1900	2400	1400	2100
10	1600	1600	1500	1350	2850	2700	5250	1900	2550	2050	1400	2100
11	1600	1600	1500	1200	2850	2850	4900	2050	2700	1800	1700	2100
12	1600	1600	1300	1100	2700	2700	5900	2350	2800	1800	1700	2100
13	1600	1600	1500	1200	2550	2550	4900	3800	2900	1800	1700	2100
14	1600	1600	1300	1100	2550	3150	3900	3800	2700	1800	1700	2100
15	1600	1600	1400	1200	2500	3200	4100	2750	2700	1800	1700	2100
16	1600	1400	1300	1200	2400	7450	3900	2900	2550	1800	1700	2100
17	1600	1400	1300	1200	2400	7000	3900	2750	2400	1800	1700	2100
18	1600	1400	1300	1500	2150	7600	3350	2500	2400	1800	1700	2100
19	1600	1400	1100	3000	1700	7750	3350	2500	2100	1600	1700	2100
20	1600	1400	1100	3800	1200	6400	3000	2350	2100	1800	1700	2100
21	1600	1400	1300	4800	1550	5550	2500	1900	2150	1400	2000	2100
22	1600	1400	1300	4800	1350	5550	2250	1700	2150	1400	2000	2100
23	1600	1400	1400	4950	1500	4900	2900	1900	2100	1400	2000	2100
24	1600	1400	1400	4350	1500	4350	2250	2050	1900	1400	2000	2100
25	1600	1400	1400	3950	1350	4350	2200	1800	2000	1400	2000	2100
26	1600	1400	1500	3150	1000	5150	2400	1350	2200	1400	2000	2100
27	1600	1400	1600	3000	1700	3150	2500	1300	3100	1400	2000	2100
28	1600	1400	1500	2700	2200	2700	2700	1100	3000	1400	2000	2100
29	1600	-----	1400	2400	2500	2300	2850	1000	2900	1400	2000	2100
30	1600	-----	1300	2100	6200	1550	2700	950	2600	1400	2000	2100
31	1600	-----	1400	-----	7250	-----	2600	950	-----	1400	-----	2100
Mean	1600	1455	1393	2120	2432	4600	3383	2093	2173	1906	1770	†2100
Max.	1600	1600	1800	4950	7250	7750	6000	3800	3100	3650	2000	2100
Min.	1600	1400	1100	1100	1000	1550	1250	950	700	1400	1400	2100
A. F.	†98371	†83703	85687	126150	149556	273723	208069	128729	129621	117224	101158	129125
Total	1,358,399 Acre Feet.											

†Estimated.

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MINATARE, NEBRASKA—1927**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	2800	4500	1300	4300	4500	1250	5200	1850	1850
2	.....	.....	.....	2800	4700	1400	4150	6450	1250	3800	1850	1850
3	.....	.....	.....	2800	4500	2150	3500	6650	1150	3000	1850	1850
4	.....	.....	.....	2800	4700	2500	3800	6700	1250	2600	1850	1850
5	.....	.....	.....	2800	3900	2500	3800	6700	1250	2200	1750	1850
6	.....	.....	.....	2800	3400	2450	3700	6300	1250	2100	1850	1850
7	.....	.....	.....	2800	3500	2300	3350	5900	1250	2100	1950	1850
8	.....	.....	.....	2700	3700	2200	2800	5200	1450	2200	2100	1850
9	.....	.....	.....	2700	4350	2000	2270	4800	1450	2900	1850	1850
10	.....	.....	.....	2500	4350	1600	2000	4700	1450	3000	2100	1850
11	.....	.....	.....	2600	4350	1500	1800	4500	1500	2900	2100	1850
12	.....	.....	.....	2850	4350	1400	1100	4500	1450	2600	1850	1850
13	.....	.....	.....	3100	4700	1950	1100	4150	1850	2500	1850	1850
14	.....	.....	.....	.....	5050	1950	1100	3950	1850	2200	1750	1850
15	.....	.....	.....	3700	5850	2800	1000	4500	1850	1950	1750	1850
16	.....	.....	.....	4300	6000	2250	1050	5050	1850	1950	1850	1850
17	.....	.....	.....	3100	6050	2900	1500	3600	1850	1850	1850	1850
18	.....	.....	.....	3300	5850	5400	1500	5200	1950	5050	1950	1850
19	.....	.....	.....	3750	6000	4850	1100	3500	1850	3350	1850	1850
20	.....	.....	.....	4100	6250	4850	1500	2500	1650	2650	1850	1850
21	.....	.....	.....	3600	5850	5400	1500	2100	1450	2600	1850	1850
22	.....	.....	.....	3750	5400	6200	1350	1700	1450	2200	2100	1850
23	.....	.....	.....	4100	5050	6800	1500	1450	1450	2100	2350	1850
24	.....	.....	.....	3900	2900	6600	2000	1150	1450	1950	2200	1850
25	.....	.....	.....	3450	3700	6000	2500	1000	1450	1850	1950	1850
26	.....	.....	.....	3100	3100	5050	2700	1050	1650	1950	2025	1850
27	.....	.....	.....	3000	2500	4800	2700	1000	1950	1950	2100	1850
28	.....	.....	.....	3100	1900	4000	2500	1050	2600	1850	1950	1850
29	.....	.....	.....	3400	1600	4700	2700	1150	3800	1750	2100	1850
30	.....	.....	.....	4300	1300	5050	2700	1050	4700	1850	1950	1850
31	.....	.....	.....	.....	1250	.....	3500	1250	.....	1750	.....	1850
Mean	.....	.....	.....	3247	4245	3495	2334	3719	1753	2512	1941	1850
Max.	.....	.....	.....	4300	6250	6800	4300	6700	4700	5200	2350	1850
Min.	.....	.....	.....	2500	1250	1300	1000	1000	1150	1750	1950	1850
A. F.	.....	.....	.....	193192	261028	207970	143545	228697	104332	154514	115489	113753
*No Record.												

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT MINATARE, NEBRASKA—1928**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1500	1250	2250	2000	1400	9500	4550	3700	1300	1750	2100	1600
2	1500	1250	2600	1700	1700	10200	4200	2900	2650	1650	2100	1350
3	1500	1250	1900	1550	1450	11300	4200	2650	2050	1500	2100	1350
4	1500	1250	1000	1450	1450	12200	3550	2150	2650	1300	2100	1250
5	1500	1250	1100	1800	1800	13200	3250	2000	2250	1300	2100	1250
6	1500	1250	1250	2000	5000	14700	2000	2000	1600	1300	2000	1350
7	1500	1250	1100	1800	2600	12700	1800	1800	1300	1300	2000	1500
8	1500	1250	1100	1700	2400	14000	1450	1550	1300	1300	2000	1500
9	1500	1250	1100	1800	2250	14500	1900	1500	1400	1300	2000	1500
10	1500	1250	1100	1800	1700	14200	1700	1400	1600	1300	1975	1350
11	1500	1250	1100	1900	1200	13200	1350	2400	1500	1300	1975	1250
12	1500	1250	1150	1800	950	12700	1050	1800	1500	1300	2000	1250
13	1500	1250	1250	1800	1100	11400	950	1300	1275	1300	2000	1250
14	1500	1250	1150	1700	1300	10600	900	1100	1500	1500	2000	1350
15	1500	1250	1350	1450	2250	10600	1150	1200	1500	2300	2000	1350
16	1500	1250	1150	1450	2750	9400	950	1000	1600	2400	2000	1350
17	1500	1250	1150	1350	3000	8600	960	1200	1600	2300	2000	1350
18	1500	1250	1150	1250	3000	8700	1050	1200	1500	2050	2000	1350
19	1500	1250	1150	800	3400	8600	1900	1100	1500	2050	1975	1350
20	1500	1250	1000	800	3800	5700	1800	1000	1500	2050	1900	1900
21	1500	1250	1150	1250	4500	6300	2250	1000	1500	2000	1925	2000
22	1500	1250	1150	1250	5000	6000	2100	1300	1700	2000	1900	1600
23	1500	1250	1150	1250	5500	5700	2000	1300	1850	2000	1925	1600
24	1500	1250	1250	1100	7200	5700	2000	1400	1600	2000	1925	1600
25	1500	1250	1150	1350	7300	6000	2100	1400	1500	2025	1700	3300
26	1500	1250	1500	1450	7600	5800	2250	1500	1500	2025	1700	3300
27	1500	1250	1800	750	7900	8100	2500	1500	1250	2025	1900	3300
28	1500	1250	2300	1000	8000	4800	2800	1400	1250	2025	2000	2300
29	1500	1250	2550	1250	5500	4800	3700	2000	1500	2000	2000	2300
30	1500	.....	3600	1350	9800	5500	3100	1500	1600	2000	1975	3200
31	1500	.....	3100	.....	9300	.....	3550	1400	.....	2300	.....	2000
Mean	1500	1250	1509	1463	3950	9490	2225	1637	1610	1708	1975	1721
Max.	1500	1250	3600	2000	9800	14700	4550	3700	2650	2400	2100	3300
Min.	1500	1250	1000	750	950	4800	900	1000	1250	1300	1900	1250
A. F.	†92232	†71902	92827	87075	243177	564702	136861	100662	95852	105026	117571	105819
Total	1,813,706 Acre Feet.											
†Estimated on account of ice.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1915

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	*	1610	2820	2000	*	*	*
2	.....	.....	.....	.....	.....	.....	1580	2570	1800	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	1400	3700	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	1480	4480	1480	.....	.....	.....
5	.....	.....	.....	.....	.....	2410	1830	3250	1270	.....	.....	.....
6	.....	.....	.....	.....	.....	2490	2680	2730	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	3960	2490	3870	1780	.....	.....	.....
8	.....	.....	.....	.....	.....	4480	2280	3490	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	5360	2140	3020	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	5950	2680	2620	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	5250	2360	2840	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	4800	2360	2900	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	4360	2310	4780	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	3920	1670	6650	2790	.....	.....	.....
15	.....	.....	.....	.....	.....	3480	1750	6930	2960	.....	.....	.....
16	.....	.....	.....	.....	.....	3040	1610	4790	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	2600	1630	2650	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	2160	1610	2900	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	2060	1690	3160	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	2020	1880	3130	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	2000	2210	3070	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	2140	1930	2900	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	2240	1970	2790	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	2360	1690	3460	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	2160	1710	3310	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	4410	1880	3190	3190	.....	.....	.....
27	.....	.....	.....	.....	.....	3220	2790	3490	2790	.....	.....	.....
28	.....	.....	.....	.....	.....	2760	3220	3310	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	1930	3800	3190	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	1710	4200	2490	6160	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	3640	2160	.....	.....	.....	.....
Mean	.....	.....	.....	.....	.....	3200	2200	3400	42529	.....	.....	.....
Max.	.....	.....	.....	.....	.....	5950	4200	6930	3190	.....	.....	.....
Min.	.....	.....	.....	.....	.....	1710	1440	2160	1270	.....	.....	.....
A. F.	.....	.....	.....	.....	.....	165000	136000	212000	150450	.....	.....	.....

\* No Record.  
 † Estimated.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1916

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	1370	2760	1050	2760	1450	*	*	*
2	.....	.....	.....	.....	1150	2650	1065	2220	1670	.....	.....	.....
3	.....	.....	.....	.....	1110	2650	1060	1855	1150	.....	.....	.....
4	.....	.....	.....	.....	1200	2500	1060	1670	1150	.....	.....	.....
5	.....	.....	.....	.....	1260	2680	1155	2580	1600	.....	.....	.....
6	.....	.....	.....	.....	1150	2140	1060	2310	910	.....	.....	.....
7	.....	.....	.....	.....	1370	2360	1210	1855	1060	.....	.....	.....
8	.....	.....	.....	.....	1500	1855	1155	2660	1210	.....	.....	.....
9	.....	.....	.....	.....	1060	1855	1110	2610	1060	.....	.....	.....
10	.....	.....	.....	.....	1030	1825	1060	2940	1060	.....	.....	.....
11	.....	.....	.....	.....	1070	1760	1110	3120	1060	.....	.....	.....
12	.....	.....	.....	.....	1150	1710	1210	2580	1105	.....	.....	.....
13	.....	.....	.....	1380	850	2110	1520	2580	1060	.....	.....	.....
14	.....	.....	.....	1260	970	3150	1855	2500	1020	.....	.....	.....
15	.....	.....	.....	1260	1020	3335	2220	2580	990	.....	.....	.....
16	.....	.....	.....	1370	1260	4020	1855	2460	960	.....	.....	.....
17	.....	.....	.....	1670	1270	3300	1670	2580	1020	.....	.....	.....
18	.....	.....	.....	1590	1910	3300	1855	1200	1060	.....	.....	.....
19	.....	.....	.....	1670	2360	3370	2076	1260	1020	.....	.....	.....
20	.....	.....	.....	1660	3260	3335	2220	1855	960	.....	.....	.....
21	.....	.....	.....	1855	3550	3220	2040	1265	1020	.....	.....	.....
22	.....	.....	.....	1880	3840	3940	1855	1260	1040	.....	.....	.....
23	.....	.....	.....	1670	2760	3730	1670	2580	1000	.....	.....	.....
24	.....	.....	.....	1760	2940	2790	1590	1520	970	.....	.....	.....
25	.....	.....	.....	1660	3660	2610	1390	1060	940	.....	.....	.....
26	.....	.....	.....	1760	3840	2400	1450	1060	910	.....	.....	.....
27	.....	.....	.....	1850	3770	1670	2940	1670	1060	.....	.....	.....
28	.....	.....	.....	1855	3400	1400	2670	2580	1040	.....	.....	.....
29	.....	.....	.....	1520	3450	1143	2540	1855	1020	.....	.....	.....
30	.....	.....	.....	1520	3190	940	3560	2580	1020	.....	.....	.....
31	.....	.....	.....	.....	3300	.....	3480	1265	.....	.....	.....	.....
Mean	.....	.....	.....	.....	1620	2100	2550	1730	2094	.....	.....	.....
Max.	.....	.....	.....	.....	1880	3840	4020	3560	3120	.....	.....	.....
Min.	.....	.....	.....	.....	1260	850	940	1050	1060	.....	.....	.....
A. F.	.....	.....	.....	.....	58350	130200	153000	107200	129820	63960	.....	.....

\* No Record.



DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	1150	1950	1400	1150	750	625	1550	*	*
2	.....	.....	.....	1150	1950	1400	1050	1500	675	1525	.....	.....
3	.....	.....	.....	1150	1950	1400	1050	2750	700	1525	.....	.....
4	.....	.....	.....	1150	1800	1250	1150	1800	750	1800	.....	.....
5	.....	.....	.....	1050	1700	1700	1400	1500	825	2150	.....	.....
6	.....	.....	.....	950	1925	2050	1400	1400	900	2100	.....	.....
7	.....	.....	.....	1400	1850	2050	1250	1150	900	2000	.....	.....
8	.....	.....	.....	1450	1800	2050	1500	950	950	2000	.....	.....
9	.....	.....	.....	1450	1800	2125	1650	900	950	2000	.....	.....
10	.....	.....	.....	1250	1800	2200	1300	1050	1050	1850	.....	.....
11	.....	.....	.....	1250	1950	2050	1050	1050	950	1850	.....	.....
12	.....	.....	.....	1250	1950	2050	850	950	2500	1850	.....	.....
13	.....	.....	.....	1250	1800	2050	750	650	4500	1800	.....	.....
14	.....	.....	.....	1460	1700	1950	750	700	3300	1800	.....	.....
15	.....	.....	.....	1275	1550	1550	850	675	3000	1850	.....	.....
16	.....	.....	.....	1275	1250	1475	750	600	2600	1850	.....	.....
17	.....	.....	.....	1400	1125	1300	750	600	2450	1800	.....	.....
18	.....	.....	.....	1400	1150	1150	800	750	2400	1850	.....	.....
19	.....	.....	.....	1250	1150	1150	675	700	2250	2250	.....	.....
20	.....	.....	.....	1150	1125	1450	675	700	2050	2225	.....	.....
21	.....	.....	.....	1150	1125	2350	600	625	2050	2025	.....	.....
22	.....	.....	.....	1050	1250	3000	600	675	2050	1850	.....	.....
23	.....	.....	.....	1050	1150	2750	525	650	2050	1800	.....	.....
24	.....	.....	.....	1050	850	2200	450	600	2025	1800	.....	.....
25	.....	.....	.....	1050	675	1800	350	625	1800	1800	.....	.....
26	.....	.....	1400	1400	750	1650	350	675	1775	1800	.....	.....
27	.....	.....	1400	1400	1650	750	1300	300	700	1525	1800	.....
28	.....	.....	1400	1400	1700	850	1300	300	750	1525	1775	.....
29	.....	.....	1400	1400	1900	850	1150	350	600	1550	1800	.....
30	.....	.....	1250	1250	1950	850	1150	300	525	1550	1800	.....
31	.....	.....	1150	.....	.....	.....	.....	850	575	.....	1800	.....
Mean	.....	.....	1333	1305	1404	1748	831	908	1734	1860	.....	.....
Max.	.....	.....	1400	1950	1950	3000	1650	2750	4300	2250	.....	.....
Min.	.....	.....	1150	950	675	1150	300	525	625	1525	.....	.....
A. F.	.....	.....	15868	77674	86332	104035	51125	55836	103192	114389	.....	.....

\* No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	1500	2100	6000	6700	2100	2150	1100	*	*
2	.....	.....	.....	1300	2200	7200	6200	2700	2150	1350	.....	.....
3	.....	.....	.....	1300	2400	7400	4600	2600	2150	1350	.....	.....
4	.....	.....	.....	1500	2700	7200	3600	2500	2150	1350	.....	.....
5	.....	.....	.....	1500	3400	6000	3600	2200	2150	1450	.....	.....
6	.....	.....	.....	1700	4900	6000	3600	2000	2150	1600	.....	.....
7	.....	.....	.....	1700	5100	6000	3800	2200	2300	1550	.....	.....
8	.....	.....	.....	1500	6400	6000	3600	2200	2300	1700	.....	.....
9	.....	.....	.....	1400	7700	6000	3500	2200	2300	1700	.....	.....
10	.....	.....	.....	1300	9200	6000	3500	2200	2300	1700	.....	.....
11	.....	.....	.....	1400	9200	6500	3400	2200	2300	1700	.....	.....
12	.....	.....	.....	1400	10400	6700	3400	2000	2300	1700	.....	.....
13	.....	.....	.....	1300	10300	6700	3500	2000	2150	1700	.....	.....
14	.....	.....	.....	1500	10000	7400	3500	2000	2000	1700	.....	.....
15	.....	.....	.....	1700	11100	8600	3500	1900	1800	1700	.....	.....
16	.....	.....	.....	1800	10300	8600	3500	1900	1800	1700	.....	.....
17	.....	.....	.....	2100	9100	8100	3950	1600	1550	1700	.....	.....
18	.....	.....	.....	2000	8100	8600	4100	1450	1600	1700	.....	.....
19	.....	.....	.....	2400	6200	9400	4100	1450	1500	1700	.....	.....
20	.....	.....	.....	2500	6200	10100	4500	1450	1400	1700	.....	.....
21	.....	.....	.....	2500	6200	10200	3800	1100	1400	1700	.....	.....
22	.....	.....	.....	2100	6200	10200	3500	1100	1400	1700	.....	.....
23	.....	.....	.....	2400	7400	10000	3400	1100	1400	1850	.....	.....
24	.....	.....	.....	2500	6700	9300	3100	1000	1300	1850	.....	.....
25	.....	.....	.....	2850	6000	8600	2700	1000	1100	1700	.....	.....
26	.....	.....	.....	2850	5100	8100	2600	900	1300	1600	.....	.....
27	.....	.....	.....	2500	5200	7600	2400	900	1300	1600	.....	.....
28	.....	.....	.....	2400	4600	7400	2400	1350	1200	1600	.....	.....
29	.....	.....	.....	2400	4800	6500	2300	2150	1100	1600	.....	.....
30	.....	.....	.....	2100	4800	6700	2100	2150	1100	1600	.....	.....
31	.....	.....	.....	.....	4300	.....	.....	2100	2150	1400	.....	.....
Mean	.....	.....	.....	1927	6396	6737	3569	1798	1770	1615	.....	.....
Max.	.....	.....	.....	2850	11100	10200	6700	2700	2300	1850	.....	.....
Min.	.....	.....	.....	1300	2100	6000	2100	900	1100	1100	.....	.....
A. F.	.....	.....	.....	114646	393328	454420	219474	110580	106545	100495	.....	.....

\* No Record.



DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1921

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	*	*	*	1350	3400	4800	5200	3200	1700	2200	1800	1400	
2				1350	3400	3100	4400	4100	1700	2850	1700	1400	
3				1600	1350	2400	3700	4400	1500	3850	1700	1400	
4				1500	1350	2300	3400	5200	4000	1500	2400	1100	1400
5				1500	1350	2100	5600	5200	4000	1500	2400	1700	1400
6				1500	1350	2000	5200	3900	3600	1500	2400	1700	1400
7				1500	1350	1800	6100	3100	3200	1500	2400	1700	1400
8				1500	1350	1800	8900	2900	3100	1500	2400	1700	1400
9				1500	1350	1900	10600	2700	2800	1500	2400	1700	1400
10				1500	1350	1900	14000	2200	2500	1500	2400	1700	1400
11				1500	1350	1900	17400	2300	1700	1000	2200	1700	1400
12				1500	1350	1900	16900	2200	2000	1700	2200	1700	1400
13				1500	1350	1900	17400	2100	1600	1500	2200	1700	1400
14				1500	1350	1800	15600	2100	1450	1950	2200	1700	1400
15				1500	1350	1700	15600	2100	1900	1800	2200	1700	1400
16				1500	1350	1600	16900	2100	1600	1700	2200	1700	1400
17				1500	1400	1600	16400	2300	1400	1700	2200	1700	1400
18				1500	1400	1700	16400	2300	1400	1800	2400	1700	1400
19				1500	1400	1900	23000	2200	1600	1800	2400	1700	1400
20				1400	1400	2000	18700	2300	1600	2000	2400	1700	1400
21				1350	1800	2000	18100	2400	1400	2000	2400	1700	1400
22				1350	2100	2000	18700	2500	1400	1800	2400	1700	1400
23				1350	1800	2100	19100	2900	1400	1800	2400	1600	1400
24				1350	1900	2600	17200	3000	1400	1950	2200	1600	1400
25				1400	2000	2600	15100	3200	1400	1800	2200	1600	1400
26				1400	2100	6600	15100	3200	1600	1800	2200	1600	1400
27				1400	2100	3900	15100	3200	1600	1850	2000	1600	1400
28				1400	2200	3200	15100	3200	1600	1700	2000	1600	1400
29				1400	2300	2900	7000	3300	1600	1700	2000	1600	1400
30				1350	2400	2800	6200	2800	1800	1700	2000	1600	1400
31				1350	2600	2800	2800	1700	1800	1800	1800	1400	1400
Mean				1358	1596	2332	12880	3022	2185	1710	2290	1673	1400
Max.				1600	2400	6600	23000	5200	4100	2000	2850	1800	1400
Min.				1350	1800	1600	3100	2100	1400	1500	1800	1600	1400
A. F.				83505	95010	143407	766424	185853	134382	101753	140828	99572	50900

\* No Record.  
† Estimated.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	1150	1000	6400	1850	2600	800	800	1500	1400
2				1150	1000	6600	1700	2600	1000	800	1500	1300
3				1150	900	6300	1700	2600	800	1000	1500	1200
4				1150	900	6100	2250	2600	800	1250	1500	1050
5				1150	900	5900	2150	2600	750	1300	1700	900
6				1000	900	5400	2250	2600	750	1250	1500	800
7				1150	900	4800	2400	2600	750	1000	1500	800
8				1150	1000	4600	2250	2400	500	1000	1800	700
9				1150	1000	3200	2400	2250	750	1050	1800	700
10				1150	1000	3100	2400	2000	800	1050	1800	600
11				1000	1500	2900	2400	1850	800	1050	1800	800
12				1000	1700	2900	2400	1700	900	1050	1800	1000
13				1150	4300	2150	2400	1300	800	1050	1650	1200
14				1150	4800	1700	2400	1300	800	1050	1600	1200
15				1350	4800	1300	2400	1300	750	1400	1600	1300
16				1350	5000	1200	2300	1450	750	1400	1600	1200
17				1350	5500	1000	2250	1300	800	1400	1550	1100
18				1500	6300	800	1700	1150	800	1400	1600	1100
19				1500	6700	900	1450	1000	900	1400	1500	1050
20				1500	7000	1100	1250	800	900	1400	1500	1050
21				1350	7400	1300	1150	750	900	1400	1500	1050
22				1350	7600	1500	1000	750	800	1250	1500	1100
23				1350	7500	1500	750	600	900	1200	1400	1200
24				1150	6100	1500	600	600	800	1200	1400	1200
25				1150	5900	1500	600	500	900	1200	1400	1250
26				1150	5400	1500	1000	500	900	1200	1500	1200
27				1900	5000	1500	1450	430	900	1200	1500	1100
28				2100	5700	1700	2400	430	1000	1600	1500	1100
29				2100	6600	1850	2400	430	1000	1500	1500	1000
30				1150	6800	1850	2600	600	800	1500	1500	1000
31				6800	6800	2600	2600	600	1500	1500	1000	1000
Mean				1298	4126	2801	1898	1383	823	1220	1516	1054
Max.				2100	7600	6600	2600	2600	1000	1600	1800	1400
Min.				1000	900	800	600	430	500	800	1400	600
A. F.				77357	253690	166713	116729	85072	48992	75075	90249	64860

\* No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1500	1150	560	1000	1800	3550	1800	4300	1150	12100	2100	1800
2	1700	1150	850	1200	1800	2700	1450	4100	1050	9750	2100	1800
3	1700	1150	850	1350	2000	2300	1350	2600	1050	6200	2000	2800
4	1700	1150	1050	1350	2150	2300	1250	4100	950	4400	2000	1550
5	1700	1150	1250	1350	2300	1150	1450	3600	850	3700	2000	1450
6	1650	1150	1150	1350	2150	1050	1350	3600	950	3050	2100	1450
7	1650	1150	1250	1350	2500	2300	1250	5000	950	2300	2100	1450
8	1650	1150	1250	1350	2500	4800	1250	4100	950	2400	2100	1550
9	1500	1150	1250	1350	2500	6850	1150	4100	950	3050	2100	1550
10	1500	1500	1250	1250	2500	7100	1700	3850	950	3050	2100	1550
11	1450	1500	1200	1150	2700	6850	1700	3600	850	2800	2100	1600
12	1400	1500	1150	1150	2500	6650	2500	3600	800	2450	2100	1750
13	1350	1500	1200	1150	2300	6650	1800	3150	800	2250	2300	1750
14	1350	1500	1250	1050	2000	5700	2300	2300	800	2100	2100	1750
15	1350	1500	1350	1050	2150	5450	2700	2300	800	2100	2100	1750
16	1350	1500	1250	1050	2150	5000	3150	3150	850	2000	2100	1750
17	1350	1500	1250	1050	2150	5000	3400	2300	950	2000	2100	1750
18	1350	1500	1250	1050	2000	3850	3600	2700	950	2900	2100	1750
19	1350	1500	1250	1050	2000	4800	3600	2300	950	1800	2100	1750
20	1350	1500	1150	1050	2000	3350	3400	2500	950	1800	2100	1750
21	1250	1600	1150	1050	2000	3350	3150	2150	950	1800	2000	1750
22	1250	1500	1050	2050	3150	3350	2700	2150	950	1800	2000	1750
23	1250	1400	1050	1250	3850	2350	2900	2150	2500	2100	2000	1750
24	1250	1300	1050	1450	3350	2900	3400	2000	2500	2100	1800	1750
25	1250	1200	1050	2000	7300	2500	3600	1800	2500	2100	1800	1750
26	1250	1100	1050	2150	6650	2150	4300	2000	2300	2100	1800	1750
27	1350	1000	1050	2000	5900	2150	5000	1800	2150	2300	2000	1750
28	1350	900	1150	2150	5200	2000	5450	1800	4800	2100	1800	1750
29	1250	.....	1150	2000	5000	2030	5300	1800	4100	2100	1800	1750
30	1200	.....	1150	1850	4550	1800	5900	1800	7100	2100	1800	1750
31	1200	.....	950	.....	4050	.....	5450	1150	.....	1800	.....	1750
Mean	1412	1316	1132	1353	3080	3765	2900	2866	1611	3038	2023	1725
Max.	1700	1600	1350	2150	7300	7100	5900	5000	7100	12100	2300	2800
Min.	1200	900	800	1000	1800	1050	1150	1150	800	1800	1800	1450
A. F.	86577	73092	69612	80520	189424	224036	178316	176234	95902	186846	120398	106117
Total	1,587,393 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1924

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1700	1850	1800	2000	6000	4800	2150	1850	1700	2775	2550	2000
2	1700	1700	1800	1800	9800	5500	3000	1750	1700	2550	2150	2000
3	1700	1800	2000	2000	9000	6000	3600	1800	1700	2400	2150	2000
4	1700	1900	2100	2030	9000	6000	3300	1800	1850	2400	2150	2000
5	1700	2000	1700	2000	9000	6000	2800	1800	1850	2150	2150	2100
6	1700	2100	2000	2100	10700	5500	2650	1950	1950	2150	2150	2000
7	1700	2150	1700	2150	12300	5500	2650	1950	1850	2100	2150	2000
8	1700	1700	1700	4200	12300	5500	2400	2150	1850	2000	2150	2100
9	1700	1400	1700	4400	11100	5500	2400	2150	1700	2150	2150	2000
10	1700	1650	1600	5400	9500	5500	2400	2300	1850	2300	2300	2000
11	1800	1900	1700	8300	8600	5300	2300	2300	2150	2150	2150	2000
12	1800	1600	1600	5700	8600	5000	2300	2400	2650	4300	2150	2000
13	1800	1450	1700	4000	7900	4600	2300	2500	3250	3000	2150	2000
14	1800	1450	1700	3600	9500	4200	2150	2500	3600	3000	2150	2000
15	1800	1700	2000	3800	4600	3300	2100	2400	4000	2700	2150	2000
16	1800	1600	1800	4400	3600	3300	2100	2400	3600	2550	2100	2000
17	1800	1700	2150	7500	4000	3300	2300	2400	3250	2550	2100	2000
18	1800	1700	1800	13200	5500	3500	2300	2400	3450	2700	1950	2000
19	1800	1700	1500	10700	7000	3000	2300	2100	3300	2700	1950	2000
20	1800	1200	1600	7200	5500	3100	2300	2100	3600	2850	2100	2030
21	1900	3000	1500	7200	4800	3100	2300	1900	3600	3150	2100	2000
22	1900	4000	2000	9000	4600	2800	2300	1850	3600	3150	2150	2000
23	1900	4000	1800	8200	4600	2500	2300	1850	3250	2850	2100	2000
24	1900	3300	1600	9000	4600	2300	2300	1900	3100	3150	1950	2000
25	1900	3000	1600	8300	4600	2300	2300	1900	3100	3150	1950	2000
26	2000	2150	1600	8800	4000	2150	2150	1700	3000	3150	2100	2000
27	2000	1850	1600	10000	4000	2150	2150	1700	3000	3000	2100	2000
28	2000	1700	1700	8800	4600	1950	2050	1700	3000	2950	1950	2000
29	2000	1700	1700	4900	4600	2050	2050	1700	2650	2700	2100	2000
30	2000	.....	1900	4900	4800	2050	1900	1650	2650	2700	1950	2000
31	1900	.....	2300	.....	5500	.....	1900	1650	.....	2700	.....	2000
Mean	1964	2032	1772	5855	7006	3918	2371	2016	2743	2713	2115	2100
Max.	2000	4000	2300	13200	12300	6000	3600	2500	4000	4300	2550	2100
Min.	1700	1450	1500	1800	3600	1950	1900	1650	1700	2000	1950	2000
A. F.	120795	116927	108993	348401	430816	233160	145787	123968	163242	166861	125853	123373
Total	2,208,176 Acre Feet.											

### DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1925

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2000	1900	1800	1600	800	550	550	2600	1000	2400	2700	1750
2	2000	1900	1800	1600	750	650	500	3200	950	2400	2550	1600
3	2000	1900	1800	1600	800	600	400	3400	950	2400	2200	1600
4	2000	1900	1800	1600	650	550	400	3100	950	2400	2000	1600
5	2000	1900	1800	1600	600	400	550	2500	950	2200	2000	1750
6	2000	1900	1800	1400	600	400	850	2300	950	2000	2000	1750
7	2000	1900	1800	1500	600	1700	950	2200	1050	1850	2000	1600
8	2000	1900	1750	1600	750	5400	950	1500	1150	1850	1850	1450
9	2000	1900	1700	1900	750	5500	1050	1500	1150	1850	1850	1450
10	2000	1900	1650	1900	800	5500	950	1500	1150	1750	2000	1450
11	2000	1900	1650	1900	1200	4700	950	1400	1150	2000	1850	1600
12	2000	1800	1600	1900	1400	3600	1400	1700	1300	2200	1750	1600
13	2000	1800	1600	1750	950	2350	1600	1850	1900	2200	1750	1600
14	2000	1800	1800	1600	650	1150	1600	1700	2400	2200	1750	1600
15	2000	1800	1700	1300	750	1050	1400	1850	2400	2200	1750	1600
16	2000	1800	1600	1300	1200	850	1050	2000	3150	1850	1750	1600
17	2000	1800	1600	1300	900	950	1050	2300	2950	2000	1750	1600
18	2000	1800	1600	1200	3100	2000	1050	2300	2550	2200	1750	1600
19	2000	1800	1800	1200	8500	1200	1150	2300	2400	2200	1750	1600
20	2000	1800	1600	1200	3600	950	1150	2300	2200	2000	1600	1600
21	1900	1800	1600	1200	3800	750	1050	2300	2200	1850	1450	1600
22	1900	1800	1650	1160	2500	600	1150	2000	2200	1750	1750	1600
23	1900	1800	1550	1150	1700	600	1150	1700	2200	1750	1750	1600
24	1900	1800	1500	1150	1400	500	1500	1550	2400	1750	1750	1600
25	1900	1800	1500	900	1400	400	2300	1400	2400	1750	1750	1600
26	1900	1800	1500	800	850	400	2000	1050	2400	1750	1600	1600
27	1900	1800	1500	800	750	600	1700	950	2400	1550	1800	1600
28	1900	1800	1500	800	750	600	2000	850	2400	2500	1750	1600
29	1900	.....	1500	800	750	600	2100	850	2400	2100	1750	1600
30	1900	.....	1650	800	600	600	2200	850	2400	2100	1750	1600
31	1900	.....	1700	.....	550	.....	2400	950	.....	2400	.....	1600
Mean	1864	1835	1651	1316	1437	1523	1261	1869	1870	2030	1856	1600
Max.	2000	1900	1800	1900	8500	5500	2400	3400	3150	2400	2700	1750
Min.	1900	1800	1500	800	550	400	400	850	950	1750	1450	1450
A. F.	120795	101951	101555	78948	88067	90645	77554	114944	111175	124960	104809	98381
Total	1,213,184 Acre Feet.											

### DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1926

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2000	2200	1700	1300	2150	6500	2000	3050	1200	2600	1950	2200
2	2000	2200	1700	1300	2150	6050	1600	2900	1200	2900	1950	2200
3	2000	2200	1700	1300	2150	5650	2200	2750	1400	4300	1950	2200
4	2000	2200	1700	1250	2250	5250	2000	2600	1800	4000	1950	2200
5	2000	2200	1700	1250	2400	5100	3400	2300	1700	3400	1950	2200
6	2000	2200	1700	1250	2700	5100	3200	1950	3050	3200	1950	2200
7	2000	2200	1700	1300	3000	4900	3900	1950	2300	3050	1950	2200
8	2000	2200	1700	1450	2400	4900	4300	1800	2900	2900	1950	2200
9	2000	2200	1700	1810	2850	4250	4500	1800	3200	2750	1950	2200
10	2000	2200	1700	1600	3000	3550	4500	1800	3200	2750	1950	2200
11	2000	2200	1700	1600	3000	3200	5300	2050	3200	2400	1950	2200
12	2000	2200	1700	1700	3000	3200	6650	2300	3400	2400	1950	2200
13	2000	2200	1700	1700	2600	3400	5850	3050	3600	2400	1950	2200
14	2000	2200	1700	1600	2600	3400	5050	3600	3400	2400	1950	2200
15	2000	2200	1700	1600	2400	3550	4500	3600	3050	2400	1950	2200
16	2000	2200	1700	1600	2400	3700	4100	3050	2900	2400	1950	2200
17	2000	2200	1700	1600	2400	7050	4100	2900	2750	2400	1950	2200
18	2000	2200	1700	1600	2250	6900	3900	2600	2600	2400	1950	2200
19	2000	2200	1700	2200	2150	6900	3550	2600	2600	2400	1950	2200
20	2000	2200	1700	2900	2150	6050	3200	2300	2600	2400	1950	2200
21	2000	2200	1700	4000	2150	5300	3050	2200	2800	2100	1950	2200
22	2000	2200	1700	4350	1650	4650	2800	2050	2400	2100	1950	2200
23	2000	2200	1700	4800	1650	4500	2600	2050	2300	2100	1950	2200
24	2000	2200	1700	4150	1650	4500	2600	2200	2200	2100	1950	2200
25	2000	2200	1700	3900	1650	4250	2600	2200	2200	2100	1950	2200
26	2000	2200	1700	3700	1150	4100	2800	2050	2450	2100	1950	2200
27	2000	2200	1700	3200	1050	3700	2900	1950	2600	2100	1950	2200
28	2000	2200	1700	2800	2000	3400	3050	1800	2900	2100	1950	2200
29	2000	.....	1700	2500	2150	2900	3050	1700	2900	2100	1950	2200
30	2000	.....	1700	2200	2150	2350	3050	1600	2900	2100	1950	2200
31	2000	.....	1700	.....	5300	.....	3050	1400	.....	2100	.....	2200
Mean	2000	2200	1700	2250	2340	4675	3527	2327	2550	2540	1950	2200
Max.	2000	2200	1700	4800	5300	7050	6650	3600	3600	4000	1950	2200
Min.	2000	2200	1700	1250	1050	2350	1600	1400	1200	2100	1950	2200
A. F.	122977	126547	104530	103906	143902	278185	216895	143109	151737	156200	116034	135274
Total	1,799,296 Acre Feet.											
†	Estimated.											

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DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1927

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1800	2000	2600	2900	4000	1850	4100	6250	1700	5800	1850	2000
2	1800	2000	2600	2500	5000	1750	3500	6750	1700	5550	1850	2000
3	1800	2000	2600	2400	5000	2400	3300	7250	1700	3700	1750	2000
4	1800	2000	2600	2300	4750	2650	3300	7250	1700	3150	1850	2000
5	1800	2000	2600	2200	4500	2800	3500	7250	1600	2700	2000	2000
6	1800	2000	2400	2000	4500	3000	3500	7250	1550	2550	2000	2000
7	1800	2000	2000	2400	4100	2800	3400	7000	1700	2450	2050	2000
8	1800	2000	1800	2400	3850	2650	2800	6500	1800	2450	2050	2000
9	1800	2000	1800	2400	4500	2650	2400	5800	1800	2450	2200	2000
10	1800	2000	1800	2400	5000	2150	2000	5250	1850	2800	2300	2000
11	1800	2600	1800	2400	4500	2150	1850	4800	1850	3150	2200	2000
12	1800	2600	1800	2500	5000	2150	1750	4800	2000	2800	2000	2000
13	1800	2600	1800	2900	4250	2250	1500	4550	2100	2550	2000	2000
14	1800	2600	1800	1800	5500	2500	1500	4300	2000	2450	1850	2000
15	1800	2600	1800	2900	6000	2800	1500	4300	2300	2300	2000	2000
16	1800	2600	1600	3000	6500	3150	1500	4550	2300	2300	2000	2000
17	1800	2600	1500	3400	6750	3500	1500	6250	2300	2300	2200	2000
18	1800	2600	1500	3500	6250	4050	1650	5750	2300	2950	2450	2000
19	1800	2600	1500	4300	6250	5500	1650	4500	2300	4500	2300	2000
20	1800	2600	1600	4300	6500	5750	1650	3500	2200	3500	2300	2000
21	1800	2600	2000	3700	6500	6000	1650	2550	2200	2800	2300	2300
22	1800	2600	2000	3500	5750	6750	1800	2200	2100	2800	2250	2300
23	1800	2600	1600	3500	5750	7500	1950	1800	2100	2550	2200	2300
24	1800	2600	1800	3500	5750	6250	2000	1600	2100	2400	2200	2300
25	1800	2600	1800	3200	3650	5250	2400	1550	2100	2200	2125	2300
26	1800	2600	1800	2900	3150	5750	2700	1550	2300	2050	2050	2300
27	1800	2600	1700	2600	2700	4500	2700	1550	2300	2050	2050	2300
28	1800	-----	1500	2600	2450	4000	2700	1700	2700	2050	2200	2300
29	1800	-----	1500	2600	2200	4300	2700	1700	3300	2050	2050	2300
30	1800	-----	1600	3100	2000	4500	2800	1900	4500	2050	2050	2300
31	1800	-----	2000	-----	1900	-----	3300	1900	-----	2000	-----	2300
Mean	1800	2385	1896	2870	4661	3776	2405	4317	2148	3819	2089	2106
Max.	1800	2600	2600	4300	6750	7500	4100	7250	4500	5800	2450	2300
Min.	1800	2000	1500	2000	1900	1750	1500	1800	1550	2000	1750	2000
A. F.	110679	132497	116620	170779	286615	224730	147870	265491	127836	173358	124315	129522
Total	2,010,312		Acre Feet.									

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2000	1600	1800	3700	1150	9300	6700	4500	1600	1900	2000	2200
2	2000	1600	1800	2300	1490	10300	5600	4000	2300	1900	2000	2500
3	2000	1600	1800	2000	2000	11300	5600	3100	2300	1800	2500	2400
4	2000	1600	1800	1700	2000	12500	4500	3100	1800	1800	2500	2200
5	2000	1600	1800	2150	1850	12900	3500	2800	2450	1800	2500	2100
6	2000	1600	1800	2300	3500	14400	2800	2800	2000	1800	2500	2000
7	2000	1600	1800	2150	4200	13800	2050	2450	1600	1800	2500	2000
8	2000	1600	1800	2000	2500	13100	1800	2300	1500	1650	2200	2000
9	2000	1600	1800	2000	2700	13800	1600	1900	1400	1600	2200	2000
10	2000	1600	1800	2000	2300	14400	1600	1600	1600	1600	2500	2000
11	2000	1600	1950	1850	1700	13300	1500	2100	1650	1600	2500	2000
12	2000	1600	1950	1850	1300	12800	1500	2300	1600	1600	2200	2300
13	2000	1600	1950	2000	1200	11300	1450	1750	1500	1600	2200	2300
14	2000	1600	1950	1850	1700	9800	1450	1300	1500	1650	2200	2300
15	2000	1600	1950	1850	2700	11300	1350	1200	1600	2200	2200	2300
16	2000	1600	1950	1700	2700	10800	1250	1200	1650	2800	2000	2300
17	2000	1600	2000	1700	3100	10500	1250	1200	1800	2600	2200	2300
18	2000	1600	2150	1700	3300	10800	2000	1200	1800	2450	2200	2300
19	2000	1600	2150	1550	3100	10900	2950	1200	1650	2300	2200	2100
20	2000	1600	1700	1400	3300	8000	3200	1125	1650	2300	2250	2100
21	2000	1600	1550	1400	3700	7400	3500	1050	1650	2300	2250	2100
22	2000	1600	1550	1550	4100	8000	3300	1050	1650	2200	2250	1400
23	2000	1600	1550	1400	4600	7400	3300	1250	1800	2200	2400	1400
24	2000	1600	1550	1400	7600	7200	3200	1400	1800	2200	2200	1400
25	2000	1600	1250	1250	8300	7400	3500	1450	1800	2200	2250	1300
26	2000	1600	1700	1250	8000	7400	3300	1500	1800	2200	2250	1200
27	2000	1600	2000	1000	9300	8500	3400	1500	1800	2200	2200	1200
28	2000	1600	2500	1000	8000	7400	4250	1550	1650	2200	2250	1200
29	2000	1600	2900	1000	8700	7000	4900	1500	1650	2200	2400	1200
30	2000	-----	3100	1000	11300	8000	5100	1700	1650	2200	2500	1200
31	2000	-----	3700	-----	11600	-----	5100	1700	-----	2200	-----	1200
Mean	2000	1600	1969	1733	4267	10336	3114	1896	1740	2033	2233	1887
Max.	2000	1600	3700	3700	11300	14400	6700	4500	2450	2800	2500	2500
Min.	2000	1600	1550	1000	1150	7200	1250	1050	1600	1600	2200	1200
A. F.	†122377	†92634	121092	103142	262417	615083	191407	116580	103538	125059	135869	117034
Total	2,106,232		Acre Feet.									

†Estimated on account of ice.



**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BROADWATER, NEBRASKA—1919**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	1550	2500	1550	1550	900	350	1800	*	*
2	.....	.....	.....	1200	2500	1800	1200	1200	475	1550	.....	.....
3	.....	.....	.....	1200	2250	1800	1200	1550	600	1350	.....	.....
4	.....	.....	.....	1550	2000	1550	1350	2000	600	1550	.....	.....
5	.....	.....	.....	1550	2000	1550	1550	1550	600	1550	.....	.....
6	.....	.....	.....	1550	2000	2000	1550	1200	900	2000	.....	.....
7	.....	.....	.....	1650	2250	2000	1350	1000	900	2250	.....	.....
8	.....	.....	.....	1825	2600	2250	1800	1000	1000	2250	.....	.....
9	.....	.....	.....	2000	2000	2550	1550	1100	900	2250	.....	.....
10	.....	.....	.....	1350	2000	2550	1550	1000	1000	2000	.....	.....
11	.....	.....	.....	1200	2000	2550	1550	900	900	2250	.....	.....
12	.....	.....	.....	1200	2000	2000	1350	900	900	2000	.....	.....
13	.....	.....	.....	1350	2000	2000	1350	700	1000	1800	.....	.....
14	.....	.....	.....	1800	1550	2000	1350	600	3700	1550	.....	.....
15	.....	.....	.....	1550	1800	1800	1200	600	3400	2500	.....	.....
16	.....	.....	.....	1350	1550	1350	1200	600	2800	2250	.....	.....
17	.....	.....	.....	1550	1550	1550	900	350	2500	2250	.....	.....
18	.....	.....	.....	1550	1350	1200	900	350	2500	2250	.....	.....
19	.....	.....	.....	1350	1200	1000	900	600	2500	2250	.....	.....
20	.....	.....	.....	1350	1200	1200	900	700	2000	2250	.....	.....
21	.....	.....	.....	1350	1200	1550	900	900	2000	2000	.....	.....
22	.....	.....	.....	1200	1200	2250	900	700	2250	2000	.....	.....
23	.....	.....	.....	1200	1000	3400	900	900	2250	2000	.....	.....
24	.....	.....	.....	1350	1000	2000	600	700	2000	1550	.....	.....
25	.....	.....	.....	1550	1000	1800	600	700	2000	1550	.....	.....
26	.....	.....	.....	1800	1000	1550	350	600	1800	1550	.....	.....
27	.....	.....	.....	1800	1200	1550	350	600	1550	1550	.....	.....
28	.....	.....	.....	2000	1200	1350	350	600	1350	1550	.....	.....
29	.....	.....	.....	2300	1200	1550	350	600	1550	1550	.....	.....
30	.....	.....	.....	2400	1200	1550	350	350	1800	1550	.....	.....
31	.....	.....	.....	.....	1200	.....	1200	350	.....	1550	.....	.....
Mean	.....	.....	.....	1554	1616	1833	1068	832	1609	1880	.....	.....
Max.	.....	.....	.....	2400	2500	3400	1800	2000	3700	2500	.....	.....
Min.	.....	.....	.....	1200	1000	1000	350	350	350	1350	.....	.....
A. F.	.....	.....	.....	92480	99373	109093	65654	51174	95733	115638	.....	.....

\*No Record.

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BROADWATER, NEBRASKA—1920**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	2300	4500	6500	2500	2700	*	*	*
2	.....	.....	.....	.....	2300	7500	7200	3700	2200	.....	.....	.....
3	.....	.....	.....	.....	2900	7000	6500	3700	2400	.....	.....	.....
4	.....	.....	.....	.....	3600	7500	5700	2500	2400	.....	.....	.....
5	.....	.....	.....	.....	4700	7500	5000	2500	2700	.....	.....	.....
6	.....	.....	.....	.....	5100	7500	5000	2500	3000	.....	.....	.....
7	.....	.....	.....	.....	5100	7000	4700	2200	1950	.....	.....	.....
8	.....	.....	.....	.....	5100	6600	4000	2100	2200	.....	.....	.....
9	.....	.....	.....	.....	4400	6200	3700	2000	2200	.....	.....	.....
10	.....	.....	.....	.....	1250	4400	7000	3700	2700	2300	.....	.....
11	.....	.....	.....	.....	1600	4400	7000	3700	3000	2300	.....	.....
12	.....	.....	.....	.....	1600	6600	7500	3500	2200	2400	.....	.....
13	.....	.....	.....	.....	1600	6600	7500	3500	1800	2400	.....	.....
14	.....	.....	.....	.....	1600	8000	7700	3500	1700	2400	.....	.....
15	.....	.....	.....	.....	1800	8000	8500	3600	1700	2200	.....	.....
16	.....	.....	.....	.....	1800	11800	9200	3600	2000	2000	.....	.....
17	.....	.....	.....	.....	1800	10000	8500	4500	1600	1600	.....	.....
18	.....	.....	.....	.....	2000	8800	8500	2600	1600	1600	.....	.....
19	.....	.....	.....	.....	2500	6900	10600	3400	1450	1600	.....	.....
20	.....	.....	.....	.....	3000	5700	11500	3600	1600	1600	.....	.....
21	.....	.....	.....	.....	3300	5700	11300	3600	2000	1600	.....	.....
22	.....	.....	.....	.....	2900	8000	10900	3600	1300	1600	.....	.....
23	.....	.....	.....	.....	2900	7500	9900	3000	850	1450	.....	.....
24	.....	.....	.....	.....	2900	6900	9500	4500	2000	1450	.....	.....
25	.....	.....	.....	.....	2900	5700	9200	3000	2700	1450	.....	.....
26	.....	.....	.....	.....	2900	5700	8500	3700	1800	1450	.....	.....
27	.....	.....	.....	.....	2300	5000	7800	4400	1300	1600	.....	.....
28	.....	.....	.....	.....	2300	5000	7500	3300	2200	1600	.....	.....
29	.....	.....	.....	.....	2300	5000	7100	3000	2000	1450	.....	.....
30	.....	.....	.....	.....	2300	3600	6500	2200	2000	1300	.....	.....
31	.....	.....	.....	.....	.....	3600	.....	2500	2200	.....	.....	.....
Mean	.....	.....	.....	.....	2284	5755	8100	4042	2109	1970	.....	.....
Max.	.....	.....	.....	.....	3300	11800	11500	7200	3700	3000	.....	.....
Min.	.....	.....	.....	.....	1250	2300	4500	2200	850	1300	.....	.....
A. F.	.....	.....	.....	.....	94315	353856	481990	248532	129720	117224	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BROADWATER, NEBRASKA—1921

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	2900	6800	6950	3700	1800	2200	*	*
2	.....	.....	.....	.....	2900	3800	5650	5200	1800	2200	.....	.....
3	.....	.....	.....	.....	2900	5700	5650	4700	1600	2200	.....	.....
4	.....	.....	.....	.....	2625	4700	6600	3700	1650	2400	.....	.....
5	.....	.....	.....	.....	2350	5750	5650	4200	1700	2550	.....	.....
6	.....	.....	.....	.....	2150	6800	4700	4700	1750	2200	.....	.....
7	.....	.....	.....	.....	2150	10100	4700	4200	1700	2200	.....	.....
8	.....	.....	.....	.....	1950	11100	3700	3900	1900	2100	.....	.....
9	.....	.....	.....	.....	1950	14200	3700	3900	1700	2100	.....	.....
10	.....	.....	.....	.....	1950	16400	3700	3900	1800	2050	.....	.....
11	.....	.....	.....	.....	1950	17500	3700	3800	1700	2050	.....	.....
12	.....	.....	.....	.....	1800	18300	3700	2250	1550	2050	.....	.....
13	.....	.....	.....	.....	1400	1600	18300	3700	2100	1400	2050	.....
14	.....	.....	.....	.....	1400	1800	19400	2500	1750	1400	.....	.....
15	.....	.....	.....	.....	1000	1800	19900	2250	1800	1450	.....	.....
16	.....	.....	.....	.....	1400	1950	20900	2200	1800	1525	.....	.....
17	.....	.....	.....	.....	1200	2150	21500	2250	1800	1525	.....	.....
18	.....	.....	.....	.....	1400	2400	20900	2200	1800	1550	.....	.....
19	.....	.....	.....	.....	1400	2625	25800	2300	1800	1550	.....	.....
20	.....	.....	.....	.....	1500	2600	21500	2900	1750	1550	.....	.....
21	.....	.....	.....	.....	1400	2600	22600	2525	1750	1550	.....	.....
22	.....	.....	.....	.....	3250	2600	23700	2200	6600	1550	.....	.....
23	.....	.....	.....	.....	1950	2100	23700	2250	1800	1550	.....	.....
24	.....	.....	.....	.....	1950	5200	20900	2250	1750	1750	.....	.....
25	.....	.....	.....	.....	1950	2100	17700	2225	1900	2000	.....	.....
26	.....	.....	.....	.....	2150	2350	16700	2850	1750	2200	.....	.....
27	.....	.....	.....	.....	2150	5700	14000	3200	1750	2200	.....	.....
28	.....	.....	.....	.....	2350	4700	11700	3700	1800	2200	.....	.....
29	.....	.....	.....	.....	2900	3800	10300	4600	1750	2200	.....	.....
30	.....	.....	.....	.....	2900	2900	7500	6600	1800	2200	.....	.....
31	.....	.....	.....	.....	.....	2900	.....	3700	1800	.....	.....	.....
Mean	.....	.....	.....	.....	1869	2693	15338	3703	2813	1733	.....	.....
Max.	.....	.....	.....	.....	2900	5200	25800	6950	6600	2200	.....	.....
Min.	.....	.....	.....	.....	1000	1600	3800	2200	1750	1400	.....	.....
A. F.	.....	.....	.....	.....	66745	162548	912708	227705	172961	103142	.....	.....
*No Record.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BROADWATER, NEBRASKA—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	1500	1900	8900	1500	2600	600	*	*	*
2	.....	.....	.....	1500	1500	8900	1900	2950	550	.....	.....	.....
3	.....	.....	.....	1500	1100	6800	2200	3300	600	.....	.....	.....
4	.....	.....	.....	1500	1400	6100	2050	2600	600	.....	.....	.....
5	.....	.....	.....	1500	1400	6100	1900	2600	600	.....	.....	.....
6	.....	.....	.....	1800	1100	6100	1900	2600	600	.....	.....	.....
7	.....	.....	.....	2300	1700	5400	1900	2600	600	.....	.....	.....
8	.....	.....	.....	1800	1900	4000	1500	2600	600	.....	.....	.....
9	.....	.....	.....	1500	1700	4000	1700	1950	600	.....	.....	.....
10	.....	.....	.....	1500	1500	3300	1700	1500	600	.....	.....	.....
11	.....	.....	.....	1400	850	2950	1700	1500	600	.....	.....	.....
12	.....	.....	.....	1400	4000	2600	1900	1500	600	.....	.....	.....
13	.....	.....	.....	1900	6100	1900	1760	1500	600	.....	.....	.....
14	.....	.....	.....	1850	6100	1500	1500	1500	600	.....	.....	.....
15	.....	.....	.....	1500	6100	1100	1500	1100	600	.....	.....	.....
16	.....	.....	.....	1500	6100	850	1500	1100	600	.....	.....	.....
17	.....	.....	.....	1500	8200	620	1500	1100	600	.....	.....	.....
18	.....	.....	.....	1500	8200	900	1500	1100	600	.....	.....	.....
19	.....	.....	.....	1400	8200	1200	1100	1100	600	.....	.....	.....
20	.....	.....	.....	1500	9300	1500	1100	1000	600	.....	.....	.....
21	.....	.....	.....	1500	9600	1500	1100	900	500	.....	.....	.....
22	.....	.....	.....	1500	10300	1500	1100	800	500	.....	.....	.....
23	.....	.....	.....	1500	9600	1300	850	700	750	.....	.....	.....
24	.....	.....	.....	1500	9000	1300	850	600	750	.....	.....	.....
25	.....	.....	.....	1500	8000	1300	850	450	750	.....	.....	.....
26	.....	.....	.....	1900	6800	1300	1300	350	800	.....	.....	.....
27	.....	.....	.....	2600	6100	1300	1900	400	800	.....	.....	.....
28	.....	.....	.....	2600	8200	1700	2600	400	800	.....	.....	.....
29	.....	.....	.....	1900	9000	1500	2350	450	800	.....	.....	.....
30	.....	.....	.....	1900	8200	1500	2350	500	800	.....	.....	.....
31	.....	.....	.....	.....	9600	.....	2600	600	.....	.....	.....	.....
Mean	.....	.....	.....	.....	1675	5572	2964	1693	1420	640	.....	.....
Max.	.....	.....	.....	.....	2600	10300	8900	2350	3300	800	.....	.....
Min.	.....	.....	.....	.....	1400	850	620	850	500	.....	.....	.....
A. F.	.....	.....	.....	.....	99671	342822	176373	104134	87373	38083	.....	.....
*No Record.												

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BROADWATER, NEBRASKA—1923**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1500	1200	900	1500	1900	2500	1900	5100	850	12100	2350	2400
2	1500	1200	900	1700	1900	1900	1850	4750	850	7870	2350	2400
3	1500	1200	900	1700	1900	1500	1850	4500	850	7300	2400	2400
4	1500	1200	900	1900	2500	1150	1700	4500	875	6500	2400	2300
5	1500	1200	1000	1700	3000	1500	1500	4500	850	5500	2400	2150
6	1500	1200	1000	1500	2750	1150	1300	4500	840	4800	2400	1850
7	1700	1200	1100	1500	2500	1150	1150	4800	1050	4200	2400	1850
8	1700	1200	1100	1500	2500	2500	650	4750	1100	4200	2800	1850
9	1700	1200	1200	1300	3000	4500	500	4600	1075	4200	2400	1850
10	1700	1200	1300	1100	1900	5800	850	4500	1100	4200	2400	1850
11	1700	1200	1300	1100	2500	7000	1300	3900	1025	4200	2800	1850
12	1700	1200	1300	1100	2500	7100	1900	3800	1000	3600	3050	1850
13	1700	1200	1300	800	1900	7400	1900	3800	1100	3100	3300	1900
14	1300	1200	1300	800	1900	6800	1900	2800	1000	2900	2800	1900
15	1300	1500	1300	1300	1900	5450	2500	3800	1000	2750	2400	1900
16	1300	1500	1300	1450	2400	5150	3900	3800	1125	2400	2400	1900
17	1300	1500	1300	1500	2400	5150	3800	2800	1500	2400	2400	1900
18	1300	1500	1400	1500	2400	4800	3800	3000	1700	2400	2400	1900
19	1300	1500	1400	1400	1900	4500	3800	2800	1900	2350	2400	1900
20	1300	1700	1300	1300	2400	4300	3000	2500	1800	2400	2400	1900
21	1300	1600	1200	1300	2500	3800	3800	2450	1900	2350	2150	1900
22	1300	1500	1200	1400	2500	3100	3000	2450	2400	2400	2150	1900
23	1300	1400	1200	1700	2650	2800	2800	1800	2200	2350	2400	1900
24	1300	1300	1100	1900	3100	3500	2850	1900	2500	2350	2450	1900
25	1300	1200	1100	1900	4100	4100	3000	1700	2500	2900	2400	1900
26	1200	1100	1100	1900	5150	3000	4200	1500	2500	2400	2400	1900
27	1200	1000	1100	1900	5750	3000	5300	1500	2500	2400	2400	1900
28	1200	900	1100	1900	5150	2500	5000	1500	3000	2700	2400	1900
29	1200	-----	1000	1900	4500	2450	5000	1150	4100	2800	2400	1900
30	1200	-----	1000	1900	3800	2400	5800	1100	8800	2550	2400	1900
31	1200	-----	1300	-----	3000	-----	5500	1000	-----	2400	-----	1900
Mean	1049	1385	1158	1511	2846	37316	2787	32693	1832	3779	2473	1958
Max.	1700	1700	1400	1900	5750	7400	5800	5100	8800	12100	3300	2400
Min.	1200	900	900	800	1900	1150	500	1000	850	2350	2150	1850
A. F.	86679	71406	71207	89952	175044	222053	171374	201028	109053	231871	147176	120398

Total 1,697,241 Acre Feet.  
 †Estimated on account of ice.

**DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT LISCO, NEBRASKA—1916**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	1550	2030	1065	3910	1835	*	*	*
2	-----	-----	-----	-----	1472	2730	1000	4110	1715	-----	-----	-----
3	-----	-----	-----	-----	1510	2350	1185	950	1715	-----	-----	-----
4	-----	-----	-----	-----	1530	1920	1250	2350	1715	-----	-----	-----
5	-----	-----	-----	-----	1530	1920	1250	990	1715	-----	-----	-----
6	-----	-----	-----	-----	1510	1700	1415	950	1835	-----	-----	-----
7	-----	-----	-----	-----	1510	1715	1415	970	1250	-----	-----	-----
8	-----	-----	-----	-----	1510	1510	1415	980	1185	-----	-----	-----
9	-----	-----	-----	-----	1430	1360	1415	2930	1250	-----	-----	-----
10	-----	-----	-----	-----	1760	1510	1360	1415	3420	1185	-----	-----
11	-----	-----	-----	-----	1670	1360	1460	1510	2530	1250	-----	-----
12	-----	-----	-----	-----	1550	1140	1550	1510	2930	1339	-----	-----
13	-----	-----	-----	-----	1550	1170	1550	1510	2530	1250	-----	-----
14	-----	-----	-----	-----	1510	1177	1920	1610	3420	1250	-----	-----
15	-----	-----	-----	-----	1415	1185	2790	1715	2930	1185	-----	-----
16	-----	-----	-----	-----	1480	1266	2930	1835	2930	1185	-----	-----
17	-----	-----	-----	-----	1550	1430	1944	1975	2350	1185	-----	-----
18	-----	-----	-----	-----	1810	1550	2930	1835	2530	1250	-----	-----
19	-----	-----	-----	-----	1863	1835	3910	1835	2350	1415	-----	-----
20	-----	-----	-----	-----	1975	3130	3420	1835	1975	1330	-----	-----
21	-----	-----	-----	-----	1760	4000	3420	1975	1835	1250	-----	-----
22	-----	-----	-----	-----	1810	5480	3420	1715	1610	1250	-----	-----
23	-----	-----	-----	-----	1810	5090	2930	1715	1610	1339	-----	-----
24	-----	-----	-----	-----	1810	2830	2530	1715	1510	1415	-----	-----
25	-----	-----	-----	-----	1920	3520	2150	1610	1330	1250	-----	-----
26	-----	-----	-----	-----	1800	5000	2150	1415	1330	1250	-----	-----
27	-----	-----	-----	-----	1860	4700	1835	2930	1330	1330	-----	-----
28	-----	-----	-----	-----	1690	4500	1510	2930	1330	1415	-----	-----
29	-----	-----	-----	-----	1715	4300	1330	2350	1415	1415	-----	-----
30	-----	-----	-----	-----	1715	3910	1250	3910	1715	1415	-----	-----
31	-----	-----	-----	-----	-----	3130	-----	4890	1715	-----	-----	-----
Mean	-----	-----	-----	-----	1720	2480	2218	1845	2040	1375	-----	-----
Max.	-----	-----	-----	-----	1975	5480	3910	4890	4110	1835	-----	-----
Min.	-----	-----	-----	-----	1415	1140	1250	1000	950	1185	-----	-----
A. F.	-----	-----	-----	-----	72250	153800	133000	114400	126500	82500	-----	-----

\*No Record.





DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT OSHKOSH, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	*	*	2700	1600	2500	*	*
2	.....	.....	.....	.....	.....	.....	.....	2450	1500	2500	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	2300	1700	2300	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	2300	1600	2500	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	2200	1500	2500	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	3100	2900	2700	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	3100	2500	2300	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	2700	2300	2200	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	2000	2300	2000	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	2200	2500	2000	.....	.....
11	.....	.....	.....	.....	4300	.....	.....	2300	2700	2300	.....	.....
12	.....	.....	.....	.....	3600	11000	.....	2450	2700	2000	.....	.....
13	.....	.....	.....	.....	4500	10500	.....	2300	2700	1700	.....	.....
14	.....	.....	.....	.....	3900	10500	.....	2300	2700	1900	.....	.....
15	.....	.....	.....	.....	3300	10500	.....	2300	2700	1700	.....	.....
16	.....	.....	.....	.....	4000	9800	.....	2200	2700	1700	.....	.....
17	.....	.....	.....	.....	7500	9200	.....	2000	3100	1600	.....	.....
18	.....	.....	.....	.....	8000	8500	.....	1900	2850	1700	.....	.....
19	.....	.....	.....	.....	8600	8500	.....	1700	2770	1900	.....	.....
20	.....	.....	.....	.....	11000	8500	.....	1700	2700	2200	.....	.....
21	.....	.....	.....	.....	11200	8500	.....	1600	2700	2200	.....	.....
22	.....	.....	.....	.....	11900	7900	.....	1650	2850	2200	.....	.....
23	.....	.....	.....	.....	12800	6700	.....	1700	2850	2300	.....	.....
24	.....	.....	.....	.....	13000	5500	.....	1500	2700	2450	.....	.....
25	.....	.....	.....	.....	14600	5500	.....	1400	2770	2300	.....	.....
26	.....	.....	.....	.....	15200	4300	.....	1500	2850	2450	.....	.....
27	.....	.....	.....	.....	14600	3900	.....	1500	2850	2450	.....	.....
28	.....	.....	.....	.....	14600	2700	.....	1500	2850	2700	.....	.....
29	.....	.....	.....	.....	.....	2700	.....	1700	2700	2300	.....	.....
30	.....	.....	.....	.....	.....	2700	.....	1600	2500	2700	.....	.....
31	.....	.....	.....	.....	.....	3100	.....	1900	.....	2850	.....	.....
Mean	.....	.....	.....	.....	9228	.....	7250	2125	2491	2219	.....	.....
Max.	.....	.....	.....	.....	15300	.....	11000	3100	.....	2850	.....	.....
Min.	.....	.....	.....	.....	3600	.....	2700	1400	.....	1600	.....	.....
A. F.	.....	.....	.....	.....	329459	.....	278682	126448	148247	156465	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT OSHKOSH, NEBRASKA—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	.....	2700	1450	8400	6500	5200	2250	2500	.....	1550
2	.....	.....	.....	2900	2700	1350	10200	4650	4600	1800	.....	2500
3	.....	.....	.....	2900	2700	1900	10200	4650	4100	2100	.....	2500
4	.....	.....	.....	2900	2700	2350	11600	4250	3700	2900	.....	2300
5	.....	.....	.....	2900	2700	2350	13500	3700	2900	2200	.....	2250
6	.....	.....	.....	2900	2700	2100	13800	3050	2500	2900	.....	2250
7	.....	.....	.....	2900	2700	3100	14200	2800	2500	2400	.....	2250
8	.....	.....	.....	2900	2700	4750	12800	2450	2200	1750	.....	2250
9	.....	.....	.....	2900	2700	2400	13500	2100	1900	1750	.....	2250
10	.....	.....	.....	2900	2700	2400	13500	2000	1900	1750	.....	2000
11	.....	.....	.....	2900	2300	2100	13500	2600	1600	1750	.....	1900
12	.....	.....	.....	2900	2300	1900	12800	2250	2900	1750	.....	1900
13	.....	.....	.....	2900	2300	2900	12200	1950	2500	1750	.....	2000
14	.....	.....	.....	2900	2300	2100	11000	2100	1900	1650	.....	2000
15	.....	.....	.....	2900	2300	2400	9700	2000	1600	1500	.....	3100
16	.....	.....	.....	2900	2000	3100	10400	1900	1100	1800	.....	2250
17	.....	.....	.....	2900	2000	2750	11000	2100	1350	2050	.....	2800
18	.....	.....	.....	2900	1900	4000	11000	2100	1350	2200	.....	2500
19	.....	.....	.....	2900	1900	3500	9700	2800	1200	2200	.....	2000
20	.....	.....	.....	2900	1800	4000	9000	3350	1100	2100	.....	2200
21	.....	.....	.....	2900	1900	3500	6000	3700	1200	2200	.....	2200
22	.....	.....	.....	2900	1700	4900	7800	3700	1100	2100	.....	2200
23	.....	.....	.....	2900	1900	4200	8100	3700	1100	2100	.....	2100
24	.....	.....	.....	2900	1800	6000	6800	3700	1100	2100	.....	2200
25	.....	.....	.....	2900	1500	8400	7500	3350	1200	2400	.....	2200
26	.....	.....	.....	2900	1500	8400	7800	3700	1350	2400	.....	2200
27	.....	.....	.....	2900	1600	8400	7800	3700	1500	2400	.....	2000
28	.....	.....	.....	2900	1500	7600	9600	4650	1350	2550	.....	2200
29	.....	.....	.....	2900	1350	8400	6500	4650	1600	2400	.....	2000
30	.....	.....	.....	2900	1350	8400	6500	5900	1600	2450	.....	2100
31	.....	.....	.....	2900	.....	10800	.....	4650	1900	.....	.....	2500
Mean	.....	.....	.....	2900	2138	4196	10213	3356	2003	2105	.....	2253
Max.	.....	.....	.....	2900	2700	10800	14200	6500	5200	2900	.....	3100
Min.	.....	.....	.....	2900	1350	1350	6500	1900	1100	1500	.....	1900
A. F.	.....	.....	.....	178316	127241	258053	607744	206383	123175	125258	.....	138547
Total	2,037,943 Acre Feet for ten months.											

\*No Record.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
BELMAR, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	14100	*	3000	1750	2400	*	*
2	-----	-----	-----	-----	-----	14100	-----	3000	1750	2400	-----	-----
3	-----	-----	-----	-----	-----	13700	-----	2900	1750	2400	-----	-----
4	-----	-----	-----	-----	-----	14600	-----	2700	1625	2400	-----	-----
5	-----	-----	-----	-----	-----	15700	-----	2550	1625	2400	-----	-----
6	-----	-----	-----	-----	-----	16100	-----	2900	2000	2300	-----	-----
7	-----	-----	-----	-----	-----	15200	-----	2900	2000	2300	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	2550	2000	2300	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	2400	2000	2300	-----	-----
10	-----	-----	-----	-----	-----	-----	14100	2100	2000	2300	-----	-----
11	-----	-----	-----	-----	-----	-----	13200	2100	2100	2000	-----	-----
12	-----	-----	-----	-----	-----	-----	11700	2550	2300	2000	-----	-----
13	-----	-----	-----	-----	-----	15700	10200	2700	2400	2000	-----	-----
14	-----	-----	-----	-----	-----	15700	9200	2900	2400	2000	-----	-----
15	-----	-----	-----	-----	2700	15700	8300	2700	2550	2000	-----	-----
16	-----	-----	-----	-----	2400	-----	7700	2900	2550	1900	-----	-----
17	-----	-----	-----	-----	2950	-----	7700	2550	2700	1900	-----	-----
18	-----	-----	-----	-----	3300	15700	7700	2400	2700	1900	-----	-----
19	-----	-----	-----	-----	4300	-----	7700	2300	2550	1900	-----	-----
20	-----	-----	-----	-----	5800	-----	7200	2400	2550	1900	-----	-----
21	-----	-----	-----	-----	6000	-----	7200	2300	2400	2000	-----	-----
22	-----	-----	-----	-----	6700	-----	6700	2100	2400	2000	-----	-----
23	-----	-----	-----	-----	8700	-----	6200	2000	2300	2000	-----	-----
24	-----	-----	-----	-----	9200	-----	6200	1975	2300	2300	-----	-----
25	-----	-----	-----	-----	10700	-----	5700	1950	2400	2300	-----	-----
26	-----	-----	-----	-----	9900	-----	5200	1950	2550	2300	-----	-----
27	-----	-----	-----	-----	10700	-----	4600	1750	2550	2300	-----	-----
28	-----	-----	-----	-----	8700	-----	3700	1900	2400	2300	-----	-----
29	-----	-----	-----	-----	9200	-----	3500	1900	2400	2300	-----	-----
30	-----	-----	-----	-----	12700	-----	3500	1900	2550	2300	-----	-----
31	-----	-----	-----	-----	13700	-----	3500	1750	-----	2400	-----	-----
Mean	-----	-----	-----	-----	7508	15117	7281	2386	2251	2177	-----	-----
Max.	-----	-----	-----	-----	13700	16100	14100	3000	2700	2400	-----	-----
Min.	-----	-----	-----	-----	2400	14100	3500	1750	1625	1900	-----	-----
A. F.	-----	-----	-----	-----	253194	329856	317756	146729	133985	133885	-----	-----

\*No record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
BELMAR, NEBRASKA—1918

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	3500	4750	6700	2900	1175	*	*	*
2	-----	-----	-----	-----	3500	5100	6700	2650	1350	-----	-----	-----
3	-----	-----	-----	-----	3000	5100	6300	2550	1175	-----	-----	-----
4	-----	-----	-----	-----	3000	4400	5000	2300	1150	-----	-----	-----
5	-----	-----	-----	-----	3000	4400	3900	2275	1350	-----	-----	-----
6	-----	-----	-----	-----	3000	5950	3450	2250	1350	-----	-----	-----
7	-----	-----	-----	-----	4400	5950	3450	3200	1175	-----	-----	-----
8	-----	-----	-----	-----	6350	5700	3000	2650	1175	-----	-----	-----
9	-----	-----	-----	-----	6350	6100	-----	2250	1150	-----	-----	-----
10	-----	-----	-----	-----	7150	6400	3000	2200	1450	-----	-----	-----
11	-----	-----	-----	-----	8000	5700	3000	2225	1175	-----	-----	-----
12	-----	-----	-----	-----	8000	5100	2800	-----	1175	-----	-----	-----
13	-----	-----	-----	-----	8900	4900	3000	-----	1700	-----	-----	-----
14	-----	-----	-----	-----	8900	4900	2300	2200	1900	-----	-----	-----
15	-----	-----	-----	-----	8900	6100	2600	2300	975	-----	-----	-----
16	-----	-----	-----	-----	8500	4100	2300	2200	1550	-----	-----	-----
17	-----	-----	-----	-----	7500	4000	4700	2200	1850	-----	-----	-----
18	-----	-----	-----	-----	6750	4800	3900	3200	1850	-----	-----	-----
19	-----	-----	-----	-----	6400	3350	3500	3600	1350	-----	-----	-----
20	-----	-----	-----	-----	7600	3600	3350	3200	1850	-----	-----	-----
21	-----	-----	-----	-----	6750	3600	3550	2750	1850	-----	-----	-----
22	-----	-----	-----	-----	6750	5400	3700	2650	1350	-----	-----	-----
23	-----	-----	-----	-----	6750	4250	3500	2300	1350	-----	-----	-----
24	-----	-----	-----	-----	7550	5400	3500	1900	1550	-----	-----	-----
25	-----	-----	-----	-----	5100	6350	4100	1600	2650	-----	-----	-----
26	-----	-----	-----	-----	3250	7500	3950	1550	-----	-----	-----	-----
27	-----	-----	-----	-----	2950	9500	4400	1250	3950	-----	-----	-----
28	-----	-----	-----	-----	2700	4400	9500	3950	1150	-----	-----	-----
29	-----	-----	-----	-----	3200	4400	8500	3600	1300	2950	-----	-----
30	-----	-----	-----	-----	3200	4400	8000	3200	1200	3200	-----	-----
31	-----	-----	-----	-----	4400	-----	-----	3175	1150	-----	-----	-----
Mean	-----	-----	-----	-----	2825	5737	5617	3786	2249	1665	-----	-----
Max.	-----	-----	-----	-----	3200	8900	9500	6700	3600	3950	-----	-----
Min.	-----	-----	-----	-----	2200	3000	3350	2300	1150	975	-----	-----
A. F.	-----	-----	-----	-----	22413	355839	334219	225276	129383	92480	-----	-----

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BELMAR, NEBRASKA—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	2500	1250	890	890	250	2500	*	*
2	.....	.....	.....	.....	2750	2000	1050	1250	250	2200	.....	.....
3	.....	.....	.....	.....	2750	2000	1250	1250	350	1750	.....	.....
4	.....	.....	.....	.....	2750	2250	1250	1500	350	1750	.....	.....
5	.....	.....	.....	.....	2750	2250	1250	2750	350	2200	.....	.....
6	.....	.....	.....	.....	2750	2250	1250	1750	400	2500	.....	.....
7	.....	.....	.....	.....	2750	2500	1250	1750	400	2500	.....	.....
8	.....	.....	.....	.....	2560	2750	1250	1500	400	2200	.....	.....
9	.....	.....	.....	.....	2250	2750	1250	1250	800	2200	.....	.....
10	.....	.....	.....	.....	2500	3200	1750	1250	800	2200	.....	.....
11	.....	.....	.....	.....	2750	3000	1750	1050	1050	2200	.....	.....
12	.....	.....	.....	.....	2750	2500	1250	1050	1050	2200	.....	.....
13	.....	.....	.....	.....	2500	2750	800	800	800	2700	.....	.....
14	.....	.....	.....	.....	2500	2250	550	1050	2000	2500	.....	.....
15	.....	.....	.....	.....	1750	2250	800	600	4500	2700	.....	.....
16	.....	.....	.....	.....	1625	1750	800	350	3500	2700	.....	.....
17	.....	.....	.....	.....	1500	1500	600	350	3200	2500	.....	.....
18	.....	.....	.....	.....	1500	1750	400	250	2700	2500	.....	.....
19	.....	.....	.....	.....	1250	1250	400	400	2700	2200	.....	.....
20	.....	.....	.....	.....	2400	1250	1050	400	400	2500	2200	.....
21	.....	.....	.....	.....	2000	1650	800	400	1250	2700	2500	.....
22	.....	.....	.....	.....	2000	1050	1250	400	1050	2700	2200	.....
23	.....	.....	.....	.....	2000	800	2250	350	800	2700	2200	.....
24	.....	.....	.....	.....	2000	1250	3200	350	800	2500	2000	.....
25	.....	.....	.....	.....	1750	1250	2750	250	600	2500	2200	.....
26	.....	.....	.....	.....	2000	1250	2250	250	600	2500	2700	.....
27	.....	.....	.....	.....	2000	1250	2000	250	600	2200	2700	.....
28	.....	.....	.....	.....	2000	1650	1250	150	600	2200	2700	.....
29	.....	.....	.....	.....	2250	1050	1250	200	600	2200	2700	.....
30	.....	.....	.....	.....	2500	1050	800	100	600	2500	2700	.....
31	.....	.....	.....	.....	.....	1250	.....	250	600	.....	2500	.....
Mean	.....	.....	.....	.....	2045	1868	2035	743	950	1785	2370	.....
Max.	.....	.....	.....	.....	2500	2750	3200	1750	2750	4500	2700	.....
Min.	.....	.....	.....	.....	1750	1050	800	100	250	250	1750	.....
A. F.	.....	.....	.....	.....	44629	114894	121093	45720	58414	105225	145787	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BELMAR, NEBRASKA—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	4100	7900	2700	1850	1850	*	*
2	.....	.....	.....	.....	.....	5000	8400	2900	2500	1800	.....	.....
3	.....	.....	.....	.....	.....	8400	9500	2900	2750	1700	.....	.....
4	.....	.....	.....	.....	.....	10500	6400	3900	1900	1550	.....	.....
5	.....	.....	.....	.....	.....	9500	6000	3100	2800	1700	.....	.....
6	.....	.....	.....	.....	.....	9000	5000	3400	2800	1850	.....	.....
7	.....	.....	.....	.....	.....	8400	5700	3200	2950	1850	.....	.....
8	.....	.....	.....	.....	.....	7400	5000	2900	3100	1200	.....	.....
9	.....	.....	*	.....	.....	6900	4400	2900	2900	1850	.....	.....
10	.....	.....	.....	.....	.....	6900	4400	2900	2900	1850	.....	.....
11	.....	.....	.....	.....	.....	6900	3400	2500	2800	1850	.....	.....
12	.....	.....	.....	.....	.....	7400	3400	2500	2900	1550	.....	.....
13	.....	.....	.....	.....	.....	8400	2900	2700	2500	1850	.....	.....
14	.....	.....	.....	.....	.....	7400	2900	2500	2500	1850	.....	.....
15	.....	.....	.....	.....	.....	8400	3400	2500	2500	1850	.....	.....
16	.....	.....	.....	.....	.....	9000	3600	2500	2500	1850	.....	.....
17	.....	.....	.....	.....	.....	9500	3900	2500	2500	1850	.....	.....
18	.....	.....	.....	.....	.....	9500	3400	2150	2150	1850	.....	.....
19	.....	.....	.....	.....	.....	.....	11800	3400	2150	1850	.....	.....
20	.....	.....	.....	.....	.....	9500	12900	3400	2150	2500	1850	.....
21	.....	.....	.....	.....	.....	9000	14300	3600	2150	2500	1850	.....
22	.....	.....	.....	.....	.....	9500	13200	3600	2150	2500	1850	.....
23	.....	.....	.....	.....	.....	9500	12900	3100	2150	1850	.....	.....
24	.....	.....	.....	.....	.....	9000	12900	2900	1300	2000	1550	.....
25	.....	.....	.....	.....	.....	9000	13200	3900	1150	2000	1550	.....
26	.....	.....	.....	.....	.....	7300	11700	2900	1300	2000	1850	.....
27	.....	.....	.....	.....	.....	6500	11700	3100	1300	2000	2150	.....
28	.....	.....	.....	.....	.....	6000	10100	3400	1550	1900	2150	.....
29	.....	.....	.....	.....	.....	5000	10100	3400	1550	1850	2500	.....
30	.....	.....	.....	.....	.....	4400	9000	2900	1550	1850	2150	.....
31	.....	.....	.....	.....	.....	5000	.....	2700	2150	.....	2150	.....
Mean	.....	.....	.....	.....	.....	7475	9547	4255	2363	2440	1855	.....
Max.	.....	.....	.....	.....	.....	9500	14300	9500	3400	2100	2500	.....
Min.	.....	.....	.....	.....	.....	4400	4100	2700	1300	1850	1550	.....
A. F.	.....	.....	.....	.....	.....	177920	568074	261263	145292	145182	114051	.....

\*No Record.



DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BELMAR, NEBRASKA—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1500	1500	1800	1500	1800	3900	2700	5400	1300	4800	3000	2200
2	1500	1500	1800	1650	1800	3300	2700	5700	800	7800	3000	1750
3	1500	1500	1800	1800	1800	2400	2400	5400	650	11700	3000	1750
4	1500	1500	1800	2050	2700	1900	2400	4500	800	9000	3000	1750
5	1500	1500	1800	2400	3300	1400	1750	4800	500	7200	3000	1750
6	1500	1500	1800	2400	3900	1800	1150	4400	500	7200	3000	2100
7	1500	1500	1800	2400	2900	1150	1150	4200	500	5700	3000	2500
8	1500	1500	1800	2400	3600	800	1000	4200	800	5100	3000	2400
9	1500	1500	1800	2400	3000	1150	800	4800	600	4200	3000	2400
10	1500	1500	1800	2900	2700	3900	600	4200	500	4200	3000	2400
11	1500	1500	1800	1800	2700	6700	890	5100	800	5100	3000	2400
12	1500	1500	1800	1800	3000	7500	1600	4800	1150	4800	3300	2400
13	1500	1500	1800	1800	3000	7700	1000	4500	800	4500	3300	2400
14	1500	1500	1800	1900	3150	9000	2400	4400	650	3850	3300	2400
15	1500	1500	1700	1800	3300	6900	2400	5400	1150	3850	3300	2500
16	1500	1500	1700	1650	3300	6900	3100	5300	1000	3300	3000	2500
17	1500	1500	1700	1450	2100	6000	3500	5400	1050	2900	2900	2500
18	1500	1500	1700	1300	2100	5900	4000	4800	1300	3000	2700	2500
19	1500	1500	1700	1160	2350	6000	3900	5200	1900	2700	2700	2500
20	1500	1500	1600	1300	2050	6200	3700	3600	2400	3000	2700	2500
21	1500	1500	1600	1150	2500	5400	4400	3300	2700	3000	2500	2500
22	1500	1500	1600	1500	3150	6300	4200	3300	3000	2700	2400	2500
23	1500	1500	1600	1300	4200	4200	3600	2400	3300	2400	2100	2500
24	1500	1500	1600	1800	5100	4500	3300	2400	3300	3000	2400	2500
25	1500	1500	1400	2400	4600	3900	3300	2300	3300	3300	2400	2500
26	1500	1500	1400	2700	6100	4200	4500	2400	3300	3500	2400	2500
27	1500	1500	1400	3000	7600	4200	3900	2050	3300	3300	2500	2500
28	1500	1500	1400	3300	9000	3000	5400	1900	3900	2700	2500	2500
29	1500	-----	1400	3300	5700	2700	5400	1800	3600	3000	2400	2500
30	1500	-----	1400	3000	5300	2750	5500	1800	4800	3100	2200	2500
31	1500	-----	1200	-----	3900	-----	5100	1800	-----	3000	-----	2500
Mean	1500	1500	1167	2043	3667	4388	2953	3888	1788	4416	2800	2358
Max.	1500	1500	1800	3300	9000	9000	5500	3700	4800	11700	3300	2500
Min.	1500	1500	1200	1150	1800	800	600	1800	500	2400	2200	1750
A. F.	92232	77356	96596	121588	225524	261128	181589	139111	106415	271541	166914	144993
Total	1,984,687 Acre Feet.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT BELMAR, NEBRASKA—1924

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2700	2700	5000	2400	8800	6800	2150	1750	1250	3500	2200	2100
2	2700	2700	3700	2500	8400	6800	2150	1750	1250	2800	2300	2100
3	2700	2700	2500	2500	11900	5600	2400	1950	1400	3800	2100	2100
4	2700	2700	2300	2000	9150	7150	2400	2150	1400	3500	2300	2100
5	2700	2700	2500	2500	9900	6800	3750	1750	1400	3800	2300	2100
6	2700	2700	2300	2300	12250	7150	3400	1950	1750	3800	2300	2100
7	2700	2700	2500	2000	13000	9200	3400	1950	1550	3800	2600	2100
8	2700	2700	2800	2300	12600	8400	2900	1950	1300	2950	2600	2100
9	2700	2700	2500	3500	13800	8300	3150	2150	1300	2650	2600	2100
10	2700	2700	3900	5900	12250	7600	2550	2150	1900	2650	2350	2100
11	2700	2700	3100	5900	11000	7600	2400	2150	2500	3200	2850	2100
12	2700	2700	2300	9900	11500	7200	2150	2150	2500	3400	2850	2100
13	2700	2700	2300	7500	11000	6800	2400	2450	2500	3600	2850	2100
14	2700	2700	2000	6300	10700	6400	2550	2450	2500	3800	2850	2100
15	2700	2700	2500	5500	10700	5600	2400	3000	2500	3300	2850	2100
16	2700	2700	2500	5500	6300	4500	2150	2700	4200	3300	2800	2100
17	2700	2700	2500	6700	4500	3750	2150	2700	4000	3200	2600	2100
18	2700	2700	2600	11000	6800	4500	2150	2700	3500	3500	2900	2100
19	2700	2700	2600	13400	9900	3750	2150	2450	4000	3500	2300	2100
20	2700	2700	2600	11500	9900	2600	2150	2450	4000	3500	2300	2100
21	2700	2800	2700	10000	7950	2550	2400	2200	4150	3500	2300	2100
22	2700	3500	2700	9100	7600	2900	2550	2200	4150	3100	2300	2100
23	2700	4000	2800	10700	7600	2900	2550	1850	4400	3100	2300	2100
24	2700	4500	2900	11000	7600	3150	2400	1650	4400	3100	2300	2100
25	2700	5000	3000	11900	7200	3150	2550	1450	4150	3100	2300	2100
26	2700	5300	3100	11500	6800	2900	2150	1400	4150	2900	2100	2100
27	2700	5700	3100	13400	6400	2900	2150	1400	4150	2900	2300	2100
28	2700	6100	2800	13900	7200	2550	2150	1750	3600	2900	2300	2100
29	2700	5700	2300	12300	6400	2400	1950	1750	3200	2600	2100	2100
30	2700	-----	2300	9100	6400	2150	1950	1250	3200	2900	2100	2100
31	2700	-----	2300	-----	7600	-----	1950	1250	-----	2900	-----	2100
Mean	2700	3331	2742	7466	9149	5051	2440	2097	2875	3275	2338	2100
Max.	2700	6100	5000	13900	13800	9200	3750	3000	4400	3800	2850	2100
Min.	2700	2700	2300	2000	4500	2150	1950	1250	2500	2650	2100	2100
A. F.	166019	191600	168597	444304	562520	306550	150051	128927	171076	201424	139143	129126
Total	2,759,337 Acre Feet.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
BELMAR, NEBRASKA—1925

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2000	2000	2200	2000	1450	1000	660	2300	1150	3500	4000	2300
2	2000	2000	2200	2000	1300	1000	660	2550	1025	3800	4200	2300
3	2000	2000	2200	2300	1150	900	800	3300	900	3500	4800	2100
4	2000	2000	2200	2000	1150	800	660	4500	1025	4500	3200	2100
5	2000	2000	2200	1800	1150	800	800	4100	1075	4000	4000	2100
6	2000	2000	2200	1800	900	600	800	3700	1150	4000	4000	2600
7	2000	2000	2200	2300	900	2300	900	3700	1150	3500	4000	2800
8	2000	2000	2200	2300	1150	2300	1000	2300	1150	3350	3200	2800
9	2000	2000	2200	2000	1450	3700	1150	2300	1150	3350	2900	2300
10	2000	2000	2200	2000	1300	6000	1150	1800	1150	3350	2900	2300
11	2000	2000	2200	2550	1150	5700	1150	1800	1150	2900	2900	2100
12	2000	2000	2200	2300	1150	5700	1150	2300	1150	2900	2300	2100
13	2000	2000	2200	2300	1000	5300	1300	2300	1950	2900	2300	2100
14	2000	2000	2200	2000	1650	3700	1450	2300	2300	2900	2300	2100
15	2000	2000	2200	2000	2000	2550	1800	2300	2300	2300	2300	2100
16	2000	2000	2200	2000	1650	2550	1800	2300	2300	2600	2300	2100
17	2000	2000	2200	1800	1800	1800	1650	2550	2900	2600	2300	2100
18	2000	2000	2200	1800	1900	1450	1450	2800	2900	2900	2300	2100
19	2000	2000	2200	1800	2000	2000	1300	2800	2900	2900	2300	2100
20	2000	2000	2200	1800	9300	2550	1300	2800	2600	2900	2500	2100
21	2000	2000	2200	1800	7300	1800	1300	2800	2600	2900	2300	2100
22	2000	2000	2200	1650	5700	1800	1150	2800	2900	2600	2800	2100
23	2000	2000	2200	1450	4100	1450	1450	2800	2900	2600	3100	2100
24	2000	2000	2200	1450	2000	1150	1300	2550	2900	2600	2800	2100
25	2000	2000	2200	1450	1800	1150	1150	2300	2900	2600	2600	2100
26	2000	2000	2200	1300	1450	900	1450	2300	2900	2300	2300	2100
27	2000	2000	2200	1150	1450	800	2300	2000	2900	1800	2300	2100
28	2000	2000	2200	1300	1450	660	2800	2000	2900	1800	2300	2100
29	2000	-----	2200	1450	1450	660	2800	1300	3350	2100	2600	2100
30	2000	-----	2200	1450	1150	660	2800	1300	3350	3200	2600	2100
31	2000	-----	2200	-----	1000	-----	2550	1150	-----	3600	-----	2100
Mean	†2000	†2000	†2200	1843	2072	2058	1418	2519	2095	2980	2893	2187
Max.	2000	2000	2200	2300	9300	6000	2800	4500	3350	4000	4800	2800
Min.	2000	2000	2200	1150	900	660	660	1150	900	1800	2300	2100
A. F.	122977	107109	135274	109637	127439	126527	87234	154911	123910	182977	172167	134673
Total	1,585,891 Acre Feet.											
†Estimated.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
LEMOYNE, NEBRASKA—1926

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	2000	3500	3500	4600	4050	1750	3750	2400	3200
2	-----	-----	-----	2000	2900	8100	4600	3700	1750	3750	2400	3200
3	-----	-----	-----	2000	2900	8100	4600	3700	1750	3750	2400	3200
4	-----	-----	-----	2000	2900	7500	4000	3700	2050	5000	2400	3200
5	-----	-----	-----	2000	2900	7500	4000	3100	2050	6200	2400	3200
6	-----	-----	-----	2000	3500	6950	4000	3100	2400	5000	2400	3200
7	-----	-----	-----	2000	6350	6950	6900	2850	2050	4300	2400	3200
8	-----	-----	-----	2000	5750	6950	5800	2850	2050	3750	2400	3200
9	-----	-----	-----	2500	5200	6950	5900	2600	2400	3250	2400	3200
10	-----	-----	-----	2500	4650	6950	6300	2450	2800	3250	2400	3200
11	-----	-----	-----	2500	4650	6350	6300	2450	3250	3250	2400	3200
12	-----	-----	-----	2500	4650	5750	5900	2450	3250	3250	2400	3200
13	-----	-----	-----	2500	4650	5200	6900	3100	3250	3250	2400	3200
14	-----	-----	-----	2500	4650	5200	9200	3100	3250	3250	2400	3200
15	-----	-----	-----	2500	4050	5200	7400	3100	4300	3250	2400	3200
16	-----	-----	-----	2400	4050	5750	5900	3730	3750	3250	2400	3200
17	-----	-----	-----	2000	4050	7000	6300	5000	3750	3250	2400	3200
18	-----	-----	-----	2000	4050	10400	5800	5000	4300	3250	2400	3200
19	-----	-----	-----	2000	4050	8700	5800	4050	3750	5250	2400	3200
20	-----	-----	-----	2000	4050	8700	5800	5000	3750	3250	2400	3200
21	-----	-----	-----	2400	2900	9850	5200	4050	3750	2600	2400	3200
22	-----	-----	-----	3500	2350	8700	5200	3750	3750	2600	2400	3200
23	-----	-----	-----	5600	1700	8100	4600	3750	3750	2600	2400	3200
24	-----	-----	-----	6800	1700	8100	2000	2650	3250	2600	2400	3200
25	-----	-----	-----	6800	1700	7500	3500	2850	3250	2600	2400	3200
26	-----	-----	-----	6200	1700	6950	4000	3100	2600	2600	2400	3200
27	-----	-----	-----	5600	2350	6950	4000	2850	2800	2600	2400	3200
28	-----	-----	-----	5600	2350	6350	4000	2050	3250	2600	2400	3200
29	-----	-----	-----	4900	2350	5750	4000	1750	3250	2600	2400	3200
30	-----	-----	-----	4100	3500	5200	4600	1750	3750	2600	2400	3200
31	-----	-----	-----	-----	3500	-----	4600	1750	-----	2600	-----	3200
Mean	-----	-----	-----	3246	3533	7038	5380	3213	3041	3322	†2400	†3200
Max.	-----	-----	-----	6800	6350	10400	9200	5000	4300	6200	2400	3200
Min.	-----	-----	-----	2000	1700	3500	3500	1750	1750	2600	2400	3200
A. F.	-----	-----	-----	193193	217292	418816	330847	197556	180994	204498	142812	196763
*No Record.												
†Estimated.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
LEMOYNE, NEBRASKA—1927

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	5250	2700	6500	2900	1800	4800	*	*
2	.....	.....	.....	.....	5250	2700	6300	4900	2350	7400	.....	.....
3	.....	.....	.....	.....	5250	2900	6300	7000	2550	7900	.....	.....
4	.....	.....	.....	.....	5250	3100	5200	9100	2100	7000	.....	.....
5	.....	.....	.....	.....	5250	3350	4800	10000	2100	5500	.....	.....
6	.....	.....	.....	.....	5550	3600	5100	8600	1950	4100	.....	.....
7	.....	.....	.....	.....	5550	4100	4500	10000	3150	4100	.....	.....
8	.....	.....	.....	.....	5550	4500	4100	9300	3400	3700	.....	.....
9	.....	.....	.....	.....	5550	3800	3300	9200	3750	3800	.....	.....
10	.....	.....	.....	.....	5550	3600	2550	8700	2700	3900	.....	.....
11	.....	.....	.....	.....	4900	3100	2500	8600	2500	4000	.....	.....
12	.....	.....	.....	.....	4300	2900	2500	6500	2600	4100	.....	.....
13	.....	.....	.....	.....	5550	3100	2550	6500	2500	.....	.....	.....
14	.....	.....	.....	.....	5200	2750	2550	6000	2900	.....	.....	.....
15	.....	.....	.....	.....	4900	2700	2550	6000	2700	.....	.....	.....
16	.....	.....	.....	.....	5900	3200	1950	5500	2900	.....	.....	.....
17	.....	.....	.....	.....	7150	3600	2100	5500	3150	.....	.....	.....
18	.....	.....	.....	.....	8150	4100	1700	7000	3200	.....	.....	.....
19	.....	.....	.....	.....	8200	3500	2000	9000	2900	.....	.....	.....
20	.....	.....	.....	.....	8200	5650	2100	8000	2700	.....	.....	.....
21	.....	.....	.....	.....	8200	6700	2100	7000	2900	.....	.....	.....
22	.....	.....	.....	.....	8000	6700	1950	3700	2900	.....	.....	.....
23	.....	.....	.....	.....	7700	6300	1950	2900	2700	.....	.....	.....
24	.....	.....	.....	.....	6850	8500	1950	2900	2500	.....	.....	.....
25	.....	.....	.....	.....	6500	9200	2100	2400	2400	.....	.....	.....
26	.....	.....	.....	.....	5250	9200	1950	2200	2350	.....	.....	.....
27	.....	.....	.....	.....	5800	7400	2300	1800	2400	.....	.....	.....
28	.....	.....	.....	.....	4100	6300	2550	1800	2400	.....	.....	.....
29	.....	.....	.....	.....	3800	5650	3000	1800	2350	.....	.....	.....
30	.....	.....	.....	.....	3300	4900	2600	1550	2900	.....	.....	.....
31	.....	.....	.....	.....	2900	.....	3000	1950	.....	.....	.....	.....
Mean	.....	.....	.....	.....	5564	4660	3116	5729	2656	5020	.....	.....
Max.	.....	.....	.....	.....	8260	9200	6500	10000	3750	7900	.....	.....
Min.	.....	.....	.....	.....	2900	2700	1700	1250	1800	3800	.....	.....
A. F.	.....	.....	.....	.....	342153	277293	191606	352269	158085	119605	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
KEYSTONE, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	13400	19000	3600	1950	*	*	*
2	.....	.....	.....	.....	.....	12300	18500	3100	1800	.....	.....	.....
3	.....	.....	.....	.....	.....	12300	19000	2650	1700	.....	.....	.....
4	.....	.....	.....	.....	.....	12300	19000	2650	1700	.....	.....	.....
5	.....	.....	.....	.....	.....	14000	19000	2800	2300	.....	.....	.....
6	.....	.....	.....	.....	.....	14500	17900	3100	2700	.....	.....	.....
7	.....	.....	.....	.....	.....	15600	18500	3300	3100	.....	.....	.....
8	.....	.....	.....	.....	.....	16200	17400	3100	1800	.....	.....	.....
9	.....	.....	.....	.....	.....	17400	15600	2650	*	.....	.....	.....
10	.....	.....	.....	.....	.....	14500	13400	2400	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	14000	12860	2650	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	14500	11100	2650	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	14000	10000	2400	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	13400	9400	2800	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	14000	8800	3100	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	2100	16200	8300	3100	.....	.....	.....
17	.....	.....	.....	.....	.....	2100	17400	7700	2800	.....	.....	.....
18	.....	.....	.....	.....	.....	2450	16800	7700	2400	.....	.....	.....
19	.....	.....	.....	.....	.....	3100	16800	6500	2400	.....	.....	.....
20	.....	.....	.....	.....	.....	4000	17400	6500	2400	.....	.....	.....
21	.....	.....	.....	.....	.....	6000	16200	6500	2400	.....	.....	.....
22	.....	.....	.....	.....	.....	8300	17900	6500	2300	.....	.....	.....
23	.....	.....	.....	.....	.....	6500	17400	6500	2300	.....	.....	.....
24	.....	.....	.....	.....	.....	7700	13000	6000	2100	.....	.....	.....
25	.....	.....	.....	.....	.....	8300	18500	5400	1950	.....	.....	.....
26	.....	.....	.....	.....	.....	16000	19000	5400	2300	.....	.....	.....
27	.....	.....	.....	.....	.....	11700	17900	6000	2300	.....	.....	.....
28	.....	.....	.....	.....	.....	10000	20200	4300	2300	.....	.....	.....
29	.....	.....	.....	.....	.....	10000	19600	4300	2400	.....	.....	.....
30	.....	.....	.....	.....	.....	8800	20200	4200	2400	.....	.....	.....
31	.....	.....	.....	.....	.....	12300	.....	.....	2200	.....	.....	.....
Mean	.....	.....	.....	.....	.....	7084	16096	10493	2616	2131	.....	.....
Max.	.....	.....	.....	.....	.....	12300	20200	19000	3600	3100	.....	.....
Min.	.....	.....	.....	.....	.....	2100	12300	4000	1950	1700	.....	.....
A. F.	.....	.....	.....	.....	.....	224829	957832	645232	160861	33818	.....	.....

\*No Record.





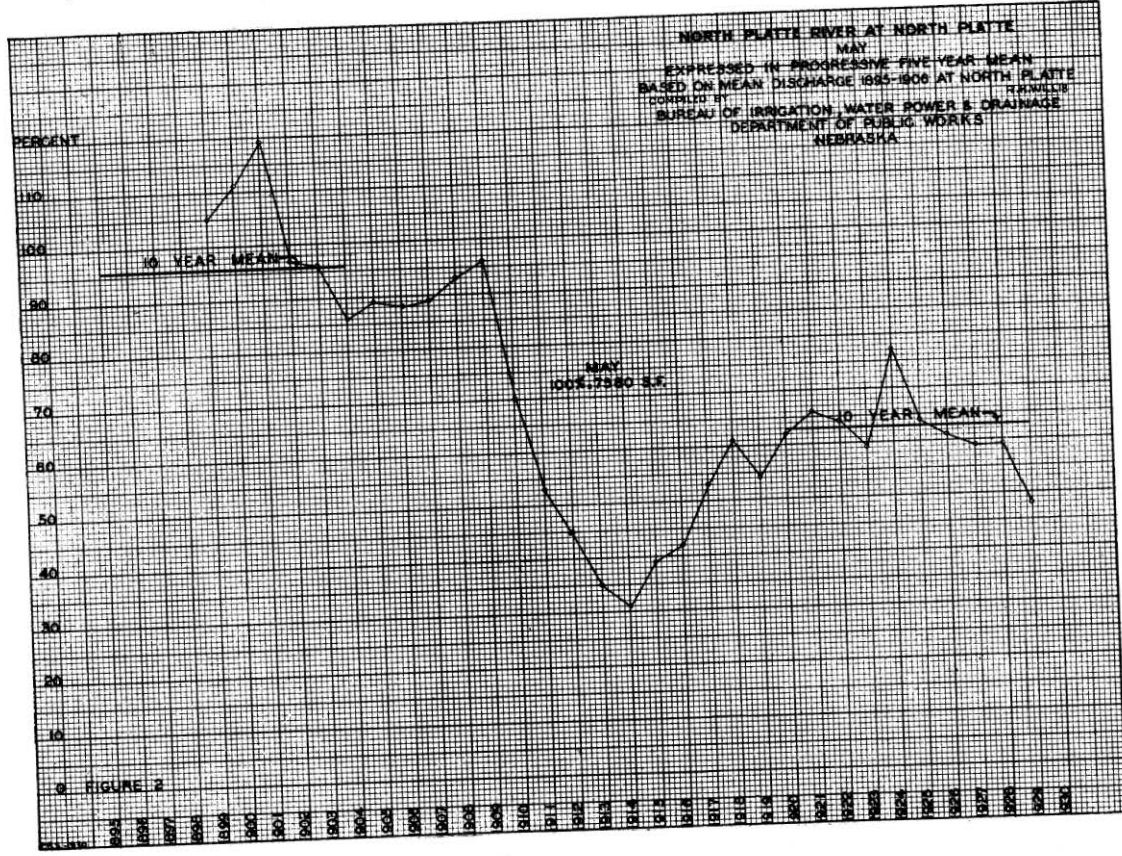


Fig. 2—May

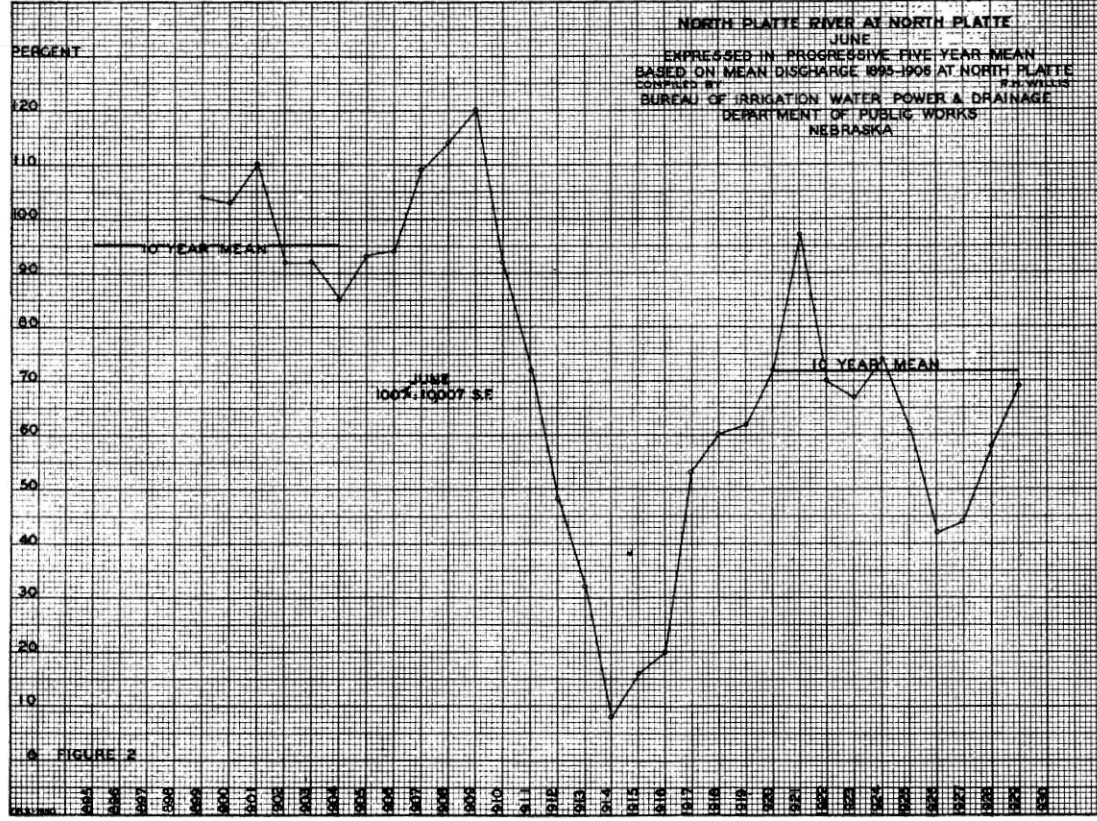


Fig. 2—June

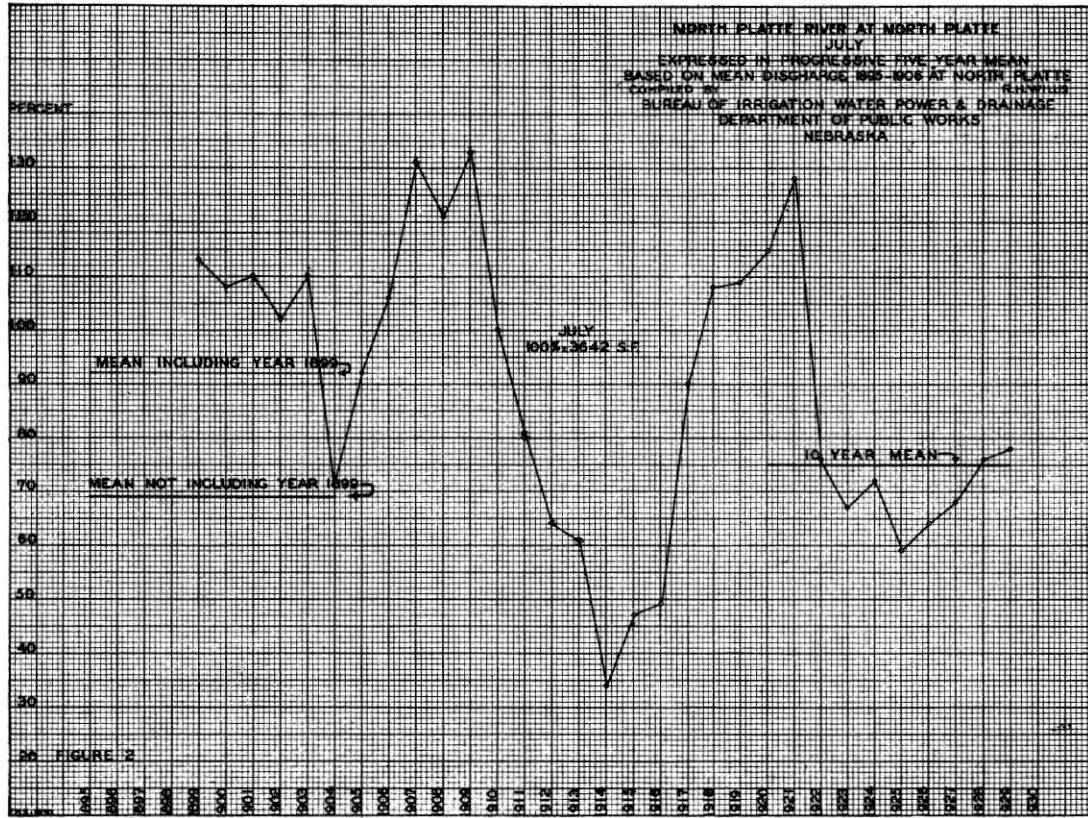


Fig. 2—July

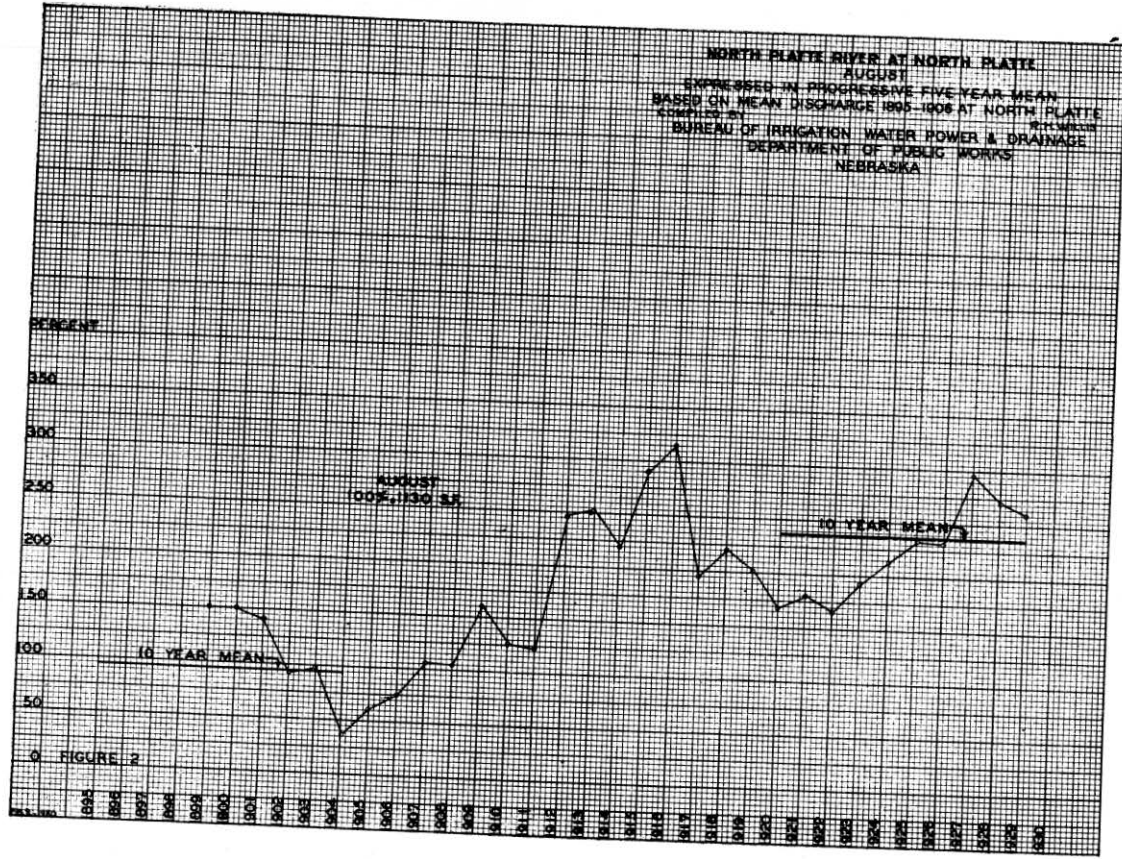


Fig. 2—August

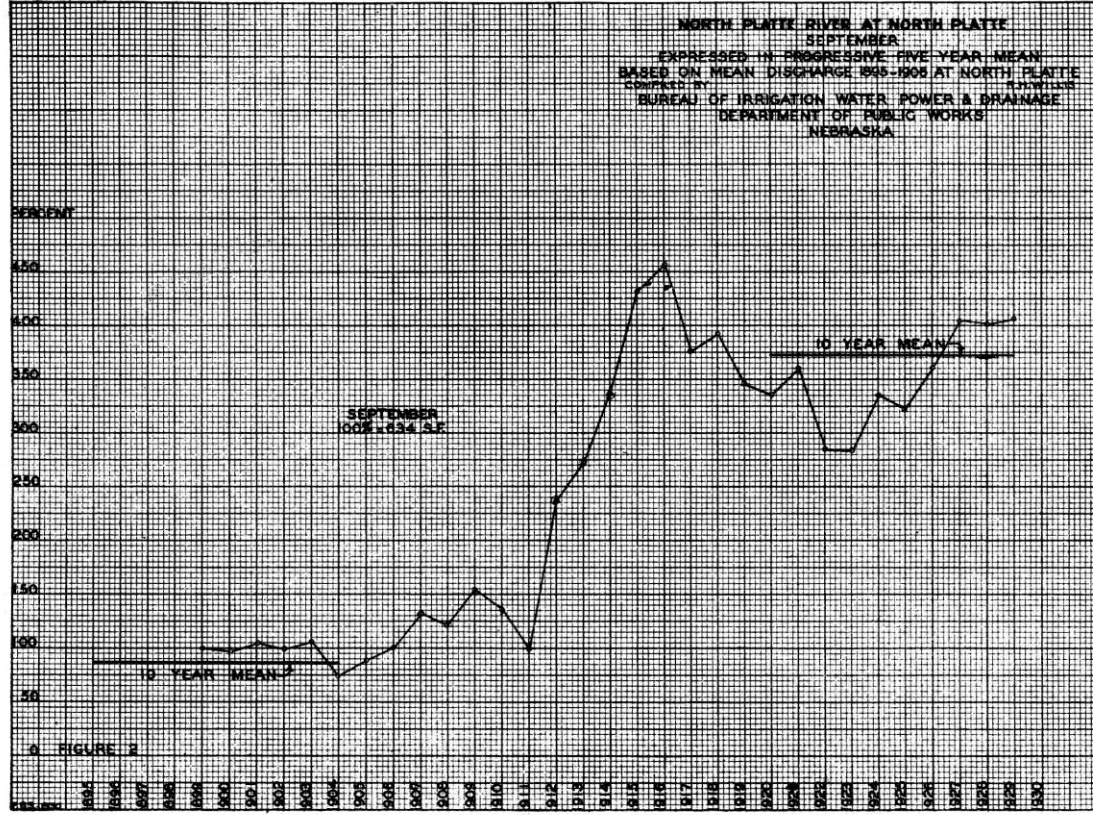


Fig. 2—September



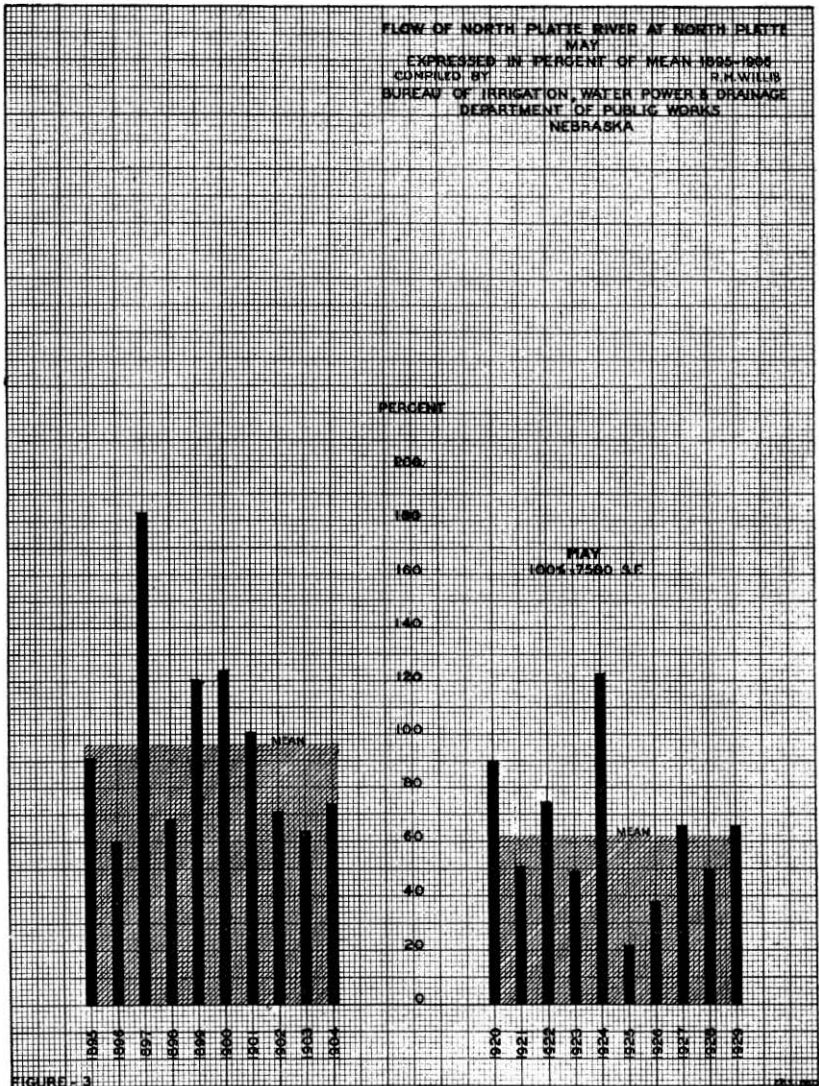


Fig. 3—May

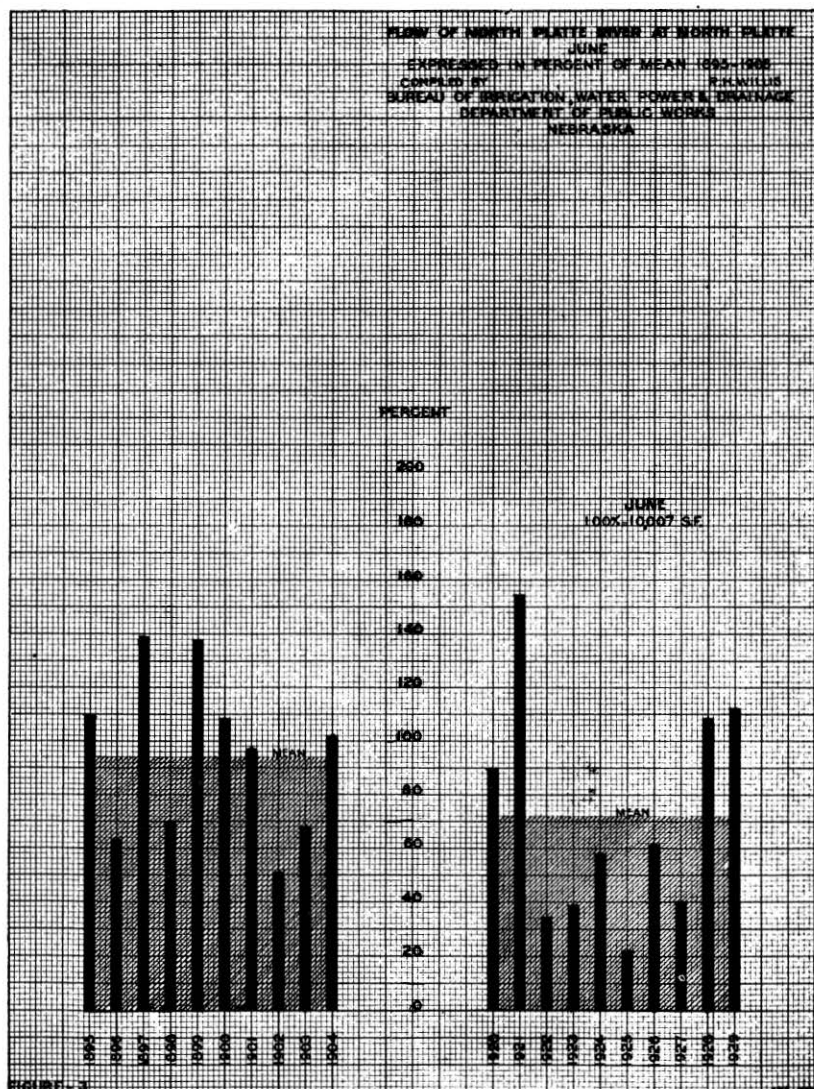


Fig. 3—June



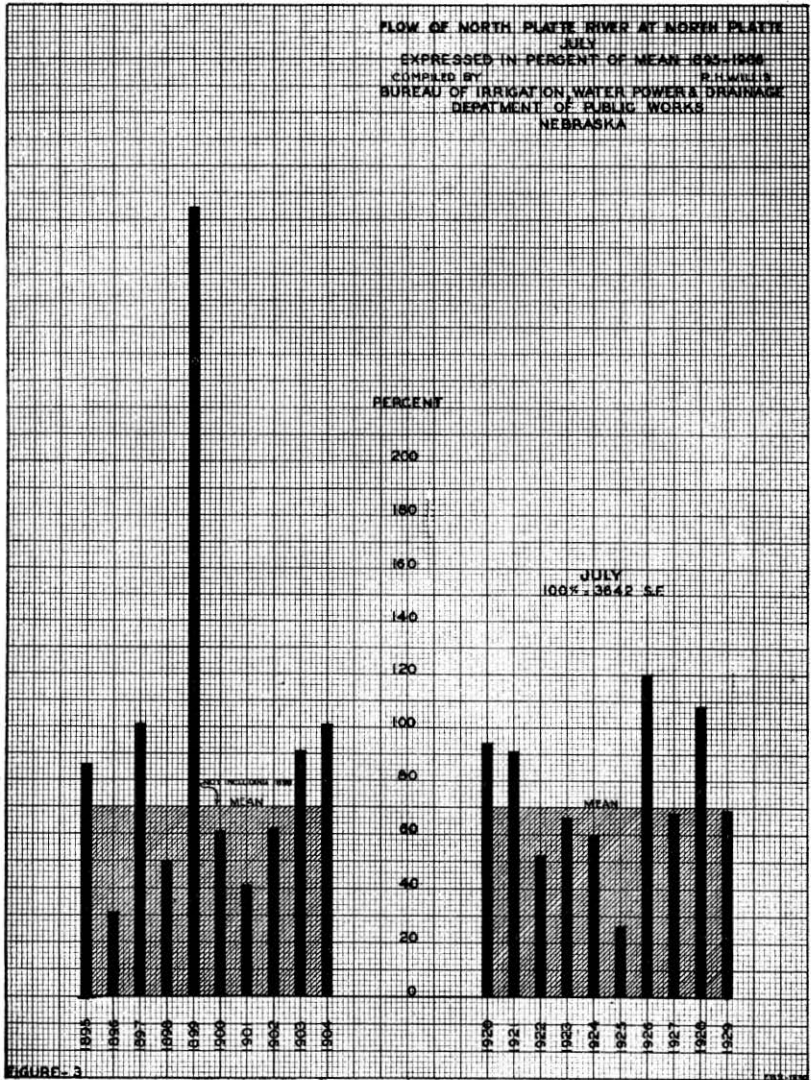


Fig. 3—July

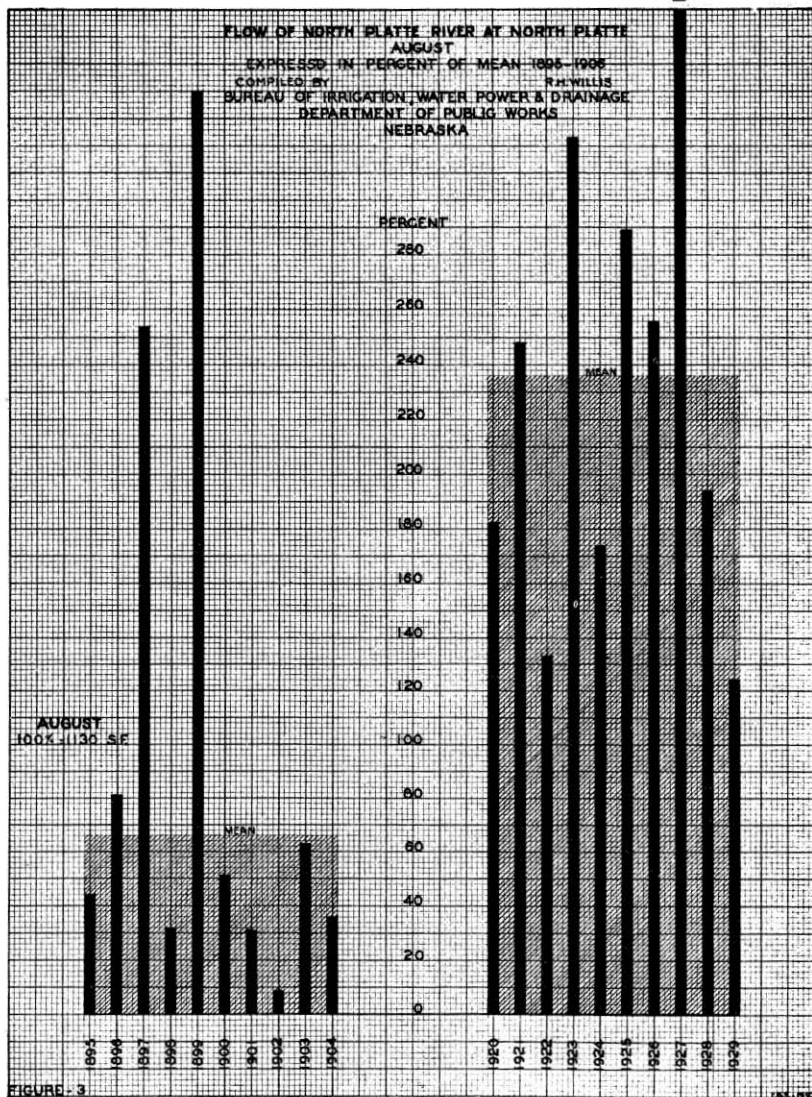


Fig. 3—August

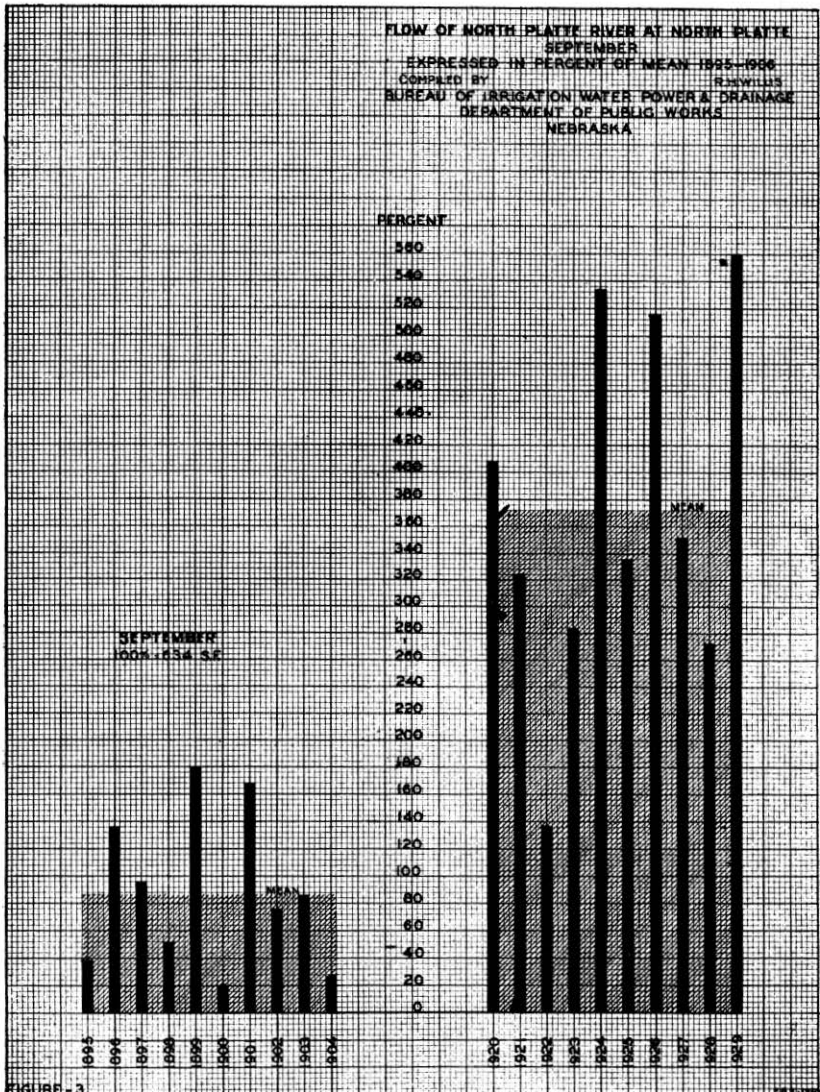


Fig. 3—September

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1915

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	7240	5030	2630	3160	6220	3540	*	*	*
2	.....	.....	.....	7240	4150	2300	3160	9060	3350	.....	.....	.....
3	.....	.....	.....	7240	3740	3350	3160	6720	3540	.....	.....	.....
4	.....	.....	.....	7240	3740	3350	2300	3940	3540	.....	.....	.....
5	.....	.....	.....	6980	3740	4150	1990	3350	3160	.....	.....	.....
6	.....	.....	.....	5500	3540	3740	1560	2630	3160	.....	.....	.....
7	.....	.....	.....	5500	3540	3940	1300	4800	3350	.....	.....	.....
8	.....	.....	.....	6720	3940	3540	1560	4800	2460	.....	.....	.....
9	.....	.....	.....	7240	3940	3740	2800	4800	1840	.....	.....	.....
10	.....	.....	.....	5980	3940	5030	3540	3940	1700	.....	.....	.....
11	.....	.....	.....	3940	3540	6470	2800	3940	3740	.....	.....	.....
12	.....	.....	.....	2300	3160	7240	3540	3540	4580	.....	.....	.....
13	.....	.....	.....	1560	3980	7240	3540	3350	3540	.....	.....	.....
14	.....	.....	.....	1430	3800	5260	2980	3160	2980	.....	.....	.....
15	.....	.....	.....	1430	2630	4800	2630	3160	2980	.....	.....	.....
16	.....	.....	.....	1180	2140	4360	2800	2800	2080	.....	.....	.....
17	.....	.....	.....	1180	1840	4150	2630	3160	3160	.....	.....	.....
18	.....	.....	.....	1180	2630	3940	2300	2800	3160	.....	.....	.....
19	.....	.....	.....	1430	2800	3740	1840	3160	3160	.....	.....	.....
20	.....	.....	.....	1430	2980	3740	1840	3540	3160	.....	.....	.....
21	.....	.....	.....	1560	3740	2980	1700	3160	3160	.....	.....	.....
22	.....	.....	.....	2300	4150	2630	1560	3350	2980	.....	.....	.....
23	.....	.....	.....	4360	4150	2630	1460	3540	2800	.....	.....	.....
24	.....	.....	.....	3740	4580	2630	1560	3540	2800	.....	.....	.....
25	.....	.....	.....	6220	4580	3160	1560	3740	2980	.....	.....	.....
26	.....	.....	.....	6720	5260	3350	1840	3940	2980	.....	.....	.....
27	.....	.....	.....	6720	9840	3940	1840	4360	2980	.....	.....	.....
28	.....	.....	.....	6220	8800	3350	1840	4800	2980	.....	.....	.....
29	.....	.....	.....	5740	5740	3740	1700	3350	2980	.....	.....	.....
30	.....	.....	.....	5260	3540	3940	1840	3350	2980	.....	.....	.....
31	.....	.....	.....	.....	2460	.....	2630	3540	.....	.....	.....	.....
Mean	.....	.....	.....	4430	3990	3970	2290	3990	3090	.....	.....	.....
Max.	.....	.....	.....	7240	9840	7240	3540	9060	4580	.....	.....	.....
Min.	.....	.....	.....	1180	1840	2300	1300	2630	1700	.....	.....	.....
A. F.	.....	.....	.....	264000	245000	236000	141000	245000	184000	.....	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1916

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	2075	3030	2210	4272	1500	*	*	*
2	.....	.....	.....	.....	2030	3168	1100	2580	1542	.....	.....	.....
3	.....	.....	.....	.....	1698	2990	932	2660	1521	.....	.....	.....
4	.....	.....	.....	.....	1620	2890	675	2282	1500	.....	.....	.....
5	.....	.....	.....	.....	1308	2620	980	1980	1500	.....	.....	.....
6	.....	.....	.....	.....	1220	2710	610	1672	1548	.....	.....	.....
7	.....	.....	.....	.....	1220	2080	574	1620	1428	.....	.....	.....
8	.....	.....	.....	.....	1220	1920	490	1646	1308	.....	.....	.....
9	.....	.....	.....	.....	1140	2030	550	1952	1308	.....	.....	.....
10	.....	.....	.....	.....	930	2075	514	1890	1144	.....	.....	.....
11	.....	.....	.....	.....	1030	1980	514	2390	980	.....	.....	.....
12	.....	.....	.....	2210	1200	1750	574	2660	1065	.....	.....	.....
13	.....	.....	.....	1890	1220	2430	780	2525	1108	.....	.....	.....
14	.....	.....	.....	1750	1180	2850	980	2525	1065	.....	.....	.....
15	.....	.....	.....	1620	1160	2580	1065	2390	1065	.....	.....	.....
16	.....	.....	.....	1890	1280	1700	1031	2210	1014	.....	.....	.....
17	.....	.....	.....	2045	1160	2460	932	2045	957	.....	.....	.....
18	.....	.....	.....	2175	1180	2660	1200	2045	900	.....	.....	.....
19	.....	.....	.....	2375	1160	2800	1500	1952	900	.....	.....	.....
20	.....	.....	.....	2315	1700	3260	1200	2421	900	.....	.....	.....
21	.....	.....	.....	2045	2465	4500	1065	2890	900	.....	.....	.....
22	.....	.....	.....	1985	4840	4180	1065	4410	980	.....	.....	.....
23	.....	.....	.....	2045	3950	3260	1200	2282	1014	.....	.....	.....
24	.....	.....	.....	2080	4410	4410	1100	1890	957	.....	.....	.....
25	.....	.....	.....	2315	4410	3120	1750	1380	900	.....	.....	.....
26	.....	.....	.....	2245	2800	2800	1014	1308	900	.....	.....	.....
27	.....	.....	.....	2045	3030	2846	948	1254	900	.....	.....	.....
28	.....	.....	.....	1920	3625	2390	825	1200	900	.....	.....	.....
29	.....	.....	.....	1890	3950	2210	750	1500	900	.....	.....	.....
30	.....	.....	.....	2045	3168	1950	1260	1548	900	.....	.....	.....
31	.....	.....	.....	.....	3030	.....	1750	1548	.....	.....	.....	.....
Mean	.....	.....	.....	2030	2140	2715	1003	2156	1116	.....	.....	.....
Max.	.....	.....	.....	2375	4840	4500	2210	4410	1548	.....	.....	.....
Min.	.....	.....	.....	1620	930	1700	490	1200	900	.....	.....	.....
A. F.	.....	.....	.....	77170	132750	162000	62150	133500	66960	.....	.....	.....

\*No Record.

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	4050	17700	19800	3200	1700	3000	*	*
2	.....	.....	.....	.....	4800	16200	19600	3000	1500	3000	.....	.....
3	.....	.....	.....	.....	4600	15700	19300	2800	1500	3000	.....	.....
4	.....	.....	.....	.....	4600	15200	19300	2400	1700	3000	.....	.....
5	.....	.....	.....	.....	4200	15700	19300	2000	1700	2800	.....	.....
6	.....	.....	.....	.....	4050	17700	18900	1700	2000	3000	.....	.....
7	.....	.....	.....	.....	4050	16200	18900	1500	2000	3500	.....	.....
8	.....	.....	.....	.....	3700	17200	18900	2800	2400	3200	.....	.....
9	.....	.....	.....	.....	3900	16700	18800	2550	2800	3500	.....	.....
10	.....	.....	.....	.....	3900	17200	16800	2400	3200	3800	.....	.....
11	.....	.....	.....	.....	3900	17200	15500	2800	2800	3800	.....	.....
12	.....	.....	.....	.....	3300	16700	13000	2800	3000	3800	.....	.....
13	.....	.....	.....	.....	4200	16700	11600	2800	2800	3200	.....	.....
14	.....	.....	.....	.....	3900	15700	10900	2550	4200	3200	.....	.....
15	.....	.....	.....	.....	3900	14600	10900	2400	4800	3200	.....	.....
16	.....	.....	.....	.....	3550	14600	10100	2400	4500	3000	.....	.....
17	.....	.....	.....	.....	3400	15700	9100	3000	4200	3000	.....	.....
18	.....	.....	.....	.....	3600	16700	8000	2800	4800	3000	.....	.....
19	.....	.....	.....	.....	4400	17500	8000	2800	4500	3200	.....	.....
20	.....	.....	.....	.....	6400	18700	7350	2550	4200	3500	.....	.....
21	.....	.....	.....	.....	7500	18200	7000	2800	3200	2800	.....	.....
22	.....	.....	.....	.....	9500	17700	6600	1700	2800	2800	.....	.....
23	.....	.....	.....	.....	10000	18200	6600	1700	3200	2800	.....	.....
24	.....	.....	.....	.....	9500	18200	6600	1700	3200	2800	.....	.....
25	.....	.....	.....	.....	12600	18400	5900	1700	4800	3200	.....	.....
26	.....	.....	.....	.....	14200	19300	5900	1700	4500	3200	.....	.....
27	.....	.....	.....	.....	3250	12600	20000	5500	1700	4500	3800	.....
28	.....	.....	.....	.....	3600	12600	20300	4700	1700	3800	3800	.....
29	.....	.....	.....	.....	3600	10500	20800	3800	2000	3200	3800	.....
30	.....	.....	.....	.....	3600	9500	20500	3200	1700	3200	3500	.....
31	.....	.....	.....	.....	.....	14600	.....	3200	1700	.....	3200	.....
Mean	.....	.....	.....	.....	3512	6648	17373	11324	2301	3223	3238	.....
Max.	.....	.....	.....	.....	3600	14600	20800	19800	3200	4800	3800	.....
Min.	.....	.....	.....	.....	3250	3400	14600	3200	1500	1500	2800	.....
A. F.	.....	.....	.....	.....	27868	408799	1033800	696307	141522	191804	199143	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1918

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	2200	3150	4900	9100	2550	1100	3550	3150	*
2	.....	.....	.....	2200	3750	5100	8000	2250	1000	3550	3150	.....
3	.....	.....	.....	2200	3600	5450	6500	2050	1000	3550	3150	.....
4	.....	.....	.....	2200	3750	4900	6000	1850	1000	3550	3150	.....
5	.....	.....	.....	2200	3750	5450	5600	1650	1000	3550	3150	.....
6	.....	.....	.....	2200	3750	5300	5100	1650	900	3550	2700	.....
7	.....	.....	.....	2200	4000	5100	4800	2750	800	3550	2850	.....
8	.....	.....	.....	2200	4400	4900	4500	2550	900	3550	2950	.....
9	.....	.....	.....	2200	4400	4900	3400	2950	1000	3550	3150	.....
10	.....	.....	.....	2200	6600	4900	2300	1650	1250	3550	2900	.....
11	.....	.....	.....	2200	8800	5450	1900	1650	1250	3550	2700	.....
12	.....	.....	.....	2200	9100	5450	1900	1650	1000	3300	2700	.....
13	.....	.....	.....	2200	9400	4700	1550	2750	1000	3200	2700	.....
14	.....	.....	.....	2600	9150	4000	2000	2550	1000	3150	2700	.....
15	.....	.....	.....	2950	9150	3600	2450	2250	1400	3150	2700	.....
16	.....	.....	.....	2950	8500	3100	2850	2050	1850	3150	2700	.....
17	.....	.....	.....	2950	7950	2750	5000	1850	2200	3150	2700	.....
18	.....	.....	.....	2700	7950	2200	4500	1750	2200	3150	2600	.....
19	.....	.....	.....	2900	7950	1900	4200	1650	2200	3200	2500	.....
20	.....	.....	.....	3150	7950	2600	3950	2550	2700	3250	2400	.....
21	.....	.....	.....	3150	7950	3300	3900	2750	2700	3900	2300	.....
22	.....	.....	.....	3150	7950	4000	3800	3150	2700	3150	2250	.....
23	.....	.....	.....	3300	7950	4000	3550	3150	2700	3150	2250	.....
24	.....	.....	.....	3600	6500	4000	3100	2750	3150	3150	2250	.....
25	.....	.....	.....	4400	7000	3450	3950	2900	3150	3350	2250	.....
26	.....	.....	.....	4300	4400	3150	5700	2050	3150	3500	2250	.....
27	.....	.....	.....	4200	4900	4400	3950	1650	3150	3250	2700	.....
28	.....	.....	.....	3900	4000	6600	3650	1650	3150	3150	3100	.....
29	.....	.....	.....	3800	3600	9100	3350	1500	3150	3150	3550	.....
30	.....	.....	.....	3600	4000	9100	2950	1500	3150	3150	3500	.....
31	.....	.....	.....	.....	4400	.....	2950	1225	.....	3150	.....	.....
Mean	.....	.....	.....	.....	2866	6090	4591	4078	2157	1896	3329	2770
Max.	.....	.....	.....	.....	4400	9400	9100	9100	3150	3150	3550	3550
Min.	.....	.....	.....	.....	2200	3150	1900	1900	1225	800	3150	2250
A. F.	.....	.....	.....	.....	170581	374484	273227	250813	181646	112861	204697	164828

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	1800	2400	1350	600	600	2125	*	*
2	.....	.....	.....	.....	1800	2250	1250	1150	600	2175	.....	.....
3	.....	.....	.....	.....	2250	2250	1600	1450	500	2200	.....	.....
4	.....	.....	.....	.....	2400	3200	2000	1400	400	2100	.....	.....
5	.....	.....	.....	.....	2300	3200	2150	1200	500	2075	.....	.....
6	.....	.....	.....	.....	2600	2850	2000	1700	500	1950	.....	.....
7	.....	.....	.....	.....	2400	2100	1600	1850	450	2250	.....	.....
8	.....	.....	.....	.....	2700	2000	1600	1450	450	2550	.....	.....
9	.....	.....	.....	.....	2600	4000	1450	1350	450	3000	.....	.....
10	.....	.....	.....	.....	2400	3600	1450	1350	450	2150	.....	.....
11	.....	.....	.....	.....	3050	3400	1450	1000	450	2300	.....	.....
12	.....	.....	.....	.....	2900	2700	1600	850	650	2300	.....	.....
13	.....	.....	.....	.....	2900	2250	1800	750	1350	2325	.....	.....
14	.....	.....	.....	.....	2900	2700	2000	650	1800	2325	.....	.....
15	.....	.....	.....	.....	2300	2400	1450	600	1950	2350	.....	.....
16	.....	.....	.....	.....	2100	2700	1150	600	2350	2350	.....	.....
17	.....	.....	.....	2400	2000	2400	1050	450	3550	2475	.....	.....
18	.....	.....	.....	2100	1850	1850	1150	300	3200	2525	.....	.....
19	.....	.....	.....	2100	2000	1850	1050	200	3200	2525	.....	.....
20	.....	.....	.....	2100	2000	2300	950	175	2850	2475	.....	.....
21	.....	.....	.....	2100	1850	1850	1150	100	2875	2475	.....	.....
22	.....	.....	.....	2100	1600	1850	1150	500	2875	2550	.....	.....
23	.....	.....	.....	2400	1450	1750	750	850	2700	2500	.....	.....
24	.....	.....	.....	2400	1350	2000	350	1000	2700	2450	.....	.....
25	.....	.....	.....	1850	1600	2850	200	1000	2700	2550	.....	.....
26	.....	.....	.....	1850	1600	2850	150	850	2550	2475	.....	.....
27	.....	.....	.....	1850	1600	2250	150	850	2350	2400	.....	.....
28	.....	.....	.....	2100	1250	1850	125	850	2150	2400	.....	.....
29	.....	.....	.....	1850	1350	1850	100	750	2000	2475	.....	.....
30	.....	.....	.....	1825	1050	1600	75	650	2100	2350	.....	.....
31	.....	.....	.....	.....	1600	.....	1150	650	.....	2350	.....	.....
Mean	.....	.....	.....	2073	2050	2436	1143	868	1708	2371	.....	.....
Max.	.....	.....	.....	2400	3050	4000	2150	1850	3550	2550	.....	.....
Min.	.....	.....	.....	1825	1050	1600	75	100	400	1950	.....	.....
A. F.	.....	.....	.....	57571	126051	144994	70315	53406	101654	145787	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	3500	5600	6200	2000	2600	1600	2900	2700
2	.....	.....	.....	.....	3500	5600	6200	2000	2600	2200	2900	2700
3	.....	.....	.....	.....	3500	5600	6200	1800	2800	2200	2600	3100
4	.....	.....	.....	.....	3500	8600	6600	2900	2900	2300	3300	3100
5	.....	.....	.....	.....	4200	8600	5600	2900	3100	2300	3300	3100
6	.....	.....	.....	.....	4900	8600	5600	2900	2900	2300	3300	3100
7	.....	.....	.....	.....	4200	8600	5600	2600	2900	2300	3600	3300
8	.....	.....	.....	.....	4200	7800	5100	2600	2900	2500	3300	2900
9	.....	.....	.....	.....	5500	7000	4300	2600	2900	2600	3100	2900
10	.....	.....	.....	.....	6500	7000	3600	2600	2900	2600	3100	2600
11	.....	.....	.....	.....	8900	6200	2900	2300	2300	2600	2700	2600
12	.....	.....	.....	.....	10000	6200	2600	2300	2900	2500	2600	2600
13	.....	.....	.....	.....	10000	6200	2300	2600	2900	2500	2300	2300
14	.....	.....	.....	.....	10000	6200	2300	2300	2600	2500	2300	2300
15	.....	.....	.....	.....	10000	7000	2100	2300	2600	2700	2300	1800
16	.....	.....	.....	.....	10000	7000	1800	1800	4800	2900	1800	2000
17	.....	.....	.....	.....	10000	7000	2900	1800	2100	2900	2000	2000
18	.....	.....	.....	.....	10000	11000	2900	1800	2100	2900	2600	2000
19	.....	.....	.....	.....	10000	11000	2800	1400	2600	2900	3100	2300
20	.....	.....	.....	.....	8200	12700	2600	2300	2100	2900	3600	2300
21	.....	.....	.....	.....	8200	13500	2600	1600	2300	2900	3300	2300
22	.....	.....	.....	.....	8000	14500	2600	1600	2300	2900	2900	2900
23	.....	.....	.....	.....	7200	13300	2600	1600	2100	2900	2900	3600
24	.....	.....	.....	.....	7200	14000	2300	1600	2100	2900	2900	4150
25	.....	.....	.....	.....	7200	14800	2300	1600	2200	2900	2900	4425
26	.....	.....	.....	.....	6500	12500	2600	1600	2200	2900	3300	4700
27	.....	.....	.....	.....	6500	10200	2600	1600	2200	2900	3300	3600
28	.....	.....	.....	.....	5600	8600	2600	1600	2200	2900	3300	4700
29	.....	.....	.....	.....	5000	7000	2300	2100	2100	2900	2900	4700
30	.....	.....	.....	.....	4500	6200	2200	1800	2100	2900	2900	4700
31	.....	.....	.....	.....	5000	.....	2000	1800	.....	2900	.....	4700
Mean	.....	.....	.....	.....	6822	8937	3448	2074	2597	2648	2576	3086
Max.	.....	.....	.....	.....	10000	14800	6600	2900	4800	2900	3600	4700
Min.	.....	.....	.....	.....	3500	5600	1800	1400	2100	1600	1800	1800
A. F.	.....	.....	.....	.....	419510	531776	212036	127539	154515	162845	173160	189771

\*No Record.



HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3000	1400	2600	1600	2700	3800	2400	4400	2000	6200	3100	3400
2	3000	1050	2300	1600	2700	3000	2200	3700	1800	5700	3100	3050
3	3000	1050	2200	1600	2700	2700	2200	3800	1600	18400	3100	3050
4	3000	1150	1700	2000	2400	2700	2000	5000	1300	13200	3100	3050
5	3000	1150	2000	2000	2400	3000	2000	4400	1300	9500	3100	3050
6	3200	1300	1600	2200	2700	3400	1800	4400	1300	7300	3100	3050
7	3200	1550	1700	2200	3000	2200	1800	4400	1300	7300	3050	3050
8	3300	1700	1600	2200	3000	2200	1600	6500	1200	7300	3050	3050
9	3400	1900	1800	2200	2700	2200	1100	4400	1200	4800	3050	3050
10	3500	1900	1700	2200	2700	2000	1000	8100	1000	4400	3050	3400
11	2700	1700	1600	2000	2700	2000	900	4400	1200	4400	3050	2100
12	2800	1700	1600	2000	2700	7700	1000	5000	1300	4400	3700	1800
13	3400	1900	1650	2000	2700	7700	1200	4400	1550	4400	3400	1600
14	2100	1700	1650	2000	2700	8900	1200	3800	1350	4100	3400	1700
15	1700	1200	1500	2000	3000	8900	1350	5000	1350	3800	3400	1700
16	2100	1400	1500	2000	3000	7400	1350	5000	1350	3500	3400	2100
17	1900	1550	1550	2030	2700	5000	1600	5000	1800	3500	3400	3050
18	1700	1550	1600	1600	2700	4300	3000	4400	1600	3350	3400	3400
19	1900	2100	1900	1600	3000	3800	3000	3800	1600	3350	3400	3000
20	1900	2300	2400	1600	2400	3800	3000	3000	2000	3500	3050	3000
21	1900	2300	3300	2000	2700	3800	3400	2700	2000	3500	3050	3000
22	1700	2800	3300	2000	3800	3000	3000	2400	2000	3350	3050	3000
23	1400	3000	3100	2200	5800	2450	3000	2400	2000	3350	3050	3000
24	1400	3000	2700	2200	5000	2450	2700	2400	2000	3300	3050	3000
25	1300	3400	2700	2200	5000	2450	3400	2200	2400	3400	3400	3000
26	1400	3400	1830	2700	5000	2200	2700	2200	3000	3800	3400	3000
27	1400	3400	1800	2700	4400	2700	3000	2200	3000	3700	3400	3000
28	1150	3000	1600	3800	7700	2700	3000	2700	3000	3500	3400	3000
29	1400	-----	1800	3400	10500	2450	5800	2400	2700	3400	3400	3000
30	1550	-----	1800	3000	6600	2450	5800	2000	3000	3300	3050	3000
31	1400	-----	1600	-----	5000	-----	5000	2000	-----	3200	-----	3000
Mean	2233	1987	1988	2160	3745	3778	2435	3832	1800	5167	3225	†2827
Max.	3700	3400	3300	3800	10500	8900	5800	8100	3000	18400	3700	3400
Min.	1150	1050	1500	1600	2400	2000	900	2000	1000	3200	3050	1600
A. F.	140432	110382	122233	128233	230284	224830	149754	235640	107109	317756	191903	173854
Total	2,132,758 Acre Feet.											
†	Estimated.											

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1924

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1500	1600	7000	3000	8200	7500	1750	1750	1250	4200	3700	2700
2	1500	1700	5800	3000	7300	8400	1600	1750	1250	4000	3700	2700
3	1500	1800	5200	3400	11400	6500	1600	1750	1250	3300	3300	2700
4	1500	1900	3200	4300	11400	4300	1600	1750	1250	3300	3300	2700
5	1500	2300	3000	3800	10500	7500	3100	1950	1250	3300	2900	2700
6	1500	2500	2700	3700	12100	7500	3100	2150	1250	3300	2900	2700
7	1500	2600	2700	3400	13700	12500	2450	2450	1250	3300	3300	2700
8	1500	2700	1800	3400	13700	11700	2450	2150	1250	4000	3300	2700
9	1500	2800	2300	3400	14500	10000	2750	2150	1250	3300	3300	2700
10	1500	2900	2200	3700	15300	10000	2750	2450	1250	3300	3300	2700
11	1500	3000	2700	6900	13000	9200	1950	2350	2550	2900	3300	2700
12	1500	3100	3400	10500	13600	8400	1900	2300	1700	2900	3300	2700
13	1500	3100	3600	12100	12200	8400	2150	2200	3300	3300	3300	2700
14	1500	2700	3800	6900	12200	8400	2150	2600	3300	3300	3300	2700
15	1500	2400	3200	8100	10800	6700	2150	2600	3300	4200	3300	2700
16	1500	2400	2800	6500	10800	5900	2150	2600	3800	4200	3300	2700
17	1500	2400	1600	7300	7000	4500	2150	2500	5400	3800	3300	2700
18	1500	2100	2100	8100	3400	3800	2150	2400	5400	4200	3300	2700
19	1500	1900	2800	16900	7000	4500	2450	1400	5400	3800	2900	2700
20	1500	1500	3250	15300	10300	4000	2450	1700	5400	4800	2900	2700
21	1500	1700	2800	12900	9000	2800	2450	2200	5400	4200	2900	2700
22	1500	1300	2800	11300	8400	2800	2150	2200	5400	5000	2900	2700
23	1500	1500	3700	9000	6700	2800	1900	2200	5400	4600	2900	2700
24	1500	1700	3700	12900	5900	2450	1900	1950	5400	4400	2900	2700
25	1500	1800	4200	12900	5900	2450	1900	1700	4800	4400	2900	2700
26	1500	2400	4200	12900	5900	2150	2150	1450	4800	4400	2600	2700
27	1500	4000	4200	12100	5100	2150	2150	1450	4800	5000	2600	2700
28	1500	7200	4200	12100	5900	2150	1900	1300	4800	5500	2600	2700
29	1500	7200	2600	14500	6700	1950	1900	1300	4800	5500	2900	2700
30	1500	-----	3000	12100	6700	1950	1900	1300	4200	5500	2900	2700
31	1500	-----	2600	-----	6700	-----	1900	1300	-----	5000	-----	2700
Mean	†1500	†2711	3327	8547	9377	5778	2161	1977	3395	4045	3110	2700
Max.	1500	7200	7000	15300	15300	12500	3100	2600	5400	5500	3700	2700
Min.	1500	1300	1600	3000	3400	1950	1600	1300	1250	2900	2600	2700
A. F.	92232	155903	204598	508569	576603	343839	132895	121538	202019	248731	185060	166018
Total	2,938,055 Acre Feet.											



DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1925

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2600	5400	2000	2500	900	950	200	3100	1450	3500	3200	2800
2	2600	5400	2000	4000	900	950	175	2800	1050	3200	4500	2800
3	2600	5400	2000	3400	900	950	175	2800	1000	3500	4800	3100
4	2600	5400	2000	3100	900	950	450	3300	900	3200	4200	3100
5	2600	5400	2000	2800	900	950	450	3900	900	3300	3700	2500
6	2600	5400	2500	3800	900	950	450	4200	1000	3500	3200	3100
7	2600	5400	2500	2800	900	1150	325	3900	1150	3300	2800	2800
8	2600	5400	2500	2800	1000	2850	225	3900	1250	3500	3200	2800
9	2600	5400	2500	2800	1000	2850	225	3900	1250	3500	2800	3100
10	2600	5400	2500	2800	1100	2850	220	3700	1150	3500	2800	2800
11	2600	5000	2700	2300	1100	5400	325	3600	1150	3200	2800	2800
12	2600	5000	2800	2300	1000	5700	325	3800	1250	3200	2800	2800
13	2600	5000	2900	2300	950	5700	600	3500	1650	3500	2800	2800
14	2600	4000	3000	2400	800	5000	600	3600	1900	3500	2800	2800
15	2600	4000	4700	2400	2000	4750	600	3900	2400	3500	2800	2800
16	2600	4000	3700	2400	2500	3800	600	3740	2700	3500	2800	2800
17	2600	4000	3700	2400	2000	2550	1050	3750	2800	3200	2800	2800
18	2600	4000	2800	2400	1800	2200	1050	3900	2800	3200	2800	2800
19	2600	4000	2500	1800	1600	2000	1050	3900	3000	3200	2800	2800
20	2600	4000	2500	1600	1800	1400	975	3600	3000	3200	2800	2800
21	2600	3000	2500	1400	4700	2200	950	3900	2700	3200	2800	2800
22	2600	3000	2300	1400	5400	2550	950	3100	2800	3000	2600	2800
23	2600	3000	2300	1400	4200	2200	900	3100	3000	3200	2800	2800
24	2600	3000	2300	1400	3200	1650	900	3900	3250	3200	2200	2800
25	2600	3000	2300	1400	2600	1150	800	2650	3250	3200	2600	2800
26	2600	2000	2200	1100	1800	950	800	2800	2800	3300	2600	2800
27	2600	2000	2200	1100	1800	750	950	2350	2000	3200	2800	2800
28	2600	2000	2200	1100	1600	550	3200	2250	2800	3200	2800	2800
29	2600	.....	2200	1100	1350	350	3800	2000	3000	2800	2800	2800
30	2600	.....	2300	1100	950	300	3500	1550	3250	2050	2800	2800
31	2600	.....	2300	.....	950	.....	3200	1550	.....	2300	.....	2800
Mean	2600	4214	2545	2153	1725	2218	968	3288	2120	3221	3000	2832
Max.	2600	5400	4700	4000	5400	5700	3800	3900	3250	3500	4800	3100
Min.	2600	2000	2000	1100	800	300	175	1550	900	2050	2200	2800
A. F.	159876	234053	156498	128134	106117	132001	59545	202217	126150	198052	178515	174151
Total	1,855,309	Acre Feet.										

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1926

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3000	5200	2500	2750	3700	2750	4000	2900	1650	4000	3000	3300
2	3000	5200	2500	2450	3150	2750	3750	3050	1650	4200	3300	3300
3	3000	5200	2500	2450	2900	5250	3550	2750	1800	4200	3300	3300
4	3000	6500	2500	2450	2650	8900	3550	2750	2300	4400	3100	3300
5	3000	6500	2200	2750	2300	8300	3000	2750	2100	4400	3100	3300
6	3000	6500	2500	2750	1900	7700	2350	2500	2200	4400	3100	3300
7	3000	6500	2200	2750	2300	6400	2350	2250	2100	5300	3000	3300
8	3000	5200	2500	2750	4700	6400	3350	2150	2600	4200	3500	3300
9	3000	5200	2600	2750	5750	5800	5200	2650	2300	4200	3300	3300
10	3000	5200	2500	2750	4700	5800	5800	2250	2600	3700	3000	3300
11	5000	5200	2500	2750	4250	5800	5800	2500	2800	3700	3000	3300
12	5000	5200	2500	2750	4250	5250	5800	2900	3500	3300	3000	3300
13	5000	4400	2600	2900	4250	4150	6400	2900	3500	3300	3000	3300
14	5000	3700	3100	2750	3700	3650	8250	3550	3750	3300	3300	3300
15	5000	3700	2500	2600	3700	4150	10000	3750	4650	3300	3300	3300
16	5000	3200	2300	2500	3700	5250	8250	3550	4650	3300	3300	3300
17	5000	3200	2500	2500	3450	5250	6700	4200	4650	2900	3300	3300
18	5000	2800	2500	2500	3450	5250	5200	4200	4650	3100	2800	3300
19	5000	3000	2200	2500	3700	10800	4600	3750	4650	3100	2600	3300
20	5000	3400	2200	2200	3150	8300	4200	3750	3650	2900	2600	3300
21	5000	3200	2300	2600	3150	8900	3750	3350	3700	2900	3300	3300
22	4700	3400	2500	2750	2650	8900	4000	3050	3700	2900	2800	3300
23	4200	3000	2500	4600	2300	8300	3350	3050	3700	3300	3300	3300
24	3800	3000	2200	6400	1600	7000	3000	3050	3500	3100	4200	3300
25	3500	2900	2200	6400	1150	6800	3000	3350	3250	3300	4200	3300
26	3500	2700	2200	6400	1150	6700	2650	2750	3250	3300	4200	3300
27	3500	2700	2200	5200	1000	5800	2350	2250	3250	3300	4200	3300
28	4200	2700	2500	4600	1900	5000	2500	2250	3250	3100	3300	3300
29	5000	.....	2300	4100	1350	4700	2800	2250	3500	2900	3000	3300
30	5000	.....	2500	3600	1350	4100	3000	2050	4200	3100	3700	3300
31	5500	.....	2800	.....	1250	.....	3000	2050	.....	3100	.....	3300
Mean	4125	4081	2438	3306	2919	6136	4370	2893	3268	3532	3270	3300
Max.	5500	6500	3100	6500	3700	10800	10000	4200	4650	5300	4200	3300
Min.	3000	2700	2200	2200	1000	2750	2350	2050	1650	3100	2600	3300
A. F.	253689	235243	149952	196763	179506	365162	268764	177920	194482	217193	194581	185060
Total	2,618,315	Acre Feet.										

†Estimated.

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1927

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2050	2200	1600	3200	3150	2850	4600	2650	1250	3450	3200	2800
2	2050	2200	1600	3200	3150	2550	4600	5600	1450	5900	3450	2800
3	2050	2200	1800	3500	3650	2700	4600	5600	1900	6850	3450	2800
4	2050	2200	1800	3900	4500	2700	4150	6600	1700	6600	3200	2800
5	2050	2200	2300	3500	5000	2400	3650	7550	1450	6100	3200	2800
6	2050	2200	4400	3400	5300	3000	2850	8050	1450	4650	3200	2800
7	2050	2200	5200	3200	5300	3000	3200	7550	1700	4400	3200	2800
8	2050	2200	4400	3200	6500	3000	3450	8250	2200	3900	3450	2800
9	2050	2200	3900	3400	7500	2850	2650	8550	3200	3450	3450	2800
10	2050	2200	3800	5000	5300	2550	3450	7550	2500	3450	3450	2800
11	2050	2200	3500	3900	5000	2550	2850	7050	2200	3700	3700	2800
12	2050	2200	1800	4400	4500	2850	2650	6350	1900	4150	3450	2800
13	2050	2200	2900	4800	3850	3150	2200	6100	1900	4650	3450	2800
14	2050	2200	4400	8000	5300	3150	1900	5600	1900	4650	3450	2800
15	2050	2200	4400	5800	4500	3000	1900	5600	2200	4150	3700	2800
16	2050	2200	3200	4900	4000	3800	1900	5900	2200	3700	3700	2800
17	2050	2200	2900	6000	5000	4000	1700	5150	2500	3700	3450	2800
18	2050	2200	2900	6800	6000	3800	1350	5150	2500	3700	3450	2800
19	2050	2200	2500	4800	5700	3800	1450	5150	2500	3700	4400	2800
20	2050	2200	3200	4800	7300	3800	1250	7050	2500	3700	3900	2800
21	2050	2200	3200	5300	7000	5300	1450	6600	2500	3700	3700	2800
22	2050	2200	4600	5300	8200	6000	1700	6600	2500	6350	3450	2800
23	2050	2200	3500	5300	7500	5300	1700	4650	2300	4900	3450	2800
24	2050	2200	5000	5000	6000	5700	1700	3200	2200	4150	3700	2800
25	2050	2200	3400	4800	4700	6500	1700	2850	2300	3900	3700	2800
26	2050	2200	2900	4400	4500	8700	1450	2200	2500	3700	3900	2800
27	2050	2200	2500	4200	4000	6500	1350	2200	2850	3450	3900	2800
28	2050	2200	2500	3900	3650	5300	1350	1900	2850	3200	3700	2800
29	2050	-----	2000	3600	3300	5000	2050	1700	2850	3200	3700	2800
30	2050	-----	2700	3400	3300	4500	2650	1450	3200	3450	3450	2800
31	2050	-----	2900	-----	2550	-----	2650	1450	-----	3450	-----	2800
Mean	†2050	†2200	3151	4496	5012	4010	2487	5221	2238	4258	3551	†2800
Max.	2050	2200	5200	8000	8200	8700	4600	8550	3200	6850	3900	2800
Min.	2050	2200	1600	3200	2500	2400	1250	1450	1250	3200	3200	2800
A. F.	126041	122183	193787	267574	308236	238615	152927	321029	133192	261822	211341	172167
Total 2,508,924 Acre Feet.												
†Estimated.												

DISCHARGE IN SECOND FEET, NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2500	3000	2700	3500	1550	5300	7200	5000	1300	2100	2200	2200
2	2500	3000	2900	4200	1550	10500	8200	4700	1200	2100	2000	2200
3	2500	3000	3000	4500	1750	9100	6500	5000	1650	2000	2600	1900
4	2500	3500	3350	4200	1750	10500	4800	5000	1400	2100	2600	1900
5	2500	3000	3700	3100	1750	11000	5300	4800	1300	2100	3800	1900
6	2500	3500	4100	2800	2500	12800	4800	4500	2150	2100	3600	1600
7	2500	3700	4450	2600	2500	12800	3600	3700	2000	2200	3500	1400
8	2500	3700	3000	2800	2050	13700	3300	3300	1900	2200	3100	1200
9	2500	3500	3000	2800	2200	15000	2600	3300	1900	2200	3100	1400
10	2500	3300	2900	2800	3900	13100	2200	3000	1600	2100	3000	1700
11	2500	2900	2400	2800	2750	15100	2000	3000	1600	2100	3000	1900
12	2500	2500	2400	2600	2750	15500	2500	1950	1500	2200	3000	2300
13	2500	2100	2300	2600	2500	14500	2300	1600	1500	2200	3000	2500
14	2500	1800	2400	2400	2900	14400	2300	1200	1600	2450	3000	2800
15	2500	1700	2400	2600	3350	12400	2800	1825	1600	2450	3000	2800
16	2500	1600	2900	2400	3050	10200	2300	1700	1500	2450	3000	2800
17	2500	1500	2800	2400	3750	12400	2300	1200	1600	3800	3000	2800
18	2500	1400	2800	2400	3550	13100	2400	850	1600	3700	3000	2800
19	2500	1800	2600	2400	3550	12400	2800	850	1700	3700	3000	2800
20	2500	2100	2300	2400	4500	11400	2600	850	1750	3100	2500	2500
21	2500	2500	2400	2400	4150	9900	4400	700	1800	3100	2600	2500
22	2500	2900	2400	2150	3900	9600	3800	700	2000	2900	2600	2600
23	2500	2800	2400	2150	3750	7600	4400	1500	1900	2900	2600	2600
24	2500	2600	2400	2150	4150	8100	4200	1200	1900	2900	2500	2800
25	2500	2400	2300	2000	4150	7900	4200	900	1900	2900	2500	2800
26	2500	2200	2400	2000	6050	7200	4200	850	2000	2900	2600	3000
27	2500	2300	2400	1800	8200	7900	4000	900	2100	2700	2600	3000
28	2500	2400	2300	1800	7450	8200	4800	900	2000	2700	2600	3500
29	2500	2500	2300	1800	7000	7600	5350	1000	2000	2700	2600	3500
30	2500	-----	2900	1650	7450	7200	5350	1000	2000	2850	2500	3500
31	2500	-----	3000	-----	7450	-----	5350	1100	-----	3100	-----	3500
Mean	†2500	†2632	2761	2606	3779	10880	3963	2196	1731	2643	2833	2474
Max.	2500	3700	4450	4500	8200	15000	8200	5000	2150	3800	3800	3500
Min.	2500	1400	2300	1650	1750	5300	2000	700	1300	2000	2000	1200
A. F.	153721	149555	169787	155109	232367	647414	243672	135026	108042	157311	168597	152134
Total 2,467,735 Acre Feet.												
†Estimated account of ice.												

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
OVID, COLORADO—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	318	298	201	344	281	385	888	368	113	13	23	85
2	318	297	201	327	268	332	721	494	123	13	28	87
3	318	308	183	331	262	299	664	468	101	13	29	94
4	318	307	166	350	232	303	533	367	72	15	39	101
5	318	299	151	354	197	335	423	350	65	16	37	97
6	317	300	145	339	162	280	283	372	59	17	62	97
7	317	291	158	313	133	342	170	363	50	17	107	101
8	317	292	158	296	110	207	70	365	47	16	148	106
9	317	291	159	274	108	234	56	314	66	16	159	98
10	317	307	201	233	91	436	56	281	68	16	156	110
11	317	307	209	185	82	767	94	229	108	16	155	112
12	317	329	237	162	64	732	94	273	111	17	125	112
13	317	328	237	153	64	661	204	282	89	17	119	113
14	317	328	237	164	82	12000	298	226	84	18	168	113
15	317	338	246	177	79	16000	281	299	105	18	296	121
16	317	339	276	202	77	15500	281	343	131	18	252	117
17	317	350	276	173	79	15200	235	401	209	17	216	122
18	317	348	318	130	84	16000	258	503	277	18	168	134
19	317	358	318	105	82	15500	410	533	338	18	134	145
20	317	358	296	100	72	15500	871	448	416	20	129	162
21	318	368	282	70	126	16000	1160	443	502	20	82	163
22	318	367	341	66	382	14000	1050	438	620	20	111	164
23	318	337	343	128	1000	12600	803	433	722	20	111	163
24	318	300	314	144	1560	9960	574	396	780	20	101	163
25	318	273	322	166	876	7240	471	324	757	21	96	169
26	317	266	301	155	659	5200	569	277	728	21	85	218
27	317	235	322	176	568	3680	516	365	692	20	85	311
28	318	225	368	232	550	2420	586	372	687	23	82	337
29	318	.....	350	264	497	1640	470	269	723	23	81	346
30	318	.....	353	286	457	1060	381	175	752	25	85	330
31	318	.....	357	.....	417	.....	336	124	.....	23	.....	302
Mean	317	312	259	213	313	6160	445	351	320	18	116	158
Max.	318	367	368	354	1560	16000	1160	533	780	25	296	946
Min.	317	225	145	66	64	207	56	124	47	13	23	85
A. F.	19500	17800	15900	12700	19200	367000	27400	21600	19000	1120	6900	9720
Total	537,340 Acre Feet.											

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
OVID, COLORADO—1924

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	1770	1070	2150	3130	2700	271	16	23	609	1990	1760
2	.....	1770	1020	2070	3180	4820	190	17	26	662	2000	1680
3	.....	1690	1050	1930	2940	7510	111	17	28	716	1950	1590
4	.....	1710	993	1590	3010	9050	53	16	24	730	1960	1470
5	.....	1640	904	1500	3140	9560	37	17	29	722	1910	1590
6	.....	1670	840	1450	3090	9740	26	15	30	974	1930	1630
7	.....	1740	905	1430	3060	10100	24	17	35	919	1960	1640
8	1470	1970	905	1460	3470	10200	31	15	30	952	1990	1640
9	.....	1880	955	1640	3580	10400	36	17	30	1060	2040	1810
10	.....	1860	955	1540	3310	11000	36	18	31	1160	2320	1620
11	.....	1980	993	1360	2980	9400	31	20	44	1280	2540	1630
12	.....	2050	999	1240	2600	8100	28	17	62	1120	2610	1720
13	.....	2150	1090	1260	2140	6300	63	19	135	1040	2740	1650
14	.....	1900	1090	1270	1690	4780	40	20	257	1040	2840	1690
15	.....	1880	1220	1220	1050	3640	32	20	320	1030	2790	1690
16	.....	1660	1180	1420	723	3800	17	27	387	1020	2760	1690
17	.....	1500	1810	1760	407	4720	18	28	386	1110	2680	1700
18	.....	1490	1880	2180	220	6800	25	25	349	1270	2800	1710
19	.....	1700	1750	2880	120	5440	21	21	321	1330	2810	1720
20	.....	1580	1740	3490	83	4160	28	20	302	1320	2730	1730
21	.....	1340	1740	3610	53	2910	23	22	287	1300	2830	1690
22	.....	1500	1910	3400	41	2220	26	21	272	1300	2570	1750
23	.....	1650	1910	3080	25	2180	25	20	252	1340	2470	1750
24	.....	1500	1870	2750	13	1310	24	18	237	1340	2380	1670
25	.....	1530	1920	2360	15	999	26	18	227	1380	2330	1730
26	.....	1480	2000	2140	20	804	26	17	216	1360	2210	1600
27	.....	1360	2060	2020	15	708	24	18	216	1260	2030	1590
28	.....	1280	2080	2300	56	560	23	21	216	1340	1940	1600
29	.....	1190	1910	2610	132	407	45	17	216	1880	1870	1540
30	.....	.....	1940	2890	512	331	23	22	216	1900	1860	838
31	.....	.....	2000	.....	1100	.....	19	23	.....	1970	.....	676
Mean	1350	1670	1440	2070	1480	5150	45	19	173	1170	2330	1610
Max.	.....	2150	2080	3610	3580	11000	271	28	387	1970	2930	1810
Min.	.....	1190	840	1220	13	331	17	15	33	609	1860	676
A. F.	83000	96100	88500	123000	91000	306030	2780	1190	10300	71900	139000	39000
Total	1,111,770 Acre Feet.											

\*No Record.

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
JULESBURG, COLORADO—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	240	350	310	189	240	500	1300	480	230	670	1760	1800
2	240	350	310	180	260	440	1100	540	200	700	1800	1800
3	240	350	310	180	280	400	900	520	180	720	1840	1790
4	240	350	310	180	300	360	820	490	150	740	1880	1780
5	240	350	310	180	320	320	750	460	120	800	1920	1760
6	260	350	300	160	340	280	700	440	100	880	1960	1750
7	260	350	300	160	360	260	660	420	80	960	2000	1740
8	260	350	300	160	380	420	620	400	60	1060	2060	1730
9	260	350	300	160	410	700	590	390	60	1200	2120	1720
10	260	350	300	160	440	800	580	380	80	1400	2180	1710
11	280	350	280	140	460	1000	540	360	100	1410	2260	1700
12	280	350	280	140	490	4000	520	350	120	1420	2340	1690
13	280	350	280	140	520	10000	500	350	150	1430	2440	1680
14	280	350	280	140	550	9000	480	340	180	1440	2600	1670
15	280	350	280	140	580	8000	460	340	200	1460	2840	1660
16	320	340	260	140	620	7000	450	350	240	1480	2720	1650
17	320	340	260	140	650	5000	440	350	280	1490	2600	1650
18	320	340	260	140	700	4500	430	360	320	1500	2460	1640
19	320	340	260	140	750	4000	420	380	360	1520	2320	1630
20	320	340	260	140	800	3500	420	420	420	1530	2240	1620
21	340	330	250	160	850	3000	410	460	440	1550	2140	1610
22	340	330	250	160	900	2800	400	520	460	1570	2060	1600
23	340	330	250	160	950	2600	400	440	480	1580	2000	1600
24	340	330	250	160	1000	2400	390	400	500	1600	1960	1590
25	340	330	250	160	1100	2200	380	380	530	1620	1920	1580
26	340	320	230	200	1000	2000	380	360	550	1630	1890	1580
27	340	320	230	200	860	1800	380	340	580	1650	1870	1590
28	340	320	230	200	760	1600	380	350	600	1670	1850	1590
29	340	.....	220	200	680	1500	370	330	620	1690	1830	1570
30	340	.....	220	200	620	1400	370	300	640	1710	1810	1560
31	340	.....	200	.....	560	.....	370	260	.....	1730	.....	1550
Mean	298	340	269	163	604	2692	545	394	31	1347	2122	1664
Max.	340	350	310	200	1100	10000	1300	520	640	1730	2720	1800
Min.	240	320	200	140	240	260	370	260	60	670	1760	1550
A. F.	18328	19597	16562	9719	37151	160227	33541	24318	17911	82930	126289	102349
Total 648,922 Acre Feet.												

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
JULESBURG, COLORADO—1924

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1540	1600	1600	2000	3000	5000	300	20	33	*	*	*
2	1540	1600	1600	2000	3000	6000	250	20	33	.....	.....	.....
3	1540	1600	1600	2000	3000	6160	200	22	33	.....	.....	.....
4	1540	1600	1600	2000	3000	6500	150	24	32	.....	.....	.....
5	1540	1600	1600	2000	3000	7000	60	25	32	.....	.....	.....
6	1540	1600	1380	2000	3000	9000	45	25	45	.....	.....	.....
7	1540	1600	1380	2000	3000	10000	45	40	45	.....	.....	.....
8	1540	1600	1380	2000	3000	10060	45	40	45	.....	.....	.....
9	1540	1600	1380	2000	3000	10000	45	40	45	.....	.....	.....
10	1540	1600	1380	2000	3000	11000	45	40	45	.....	.....	.....
11	1540	1640	1380	1300	1600	10000	45	40	75	.....	.....	.....
12	1540	1640	1380	1300	1600	9000	45	45	100	.....	.....	.....
13	1540	1740	1380	1300	1600	8000	45	45	130	.....	.....	.....
14	1540	1640	1380	1300	1600	6000	45	45	200	.....	.....	.....
15	1540	1640	1380	1300	1600	5000	45	45	247	.....	.....	.....
16	1540	1640	1990	1300	600	4000	37	48	247	.....	.....	.....
17	1540	1640	1990	1300	600	4500	37	48	247	.....	.....	.....
18	1540	1640	1990	1300	600	6500	37	48	247	.....	.....	.....
19	1540	1640	1990	1300	600	5500	37	48	247	.....	.....	.....
20	1540	1640	1990	1300	600	4200	37	48	247	.....	.....	.....
21	1540	1640	1990	2700	50	3000	30	30	247	.....	.....	.....
22	1540	1640	1990	2700	50	2500	30	30	247	.....	.....	.....
23	1540	1640	1990	2700	50	2000	30	30	247	.....	.....	.....
24	1540	1640	1990	2700	50	1500	30	27	247	.....	.....	.....
25	1540	1640	1990	2700	50	1000	30	27	247	.....	.....	.....
26	1540	1640	1990	2680	30	900	28	30	250	.....	.....	.....
27	1540	1640	1990	2680	60	860	27	31	250	.....	.....	.....
28	1540	1640	1990	2680	100	860	26	32	250	.....	.....	.....
29	1540	1640	1990	2680	1400	700	25	33	250	.....	.....	.....
30	1540	.....	1990	2680	3000	600	22	34	250	.....	.....	.....
31	1540	.....	1990	.....	5000	400	21	34	.....	.....	.....	.....
Mean	†1540	†1625	1694	1996	1640	†5086	61	35	162	.....	.....	.....
Max.	.....	1640	1990	2680	5000	11000	300	48	250	.....	.....	.....
Min.	.....	1600	1380	1300	30	400	21	20	32	.....	.....	.....
A. F.	94692	93541	104213	118811	100841	312758	3757	2179	9640	.....	.....	.....

\*No Record.

†Estimated January, February and June 6 to June 25.

### DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT JULESBURG, COLORADO—1925

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	340	589	490	175	57	28	23	37	21	44	760	450
2	340	580	490	175	57	28	20	37	21	44	760	450
3	340	580	490	175	57	28	23	37	21	44	450	450
4	340	580	490	175	57	28	23	37	21	42	270	375
5	340	580	490	175	57	28	20	37	21	42	200	650
6	340	580	450	200	32	50	20	22	22	45	240	450
7	340	580	450	200	32	220	20	22	22	45	270	450
8	340	580	450	200	32	190	20	22	22	100	350	450
9	340	580	450	160	32	90	20	22	23	100	400	450
10	340	580	450	160	32	65	20	22	27	100	440	450
11	3:0	580	400	140	38	55	20	23	31	120	140	440
12	3:0	580	400	140	38	50	30	22	35	120	440	440
13	340	580	400	120	38	45	45	22	39	120	375	440
14	340	580	400	100	38	45	45	22	42	150	375	440
15	340	580	400	83	38	25	45	22	45	150	375	440
16	340	580	400	83	30	23	45	23	47	150	375	440
17	340	580	400	95	30	25	45	23	45	150	441	440
18	340	580	400	95	30	23	45	23	43	170	375	440
19	340	580	400	95	30	23	45	23	41	170	375	440
20	340	580	400	95	30	21	45	23	38	170	375	440
21	340	580	350	80	30	33	40	24	37	170	375	440
22	340	580	340	75	30	30	40	27	36	170	375	440
23	340	580	330	70	30	30	40	29	35	170	375	440
24	340	580	330	70	30	27	40	31	34	180	440	440
25	340	580	300	55	30	27	40	35	33	200	375	440
26	340	580	300	50	22	27	37	35	32	200	340	440
27	340	580	280	50	22	25	37	33	34	200	440	440
28	340	580	280	50	22	25	37	31	36	200	440	440
29	340	.....	240	50	22	23	37	27	38	200	440	440
30	340	.....	240	50	22	23	37	24	40	200	550	440
31	340	.....	180	.....	22	.....	37	21	.....	430	.....	440
Mean	340	580	383	114	34	45	33	27	32	142	407	1430
Max.	340	580	490	200	57	220	45	37	47	430	760	650
Min.	340	580	180	50	22	23	20	21	21	42	200	440
A. F.	20900	32200	27555	6780	2120	2700	2025	1664	1950	8719	24270	26688

Total 153,616 Acre Feet.

†Estimated. River frozen from December 13 to December 31.

### DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT JULESBURG, COLORADO—1926

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	454	527	374	194	1260	467	191	49	37	160	375	402
2	465	492	364	189	1140	915	166	45	39	207	400	392
3	462	467	343	203	1080	795	172	42	61	308	385	395
4	475	414	319	202	1680	756	161	42	68	386	364	405
5	486	405	305	175	1080	680	151	36	62	430	368	408
6	478	402	302	164	1060	539	452	37	58	494	372	389
7	426	407	338	153	1600	609	343	38	54	581	379	410
8	419	418	330	145	1830	583	291	37	51	689	379	420
9	429	415	306	170	2130	460	916	38	49	694	358	415
10	439	381	321	179	2340	371	1770	48	53	616	361	403
11	444	346	281	189	2470	574	1680	260	57	542	349	417
12	399	423	261	231	2390	1530	1610	198	64	489	366	379
13	397	492	251	182	2160	1920	2030	431	100	462	374	180
14	479	488	247	167	1790	2040	2120	336	135	424	402	263
15	451	462	278	126	1510	2040	2120	282	154	412	388	327
16	507	446	307	92	1370	2090	1770	218	136	395	429	334
17	491	434	291	77	1310	3110	1480	169	138	381	342	377
18	491	469	281	66	1230	5060	1140	144	133	367	359	380
19	480	547	256	58	1200	5400	691	107	137	356	367	366
20	458	654	228	54	1170	5300	441	84	152	353	391	357
21	407	630	237	57	1120	4470	261	77	144	334	373	385
22	362	605	224	58	1090	2070	150	76	136	329	387	421
23	555	586	215	65	1050	3460	105	152	130	336	457	408
24	616	571	204	61	949	3010	85	129	123	345	453	369
25	620	564	209	59	795	2500	61	76	123	334	459	353
26	572	449	198	968	577	1750	78	58	130	333	469	317
27	640	473	194	2910	474	1210	65	54	139	325	438	281
28	631	417	167	2280	421	767	61	49	150	309	431	307
29	640	.....	199	1920	382	510	61	46	121	341	426	323
30	662	.....	204	1490	368	314	56	45	138	381	408	337
31	611	.....	223	.....	385	.....	51	44	.....	386	.....	377
Mean	499	478	270	419	1250	1910	669	111	105	403	394	364
Max.	662	654	374	2910	2470	5400	2120	431	168	694	469	421
Min.	362	346	167	54	368	314	51	37	37	160	342	180
A. F.	30700	26500	16600	24900	76900	114000	41100	6820	6250	24800	23400	22400

Total 114,370 Acre Feet.

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT JULESBURG, COLORADO—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	280	380	499	205	24	135	1120	894	20	475	350	352
2	272	350	522	207	24	415	863	763	20	548	358	390
3	288	360	530	179	34	665	1380	702	22	535	355	417
4	298	360	521	129	31	1130	1770	638	21	574	349	400
5	312	410	563	108	23	1170	1509	655	23	578	355	392
6	324	440	528	80	22	1180	1290	713	25	532	371	347
7	430	450	446	64	21	3010	1010	680	26	421	284	335
8	395	460	396	58	23	3820	720	571	24	380	384	308
9	395	440	327	52	24	3380	529	510	22	358	394	308
10	395	440	326	48	22	2500	396	437	22	337	384	332
11	430	430	277	44	33	2010	297	375	22	318	371	348
12	430	430	296	49	28	1680	236	339	24	293	347	342
13	432	440	328	52	33	1640	177	255	26	278	342	338
14	440	428	327	50	60	1750	173	144	26	258	348	334
15	475	414	370	46	143	1760	145	98	27	241	368	330
16	496	429	447	47	167	1610	125	84	27	225	362	326
17	530	394	488	46	390	1690	204	74	27	255	360	342
18	512	428	521	46	622	2350	236	68	27	303	360	356
19	456	436	556	43	797	2250	264	52	35	318	371	326
20	338	454	612	41	638	1610	555	41	36	323	368	334
21	356	450	570	50	381	1320	1060	35	33	351	356	348
22	366	440	513	48	507	1320	917	33	34	360	359	316
23	376	440	482	41	504	1320	882	28	32	539	359	324
24	356	406	411	37	534	1160	1010	25	34	342	356	326
25	344	380	346	34	551	1040	1080	25	33	208	356	328
26	332	390	378	34	528	1000	1220	22	36	246	362	328
27	344	440	313	32	429	1030	1410	20	36	315	364	334
28	362	480	278	33	328	867	1410	21	35	350	362	334
29	380	520	245	30	261	752	1240	23	32	362	385	348
30	404	-----	233	26	200	996	1120	20	33	373	392	360
31	416	-----	190	-----	151	-----	1080	19	-----	363	-----	324
Mean	388	425	414	652	243	1520	820	270	28	357	365	343
Max.	530	520	612	207	797	3820	1770	894	36	578	394	417
Min.	272	350	190	26	21	135	125	19	20	208	342	308
A. F.	22000	21700	21100	23700	24400	25500	3890	14900	90400	50400	16600	1670
Total	316,260 Acre Feet.											

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT OGALLALA, NEBRASKA—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	360	270	310	300	100	760	1700	520	150	520	1920	2250
2	360	270	310	290	100	720	1560	520	130	560	1980	2230
3	360	270	310	280	100	660	1300	520	110	580	2050	2210
4	360	270	310	260	100	626	1100	520	100	630	2100	2200
5	360	270	310	250	100	560	900	520	90	650	2150	2180
6	360	250	315	220	110	620	600	520	70	670	2180	2150
7	360	250	315	200	110	460	360	520	60	700	2220	2140
8	360	250	315	190	110	420	320	520	40	730	2280	2120
9	360	240	315	180	110	480	300	520	30	760	2340	2100
10	360	240	315	170	110	580	260	520	50	790	2400	2070
11	340	240	325	160	140	680	210	520	70	820	2480	2050
12	340	250	325	150	140	780	240	520	100	860	2580	2040
13	340	250	325	140	140	960	280	520	130	900	2600	2030
14	340	250	325	120	140	3000	300	510	150	940	2650	2020
15	340	260	325	100	140	10000	330	490	170	1000	2600	2010
16	330	260	340	90	160	8000	360	460	180	1040	2560	2000
17	330	260	340	80	160	8000	400	440	200	1140	2540	1990
18	330	270	340	70	160	7500	420	420	230	1280	2520	1980
19	330	270	340	70	300	7000	440	400	250	1330	2500	1970
20	330	280	340	70	540	6500	470	370	270	1370	2480	1950
21	320	280	340	70	800	6000	560	350	300	1420	2460	1920
22	320	290	340	70	1000	5500	640	330	320	1460	2440	1910
23	320	290	340	80	1230	5000	740	310	340	1520	2420	1900
24	320	290	340	80	1180	4500	800	290	360	1560	2400	1890
25	320	300	340	80	1120	4000	880	270	380	1600	2380	1870
26	300	300	340	80	1060	3600	980	250	410	1650	2360	1860
27	300	300	340	80	1020	3200	900	230	430	1700	2340	1850
28	300	300	350	80	960	3000	800	210	460	1750	2320	1840
29	300	-----	340	90	920	2500	720	200	480	1800	2300	1830
30	300	-----	320	90	850	2000	640	190	500	1840	2270	1820
31	300	-----	310	-----	820	-----	520	180	-----	1880	-----	1800
Mean	330	268	327	139	452	3286	646	408	218	1140	2360	2005
Max.	360	300	350	300	1230	10000	1700	520	500	1880	2650	2250
Min.	300	240	310	70	100	420	210	180	30	520	1920	1800
A. F.	20529	15511	20133	8311	27829	195375	39730	25111	13012	70315	140452	123334
Total	699,642 Acre Feet.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1915

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	11400	4740	3360	518	508	518	*	*	*
2				10400	3940	2520	685	985	518			
3				10400	3140	2520	685	775	375			
4				9360	6140	2520	602	595	375			
5				8330	5400	2920	518	400	342			
6				7390	5050	3140	518	255	310			
7				5750	3860	3360	518	375	310			
8				4420	3860	2920	518	275	310			
9				3360	3860	2920	374	374	310			
10				2520	3860	3360	375	375	310			
11				2340	3360	3140	375	C85	310			
12				2150	3860	3140	375	518	255			
13				1500	3860	3940	255	255	200			
14				1220	3860	4740	255	255	200			
15				1220	3860	4740	255	282	200			
16				1220	3290	5050	255	310	200			
17				1220	2720	5050	152	440	200			
18				1100	3140	5050	110	440	200			
19				985	3610	5050	68	310	200			
20				775	3610	3700	15	310	200			
21				880	3610	2340	15	310	200			
22				1360	3610	1980	15	310	200			
23				2720	4500	1660	68	310	200			
24				2030	5400	1660	15	310	105			
25				3140	4740	1360	22	310	200			
26				3360	4420	1220	30	518	288			
27				3360	7390	1000	30	375	375			
28				3360	11400	775	30	685	518			
29				2020	8330	775	30	602	518			
30				2920	7040	775	200	518	375			
31					5750		30	518				
Mean				3800	4650	2890	255	440	294			
Max.				11400	11400	5950	685	985	518			
Min.				775	2720	775	15	255	105			
A. F.				226000	288030	172000	15700	27100	17500			
* No Record.												

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1916

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	2.90	0.0	0.0	0.0	*	*	*	*
2					2.90	.0	.0	.0				
3					2.90	.0	.0	.0				
4					2.85	.0	.0	.0				
5					2.85	.0	.0	.0				
6					2.80	.0	.0	.0				
7					.00	.0	.0	.0				
8					2.75	.0	.0	.0				
9					.00	.0	.0	.0				
10					.00	.0	.0	.0				
11					.00	.0	.0	.0				
12					.00	.0	.0	.0				
13					2.80	.0	.0	.0				
14				3.10	.00	.0	.0	.0				
15				.00	.00	3.2	.0	.0				
16				.00	.00	3.1	.0	.0				
17				.00	.00	3.0	.0	.0				
18				3.10	.00	.0	.0	.0				
19				3.05	.00	3.0	.0	.0				
20				3.05	3.20	.0	.0	.0				
21				3.00	.00	3.1	.0	.0				
22				3.00	3.40	.0	.0	.0				
23				2.95	3.30	.0	.0	.0				
24				.00	3.20	.0	.0	.0				
25				2.95	3.10	.0	.0	.0				
26				2.95	3.00	.0	.0	.0				
27				.00	3.00	.0	.0	.0				
28				2.95	2.80	.0	.0	.0				
29				2.60	.00	.0	.0	.0				
30				.00	.00	.0	.0	.0				
31				.00	.00	.0	.0	.0				
* No Record.												

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	1000	11100	1200	0.0	0.0	15	*	*
2	.....	.....	.....	.....	1200	10100	1300	.0	.0	.0	.....	.....
3	.....	.....	.....	.....	1200	10100	1200	.0	.0	.0	.....	.....
4	.....	.....	.....	.....	1500	10100	1200	.0	.0	.0	.....	.....
5	.....	.....	.....	.....	1500	9300	1000	.0	.0	65	.....	.....
6	.....	.....	.....	.....	1200	9000	1000	.0	.0	45	.....	.....
7	.....	.....	.....	.....	1200	9850	850	.0	.0	45	.....	.....
8	.....	.....	.....	.....	1000	10100	850	.0	.0	45	.....	.....
9	.....	.....	.....	.....	1000	9850	850	.0	.0	65	.....	.....
10	.....	.....	.....	.....	1000	9600	750	.0	.0	90	.....	.....
11	.....	.....	.....	.....	750	9000	600	.0	.0	270	.....	.....
12	.....	.....	.....	.....	400	8500	600	.0	.0	400	.....	.....
13	.....	.....	.....	.....	600	7400	400	.0	.0	400	.....	.....
14	.....	.....	.....	.....	750	6300	600	.0	.0	750	.....	.....
15	.....	.....	.....	.....	600	5450	300	.0	.0	1000	.....	.....
16	.....	.....	.....	.....	400	4900	200	.0	.0	1000	.....	.....
17	.....	.....	.....	.....	300	4600	300	.0	.0	1000	.....	.....
18	.....	.....	.....	.....	400	4600	90	.0	.0	750	.....	.....
19	.....	.....	.....	.....	400	3500	45	.0	.0	850	.....	.....
20	.....	.....	.....	.....	325	3500	70	.0	.0	850	.....	.....
21	.....	.....	.....	.....	500	3000	45	.0	.0	750	.....	.....
22	.....	.....	.....	.....	650	1950	45	.0	.0	750	.....	.....
23	.....	.....	.....	.....	750	2300	55	.0	.0	750	.....	.....
24	.....	.....	.....	.....	500	1750	45	.0	.0	750	.....	.....
25	.....	.....	.....	.....	750	2100	45	.0	15	1000	.....	.....
26	.....	.....	.....	.....	750	1750	40	.0	65	1000	.....	.....
27	.....	.....	.....	.....	1200	1900	1750	30	.0	65	1000	.....
28	.....	.....	.....	.....	1500	1500	1550	15	.0	45	850	.....
29	.....	.....	.....	.....	1200	2500	1250	15	.0	30	850	.....
30	.....	.....	.....	.....	1200	4400	1500	15	.0	15	750	.....
31	.....	.....	.....	.....	.....	8500	.....	15	.0	.....	750	.....
Mean	.....	.....	.....	.....	1275	1242	5855	453	.0	39	601	.....
Max.	.....	.....	.....	.....	1500	8500	11000	1500	.0	65	1000	.....
Min.	.....	.....	.....	.....	1200	300	1250	15	.0	.0	.0	.....
A. F.	.....	.....	.....	.....	10115	76414	348401	27907	.0	466	33402	.....

\*No Record.

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1918

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	315	140	*	430	*	260	*	*
2	.....	.....	.....	.....	345	150	.....	315	30	260	.....	.....
3	.....	.....	.....	.....	315	170	.....	285	80	240	.....	.....
4	.....	.....	.....	.....	370	170	30	240	80	225	.....	.....
5	.....	.....	.....	.....	290	260	200	200	30	200	.....	.....
6	.....	.....	.....	.....	225	215	140	200	15	200	.....	.....
7	.....	.....	.....	.....	220	170	80	370	.....	200	.....	.....
8	.....	.....	.....	.....	200	80	30	255	.....	230	.....	.....
9	.....	.....	.....	.....	200	55	15	140	.....	260	.....	.....
10	.....	.....	.....	.....	260	30	.....	140	.....	260	.....	.....
11	.....	.....	.....	.....	260	30	.....	.....	.....	260	.....	.....
12	.....	.....	.....	.....	260	.....	.....	.....	.....	260	.....	.....
13	.....	.....	.....	.....	370	260	.....	200	.....	.....	.....	.....
14	.....	.....	.....	.....	400	200	.....	80	.....	260	.....	.....
15	.....	.....	.....	.....	460	110	.....	30	.....	260	.....	.....
16	.....	.....	.....	.....	460	80	.....	15	30	.....	.....	.....
17	.....	.....	.....	.....	460	30	.....	.....	80	260	.....	.....
18	.....	.....	.....	.....	430	30	.....	.....	140	.....	.....	.....
19	.....	.....	.....	.....	400	30	.....	260	200	.....	.....	.....
20	.....	.....	.....	.....	370	30	.....	315	200	.....	.....	.....
21	.....	.....	.....	.....	370	80	.....	315	200	285	.....	.....
22	.....	.....	.....	.....	370	80	.....	370	200	260	.....	.....
23	.....	.....	.....	.....	400	80	.....	370	200	260	.....	.....
24	.....	.....	.....	.....	370	140	.....	315	200	260	.....	.....
25	.....	.....	.....	.....	430	140	.....	285	260	.....	.....	.....
26	.....	.....	.....	.....	415	140	.....	260	260	315	.....	.....
27	.....	.....	.....	.....	400	140	.....	485	200	260	.....	.....
28	.....	.....	.....	.....	385	170	.....	460	200	260	315	.....
29	.....	.....	.....	.....	370	200	.....	430	80	260	315	.....
30	.....	.....	.....	.....	370	200	.....	315	80	260	315	.....
31	.....	.....	.....	.....	200	.....	.....	575	30	260	.....	.....
Mean	.....	.....	.....	.....	401	180	49	138	193	116	259	.....
Max.	.....	.....	.....	.....	460	370	260	575	430	260	315	.....
Min.	.....	.....	.....	.....	370	30	30	15	15	15	260	.....
A. F.	.....	.....	.....	.....	14340	11107	2915	5474	11861	6436	12337	.....

\*No Record.



DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*				450	350	30	60	*	*	*
2						450	310	25	70			
3						350	225	50	100			
4						350	660	120	90			
5						400	700	200	90			
6						450	660	170	70			
7						350	450	150	80			
8						325	400	120	70			
9						550	860	100	60			
10						350	550	80	55			
11						500	350	60	30			
12						700	270	60	45			
13						860	250	60	30			
14						800	250	100	*			
15						700	250	90				
16						660	225	80				
17				960	550	180	60					
18				860	550	150	60					
19				860	450	150	60					
20				700	300	150	55					
21				550	270	225	80					
22				550	270	180	60					
23				960	250	180	60					
24				600	225	140	40					
25				450	225	110	20					
26				450	180	100	20					
27				350	170	80	20					
28				450	200	70						
29				550	250	50						
30				500	280	40						
31					250		70					
Mean				627	409	285	68	27				
Max.				960	860	860	200	100				
Min.				250	170	40	0	0				
A. F.				17435	25121	16989	4165	1686				

\*No Record.

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	900	450	1050	1200	350	*	*	250	*	*
2			900	500	1050	1050	250			130		
3			2500	450	1050	1050	250			130		
4			1600	450	1050	750	140		130	130		
5			1900	750	1050	600	140		140	200		
6			1600	600	1050	350	75		175	209		
7			750	400	1050	250	50		200	130		
8			1400	350	1050	250	75		225	130		
9			1100	500	900	140	100		250	175		
10			1600	350	1050	125	75		250	175		
11			1900	450	1200	75	75		300	200		
12			1900	1050	1600	75	60		250	200		
13			2300	1050	1900	75	60		250	200		
14			1100	1000	1700	75	40		250	200		
15			400	650	1700	140	30		250	200		
16			450	900	1700	140	10		250	225		
17			6600	900	1400	140	10		250	225		
18			150	900	1400	50	10		300	225		
19			75	1200	1200	50	10		300	225		
20			250	1400	1200	140	10		225	225		
21			450	1200	1200	75	10		200	200		
22			500	1200	1050	50	5		250	200		
23			450	1200	900	50			250	200		
24			450	1550	750	140			150	200		
25			500	1550	750	350			225	250		
26			450	1700	600	450			250	250		
27			450	1550	450	450			250	200		
28			500	1350	250	400			250	200		
29			350	1200	900	400			130	175		
30			450	1050	1050	400			130	200		
31			450		1200					300		
Mean			915	928	1111	316	59		203	198		
Max.			2500	1700	1900	1200	350		300	300		
Min.			75	350	250	50				130		
A. F.			56281	55240	68332	18823	3640		12059	12198		

\*No Record.

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1921

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	450	350	300	8000	370	40	290	650	*
2	.....	.....	.....	450	350	300	7200	300	40	400	650	.....
3	.....	.....	.....	400	450	280	6300	230	35	450	620	.....
4	.....	.....	.....	300	450	275	5300	180	20	480	620	.....
5	.....	.....	.....	250	600	275	4500	150	15	400	620	.....
6	.....	.....	.....	400	400	275	4000	70	15	400	590	.....
7	.....	.....	.....	350	500	275	3500	70	20	400	620	.....
8	.....	.....	.....	300	350	400	3000	50	35	400	620	.....
9	.....	.....	.....	250	350	600	2400	50	35	370	620	.....
10	.....	.....	.....	375	300	650	1600	50	40	350	620	.....
11	.....	.....	.....	350	275	3300	600	50	70	370	620	.....
12	.....	.....	.....	300	300	5500	550	40	50	400	620	.....
13	.....	.....	.....	300	300	22000	500	30	50	400	620	.....
14	.....	.....	.....	300	300	21000	450	40	40	430	620	.....
15	.....	.....	.....	350	600	20000	450	450	50	430	570	.....
16	.....	.....	.....	400	350	20000	450	300	50	400	540	.....
17	.....	.....	.....	300	500	18400	450	200	50	430	540	.....
18	.....	.....	.....	300	500	17600	420	150	50	430	620	.....
19	.....	.....	.....	300	500	16800	390	175	100	430	570	.....
20	.....	.....	.....	350	400	16000	360	90	70	430	570	.....
21	.....	.....	.....	350	375	15200	330	70	150	430	570	.....
22	.....	.....	.....	350	300	14400	300	70	175	430	570	.....
23	.....	.....	.....	350	275	13600	270	70	150	430	570	.....
24	.....	.....	.....	400	275	12800	240	175	100	500	570	.....
25	.....	.....	.....	450	275	12000	210	150	70	500	Ice	.....
26	.....	.....	.....	350	375	11200	180	150	60	620	.....	.....
27	.....	.....	.....	350	300	10400	140	70	50	620	.....	.....
28	.....	.....	.....	350	275	9600	100	70	50	620	.....	.....
29	.....	.....	.....	450	275	8800	90	50	40	620	.....	.....
30	.....	.....	.....	350	280	8000	70	40	50	620	.....	.....
31	.....	.....	.....	.....	300	.....	70	40	.....	620	.....	.....
Mean	.....	.....	.....	381	359	9341	1691	129	59	455	600	.....
Max.	.....	.....	.....	450	600	22000	8000	450	175	620	650	.....
Min.	.....	.....	.....	250	275	275	70	30	15	290	540	.....
A. F.	.....	.....	.....	20678	22076	555836	103975	7934	3510	27967	28582	.....

\*No Record.

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	4	600	1100	150	0	0	0	0	0	90
2	.....	.....	.....	600	1100	200	0	0	0	0	0	90
3	.....	.....	.....	450	1000	200	0	10	0	0	0	90
4	.....	.....	.....	450	850	200	0	50	0	0	0	80
5	.....	.....	.....	450	850	100	0	25	0	0	0	70
6	.....	.....	.....	450	700	100	0	15	0	0	0	70
7	.....	.....	.....	450	700	80	0	10	0	0	25	50
8	.....	.....	.....	300	600	80	0	15	0	0	50	40
9	.....	.....	.....	200	450	80	0	10	0	0	50	30
10	.....	.....	.....	200	450	40	0	10	0	0	50	20
11	.....	.....	.....	150	200	40	0	10	0	0	50	15
12	.....	.....	.....	150	300	40	0	0	0	0	40	8
13	.....	.....	2600	100	450	25	15	0	0	0	40	8
14	.....	.....	1800	90	300	25	10	0	0	0	30	8
15	.....	.....	1100	80	300	40	0	0	0	0	30	8
16	.....	.....	1100	40	300	40	0	0	0	0	40	8
17	.....	.....	1100	40	200	30	25	0	0	0	100	8
18	.....	.....	1000	40	200	20	25	0	0	0	100	8
19	.....	.....	900	40	200	5	25	0	0	0	100	8
20	.....	.....	800	40	150	3	25	0	0	0	125	8
21	.....	.....	700	40	200	3	15	0	0	0	125	8
22	.....	.....	650	40	200	1	15	0	0	0	150	8
23	.....	.....	510	30	200	0	40	0	0	0	150	8
24	.....	.....	510	40	150	0	40	0	0	0	150	8
25	.....	.....	600	40	150	0	40	0	0	0	130	8
26	.....	.....	600	40	100	0	15	0	0	0	130	8
27	.....	.....	450	700	200	0	10	0	0	0	120	8
28	.....	.....	800	700	100	0	10	0	0	0	100	8
29	.....	.....	600	650	100	0	10	0	0	0	100	8
30	.....	.....	600	700	100	0	10	0	0	0	100	8
31	.....	.....	600	.....	100	.....	10	0	.....	0	.....	8
Mean	.....	.....	896	263	387	50	11	5	0	0	80	†22
Max.	.....	.....	2600	700	1100	200	40	50	0	0	150	90
Min.	.....	.....	510	30	100	0	0	0	0	0	0	0
A. F.	.....	.....	33769	15672	23804	2982	677	310	0	0	140	90

\*No Record.

†Estimated December 12 to December 31.

**DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1923**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	120	300	300	300	800	1900	850	300	500	1600	1800
2	25	120	360	300	300	700	1900	600	300	500	1600	1400
3	50	120	300	300	300	500	1400	750	200	600	1600	1400
4	75	375	270	300	300	400	1250	750	200	600	1600	1600
5	100	250	225	300	300	500	1100	700	200	700	1600	1600
6	150	250	375	230	300	600	850	650	200	700	1600	1600
7	200	375	340	300	300	400	750	650	190	700	1600	1400
8	400	460	340	230	230	400	525	700	100	700	1800	1400
9	500	520	340	230	230	400	350	550	100	700	1800	1600
10	575	375	340	230	160	600	180	1100	100	700	1800	1800
11	525	375	340	160	160	600	100	800	100	950	1800	1600
12	500	375	300	120	230	600	350	700	90	950	2000	1250
13	600	270	300	120	230	700	350	500	90	950	2000	950
14	300	375	200	120	230	1000	350	500	90	950	2000	1250
15	200	575	270	120	230	1000	650	700	100	950	2300	1800
16	200	275	270	120	230	6000	750	600	110	800	2300	1800
17	300	340	270	120	230	12000	850	600	200	800	2500	1800
18	400	300	270	80	230	8300	1100	700	200	800	2500	1800
19	350	525	340	80	375	7900	1000	500	200	800	2300	1800
20	350	575	270	80	300	8300	850	500	200	950	2300	1800
21	350	575	225	120	300	11200	750	500	200	1100	2300	1700
22	325	575	300	120	400	10900	750	500	200	1100	2000	1700
23	200	650	375	230	700	8300	1250	500	200	1250	2000	1700
24	200	1000	450	120	620	6500	1400	500	200	1100	2000	1700
25	400	1000	450	160	700	5400	1400	500	200	1250	2000	1700
26	400	700	450	230	700	4300	1400	700	300	1250	2000	1700
27	375	350	450	230	700	3700	1000	300	500	1400	2300	1700
28	250	300	375	300	950	2900	1000	300	500	1400	2300	1700
29	375	.....	375	300	1250	2700	1100	300	500	1400	2300	1700
30	300	.....	340	300	1100	2300	1100	300	500	1400	2300	1700
31	170	.....	320	.....	950	.....	1000	300	.....	1400	.....	1600
Mean	†295	439	330	198	437	3663	926	587	226	9465	2003	†1615
Max.	600	1000	450	300	1250	12000	1900	1100	500	1400	2500	1800
Min.	8	120	225	80	160	400	100	300	90	500	1600	950
A. F.	18159	24397	20291	11801	26846	217986	56936	36100	13428	52216	119208	99274

Total 702,642 Acre Feet.

†Estimated January 1 to January 12 account of ice, also December 14 to December 31.

**DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—1924**

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1700	1100	1700	1700	1900	400	600	0	0	*	*	*
2	1700	1100	1600	1700	2200	800	450	0	0	.....	.....	.....
3	1600	1100	1500	1900	2200	1500	320	0	0	.....	.....	.....
4	1600	1100	1200	1900	2100	3200	260	0	0	.....	.....	.....
5	1500	1100	1200	1900	1900	5500	210	0	0	.....	.....	.....
6	1400	1100	1200	1700	1900	6500	160	0	0	.....	.....	.....
7	1400	1100	1000	1500	1900	7500	100	0	0	.....	.....	.....
8	1300	1100	800	1500	1900	8500	160	0	0	.....	.....	.....
9	1300	1100	900	1500	1900	7500	100	0	0	.....	.....	.....
10	1200	1100	1100	1500	2900	8000	80	0	0	.....	.....	.....
11	1200	1000	1100	1700	2500	8000	50	0	0	.....	.....	.....
12	1100	1000	1100	1500	2200	8000	40	0	0	.....	.....	.....
13	1100	1000	1000	1450	1900	8000	30	0	0	.....	.....	.....
14	1100	1000	1100	1200	1700	7500	30	0	0	.....	.....	.....
15	1100	1000	1000	1200	1500	5800	30	0	0	.....	.....	.....
16	1100	1000	800	1200	1400	4200	25	0	0	.....	.....	.....
17	1700	1000	1300	1200	1100	3900	25	0	0	.....	.....	.....
18	1100	1000	1500	1200	600	4600	15	0	0	.....	.....	.....
19	1100	1000	1700	1500	500	5800	15	0	0	.....	.....	.....
20	1100	1000	1700	1650	500	5800	15	0	0	.....	.....	.....
21	1100	1300	1300	2200	350	5000	15	0	15	.....	.....	.....
22	1100	1300	1300	2000	250	4200	15	0	30	.....	.....	.....
23	1100	1300	1700	2400	250	3100	10	0	50	.....	.....	.....
24	1100	1300	1700	2900	150	2700	0	0	100	.....	.....	.....
25	1100	1300	1700	2200	150	2500	0	0	140	.....	.....	.....
26	1100	1300	1700	2000	160	1700	0	0	140	.....	.....	.....
27	1100	1300	1700	1500	150	1300	0	0	210	.....	.....	.....
28	1100	1300	1700	1500	160	1000	0	0	210	.....	.....	.....
29	1100	1300	2000	1500	160	750	0	0	210	.....	.....	.....
30	1100	.....	1700	1700	160	650	0	0	210	.....	.....	.....
31	1100	.....	1700	.....	300	.....	0	0	.....	.....	.....	.....
Mean	†1223	†1127	1377	1683	1192	4463	87	0	45	.....	.....	.....
Max.	1700	1300	2000	2900	2900	8000	600	0	210	.....	.....	.....
Min.	1100	1000	800	1200	160	650	0	0	0	.....	.....	.....
A. F.	75860	64860	84695	100167	73270	266590	5345	0	2677	.....	.....	.....

\*No Record.

†Estimated for January and February.

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1925

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	400	800	440	100	3	0	0	0	0	0	280	280
2	400	800	440	440	3	0	0	0	0	0	100	280
3	400	800	440	280	2	0	0	0	0	0	160	360
4	400	800	350	130	1	0	0	0	0	0	280	360
5	400	800	350	130	1	0	0	0	0	0	280	100
6	400	1000	350	130	1	0	0	0	0	0	280	360
7	400	1000	350	180	0	0	0	0	0	0	280	160
8	400	1000	350	300	50	0	0	0	0	0	280	280
9	400	1000	350	300	60	95	0	0	0	0	160	360
10	400	1000	350	300	40	95	0	0	0	0	160	360
11	400	1300	350	180	0	160	0	0	0	0	160	360
12	400	1200	300	180	0	160	0	0	0	0	160	360
13	400	1130	300	180	0	160	0	0	0	0	160	360
14	400	1130	100	100	0	100	0	0	0	0	280	360
15	400	1130	300	100	95	100	0	0	0	0	360	360
16	400	970	440	100	95	70	0	0	0	0	280	360
17	400	1130	440	100	95	50	0	0	0	0	280	360
18	400	970	350	100	95	50	0	0	0	0	280	360
19	400	820	300	70	60	20	0	0	0	0	280	360
20	400	740	300	70	50	10	0	0	0	0	280	360
21	600	600	180	50	20	30	0	0	0	0	280	360
22	600	600	180	50	20	30	0	0	0	0	280	360
23	600	440	180	20	10	30	0	0	0	0	440	360
24	600	440	130	20	5	20	0	0	0	0	360	360
25	600	440	130	20	0	10	0	0	0	10	280	360
26	600	440	130	10	0	0	0	0	0	10	280	360
27	600	360	130	10	0	0	0	0	0	10	280	360
28	600	500	130	5	0	0	0	0	0	10	280	360
29	600	.....	100	5	0	0	0	0	0	10	280	360
30	600	.....	100	3	0	0	0	0	0	10	280	360
31	600	.....	100	.....	0	.....	0	0	.....	10	.....	360
Mean	471	978	272	122	23	40	0	0	0	2	260	337
Max.	600	1300	440	440	95	160	0	0	0	10	440	360
Min.	400	360	100	3	0	0	0	0	0	0	100	100
A. F.	28959	56291	56292	7265	1400	2260	0	0	0	139	15511	20747
Total	188,965 Acre Feet.											

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1926

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	335	500	500	200	1850	350	500	10	5	90	270	370
2	335	500	400	300	1550	500	350	10	5	90	240	370
3	335	500	400	200	1200	250	350	5	5	90	270	370
4	335	500	400	200	850	500	100	0	5	160	270	370
5	335	500	400	200	650	650	100	0	55	190	310	370
6	335	500	500	300	750	650	20	0	55	190	310	370
7	335	500	400	300	850	500	20	0	25	190	270	370
8	335	500	650	150	1050	500	20	0	15	270	270	370
9	335	500	500	150	1250	350	40	10	5	310	270	370
10	335	500	400	150	2000	500	60	10	0	370	190	370
11	335	500	400	100	2200	500	10	30	0	410	370	370
12	335	500	400	100	3050	350	650	30	0	370	370	370
13	335	500	400	100	3050	500	1500	90	0	370	370	370
14	335	500	700	100	3050	650	1200	70	0	370	520	370
15	335	500	400	100	3050	2200	1900	135	0	370	370	370
16	335	500	350	100	2600	2850	1900	135	0	370	310	370
17	335	500	350	90	1550	2500	1700	190	0	370	270	370
18	335	500	400	85	1550	2500	1550	190	0	370	140	370
19	335	500	400	80	1550	2650	1200	135	0	370	270	370
20	335	500	300	75	1250	4900	1000	135	5	370	520	370
21	335	500	400	75	1250	5600	850	115	15	370	650	370
22	335	500	400	75	1050	5600	650	90	15	310	650	370
23	335	500	300	75	1050	4700	500	135	55	410	650	370
24	335	500	300	80	850	4300	400	90	30	310	750	370
25	335	500	300	70	850	3500	250	55	55	370	650	370
26	335	500	400	70	850	2500	150	55	55	270	520	370
27	335	500	400	50	850	2100	150	55	55	270	370	370
28	335	500	300	50	1050	1450	125	30	70	270	650	370
29	335	.....	350	250	650	750	125	30	70	270	520	370
30	335	.....	400	1500	500	650	100	15	90	270	550	370
31	335	.....	300	.....	650	.....	75	5	.....	270	.....	370
Mean	†335	†500	390	179	1435	1850	566	61	23	298	405	†370
Max.	335	500	700	1500	3050	5600	1500	190	90	410	750	370
Min.	335	500	3000	50	500	350	20	0	0	90	140	370
A. F.	20598	27769	24000	10661	88265	110084	34800	3728	1368	18327	24079	22750
Total	386,429 Acre Feet.											
†	Estimated.											

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1927

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	809	1000	1000	1500	1800	40	10	0	0	0	220	250
2	800	1009	1000	1500	1500	40	10	125	0	0	220	250
3	800	1000	1000	1500	1700	160	5	10	0	0	250	250
4	800	1000	1000	1300	1600	50	5	5	0	0	220	250
5	800	1000	1000	900	1500	50	5	5	0	250	220	250
6	800	1000	1100	800	1050	100	0	5	0	330	220	250
7	800	1000	1100	950	850	50	0	0	0	330	250	250
8	800	1000	1100	950	950	10	0	0	0	330	250	250
9	800	1000	1100	950	1150	5	0	330	0	330	330	250
10	800	1000	1100	1300	950	5	0	330	0	220	330	250
11	800	1009	1100	1300	850	5	0	220	0	220	330	250
12	800	1009	1100	1450	850	100	0	250	0	220	220	250
13	800	1009	1100	1600	750	160	0	160	0	220	220	250
14	800	1000	1100	2070	850	120	0	160	0	180	220	250
15	800	1000	1100	1850	750	120	0	220	0	160	220	250
16	800	1000	1350	1450	750	250	0	250	0	220	330	250
17	800	1000	1350	1600	750	330	0	180	0	220	430	250
18	800	1000	1350	2000	600	450	0	220	0	220	430	250
19	800	1000	1350	2200	600	450	0	220	0	180	430	250
20	800	1000	1350	2400	450	500	0	220	0	180	430	250
21	800	1000	1600	2400	200	330	0	220	0	180	250	250
22	800	1000	1600	2200	50	220	0	180	0	180	330	250
23	800	1000	1600	2400	65	120	0	180	0	180	250	250
24	800	1000	1600	2200	65	220	0	160	0	180	330	250
25	800	1000	1600	2200	50	220	0	100	0	180	330	250
26	800	1000	1350	2000	15	180	0	100	0	220	330	250
27	800	1000	1350	2000	60	180	0	100	0	220	330	250
28	800	1000	1350	2000	40	100	0	50	0	220	250	250
29	800	-----	1350	1900	40	50	0	40	0	180	250	250
30	800	-----	1350	1900	5	5	0	30	0	220	250	250
31	800	-----	1350	1900	5	-----	0	0	-----	220	-----	250
Mean	†800	†1000	1253	1690	672	154	1.1	131	0	193	290	†250
Max.	800	1000	1600	2400	1800	500	10.0	330	0	330	430	250
Min.	800	1000	1000	800	5	5	0	0	0	0	220	250
A. F.	49190	55538	77058	100563	41346	9164	69.0	8072	0	11881	17256	15372

Total 385,509 Acre feet.  
†Estimated.

DISCHARGE IN SECOND FEET, SOUTH PLATTE RIVER AT  
NORTH PLATTE, NEBRASKA—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	425	650	700	300	10	350	850	1450	5	2	600	500
2	425	650	700	200	10	600	1100	1250	5	2	450	500
3	425	650	700	250	70	350	1200	1250	5	2	450	500
4	425	650	700	200	60	450	1000	1450	5	2	450	500
5	425	650	700	200	60	600	1450	850	5	2	550	500
6	425	650	700	175	60	950	1850	750	3	2	550	350
7	425	650	700	175	60	950	1700	700	3	2	550	350
8	425	650	700	200	40	1550	1200	700	3	2	550	350
9	425	650	700	150	40	1850	1000	700	3	2	550	350
10	425	650	700	175	40	3850	700	550	3	2	450	350
11	425	375	500	125	20	3500	550	550	3	2	450	350
12	425	375	500	100	10	2800	700	400	2	2	400	350
13	425	375	500	100	10	2000	500	350	2	2	400	350
14	425	375	500	100	100	2000	350	300	2	5	500	350
15	425	375	500	75	450	1700	550	225	2	5	450	350
16	425	375	500	50	225	2000	300	225	2	5	550	500
17	425	375	500	50	200	2000	300	950	2	5	500	500
18	425	375	500	50	180	2500	700	150	2	3	550	500
19	425	375	500	40	200	2350	550	125	2	4	550	500
20	425	375	500	40	200	2800	400	75	3	4	550	500
21	425	375	500	30	600	2350	750	50	3	2	550	500
22	425	375	500	10	600	2800	550	20	3	2	450	500
23	425	375	500	10	400	2800	1100	20	3	350	450	500
24	425	375	500	10	450	1450	1000	20	2	350	450	500
25	425	375	500	10	480	1450	800	10	2	300	450	500
26	425	375	500	10	480	1350	800	5	2	300	550	500
27	425	375	500	10	480	1350	1350	5	2	250	550	500
28	425	375	500	10	375	1200	2250	5	2	250	550	500
29	425	375	500	5	325	1100	2250	5	2	250	550	500
30	425	-----	500	5	325	1550	2000	5	2	250	450	500
31	425	-----	500	-----	300	-----	1550	5	-----	400	-----	500
Mean	425	319	580	95	221	1751	1011	424	3	99	502	451
Max.	425	650	700	300	480	3850	1850	1450	5	350	600	500
Min.	425	375	500	5	10	350	300	5	2	2	400	350
A. F.	26132	26281	34711	5682	13606	104232	62182	26083	168	6071	29851	27769

Total 362,768 Acre Feet.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
GOTHENBURG, NEBRASKA—1916

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	1555	2327	2000	1360	2900	*	*	*
2	.....	.....	.....	.....	1605	2492	1555	2390	1300	.....	.....	.....
3	.....	.....	.....	.....	1740	2562	1085	2070	1235	.....	.....	.....
4	.....	.....	.....	.....	1660	2335	950	2225	2480	.....	.....	.....
5	.....	.....	.....	.....	1635	2100	830	2015	1545	.....	.....	.....
6	.....	.....	.....	.....	1520	2580	485	1685	1465	.....	.....	.....
7	.....	.....	.....	.....	1350	2492	440	1635	1365	.....	.....	.....
8	.....	.....	.....	.....	1175	1930	520	1160	1440	.....	.....	.....
9	.....	.....	.....	.....	1175	1565	775	1040	1330	.....	.....	.....
10	.....	.....	.....	.....	1175	1565	775	1230	1255	.....	.....	.....
11	.....	.....	.....	.....	1169	1675	420	1645	1185	.....	.....	.....
12	.....	.....	.....	.....	935	1790	400	1825	2490	.....	.....	.....
13	.....	.....	.....	.....	1185	2130	360	1940	1185	.....	.....	.....
14	.....	.....	.....	.....	1210	2480	454	2052	1167	.....	.....	.....
15	.....	.....	.....	.....	1440	2685	640	2310	1085	.....	.....	.....
16	.....	.....	.....	.....	1185	2685	747	2145	987	.....	.....	.....
17	.....	.....	.....	.....	1085	2040	855	1965	930	.....	.....	.....
18	.....	.....	.....	.....	1055	2210	685	2170	880	.....	.....	.....
19	.....	.....	.....	.....	1185	2402	1015	2015	880	.....	.....	.....
20	.....	.....	.....	.....	1409	2685	1185	2015	855	.....	.....	.....
21	.....	.....	.....	.....	1960	2060	932	2015	830	.....	.....	.....
22	.....	.....	.....	.....	2637	2685	943	3050	830	.....	.....	.....
23	.....	.....	.....	.....	1157	3060	925	3440	950	.....	.....	.....
24	.....	.....	.....	.....	4200	3060	910	2015	950	.....	.....	.....
25	.....	.....	.....	1750	4850	2685	955	1775	950	.....	.....	.....
26	.....	.....	.....	1815	3018	2625	1359	1465	858	.....	.....	.....
27	.....	.....	.....	1785	2462	2625	875	1500	910	.....	.....	.....
28	.....	.....	.....	1760	2600	2625	760	1422	885	.....	.....	.....
29	.....	.....	.....	1359	2715	2195	707	1341	980	.....	.....	.....
30	.....	.....	.....	.....	3492	2085	757	2700	900	.....	.....	.....
31	.....	.....	.....	.....	3440	.....	810	1570	.....	.....	.....	.....
Mean	.....	.....	.....	.....	1627	1860	2365	843	1885	1230	.....	.....
Max.	.....	.....	.....	.....	1815	4850	2890	2000	2960	2900	.....	.....
Min.	.....	.....	.....	.....	1359	935	1565	360	1040	830	.....	.....
A. F.	.....	.....	.....	.....	19550	115200	141900	52250	116850	73800	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
GOTHENBURG, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	23230	20300	2320	1635	3054	*	*
2	.....	.....	.....	.....	.....	25520	20710	2910	1485	2800	.....	.....
3	.....	.....	.....	.....	.....	24890	20710	2375	1335	2832	.....	.....
4	.....	.....	.....	.....	.....	22910	20710	2310	1335	2815	.....	.....
5	.....	.....	.....	.....	.....	22910	20120	2162	1335	2815	.....	.....
6	.....	.....	.....	.....	.....	24730	19620	2010	1338	2870	.....	.....
7	.....	.....	.....	.....	.....	24730	19120	2010	1640	3170	.....	.....
8	.....	.....	.....	.....	.....	24030	19120	2010	1865	3470	.....	.....
9	.....	.....	.....	.....	.....	24030	19120	2360	2127	3485	.....	.....
10	.....	.....	.....	.....	.....	22970	16500	2360	2590	3380	.....	.....
11	.....	.....	.....	.....	.....	21910	14870	2230	2601	3220	.....	.....
12	.....	.....	.....	.....	.....	21910	13495	2005	2175	3431	.....	.....
13	.....	.....	.....	.....	.....	21210	11540	1775	2415	2590	.....	.....
14	.....	.....	.....	.....	.....	20310	10660	1862	2625	2405	.....	.....
15	.....	.....	.....	.....	.....	19370	10095	1855	3345	2290	.....	.....
16	.....	.....	.....	.....	.....	19310	9530	2062	3325	2490	.....	.....
17	.....	.....	.....	.....	.....	19310	8660	2140	3304	2470	.....	.....
18	.....	.....	.....	.....	.....	5195	19310	8550	2900	5710	2125	.....
19	.....	.....	.....	.....	.....	4775	19310	8438	2417	4365	2410	.....
20	.....	.....	.....	.....	.....	6010	19710	8360	2630	3475	2210	.....
21	.....	.....	.....	.....	.....	7245	20020	8310	2600	3475	2385	.....
22	.....	.....	.....	.....	.....	12465	19900	8200	2600	3140	2510	.....
23	.....	.....	.....	.....	.....	12260	19900	8090	2138	3105	2690	.....
24	.....	.....	.....	.....	.....	12560	19830	7195	1740	3065	3005	.....
25	.....	.....	.....	.....	.....	14060	19800	6300	1340	3475	3255	.....
26	.....	.....	.....	.....	.....	19700	20500	6080	1490	3475	3555	.....
27	.....	.....	.....	.....	.....	19310	21300	5590	1640	3475	4010	.....
28	.....	.....	.....	.....	.....	18920	21400	4690	2028	3430	3660	.....
29	.....	.....	.....	.....	.....	19400	21500	3410	1628	3390	3255	.....
30	.....	.....	.....	.....	.....	20760	20710	3410	1628	3360	3505	.....
31	.....	.....	.....	.....	.....	18920	.....	3410	1628	.....	3980	.....
Mean	.....	.....	.....	.....	.....	13684	21549	11767	2098	2780	2370	.....
Max.	.....	.....	.....	.....	.....	20760	25520	20710	2920	5710	4010	.....
Min.	.....	.....	.....	.....	.....	4775	19310	3410	1340	1335	2125	.....
A. F.	.....	.....	.....	.....	.....	379998	1282273	723590	129052	165453	182624	.....

\*No Record.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
LEXINGTON, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	21000	19300	1500	1000	3800	.....	.....
2	.....	.....	.....	.....	.....	21000	19800	1500	1000	3800	.....	.....
3	.....	.....	.....	.....	.....	21000	19800	1500	1000	3800	.....	.....
4	.....	.....	.....	.....	.....	21000	18700	1200	1000	3800	.....	.....
5	.....	.....	.....	.....	.....	21000	17700	1200	1000	3000	.....	.....
6	.....	.....	.....	.....	.....	19800	16600	1200	1000	4900	.....	.....
7	.....	.....	.....	.....	.....	19800	15600	1000	1200	5400	.....	.....
8	.....	.....	.....	.....	.....	14700	15600	1200	1200	6000	.....	.....
9	.....	.....	.....	.....	.....	14700	15600	1200	1550	6000	.....	.....
10	.....	.....	.....	.....	.....	18000	14500	1500	1900	7100	.....	.....
11	.....	.....	.....	.....	.....	21800	12400	1500	3000	3800	.....	.....
12	.....	.....	.....	.....	.....	19400	10200	1350	1900	4900	.....	.....
13	.....	.....	.....	.....	.....	17700	8100	1200	1900	3800	.....	.....
14	.....	.....	.....	.....	.....	17700	8100	1500	2400	3800	.....	.....
15	.....	.....	.....	.....	.....	17700	7050	1500	4900	3800	.....	.....
16	.....	.....	.....	.....	.....	16600	6900	1900	4900	3800	.....	.....
17	.....	.....	.....	.....	.....	16600	7100	1900	4900	3800	.....	.....
18	.....	.....	.....	.....	.....	16600	6900	3000	13500	3000	.....	.....
19	.....	.....	.....	.....	.....	17700	6000	2800	9200	3800	.....	.....
20	.....	.....	.....	.....	.....	18800	6090	2400	7100	3000	.....	.....
21	.....	.....	.....	.....	10200	19800	6000	1900	6000	3000	.....	.....
22	.....	.....	.....	.....	13500	18800	6000	1900	3800	3400	.....	.....
23	.....	.....	.....	.....	17700	17700	6000	1500	3800	3800	.....	.....
24	.....	.....	.....	.....	18800	17100	4900	1500	3800	6000	.....	.....
25	.....	.....	.....	.....	17700	16600	4500	1200	6000	4900	.....	.....
26	.....	.....	.....	.....	19800	17700	3800	1000	3800	6000	.....	.....
27	.....	.....	.....	.....	19800	17700	3800	800	6000	6000	.....	.....
28	.....	.....	.....	.....	19800	18800	3800	1200	6000	6500	.....	.....
29	.....	.....	.....	.....	21000	18800	3100	1200	3800	7100	.....	.....
30	.....	.....	.....	.....	20400	18800	2400	1900	3800	3800	.....	.....
31	.....	.....	.....	.....	19800	.....	2400	1200	.....	7100	.....	.....
Mean	.....	.....	.....	.....	18045	18480	9588	1527	3745	4603	.....	.....
Max.	.....	.....	.....	.....	21000	21800	19800	3000	13500	7100	.....	.....
Min.	.....	.....	.....	.....	10200	14700	2400	800	1000	3000	.....	.....
A. F.	.....	.....	.....	.....	386782	1099652	589595	93918	222846	283045	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
LEXINGTON, NEBRASKA—1918

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	*	5200	2200	1000	*	*	*
2	.....	.....	.....	.....	.....	.....	8200	1900	900	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	6250	1600	750	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	5200	1400	1150	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	4250	1250	700	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	4250	1250	700	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	2500	1900	950	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	1400	1300	1000	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	1100	2200	1050	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	1100	1600	1100	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	1100	1600	950	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	1100	1600	950	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	1400	1300	950	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	900	1900	1150	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	750	2600	1150	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	1400	1900	1150	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	1850	1600	1400	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	2850	1600	1400	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	5200	1600	1400	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	6200	1600	1700	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	3800	1900	2000	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	2300	2600	2150	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	2850	2600	2300	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	2750	2200	2300	.....	.....	.....
25	.....	.....	.....	.....	.....	5150	2900	2000	2000	.....	.....	.....
26	.....	.....	.....	.....	.....	4250	2900	1900	2000	.....	.....	.....
27	.....	.....	.....	.....	.....	5150	3450	1600	2300	.....	.....	.....
28	.....	.....	.....	.....	.....	7400	3000	500	2700	.....	.....	.....
29	.....	.....	.....	.....	.....	10300	2600	1300	2900	.....	.....	.....
30	.....	.....	.....	.....	.....	9000	3000	1000	3100	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	1600	1300	.....	.....	.....	.....
Mean	.....	.....	.....	.....	.....	6875	3011	1703	1508	.....	.....	.....
Max.	.....	.....	.....	.....	.....	10300	8200	2600	3100	.....	.....	.....
Min.	.....	.....	.....	.....	.....	4250	750	500	700	.....	.....	.....
A. F.	.....	.....	.....	.....	.....	81819	185160	104729	89753	.....	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT LEXINGTON, NEBRASKA—1919

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	2950	2950	1600	1425	0	80	2300	*	*
2	.....	.....	.....	2950	3500	1850	1050	0	70	1850	.....	.....
3	.....	.....	.....	2950	2950	2950	550	0	70	1425	.....	.....
4	.....	.....	.....	3500	2625	2950	800	0	80	1425	.....	.....
5	.....	.....	.....	1425	2300	3500	1050	0	70	1650	.....	.....
6	.....	.....	.....	1850	2300	5250	1450	550	50	1850	.....	.....
7	.....	.....	.....	2300	2950	5250	-850	250	0	1850	.....	.....
8	.....	.....	.....	2300	2950	5250	1050	250	0	2950	.....	.....
9	.....	.....	.....	2950	2300	5250	1050	1425	0	2950	.....	.....
10	.....	.....	.....	4700	2950	5950	1050	1200	0	2950	.....	.....
11	.....	.....	.....	4400	3225	5250	800	1050	0	3500	.....	.....
12	.....	.....	.....	4100	3500	4700	550	550	0	3275	.....	.....
13	.....	.....	.....	4400	4700	4700	1050	350	0	2950	.....	.....
14	.....	.....	.....	4700	4100	3550	1050	250	0	2300	.....	.....
15	.....	.....	.....	4700	4100	3250	1050	70	1425	3500	.....	.....
16	.....	.....	.....	4700	4100	2950	1850	60	1850	3500	.....	.....
17	.....	.....	.....	4100	3500	2300	1050	0	1050	3500	.....	.....
18	.....	.....	.....	4100	2750	1850	800	0	4700	3500	.....	.....
19	.....	.....	.....	2300	1850	1425	800	0	4100	3500	.....	.....
20	.....	.....	.....	2625	1425	2300	550	0	4100	3500	.....	.....
21	.....	.....	.....	2950	1425	2300	550	0	3900	2950	.....	.....
22	.....	.....	.....	2300	1425	2300	550	0	3500	3500	.....	.....
23	.....	.....	.....	1850	1425	2300	250	0	3500	2950	.....	.....
24	.....	.....	.....	2300	1050	1425	250	0	4100	2950	.....	.....
25	.....	.....	.....	2300	1050	1050	90	0	2650	3500	.....	.....
26	.....	.....	.....	2950	1050	1050	90	0	2950	3500	.....	.....
27	.....	.....	.....	2625	1050	2450	70	350	1425	3500	.....	.....
28	.....	.....	.....	2300	1050	2950	50	350	1425	2950	.....	.....
29	.....	.....	.....	2950	1050	1850	25	550	1425	3500	.....	.....
30	.....	.....	.....	2950	1425	1150	25	140	1850	3500	.....	.....
31	.....	.....	.....	.....	1425	.....	25	100	.....	2950	.....	.....
Mean	.....	.....	.....	3133	2401	3070	737	242	1475	2902	.....	.....
Max.	.....	.....	.....	4700	4700	5950	1850	1425	4700	3500	.....	.....
Min.	.....	.....	.....	1425	1050	1050	25	0	0	1425	.....	.....
A. F.	.....	.....	.....	186399	147672	182680	45323	14866	87810	178465	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT LEXINGTON, NEBRASKA—1920

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	.....	5000	6200	7500	1600	1800	1800	2300	*
2	.....	.....	.....	.....	5000	6200	5500	1500	1600	1600	2300	.....
3	.....	.....	.....	.....	5000	6200	5500	1700	2300	1700	2600	.....
4	.....	.....	.....	.....	4400	7300	6200	1600	2300	1800	2600	.....
5	.....	.....	.....	.....	4400	9700	6900	1800	2600	1800	2000	.....
6	.....	.....	.....	.....	4400	9700	7500	2000	2600	2000	3300	.....
7	.....	.....	.....	.....	6000	8600	6200	2150	2600	2000	3300	.....
8	.....	.....	.....	.....	6000	10300	5500	2300	2600	2000	3300	.....
9	.....	.....	.....	.....	6000	9700	4100	2450	2600	2000	2300	.....
10	.....	.....	.....	.....	4200	6000	8600	5500	2300	2900	2000	2300
11	.....	.....	.....	.....	4200	6000	8600	4800	2300	2600	2000	2300
12	.....	.....	.....	.....	4200	8400	8600	4100	2300	2300	2000	2300
13	.....	.....	.....	.....	4200	11000	8000	3750	2100	2300	2600	1600
14	.....	.....	.....	.....	5200	14000	8000	3400	1800	2600	2300	1800
15	.....	.....	.....	.....	7000	14000	8600	3200	1700	2300	3300	2000
16	.....	.....	.....	.....	4200	12000	7300	2500	1600	2600	2600	2300
17	.....	.....	.....	.....	4200	11000	8500	2500	1800	2600	2600	2300
18	.....	.....	.....	.....	4700	14000	8500	2500	2000	2300	2600	2300
19	.....	.....	.....	.....	5200	11600	10400	3200	1600	2300	2600	2600
20	.....	.....	.....	.....	7500	11000	14000	3200	3300	2000	2600	4300
21	.....	.....	.....	.....	7000	8500	15000	2700	2600	2000	2900	3800
22	.....	.....	.....	.....	7900	6000	16400	2700	2200	2000	2300	3300
23	.....	.....	.....	.....	7900	5200	15800	2400	1800	2000	2300	3300
24	.....	.....	.....	.....	8100	4400	14200	2400	1600	2300	2300	2600
25	.....	.....	.....	.....	8500	5000	13500	2300	1250	2000	2300	2600
26	.....	.....	.....	.....	9000	7000	12000	2100	1250	1900	2300	2600
27	.....	.....	.....	.....	9000	4400	11500	2100	1100	1800	2600	2600
28	.....	.....	.....	.....	9000	3800	10900	2500	1600	1800	2300	2600
29	.....	.....	.....	.....	8000	3800	10900	2200	1600	1600	2600	2600
30	.....	.....	.....	.....	7100	4600	9700	1900	1600	1800	2000	2600
31	.....	.....	.....	.....	.....	5400	.....	1600	1800	.....	2100	.....
Mean	.....	.....	.....	.....	6490	7183	10100	3820	1881	2233	2255	1623
Max.	.....	.....	.....	.....	9000	14000	16400	7400	3300	2900	3300	4300
Min.	.....	.....	.....	.....	4200	3800	6200	1600	1100	1600	1600	1600
A. F.	.....	.....	.....	.....	260241	431615	590890	224835	106529	123785	129537	15601

\*No Record.



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
LEXINGTON, NEBRASKA—1921

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	2300	2550	4700	4600	1950	2250	2850	3750	*
2	.....	.....	.....	2000	2300	4700	3700	2300	2150	3000	3900	.....
3	.....	.....	.....	2300	2800	5200	3600	3100	2150	3100	4100	.....
4	.....	.....	.....	2800	3050	4700	3500	2400	2150	3100	4100	.....
5	.....	.....	.....	2300	3500	5200	3400	2400	2150	2400	4100	.....
6	.....	.....	.....	2000	3900	5900	3000	2850	2150	3400	4100	.....
7	.....	.....	.....	2300	3300	7300	2500	2850	2150	3400	4100	.....
8	.....	.....	.....	2300	3300	5900	2200	2850	2250	3750	3750	.....
9	.....	.....	.....	2000	3300	12300	2300	2650	2300	3400	4100	.....
10	.....	.....	.....	2000	3300	6600	2100	3400	1950	3400	3900	.....
11	.....	.....	.....	2000	2500	10900	2000	3650	2050	3400	4000	.....
12	.....	.....	.....	1450	1700	19000	1850	2450	2250	3600	4100	.....
13	.....	.....	.....	1200	2000	33000	1700	2450	2300	3400	4100	.....
14	.....	.....	.....	1450	7000	35400	1800	2650	2300	3600	4100	.....
15	.....	.....	.....	1100	2150	35400	1850	3850	2300	3750	4600	.....
16	.....	.....	.....	1700	2300	34000	1850	3250	2450	3500	4100	.....
17	.....	.....	.....	2300	2500	31800	1800	2850	2450	3250	4100	.....
18	.....	.....	.....	2150	2550	31800	1700	2650	2650	3900	4100	.....
19	.....	.....	.....	2050	2800	29750	2050	2150	2850	3400	4100	.....
20	.....	.....	.....	2000	2800	28600	1850	2150	2450	3750	3700	.....
21	.....	.....	.....	2000	2800	27500	1700	2150	2850	3750	3400	.....
22	.....	.....	.....	2000	2550	29000	1650	2100	2850	3900	3400	.....
23	.....	.....	.....	2000	2300	27000	1650	2100	2850	4100	3400	.....
24	.....	.....	.....	1850	2300	25000	1800	2300	2300	4100	3400	.....
25	.....	.....	.....	1700	2000	22800	1900	2300	2550	4350	3400	.....
26	.....	.....	.....	1700	2300	20700	1950	2150	2850	4600	3400	.....
27	.....	.....	.....	2800	2000	18700	1700	3150	2650	6200	3400	.....
28	.....	.....	.....	2800	2800	15550	1950	2300	2850	4900	3400	.....
29	.....	.....	.....	2300	3900	12500	1850	2450	3000	4900	3400	.....
30	.....	.....	.....	2800	4000	8300	1750	2250	3100	4400	3400	.....
31	.....	.....	.....	.....	5900	.....	1850	2300	.....	4100	.....	.....
Mean	.....	.....	.....	2070	2844	18640	2229	2497	2452	3795	†3986	.....
Max.	.....	.....	.....	2800	5900	35400	4600	3400	3100	6200	4600	.....
Min.	.....	.....	.....	1450	1700	4700	1650	1950	1950	2850	3400	.....
A. F.	.....	.....	.....	123175	174845	1109173	137060	153523	145886	233359	173953	.....

\*No Record.

†Estimated for November account of ice.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
LEXINGTON, NEBRASKA—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	2600	5300	8700	1000	1000	0	390	1150	1600
2	.....	.....	.....	2200	5300	7800	1000	1400	0	390	1150	1700
3	.....	.....	.....	2400	5300	7800	1000	1850	0	390	1300	1700
4	.....	.....	.....	2400	4400	6200	1850	2200	0	500	1800	1700
5	.....	.....	.....	2600	3550	7000	1300	1850	0	390	1800	1400
6	.....	.....	.....	3000	2600	6200	1200	3000	0	450	1800	700
7	.....	.....	.....	2600	2200	7000	1850	3000	10	450	2800	700
8	.....	.....	.....	2600	1850	6200	1850	2200	0	390	2100	800
9	.....	.....	.....	8700	2750	1850	4400	1400	1850	0	450	1800
10	.....	.....	.....	8700	2850	2200	3600	1200	1800	0	500	2100
11	.....	.....	.....	11200	3000	2600	2600	1400	1500	5	500	1500
12	.....	.....	.....	9100	2400	1400	2600	1850	1350	5	500	2000
13	.....	.....	.....	7000	2600	1850	1850	1600	1000	5	600	2300
14	.....	.....	.....	8700	2600	1850	2200	1600	1200	5	500	1500
15	.....	.....	.....	7800	2600	1850	1400	1200	850	50	600	900
16	.....	.....	.....	7900	2100	3550	1400	1000	600	310	500	1300
17	.....	.....	.....	5300	1600	7000	1100	1200	550	310	900	1700
18	.....	.....	.....	3600	2200	7000	800	1200	300	390	1150	2100
19	.....	.....	.....	3600	1850	7000	680	1400	250	450	1150	2800
20	.....	.....	.....	3600	2200	7800	550	1600	200	450	1150	2500
21	.....	.....	.....	3000	2200	8700	430	1000	150	390	1150	1900
22	.....	.....	.....	1200	2200	9550	350	800	375	310	1150	3000
23	.....	.....	.....	2050	1850	10400	120	1200	400	290	1300	1500
24	.....	.....	.....	2400	1600	10400	100	800	350	200	1300	1500
25	.....	.....	.....	2050	2200	9550	80	800	650	200	1300	1500
26	.....	.....	.....	2125	1850	8700	680	800	150	210	1400	1500
27	.....	.....	.....	2200	3000	7800	430	680	100	290	1400	1500
28	.....	.....	.....	1850	5300	6900	550	680	50	350	1400	1500
29	.....	.....	.....	2400	6200	6100	600	800	30	290	1300	1500
30	.....	.....	.....	2400	6200	4400	600	1000	25	310	1400	1500
31	.....	.....	.....	2600	.....	4400	.....	680	25	.....	1300	.....
Mean	.....	.....	.....	3531	2725	2269	2800	1191	975	161	846	1743
Max.	.....	.....	.....	11200	6200	10400	8700	1850	3000	450	1400	2800
Min.	.....	.....	.....	1850	1600	1400	80	680	25	0	390	900
A. F.	.....	.....	.....	217144	162151	324005	166654	73270	60011	9590	52067	103737

\*No Record.

116927

DISCHARGE IN SECOND FEET, PLATTE RIVER AT LEXINGTON, NEBRASKA—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2750	1750	3100	2600	3500	5900	4400	5000	3500	3650	4100	4100
2	2750	1500	3600	2300	2500	4300	3800	5700	3350	4500	4100	4400
3	2750	2000	2500	2200	1500	3600	3000	5700	3150	3700	4100	4700
4	2750	1500	2700	2300	2500	1900	2650	5050	3000	4800	4400	4100
5	2750	1050	3000	2400	2500	3600	3000	6250	2800	12000	4700	4100
6	2750	1500	3000	2200	1800	2700	2650	5400	1700	6800	4100	4100
7	2500	1500	2500	2100	1800	3100	2650	7400	2070	6800	4700	3600
8	2300	1500	2200	2500	1800	1200	2050	6250	1700	5800	4700	3600
9	1300	1750	2000	2400	3500	1200	1800	5400	2000	5300	4700	3600
10	1300	1750	2300	2400	3000	1200	1550	6000	700	4300	4100	3600
11	2300	1600	2200	2000	2500	1200	1550	3200	700	2800	4400	4100
12	1200	1500	2000	2000	2500	1200	1350	7200	650	2800	4700	3050
13	2000	1500	2000	1600	3000	6400	1000	6250	600	2800	5200	2600
14	1750	1500	2000	1800	2100	8500	1800	5700	500	4000	4700	1000
15	1500	1500	1800	1500	2500	8500	1800	5700	600	4300	4100	1550
16	1600	1500	3400	1150	3500	7700	2800	6800	1100	2800	4100	5700
17	1500	1500	2500	1150	3500	15100	2300	7540	1100	2800	4700	5700
18	1500	1900	2200	1150	2500	15950	3500	7050	600	3300	4700	6200
19	1750	2300	1800	1700	2500	15400	5050	6540	2200	3500	4700	6700
20	1750	3200	2500	900	3000	13300	4600	6000	2200	3500	4100	6700
21	1750	4200	2600	1500	3500	14000	4600	6250	2200	3250	4100	6200
22	1750	4400	4400	1500	3900	12800	4400	4300	2200	3300	4100	6200
23	1050	4600	3500	2500	7900	11200	4150	5400	2800	3300	4700	5400
24	800	4600	6000	1700	7900	11200	3950	5050	2800	3300	4700	4700
25	1500	4200	5000	1800	7000	10200	4400	5050	2800	2800	4700	4900
26	1500	3700	3300	3000	6100	8500	4600	4300	2800	3500	4700	5200
27	1050	3700	2800	2500	6100	8000	4600	3500	3300	3500	4700	5200
28	1350	3000	2800	3500	6100	7000	4600	3500	3800	2800	5200	5200
29	1750	-----	2800	3500	8800	7000	4600	3200	3800	4300	4900	5200
30	1350	-----	2650	3500	11300	7000	5050	3700	3300	2800	4700	5200
31	1250	-----	3650	-----	8000	-----	6300	3500	-----	4300	-----	5200
Mean	†1801	†2304	†2832	2161	4346	7158	5083	5570	2131	4154	4520	†6187
Max.	2750	4600	6000	3500	11300	15950	6300	8200	3800	12000	5200	6700
Min.	800	1500	2500	1150	1500	1900	1000	3200	500	2800	4100	1000
A. F.	110778	128134	174151	128630	258648	425646	312599	342550	126845	255475	268962	380435

Total 2,912,863 Acre Feet.

†Estimated account of ice.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT LEXINGTON, NEBRASKA—1924

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2600	4000	8000	4500	14000	12700	4000	650	300	4200	5200	3000
2	2600	4000	8000	5300	11000	12700	3200	650	400	3900	4400	3000
3	2600	4000	6000	5000	11000	12700	2500	650	400	3900	4100	3000
4	2600	4000	5500	5500	12500	10000	2200	650	400	3800	4400	3000
5	2600	4000	4800	6000	12500	10000	2000	650	600	3800	3300	3000
6	2600	4000	4200	5700	13000	17000	3000	650	600	3800	3800	3000
7	2600	4000	3300	5000	9500	13500	4000	800	400	3800	3600	3000
8	2600	4000	5600	5400	14000	15000	3200	1200	250	5200	3800	3000
9	2600	4000	4500	5800	14000	18800	3100	1600	350	4500	3700	3000
10	2600	4000	3500	6000	14000	16000	3200	1400	350	4500	3600	3000
11	2600	6000	4800	6000	14000	16000	2500	1200	350	4500	3300	3000
12	2600	6000	4200	9800	14000	16000	1800	1200	1200	4500	3300	3000
13	2600	6000	4800	9800	14000	16000	2000	1200	2050	3900	3300	3000
14	2600	6000	4800	12800	14000	16000	2300	2400	1850	3900	3300	3000
15	2600	6000	4200	10200	13000	15000	2300	1100	1650	3900	3800	3000
16	2600	6000	3000	9000	12000	14000	1200	1800	1650	4500	3800	3000
17	2600	6000	6900	8800	10500	18000	1800	1800	2500	5200	3600	3000
18	2600	6000	6900	8400	8500	11000	2300	1800	4200	5200	2800	3000
19	2600	6000	5300	9200	6000	10100	1450	1400	5600	4500	3800	3000
20	2600	6000	6000	13000	6000	9900	1200	1800	4700	3900	3800	3000
21	2600	8000	9000	13700	11000	9700	1000	1400	4300	3900	2700	3000
22	2600	8000	8000	11600	9500	9000	2100	1800	3900	4500	3300	3000
23	2600	8000	7000	11000	9000	8200	1700	1800	4700	6000	2300	3000
24	2600	8000	6000	11000	8000	7400	1550	1600	4700	5200	2300	3000
25	2600	8000	6000	12400	8000	7100	1200	1400	4700	4500	3300	3000
26	2600	8000	4000	13000	8000	6800	900	1400	4100	5200	3300	3000
27	2600	8000	6800	11900	7800	6500	850	1000	4100	4900	3300	3000
28	2600	8000	6800	11900	7800	5500	1150	650	4400	4500	3300	3000
29	2600	8000	6000	12300	8700	4400	1650	650	4700	5200	3200	3000
30	2600	-----	5000	13000	10700	3300	950	400	4100	5200	3800	3000
31	2600	-----	4000	-----	12700	-----	650	550	-----	5800	-----	3000
Mean	2600	5517	5577	9106	10263	11433	2050	1201	2450	4525	3560	3000
Max.	2600	8000	9000	13700	14000	18800	4000	2400	5600	6000	5200	3000
Min.	2600	4000	4000	4500	6000	3300	650	550	250	3800	2300	3000
A. F.	159870	317360	342947	541892	671811	680935	126051	73885	145787	278285	211837	184865

Total 3,735,125 Acre Feet.





STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
OVERTON, NEBRASKA—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	*	*	*	*	5800	8600	800	800	0	350	2600	2500	
2	-----	-----	-----	-----	5500	8350	800	1300	0	400	2600	2500	
3	-----	-----	-----	-----	5500	7350	800	1700	0	375	2600	2500	
4	-----	-----	-----	-----	4300	7600	1200	1900	0	400	2600	2500	
5	-----	-----	-----	-----	4300	7850	1600	2400	0	375	2600	2500	
6	-----	-----	-----	-----	3250	7350	1400	3100	0	375	2600	2500	
7	-----	-----	-----	-----	3000	6300	1700	3800	0	500	2600	2500	
8	-----	-----	-----	-----	2850	6050	2400	2800	0	500	2600	2500	
9	-----	-----	-----	-----	2850	5800	1900	2400	0	500	2600	2500	
10	-----	-----	-----	-----	2850	4800	1400	2200	0	375	2600	2500	
11	-----	-----	-----	-----	4300	4400	1700	1800	0	700	2600	2500	
12	-----	-----	-----	-----	2050	4050	2200	1500	0	900	2600	2500	
13	-----	-----	-----	-----	2850	2400	2850	1700	1300	0	1200	2600	2500
14	-----	-----	-----	-----	3050	2150	3250	1350	1200	200	900	2600	2500
15	-----	-----	-----	-----	3250	1900	2050	1200	900	400	1050	2600	2500
16	-----	-----	-----	-----	2825	3250	1700	1400	800	400	1200	2600	2500
17	-----	-----	-----	-----	2400	5300	1700	1600	600	400	1600	2600	2500
18	-----	-----	-----	-----	2850	6550	1250	1200	350	400	1600	2600	2500
19	-----	-----	-----	-----	2850	6850	800	1000	300	400	1600	2600	2500
20	-----	-----	-----	-----	2850	6300	850	1700	200	400	2000	2600	2500
21	-----	-----	-----	-----	2600	7550	530	1200	150	400	2000	2600	2500
22	-----	-----	-----	-----	2400	8800	230	800	100	400	2000	2600	2500
23	-----	-----	-----	-----	2300	9300	100	800	450	250	2200	2600	2500
24	-----	-----	-----	-----	2200	9300	75	800	390	250	2200	2600	2500
25	-----	-----	-----	-----	2850	9100	50	800	390	250	2600	2600	2500
26	-----	-----	-----	-----	2850	8800	150	800	275	250	2600	2600	2500
27	-----	-----	-----	-----	3800	7300	650	650	100	250	2600	2600	2500
28	-----	-----	-----	-----	5300	7200	400	400	0	250	2600	2600	2500
29	-----	-----	-----	-----	7350	7100	280	850	0	250	2600	2600	2500
30	-----	-----	-----	-----	6575	6200	289	800	0	300	2600	2600	2500
31	-----	-----	-----	-----	5300	-----	800	0	-----	2600	-----	2500	
Mean	-----	-----	-----	-----	3397	5393	3183	1211	1071	168	1403	†2500	
Max.	-----	-----	-----	-----	7350	9300	8600	2400	3800	400	2600	2600	2500
Min.	-----	-----	-----	-----	2200	1900	50	400	0	0	350	2600	2500
A. F.	-----	-----	-----	-----	121291	331641	189414	74480	65862	10017	86282	154713	153721

\*No Record.  
†Estimated.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
OVERTON, NEBRASKA—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4200	2350	5000	1700	3600	7300	4100	4900	2700	4500	6400	5700
2	4200	2350	6800	1500	3600	6900	3600	5800	2850	5900	5400	5550
3	3600	4000	4800	1500	3200	6900	2950	5300	2925	6550	5000	5400
4	4000	4000	4400	2300	3200	5500	2650	5550	3100	8150	5200	5200
5	3200	4000	4000	2300	3150	5500	2500	5550	2900	12000	5400	5400
6	3200	3600	3600	2300	2000	5500	2250	5550	1600	9500	5550	5400
7	3600	3600	3600	2300	2800	4900	2000	6200	1300	8750	5400	5000
8	4000	3600	2800	2300	2800	2950	1700	5300	1300	7950	5400	4700
9	2800	3600	2350	2300	3600	2950	1950	5800	500	7250	5400	4800
10	2800	4000	1950	2800	3600	2950	1300	5800	300	6100	5400	5000
11	4200	4200	2150	2800	3200	2950	1260	6650	250	5400	5700	5000
12	3600	4400	2350	2300	2800	9000	1950	6400	500	5400	6050	4500
13	3600	4400	1950	2300	3200	6900	1950	6200	500	5400	6400	2450
14	3200	4400	1400	1900	3200	11900	1390	5800	850	5700	6400	2450
15	2800	3600	750	1900	3600	11200	1400	5300	850	5900	6400	2450
16	2350	3600	1150	1900	3600	11200	1500	6200	1500	5400	6050	2100
17	2350	3600	450	1900	4000	20500	1700	6650	2200	4950	5400	1900
18	2800	3800	450	1900	3200	20500	2650	6200	1800	4500	5550	3300
19	2350	4000	450	1700	3200	17600	4300	5800	2600	4500	5700	5000
20	2800	4400	450	1900	3500	14700	4000	5300	2600	4500	6050	6050
21	2800	4400	1700	1700	3800	13300	3150	4900	2600	4750	6050	5700
22	2800	4800	2350	1900	4200	13300	3150	4000	2600	4950	6050	5700
23	2350	5200	3200	2100	7300	16850	3150	4000	2600	4950	6050	6050
24	2350	5200	3200	2300	8000	14000	3150	3550	2600	4950	6050	5700
25	2800	5200	3600	2300	7500	11200	3150	3550	3100	4950	6050	5700
26	3200	5200	4000	3200	6500	8400	3500	3550	3500	4950	6050	5700
27	3200	5200	3200	3600	6600	6900	3500	3550	3750	4950	6050	5700
28	3400	5600	2800	3600	6700	4900	3500	3550	4900	5650	6050	5700
29	3600	-----	2350	3600	6800	5500	5300	3550	4400	6350	5700	5700
30	3200	-----	1950	3600	8100	4800	6000	4000	4450	6350	5700	5000
31	2800	-----	1950	-----	9500	-----	5500	3550	-----	6600	-----	4250
Mean	3166	4153	2637	2323	4546	9231	2904	4096	2254	6054	5801	4808
Max.	4200	5600	6800	3600	9500	20500	6000	6650	4900	12000	6400	6050
Min.	2350	2350	450	1500	2800	2950	1250	3550	250	4500	5200	1900
A. F.	194686	230681	162151	138250	279574	549930	178614	313393	134134	372303	345228	295640
Total	3,193,978 Acre Feet.											

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
OVERTON, NEBRASKA—1925

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3400	5400	3000	2550	1400	950	200	1200	1600	2650	1000	3200
2	3400	5400	3000	2950	1400	950	100	1300	1050	2650	3850	3800
3	3400	5400	3000	3800	1200	500	17	1400	850	2650	3500	3000
4	3400	5400	3000	3800	1100	500	20	1000	650	2650	5300	2200
5	3400	5400	3000	3800	1100	500	25	800	450	2650	6500	1300
6	3400	5400	3000	3800	1100	500	33	3400	350	3200	6000	3500
7	3400	5400	3000	3800	1100	350	15	2450	300	3850	3850	3800
8	3400	5400	3000	2900	1300	500	0	2450	200	3850	3850	3800
9	3400	5400	3000	3800	1600	150	0	2450	200	3850	3850	3400
10	3400	5400	3000	3400	1500	300	0	2450	300	2850	2850	3200
11	3400	5400	3000	3400	1300	2000	0	2450	450	3400	3850	3200
12	3400	5400	3000	3400	1300	1600	0	2450	450	3200	3200	3800
13	3400	5400	3000	3400	1100	3600	0	2000	650	3200	3850	3200
14	3400	5400	4500	3800	1100	4100	0	1450	850	3200	3200	2700
15	3400	5400	4000	3400	1500	5200	0	1450	850	3850	3200	3000
16	3400	5400	3500	3400	1400	4600	0	1300	1050	3200	3200	3000
17	3400	5400	3000	2900	2000	3600	0	1200	1550	3850	3300	3000
18	3400	5400	3000	2550	2700	2700	0	1400	2200	3300	3850	3000
19	3400	5400	3800	2550	2700	2000	0	2450	2200	2900	3850	3000
20	3400	5400	3800	2550	2000	1450	0	2900	2200	2650	3850	2000
21	3400	5400	3300	2550	2000	1200	0	2450	2200	2650	3600	3000
22	3400	5400	3100	1900	1600	900	0	3200	2650	2650	3200	3000
23	3400	5400	2900	2550	1400	4100	0	2800	2650	2650	3200	3000
24	3400	5400	2600	2000	4600	2000	0	2450	2650	3850	2700	3000
25	3400	5400	2600	2000	4100	1700	0	2050	2650	3500	2700	3000
26	3400	5400	1900	1800	2800	1150	0	2450	2650	3150	2500	3000
27	3400	5400	2550	1600	2000	950	0	2450	2700	2650	2200	3000
28	3400	5400	2550	1600	1800	350	0	2450	3200	1300	3200	3000
29	3400	-----	2550	1300	1600	350	0	2200	3200	1300	2700	3000
30	3400	-----	2550	1400	1400	350	0	2200	2650	1300	3200	3000
31	3400	-----	2400	-----	1100	-----	0	2200	-----	850	-----	3000
Mean	3400	5400	3026	2821	1748	1626	13	2092	1480	2920	3533	3067
Max.	3400	5400	4500	3800	4600	5200	200	3400	3200	3850	6500	3800
Min.	3400	5400	1900	1300	1000	150	0	1000	200	850	1000	1300
A. F.	211044	310616	186052	167903	107505	96794	815	128630	88464	179407	210251	188630
Total	1,876,111	Acre Feet.										

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
OVERTON, NEBRASKA—1926

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3000	6500	2700	2650	5500	1000	4850	1600	1200	3300	3300	3300
2	3000	5800	2700	4000	5700	1000	3750	1600	1400	3900	3900	3300
3	3000	5200	2700	4000	6000	1550	3300	1400	1400	4200	3300	3300
4	3000	5200	2700	3000	4950	1850	3100	1600	1200	4500	3900	3300
5	3000	7400	2700	2800	4400	8600	2800	1600	1200	5400	3900	3300
6	3500	8000	3200	3000	3300	11000	2500	1200	1300	4500	3400	3300
7	4300	7700	3000	3000	3300	9400	2900	1600	1400	6100	3400	3300
8	6500	6500	2700	3000	3850	7900	2500	1900	1850	5100	3300	3300
9	7200	5100	3700	3500	6550	6600	2200	2200	1400	4200	2900	3300
10	7200	4200	3700	3500	6550	6200	4300	2500	2200	4300	3900	3300
11	7200	4200	3700	3500	6000	5500	5300	2900	1900	4500	3900	3300
12	6500	4700	3200	3300	6000	4700	6250	3950	2550	4500	3900	3300
13	5000	4700	3200	2800	6000	4700	7200	5400	2900	4500	3900	3300
14	7500	4200	2600	3100	6000	4700	6250	5200	3400	4500	3900	3300
15	8000	4200	2600	3300	6000	4400	7200	4900	3950	4500	3900	3300
16	8000	3000	2600	3300	6000	3600	10200	4400	3950	3900	4500	3300
17	7500	2200	2400	2800	5500	7850	10200	3950	4250	3900	3900	3300
18	7200	2400	3200	2800	5500	7850	8700	3400	4250	3900	4500	3300
19	7200	3000	2700	3000	5500	7000	7200	3950	4250	3900	2500	3300
20	7200	3000	2700	3300	5000	13500	5500	3950	4250	3300	2700	3300
21	6500	3000	2400	2400	4400	12600	4300	3950	3950	3900	2900	3300
22	7200	3000	2700	2400	4400	13500	4300	2750	3950	3900	3300	3300
23	6500	3400	2700	2250	3400	12600	3300	2500	3400	3300	3900	3300
24	6500	3400	2700	2100	2750	11850	3300	2900	2900	3900	4500	3300
25	6500	2700	2400	2500	2250	10200	3100	2500	2900	4500	4500	3300
26	4200	3000	2700	7000	1400	10200	2800	2500	2900	3300	4500	3300
27	3800	3000	2700	7800	1400	8500	2500	2500	2900	4500	3300	3300
28	4200	3000	2700	7000	1150	7000	2150	1600	2900	3900	3300	3300
29	4200	-----	2400	5500	700	5500	1850	1500	3400	3900	3300	3300
30	4200	-----	2700	4400	600	4750	1600	1400	3150	3300	3300	3300
31	4500	-----	2700	-----	500	-----	1850	1400	-----	3400	-----	3300
Mean	5580	4093	2822	3603	4211	7156	4427	2732	2751	4180	3673	3300
Max.	8000	8000	3700	7300	6000	13500	10200	5400	4250	6100	4500	3300
Min.	3000	2700	2400	2100	500	1000	1600	1400	1200	3300	2700	3300
A. F.	343740	235651	173556	214416	255845	426857	272235	168002	163737	257031	218581	202912
Total	2,934,483	Acre Feet.										

†Estimated.



DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
ELM CREEK, NEBRASKA—1915

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	8960	6880	6140	10200	4510	*	*	*
2					8740	5800	7280	12400	3930			
3					8510	6140	6510	14500	4510			
4					8510	9220	5740	15600	3930			
5					8960	10500	4980	9400	3750			
6					8340	9170	4210	5800	3570			
7					7200	7840	2640	4510	3390			
8					6440	6140	3130	5510	2640			
9					6660	6730	3390	6510	2180			
10					6880	8960	3650	6510	1140			
11					5860	7670	4080	5800	1140			
12					5190	10300	4510	5450	1230			
13					4810	11400	4810	5800	1320			
14					4630	12400	4510	6140	4210			
15					3870	12900	4510	5320	3650			
16					2800	3820	10300	3930	4510	3390		
17					2590	3760	12900	3930	6140	2680		
18					2280	3490	11300	3660	4510	2880		
19					1960	6000	12400	3390	3650	2310		
20					1780	5450	13400	3930	3650	1740		
21					1780	6140	14500	2880	4810	2180		
22					2180	5930	9400	3390	4810	2640		
23					3490	7310	6880	2880	4810	1960		
24					4510	8690	7280	2410	4510	2640		
25					5200	9400	5130	3100	4210	2640		
26					6700	9960	4510	3930	8090	3420		
27					8000	13100	5900	3650	6880	4210		
28					7200	15200	7280	3930	5450	3130		
29					8500	19300	8960	3930	4830	3130		
30					10000	14800	7670	4810	4210	3650		
31					10300	10300	8090	4510	2980			
Mean					4060	7940	9000	4361	6420	2980		
Max.					10000	19300	14500	8090	15600	4510		
Min.					1780	3490	4510	2410	3650	1140		
A. F.					121000	488000	536000	268200	395000	174000		

\*No Record.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
ELM CREEK, NEBRASKA—1916

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	3028	950	2520	1100	*	*	*
2						2965	781	530	1220			
3						2964	612	1230	1106			
4						2900	499	1940	992			
5						2836	386	1700	878			
6						3156	266	1313	1880			
7						3220	202	926	830			
8						2514	138	1280	830			
9						1525	134	612	1498			
10						1704	130	1010	1547			
11						1822	130	1040	1596			
12						1940	142	950	1645			
13					845	2900	125	1445	830			
14					810	2812	130	1940	400			
15					775	2706	125	2100	530			
16					845	2610	120	2260	625			
17					660	2514	163	4500	652			
18					648	2514	297	3220	680			
19					980	2514	297	2260	600			
20					1940	3157	486	2180	480			
21					2420	3800	472	2090	490			
22					2900	4500	422	2000	500			
23					3220	4050	372	1910	600			
24					4820	3668	400	1820	600			
25					4500	3091	218	1730	600			
26					3220	2514	740	1640	636			
27					2900	2836	379	1550	540			
28					2277	2772	186	1460	400			
29					1645	2388	158	1370	600			
30					967	1220	130	1280	660			
31					290	290	130	1190	400			
Mean					1930	2769	311	1711	850			
Max.					4820	4500	950	4500	1880			
Min.					290	1220	120	530	400			
A. F.					73300	166140	19270	105216	51000			

\*No Record.



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
ELM CREEK, NEBRASKA—1917

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	9100	24600	23000	2100	1000	4300	*	*
2	.....	.....	.....	.....	7500	29300	21900	1750	1000	4300	.....	.....
3	.....	.....	.....	.....	10500	28500	21600	1900	1000	4300	.....	.....
4	.....	.....	.....	.....	12800	27700	21300	1400	1000	3650	.....	.....
5	.....	.....	.....	.....	13200	27100	21000	1300	1000	4000	.....	.....
6	.....	.....	.....	.....	12600	29100	21400	1200	2500	4900	.....	.....
7	.....	.....	.....	.....	11100	28300	20100	1700	1700	5200	.....	.....
8	.....	.....	.....	.....	9600	27700	20000	1400	1150	5500	.....	.....
9	.....	.....	.....	.....	8000	27100	19000	1100	1250	5500	.....	.....
10	.....	.....	.....	.....	7800	27100	19700	1700	1400	6600	.....	.....
11	.....	.....	.....	.....	8000	27200	17300	2000	2600	4900	.....	.....
12	.....	.....	.....	.....	9300	24200	15500	1600	2600	4900	.....	.....
13	.....	.....	.....	.....	9300	23700	12800	1200	2100	5500	.....	.....
14	.....	.....	.....	.....	9300	22000	11100	1400	2100	4600	.....	.....
15	.....	.....	.....	.....	13500	21000	9850	1500	3700	3650	.....	.....
16	.....	.....	.....	.....	10800	17800	8600	1500	4900	4300	.....	.....
17	.....	.....	.....	.....	8000	19500	8100	1500	6150	4300	.....	.....
18	.....	.....	.....	.....	7200	21200	7800	1500	6150	2600	.....	.....
19	.....	.....	.....	.....	6500	21700	7800	2050	17300	3250	.....	.....
20	.....	.....	.....	.....	9100	22100	7400	2600	8000	4000	.....	.....
21	.....	.....	.....	.....	11700	22000	6800	2500	6050	3600	.....	.....
22	.....	.....	.....	.....	14000	22300	6500	1700	5500	3250	.....	.....
23	.....	.....	.....	.....	17300	22300	6200	1100	4650	2900	.....	.....
24	.....	.....	.....	.....	19300	22000	4300	1000	3650	5500	.....	.....
25	.....	.....	.....	.....	19100	21800	4000	1100	9900	6100	.....	.....
26	.....	.....	.....	.....	22300	21600	4000	800	5500	6800	.....	.....
27	.....	.....	.....	8200	23250	21600	5500	500	5500	6800	.....	.....
28	.....	.....	.....	9900	24200	24400	5500	900	4900	5000	.....	.....
29	.....	.....	.....	9500	24100	23700	4150	850	5500	3250	.....	.....
30	.....	.....	.....	9100	24100	24000	2800	900	4900	8000	.....	.....
31	.....	.....	.....	.....	24200	.....	2100	1100	.....	9000	.....	.....
Mean	.....	.....	.....	9175	13508	24106	11841	1447	4155	4953	.....	.....
Max.	.....	.....	.....	9900	24200	29300	23000	2600	17300	9000	.....	.....
Min.	.....	.....	.....	8200	6500	17800	2100	500	1000	2600	.....	.....
A. F.	.....	.....	.....	72794	830491	1434467	728143	88960	247243	298418	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
CENTRAL CITY, NEBRASKA—1922

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	30	7500	8100	10	200	30	*	*	*
2	.....	.....	.....	*	7500	6300	10	200	50	.....	.....	.....
3	.....	.....	.....	.....	7800	11700	20	20	0	.....	.....	.....
4	.....	.....	.....	.....	6300	9400	100	600	30	.....	.....	.....
5	.....	.....	.....	.....	6300	8700	500	*	*	.....	.....	.....
6	.....	.....	.....	.....	5600	8700	350	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	4600	8100	0	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	4200	7500	1100	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	3400	5600	750	.....	.....	.....	.....	.....
10	.....	.....	.....	50	2700	5200	750	4200	.....	.....	.....	.....
11	.....	.....	.....	100	3000	4600	1300	.....	.....	.....	.....	.....
12	.....	.....	.....	40	2400	4200	1300	.....	.....	.....	.....	.....
13	.....	.....	.....	4000	2700	3800	1300	.....	.....	.....	.....	.....
14	.....	.....	.....	4600	3400	3450	1550	.....	.....	.....	.....	.....
15	.....	.....	.....	4200	2700	2400	1550	.....	.....	.....	.....	.....
16	.....	.....	.....	3800	3000	1800	1100	.....	.....	.....	.....	.....
17	.....	.....	.....	3800	2700	1300	950	.....	.....	.....	.....	.....
18	.....	.....	.....	3800	2400	1300	950	.....	.....	.....	.....	.....
19	.....	.....	.....	3800	4200	800	1100	.....	.....	.....	.....	.....
20	.....	.....	.....	3600	7500	800	1100	.....	.....	.....	.....	.....
21	.....	.....	.....	3450	7500	600	750	.....	.....	.....	.....	.....
22	.....	.....	.....	2900	8700	380	950	1550	.....	.....	.....	.....
23	.....	.....	.....	2400	12700	70	1100	.....	.....	.....	.....	.....
24	.....	.....	.....	2400	14500	0	1100	.....	.....	.....	.....	.....
25	.....	.....	.....	2400	12700	0	750	.....	.....	.....	.....	.....
26	.....	.....	.....	2400	11700	50	500	.....	.....	.....	.....	.....
27	.....	.....	.....	50	2100	11700	0	750	.....	.....	.....	.....
28	.....	.....	.....	0	2700	10900	50	500	75	.....	.....	.....
29	.....	.....	.....	0	2700	10200	0	350	.....	.....	.....	.....
30	.....	.....	.....	50	3000	10200	0	350	400	.....	.....	.....
31	.....	.....	.....	30	.....	10900	.....	100	.....	.....	.....	.....
Mean	.....	.....	.....	26	1942	6826	3496	738	.....	.....	.....	.....
Max.	.....	.....	.....	50	4600	14500	11700	1550	.....	.....	.....	.....
Min.	.....	.....	.....	0	0	2400	0	0	.....	.....	.....	.....
A. F.	.....	.....	.....	250	115678	419708	208069	45402	.....	.....	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
CENTRAL CITY, NEBRASKA—1923

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	13000	5000	4100	2800	7000	5000	6600
2	.....	.....	.....	.....	.....	10300	5050	4500	3030	7000	5000	5900
3	.....	.....	.....	.....	.....	8000	3700	5000	2800	6200	6200	5000
4	.....	.....	.....	.....	.....	5700	3400	7000	2800	6200	5600	5200
5	.....	.....	.....	.....	.....	4200	2800	7000	2500	7600	5600	5400
6	.....	.....	.....	.....	.....	4600	2500	7000	2300	18200	5600	5600
7	.....	.....	.....	.....	.....	3700	2000	7000	2300	14700	6200	5900
8	.....	.....	.....	.....	.....	4200	1700	7000	2000	11900	6200	5600
9	.....	.....	.....	.....	.....	4600	1600	7000	1700	10500	6900	5300
10	.....	.....	.....	.....	.....	4600	1400	6200	1600	9800	6900	5000
11	.....	.....	.....	.....	.....	4600	1300	6200	1300	9000	6900	5000
12	.....	.....	.....	.....	.....	3700	1400	6200	1200	6900	6900	5000
13	.....	.....	.....	.....	.....	3000	1250	7000	1200	6200	6800	5000
14	.....	.....	.....	.....	.....	3000	1400	9000	1300	5900	6700	5000
15	.....	.....	.....	.....	.....	5200	1400	7000	1300	5600	6000	5000
16	.....	.....	.....	.....	.....	10300	1200	6200	1500	6200	6500	5000
17	.....	.....	.....	.....	.....	10300	1600	5500	1700	6200	6300	5000
18	.....	.....	.....	.....	.....	8900	1600	5500	2300	5600	6200	5000
19	.....	.....	.....	.....	.....	7600	2000	7000	3700	5000	6900	5000
20	.....	.....	.....	.....	.....	18000	1600	7000	3700	4900	6700	5000
21	.....	.....	.....	.....	.....	17600	2300	6200	4100	4800	6500	5000
22	.....	.....	.....	.....	.....	14000	3700	5300	3300	4700	6300	5000
23	.....	.....	.....	.....	.....	13000	3700	4500	2500	4600	6200	5000
24	.....	.....	.....	.....	12000	13000	3000	3700	2500	4500	9500	5000
25	.....	.....	.....	.....	14000	16100	3000	3400	3000	4500	9000	5000
26	.....	.....	.....	.....	13000	13300	3400	3400	2500	4700	8400	5000
27	.....	.....	.....	.....	8500	10500	3000	3400	2800	4900	8000	5000
28	.....	.....	.....	.....	7600	8400	4100	3000	10500	5000	7400	5000
29	.....	.....	.....	.....	7000	6200	4500	2800	11200	5000	7000	5000
30	.....	.....	.....	.....	6300	5000	4100	2800	7700	5000	6400	5000
31	.....	.....	.....	.....	7600	.....	3700	4100	.....	5000	.....	5000
Mean	.....	.....	.....	.....	9512	8486	2656	5545	3103	6883	6660	5158
Max.	.....	.....	.....	.....	13000	13000	5000	9000	11200	18200	9500	6000
Min.	.....	.....	.....	.....	6300	3000	1250	2800	1200	4500	5000	5000
A. F.	.....	.....	.....	.....	150746	504999	163341	340963	184664	423279	396303	317161

\* No Record.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
CENTRAL CITY, NEBRASKA—1925

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3000	3000	3850	1200	1400	1000	450	0	1200	1200	*	*
2	3000	3000	3850	2800	1200	850	250	0	1000	1750	.....	.....
3	3000	3000	3850	3500	1200	550	100	0	900	1700	.....	.....
4	3000	3000	3850	3500	1200	400	100	0	600	1700	.....	.....
5	3000	3000	3850	3500	850	400	50	0	400	1700	.....	.....
6	3000	3000	3850	3500	700	300	40	0	350	2000	.....	.....
7	3000	3000	3850	3600	1000	300	20	0	300	2000	.....	.....
8	3000	3000	3850	3100	1400	300	10	0	250	2000	.....	.....
9	3000	3000	3850	3100	1400	300	0	0	250	2000	.....	.....
10	3000	3000	3850	2800	1650	100	0	0	100	2000	.....	.....
11	3000	3000	3850	2800	1650	100	0	1200	50	2700	.....	.....
12	3000	3000	3850	2500	1650	200	0	1100	100	2700	.....	.....
13	3000	3000	3850	2500	1200	100	0	1400	50	2700	.....	.....
14	3000	3000	3850	2150	1200	200	0	1400	50	2700	.....	.....
15	3000	3000	3850	2150	1200	300	0	1000	250	2700	.....	.....
16	3000	3000	3850	2150	1400	4600	0	850	450	2700	.....	.....
17	3000	3000	3850	2150	1900	4900	0	750	350	2650	.....	.....
18	3000	3000	3850	2500	1650	4900	0	850	300	2800	.....	.....
19	3000	3000	3850	2150	1650	4600	0	900	550	2800	.....	.....
20	3000	3000	3850	2150	1400	4600	0	1300	450	2650	.....	.....
21	3000	3000	3850	1900	1900	4000	0	1400	1000	2100	.....	.....
22	3000	3000	3850	1650	1900	2600	0	2600	1400	2100	.....	.....
23	3000	3000	3850	2500	1400	1400	0	2100	1450	2250	.....	.....
24	3000	3000	3850	1900	1200	1650	0	2250	2100	2650	.....	.....
25	3000	3000	3850	1900	1050	850	0	2400	2250	3100	.....	.....
26	3000	3000	3850	1900	4900	850	0	2100	2250	3100	.....	.....
27	3000	3000	3850	1400	4600	1400	0	1950	2800	3100	.....	.....
28	3000	3000	3850	1400	3900	1300	0	1600	2800	3100	.....	.....
29	3000	.....	3850	1200	3150	1200	0	1300	2800	3100	.....	.....
30	3000	.....	3850	1200	1500	700	0	1200	2500	3100	.....	.....
31	3000	.....	3850	.....	1900	.....	0	1200	.....	3100	.....	.....
Mean	†3000	†3000	†3850	2355	1751	1498	33	1005	976	2467	.....	.....
Max.	3000	3000	3850	3500	4900	4900	450	2400	2800	3100	.....	.....
Min.	3000	3000	3850	1200	700	100	0	0	50	1700	.....	.....
A. F.	184465	166614	236730	140134	107704	89158	2003	61786	58117	151737	.....	.....

\* No Record.

† Estimated for January, February and March.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
CENTRAL CITY, NEBRASKA—1926

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	2800	2800	4900	1000	5400	950	950	*	*	*
2			2800	3100	4900	1000	4000	550	800			
3			2800	3500	4900	950	3550	650	800			
4			2800	3500	4900	950	3150	650	800			
5			2800	3500	5800	950	2400	650	800			
6			2800	3500	4000	1100	3150	650	800			
7			2800	3100	4000	1250	2750	550	650			
8			2800	3100	5300	6400	3150	650	600			
9			2800	3500	4200	6400	2150	680	550			
10			2800	3500	4000	5650	2450	950	800			
11			2800	4000	3800	5400	1650	1450	600			
12			2800	3500	5800	4900	1650	1250	550			
13			2800	3100	6200	4900	3550	3150	550			
14			2800	3100	5800	4900	5400	2800	800			
15			2800	3100	5800	4900	5400	3150	1450			
16			2000	2500	5800	4900	4450	4000				
17			2000	2300	5400	4900	5400	3800				
18			2000	2500	5400	3650	6300	3550				
19			2000	2800	5400	4050	7650	3550				
20			2000	2100	5400	4950	5800	3550				
21			2000	1900	4400	5400	4900	3800				
22			2000	1900	4400	9350	4200	5400				
23			2000	1900	3300	9350	2550	4000				
24			2000	1900	3100	10350	2750	3350				
25			2000	2100	3100	10350	2150	2450				
26			1500	2100	2100	9350	1900	2300				
27			1500	1600	2100	8400	2400	1650				
28			1500	6000	2000	7850	1450	1650				
29			1500	5400	1900	6400	1450	1650				
30			1500	5400	1400	5400	1250	1650				
31			1500		1300		1450	1450				
Mean			‡2290	3076	4219	5193	3446	2152	766			
Max.			2800	6000	6200	10350	7650	5400	1450			
Min.			1500	1900	1300	950	1250	650	550			
A. F.			140828	183077	259441	300029	211936	132359	22810			

\* No Record.

‡ Estimated for March.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
CENTRAL CITY, NEBRASKA—1927

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	6600	5600	4250	5150	*	*	*	*	*
2				5600	4700	3900	4300					
3				5100	4300	3900	4300					
4				4700	3900	3900	3200					
5				4700	3900	3700	2600					
6				3900	3900	3500	2250					
7				4300	3900	3200	3200					
8				4700	6100	3200	2800					
9				3700	6100	2900	2600					
10				4700	5600	2900	2000					
11				4700	7500	2600	1500					
12				5100	7500	2900	1500					
13				5600	7300	3500	2000					
14				8000	5600	3500	2000					
15				10500	3900	4250	2000					
16				7500	11000	4700	4700	2250				
17				6600	11000	4700	4700	1750				
18				6800	11500	5200	5600	1150				
19				6800	9500	5200	5600	1000				
20				6800	8000	4700	5200	800				
21				4250	10000	4700	4700	800				
22				2600	8500	5200	5200	1300				
23				3500	8000	6100	4700	800				
24				5600	7500	6600	4700	550				
25				4700	7000	6100	3900	400				
26				7000	7000	6600	5600	300				
27				8000	6600	8500	5200	200				
28				6600	6100	7500	4700	50				
29				5600	5600	6100	5200	50				
30				5100	5600	5600	5600	50				
31				5100		4700		50				
Mean				5784	6860	5558	4246	1706				
Max.				7500	11500	7800	5600	5150				
Min.				2600	3900	3900	2600	50				
A. F.				183572	408204	341757	252697	104927				

\* No Record.

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
COLUMBUS, NEBRASKA—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	*	9500	4400	0	350	*	*
2	.....	.....	.....	.....	.....	.....	9500	5500	0	400	.....	.....
3	.....	.....	.....	.....	.....	.....	9500	4600	0	400	.....	.....
4	.....	.....	.....	.....	.....	.....	9500	5500	0	400	.....	.....
5	.....	.....	.....	.....	.....	.....	8700	5500	0	400	.....	.....
6	.....	.....	.....	.....	.....	.....	7500	4300	0	400	.....	.....
7	.....	.....	.....	.....	.....	.....	7100	4300	0	400	.....	.....
8	.....	.....	.....	.....	.....	.....	6000	3900	0	300	.....	.....
9	.....	.....	.....	.....	.....	.....	5500	3800	0	300	.....	.....
10	.....	.....	.....	.....	.....	.....	6200	3800	0	400	.....	.....
11	.....	.....	.....	.....	.....	.....	5500	3600	0	350	.....	.....
12	.....	.....	.....	.....	.....	.....	6500	3600	300	7750	.....	.....
13	.....	.....	.....	.....	.....	.....	4200	2800	400	1000	.....	.....
14	.....	.....	.....	.....	.....	.....	3700	2500	300	1100	.....	.....
15	.....	.....	.....	.....	.....	18000	3600	2100	50	1000	.....	.....
16	.....	.....	.....	.....	.....	18000	3100	1800	0	1200	.....	.....
17	.....	.....	.....	.....	.....	18000	2800	1800	0	1000	.....	.....
18	.....	.....	.....	.....	.....	16300	2700	1600	0	1000	.....	.....
19	.....	.....	.....	.....	.....	16300	3100	1400	0	1000	.....	.....
20	.....	.....	.....	.....	.....	12500	3000	1100	0	1000	.....	.....
21	.....	.....	.....	.....	.....	12500	2900	800	0	1000	.....	.....
22	.....	.....	.....	.....	.....	12900	2500	600	0	1000	.....	.....
23	.....	.....	.....	.....	.....	12900	2300	600	0	1350	.....	.....
24	.....	.....	.....	.....	.....	14500	2300	600	0	1350	.....	.....
25	.....	.....	.....	.....	.....	14500	2500	500	50	1450	.....	.....
26	.....	.....	.....	.....	.....	12000	3300	500	50	1450	.....	.....
27	.....	.....	.....	.....	.....	10500	3300	450	50	1300	.....	.....
28	.....	.....	.....	.....	.....	10500	3100	450	100	1200	.....	.....
29	.....	.....	.....	.....	.....	10500	2900	350	200	1450	.....	.....
30	.....	.....	.....	.....	.....	10500	3900	300	350	1550	.....	.....
31	.....	.....	.....	.....	.....	.....	2300	100	.....	1450	.....	.....
Mean	.....	.....	.....	.....	.....	13775	4790	2360	58	732	.....	.....
Max.	.....	.....	.....	.....	.....	18000	9500	5900	350	1550	.....	.....
Min.	.....	.....	.....	.....	.....	10500	2900	100	0	300	.....	.....
A. F.	.....	.....	.....	.....	.....	437163	294549	145093	3471	54942	.....	.....
Total	935,218 Acre Feet for 5 months.											

DISCHARGE IN SECOND FEET, PLATTE RIVER AT  
FREMONT, NEBRASKA—1915

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	11800	10400	13400	17300	8090	*	*	*
2	.....	.....	.....	.....	13000	15400	13200	25200	7230	.....	.....	.....
3	.....	.....	.....	.....	14100	14400	11400	24200	6600	.....	.....	.....
4	.....	.....	.....	.....	12800	15000	11600	21800	5950	.....	.....	.....
5	.....	.....	.....	.....	12800	26300	11900	20800	6120	.....	.....	.....
6	.....	.....	.....	.....	12300	23800	10100	19900	6300	.....	.....	.....
7	.....	.....	.....	.....	12100	21300	10900	18200	6480	.....	.....	.....
8	.....	.....	.....	.....	12500	20200	17600	18500	6010	.....	.....	.....
9	.....	.....	.....	.....	22500	11400	17600	14400	14800	5600	.....	.....
10	.....	.....	.....	.....	23000	10200	17200	11000	13000	6790	.....	.....
11	.....	.....	.....	.....	21200	9350	16200	11000	10800	5300	.....	.....
12	.....	.....	.....	.....	19400	8230	10600	11100	9700	5170	.....	.....
13	.....	.....	.....	.....	17400	8640	15200	10000	10000	5040	.....	.....
14	.....	.....	.....	.....	15400	8090	13800	10200	9490	4780	.....	.....
15	.....	.....	.....	.....	13200	7560	14100	9140	9780	4690	.....	.....
16	.....	.....	.....	.....	10600	6780	13200	11900	10000	4330	.....	.....
17	.....	.....	.....	.....	10000	6010	14200	10600	15400	4780	.....	.....
18	.....	.....	.....	.....	7430	6010	16900	9420	12500	10800	.....	.....
19	.....	.....	.....	.....	8860	6480	16600	8230	9500	16400	.....	.....
20	.....	.....	.....	.....	8090	7620	21600	7560	9140	10500	.....	.....
21	.....	.....	.....	.....	7160	9360	26700	7230	8160	9140	.....	.....
22	.....	.....	.....	.....	6480	11000	25700	6540	8020	4980	.....	.....
23	.....	.....	.....	.....	6360	10300	22300	6130	7750	6600	.....	.....
24	.....	.....	.....	.....	6600	9580	19200	6540	7100	5830	.....	.....
25	.....	.....	.....	.....	6580	11000	17400	10300	7100	5300	.....	.....
26	.....	.....	.....	.....	11900	11000	14600	14100	7100	13600	.....	.....
27	.....	.....	.....	.....	9840	12100	13200	10800	7100	21800	.....	.....
28	.....	.....	.....	.....	10800	16400	11900	15700	11300	15700	.....	.....
29	.....	.....	.....	.....	11300	20100	11000	16400	11000	14100	.....	.....
30	.....	.....	.....	.....	10800	19000	10900	16700	10600	13000	.....	.....
31	.....	.....	.....	.....	.....	17900	.....	14500	9070	.....	.....	.....
Mean	.....	.....	.....	.....	12300	11100	17300	11200	12700	3300	.....	.....
Max.	.....	.....	.....	.....	25500	20100	26700	17600	25200	21800	.....	.....
Min.	.....	.....	.....	.....	6360	6010	10900	6130	7100	4330	.....	.....
A. F.	.....	.....	.....	.....	537000	682000	1030000	689000	781000	494000	.....	.....
*No Record.												

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PLATTE RIVER NEAR  
ASHLAND, NEBRASKA—1928

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	*	*	*	1810	*	*	*
2	.....	.....	.....	.....	.....	.....	.....	.....	2250	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	2070	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	1980	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	2010	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	2010	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	2000	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	1980	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	2000	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	1920	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	2250	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	2370	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	2170	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	2290	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	2450	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	2470	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	2350	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	2230	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	2170	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	2470	1980	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	2350	1870	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	2290	1860	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	2230	1910	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	2010	1890	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	2000	2000	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	2210	2150	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	2620	2190	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	2430	2210	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	2090	2330	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	2000	2370	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	1860	.....	.....	.....
Mean	.....	.....	.....	.....	.....	.....	.....	.....	**2210	**2120	.....	.....
Max.	.....	.....	.....	.....	.....	.....	.....	.....	2620	2470	.....	.....
Min.	.....	.....	.....	.....	.....	.....	.....	.....	1860	1810	.....	.....
A. F.	.....	.....	.....	.....	.....	.....	.....	.....	52600	126000	.....	.....

Total 179,000 Acre Feet, 2 months.

\*No Record.

\*\*Measurements made by U. S. G. S.

DISCHARGE MEASUREMENTS OF MISCELLANEOUS STREAMS

AKERS DRAW

Sec. 12, Twp. 23 Rge. 57 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
7- 7	A. W. Hall	16.0	0.88	.....	14.0
8-21	do	52.0	.29	.....	15.0
8-21	do	50.0	.27	.....	13.0

ANTELOPE CREEK

Sec. 21, Twp. 32, Rge. 40 W.

1921					
9-10	Palmer and Heywood	2.3	0.68	.....	1.57
1923					
8- 9	Ketcham and Heywood	4.0	0.74	.....	3.00

ANTELOPE CREEK

Sec. 20, Twp. 4, Rge. 22 W.

1923					
1-16	A. E. Johnston	3.0	1.90	.....	5.0

ARAPAHOE MILL WASTE

Sec. 27, Twp. 4, Rge. 23 W.

1922					
11-24	A. E. Johnston	176.5	1.09	.....	193.8
1923					
2- 8	A. E. Johnston	131.4	0.64	.....	84.8
2-26	do	156.1	.67	.....	106.2
6- 4	do	.....	.....	.....	.0
1924					
6-24	A. E. Johnston	77.1	0.75	.....	57.9
1928					
2-11	C. E. Franklin	86.4	1.28	.....	110.2
3- 8	do	80.0	1.29	.....	103.0
3-23	do	67.6	1.27	.....	85.7
4-12	do	77.5	1.60	.....	124.0
5-21	do	83.0	1.13	.....	93.7
6-23	do	124.4	.79	.....	98.0
7-15	do	73.0	1.14	.....	83.2
7-28	do	.....	.....	.....	†50.0
8-16	do	127.5	.95	.....	121.0
9-10	do	114.0	.80	.....	91.3
10- 2	do	88.7	.52	.....	46.3
10-21	do	140.0	.59	.....	83.2
11-22	do	126.0	.88	.....	111.3

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

ARICKAREE RIVER  
Sec. 28, Twp. 1, Rge. 41 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1921					
5-18	Palmer and Bailey	26.8	0.85	.....	22.9
1923					
4-17	A. E. Johnston	10.7	1.12	.....	11.9
6- 6	do	36.7	2.04	.....	75.2
6-22	do	21.5	1.84	.....	39.6
7-18	do	15.5	1.81	.....	28.2
8- 4	do	8.6	1.01	.....	8.9
9-19	do	5.3	1.30	.....	6.9
10-12	do	6.0	1.26	.....	7.5
12- 4	do	8.0	1.01	.....	8.0
1924					
2-27	A. E. Johnston	23.3	1.64	.....	38.4
4-29	do	8.5	1.44	.....	12.3
5-31	do	42.2	1.29	.....	54.8
6-26	do	3.6	.80	.....	2.9
8- 7	do	.....	.....	.....	.0
9- 5	do	.4	.17	.....	.7
1925					
1-14	A. E. Johnston	1.7	1.11	.....	1.9
2-18	do	26.0	1.43	.....	37.0
3-20	do	32.0	1.59	.....	50.8
4-15	do	16.4	1.33	.....	21.8
5-28	C. E. Franklin	10.3	.95	.....	9.8
6-10	do	16.3	1.07	.....	17.4
7-20	do	.....	.....	.....	.0
8-10	do	2.8	.60	.....	1.7
8-24	do	4.9	.78	.....	3.8
9- 7	do	.8	.66	.....	.5
9-25	do	12.0	1.27	.....	15.3
10-13	do	18.0	1.25	.....	22.5
11-19	do	11.7	1.13	.....	13.2
1926					
3- 6	C. E. Franklin	8.5	1.97	.....	16.8
3-22	do	12.8	1.35	.....	17.3
4- 5	do	16.1	1.40	.....	22.5
4-20	do	8.0	1.37	.....	11.0
5- 5	do	7.0	.91	.....	6.4
5-18	do	11.5	1.44	.....	16.6
5-27	do	5.0	.88	.....	4.4
6-16	do	15.5	1.09	.....	16.9
6- 8	do	.....	.....	.....	†.5
7-15	do	13.6	1.48	.....	20.1
8-30	do	.....	.....	.....	†.5
10-14	A. E. Johnston	4.8	.92	.....	4.4
11- 5	do	8.7	1.00	.....	8.6
1927					
4- 1	C. E. Franklin	27.4	1.20	.....	32.3
4-21	Franklin and Whitehead	30.2	1.55	.....	47.1

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## ARICKAREE RIVER

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5- 4	C. E. Franklin	17.1	1.13	.....	19.3
5-30	do	.....	.....	.....	†.5
6-29	do	15.0	1.22	.....	18.4
7-14	do	23.2	1.20	.....	27.8
8-26	do	5.0	.98	.....	4.9
9- 8	do	5.0	.78	.....	3.9
9-27	do	13.0	1.02	.....	13.3
10- 6	do	6.9	1.27	.....	8.8
11-10	do	15.7	1.57	.....	24.6
12- 6	do	13.6	.99	.....	13.4
12-24	do	5.0	.71	.....	3.6
<b>1928</b>					
1-25	Franklin and Whitehead	14.5	0.61	.....	8.8
2-15	C. E. Franklin	47.8	.87	.....	41.6
3- 9	do	18.2	1.30	.....	23.7
3-24	do	17.5	1.73	.....	30.3
4-13	do	10.1	1.16	.....	11.7
5-17	do	Flood	.....	.....	†3200.0
5-24	do	25.9	1.35	.....	34.9
6-19	do	26.7	1.90	.....	50.6
7-10	do	10.5	1.04	.....	10.9
7-31	do	22.1	1.17	.....	25.9
8-18	do	11.0	1.00	.....	11.1
9-12	do	19.0	1.59	.....	30.2
9-21	do	7.0	.95	.....	6.6
10- 4	do	6.3	.99	.....	6.2
10-23	do	11.3	1.40	.....	15.9
11- 3	do	19.3	1.42	.....	27.2
11-23	do	15.6	1.22	.....	19.0
12-22	do	21.0	.77	.....	16.1

## ARNOLD DRAIN

Sec. 12, Twp. 24, Rge. 61 W., Wyoming

<b>1923</b>					
4- 4	A. E. Johnston	4.0	1.21	.....	4.8
5- 9	do	4.3	1.04	.....	4.5
6-15	E. F. Ketcham	4.0	1.42	.....	5.7
8-13	do	4.0	1.26	.....	5.0
<b>1924</b>					
2-15	A. E. Johnston	7.2	1.43	.....	10.4
3-20	do	5.6	1.23	.....	6.9
4-10	do	4.3	1.31	.....	5.6
5- 7	do	3.5	.90	.....	3.5
6- 7	do	3.6	1.13	.....	4.1
9-17	Atkins and Johnston	6.2	2.20	.....	13.7
10-14	A. E. Johnston	3.0	3.16	.....	9.5
10-29	do	5.0	1.80	.....	9.6
11-20	do	6.3	1.75	.....	11.0
12-16	do	6.6	1.92	.....	12.7

†Estimated.



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

ARNOLD DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
1- 7	A. E. Johnston	7.8	1.50	.....	12.0
2- 4	do	7.2	2.10	.....	15.2
3- 3	do	4.8	1.73	.....	8.3
4- 2	do	1.8	.70	.....	1.2
4-22	Johnston and Franklin	3.0	1.10	.....	3.3
5-21	A. W. Hall	2.4	1.92	.....	4.6
6- 6	do	4.4	2.96	.....	13.0
6-20	do	3.6	1.75	.....	6.3
7- 2	do	3.6	1.92	.....	6.9
8- 1	do	7.9	2.34	.....	18.0
9- 4	do	6.0	2.76	.....	16.6
10-21	A. E. Johnston	8.7	2.02	.....	17.6
12- 2	do	6.2	2.15	.....	13.3
<b>1926</b>					
1-28	A. E. Johnston	4.8	1.69	.....	8.1
2-24	do	6.0	1.83	.....	11.0
3-18	A. W. Hall	4.4	1.55	0.83	5.5
4- 9	do	4.4	1.55	.83	6.8
5- 6	do	1.3	.65	.45	.8
5-20	do	5.8	1.98	1.10	11.5
6- 2	do	7.3	.82	1.40	6.0
6-23	do	5.4	2.50	1.17	13.4
7- 9	do	8.2	3.29	1.65	27.0
7-22	do	3.6	1.30	.80	4.7
8-13	do	7.2	2.61	1.60	18.8
8-27	do	6.7	3.36	1.60	22.5
9-15	do	6.3	2.86	1.50	17.9
10- 7	A. E. Johnston	4.3	3.00	1.05	12.9
10-27	A. W. Hall	5.3	2.28	1.00	12.1
11-29	do	5.0	2.91	1.05	14.6
<b>1927</b>					
1- 6	A. W. Hall	2.8	1.57	0.85	4.4
2- 1	do	.....	.....	.....	Ice
2-23	do	2.7	1.96	.85	5.3
3-11	do	5.5	2.16	.85	10.9
3-31	A. E. Johnston	6.6	2.58	1.20	17.1
4-25	do	3.3	1.42	.80	4.7
5-12	A. W. Hall	3.6	2.08	.95	7.5
5-25	do	3.3	2.11	.85	6.9
6-16	do	5.2	3.25	1.20	16.9
7- 7	do	4.9	2.73	1.15	13.4
8- 4	do	5.7	3.66	.....	20.9
8-25	do	5.4	3.18	1.25	17.2
10-14	C. E. Franklin	4.0	3.70	1.28	14.8
11- 8	A. W. Hall	5.4	3.58	1.25	19.3
11-23	do	3.1	2.74	.....	8.5
12-12	C. E. Franklin	10.4	.68	2.50	7.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

ARNOLD DRAIN  
(Continued)

Date	Hydrographer	Section Area of	Velocity Mean	Height Gage	Sec.-Ft. Discharge
1928					
1-11	C. E. Franklin	4.2	2.87	.....	12.1
2-11	A. W. Hall	6.0	1.93	1.00	11.6
3-20	do	2.6	1.46	.65	3.8
4-20	do	3.6	.92	.90	3.3
5- 3	do	5.8	.81	1.15	4.7
5-16	do	3.5	1.08	1.10	3.8
5-31	**Goyne Drummond	3.1	1.72	1.00	4.9
6-15	A. W. Hall	5.8	1.71	1.15	11.9
7-20	do	3.7	2.21	1.10	8.2
8- 3	do	6.6	2.20	1.20	14.5
9- 5	do	6.2	2.11	1.15	13.1
9-24	do	5.7	2.72	1.25	15.5
11-17	C. E. Franklin	3.4	2.35	.....	8.2
11-28	do	3.6	2.14	.....	7.7
12- 6	do	7.4	.75	.....	5.5

## ASH CREEK

Sec. 7, Twp. 32, Rge. 50 W.

1921					
3-16	Palmer and Heywood	8.0	1.56	.....	13.0
9- 8	do	2.0	.98	.....	2.0
11- 2	T. C. Palmer	5.0	.63	.....	3.0
1923					
10- 6	A. E. Johnston	7.0	0.36	.....	3.0
1924					
10-10	J. D. Heywood	.....	.....	.....	3.0
1925					
3-26	A. E. Johnston	0.5	0.57	.....	3.0
1926					
3-23	A. E. Johnston	6.4	0.55	.....	3.5
4-14	do	3.4	.71	.....	2.4
7-29	do	2.3	.70	.....	1.6
9-13	do	4.7	.40	.....	1.9
10-29	do	5.7	.32	.....	1.8
1927					
2- 3	A. W. Hall	2.0	0.50	.....	1.0
4-29	A. E. Johnston	13.0	1.39	.....	18.0
5-25	do	20.0	.73	.....	16.0
6-23	do	11.0	.80	.....	9.0
8- 1	do	5.0	.89	.....	4.0
9-21	do	6.0	.76	.....	4.0
11- 3	do	12.0	.58	.....	7.0
11-22	do	10.0	1.32	.....	7.0
12-20	do	.....	.....	.....	Ice
1928					
1-16	A. E. Johnston	9.0	2.34	.....	21.0
2- 7	do	8.0	1.46	.....	11.0

\*\*Wyoming measurement.

## STATE OF NEBRASKA

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

ASH CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
3-28	A. W. Hall	8.0	.99	.....	8.0
5- 3	A. E. Johnston	10.0	.97	.....	9.0
6-22	A. W. Hall	2.0	2.17	.....	4.0
7- 3	A. E. Johnston	7.0	.60	.....	4.0
8-17	do	1.0	.23	.....	.3
9-28	do	3.0	.22	.....	.6
10-25	do	3.0	.74	.....	2.0

ASH CREEK, EAST  
Sec. 32, Twp. 32, Rge. 50 W.

<b>1921</b>					
3-16	Palmer and Heywood	4.0	0.84	.....	3.0
<b>1922</b>					
2-14	Palmer and Heywood	4.0	1.10	.....	4.0
3-30	do	3.0	1.17	.....	3.0
<b>1924</b>					
10-10	J. D. Heywood	.....	.....	.....	2.0
<b>1927</b>					
11- 3	A. E. Johnston	3.0	1.03	.....	3.0
11-22	do	4.0	1.10	.....	5.0
12-20	do	3.0	1.29	.....	4.0
<b>1928</b>					
1-16	A. E. Johnston	7.0	0.53	.....	4.0
2-27	do	4.0	1.02	.....	4.0
3-28	A. W. Hall	4.0	1.34	.....	6.0
4- 3	A. E. Johnston	6.0	1.05	.....	7.0
5- 3	do	5.0	.94	.....	4.0
8-17	do	3.0	.35	.....	1.0
9-28	do	2.0	.53	.....	1.0
10-25	do	5.0	.21	.....	1.0

ASH CREEK, WEST  
Sec. 36, Twp. 32, Rge. 51 W.

<b>1921</b>					
3-16	Palmer and Heywood	2.0	2.00	.....	3.0
<b>1922</b>					
3-30	Heywood and Palmer	3.0	1.28	.....	3.0
8- 2	A. H. Atkins	1.0	1.60	.....	2.0
<b>1923</b>					
8- 6	E. F. Ketcham	4.0	1.95	.....	7.0
<b>1928</b>					
4- 3	Johnston and Rasmussen	5.0	0.97	.....	5.0

ASH CREEK, WEST  
Sec. 11, Twp. 31, Rge. 51 W.

<b>1921</b>					
11- 3	T. C. Palmer	2.0	0.95	.....	2.0
12-14	do	2.0	1.02	.....	2.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## ASH CREEK, WEST

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1922					
2-14	Heywood and Palmer	3.0	0.93	.....	3.0
8- 2	A. H. Atkins	1.0	1.42	.....	2.0
1923					
9- 7	A. E. Johnston	4.0	0.70	.....	3.0
1924					
10-10	J. D. Heywood	.....	.....	.....	2.0

## ASHLAND DRAIN NOS. 1 AND 2

Sec. 33, Twp. 13, Rge. 10 W.

## NO. 1

1923					
7- 2	A. H. Atkins	4.2	1.37	.....	5.8
7-21	E. F. Ketcham	2.8	.62	.....	1.7
8- 6	A. H. Atkins	12.7	1.85	.....	23.6

## ASHLAND DRAIN NO. 2

1923					
7- 2	A. H. Atkins	1.9	1.72	.....	3.3
7-21	E. F. Ketcham	1.6	.63	.....	1.0
8- 6	A. H. Atkins	6.2	1.51	.....	9.4

## AUSTIN CREEK

Sec. 22, Twp. 4, Rge. 6 E.

1923					
8-20	A. E. Johnston	2.7	0.58	.....	1.6
1927					
8-16	A. E. Johnston	147.0	3.51	.....	519.0
1928					
6-20	A. E. Johnston	10.0	0.10	.....	1.0

## BATTLE CREEK

Sec. 1, Twp. 23, Rge. 3 W.

1923					
8-18	A. E. Johnston	11.8	0.83	.....	9.9

## BAYARD DRAIN NO. 3

Sec. 34, Twp. 21, Rge. 52 W. at B. and M. Depot

1919					
4- 3	T. C. Palmer	7.6	2.04	.....	15.5
4-22	do	5.3	1.55	.....	8.2
5- 6	do	6.7	1.50	.....	10.0
5-12	do	6.3	1.57	.....	9.9
5-20	do	7.7	1.30	.....	10.1
6-10	do	7.6	2.26	.....	17.2
6-23	do	22.0	1.51	.....	33.3
7-28	do	26.4	2.09	.....	55.2
9- 4	do	26.0	2.69	.....	69.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## BAYARD DRAIN NO. 3

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
9- 8	T. C. Palmer	28.6	2.32	.....	66.3
9-30	do	21.7	2.89	.....	62.9
10- 7	do	22.0	2.44	.....	53.7
10-17	do	26.4	2.00	.....	52.8
10-29	do	28.5	1.88	.....	53.6
11- 5	do	25.0	1.68	.....	42.2

## BAYARD SUGAR FACTORY DRAIN

Sec. 34, Twp. 21, Rge. 52 W.

<b>1919</b>					
4- 3	T. C. Palmer	8.0	2.62	.....	20.9
4-22	do	7.5	2.88	.....	21.7
4-28	do	6.9	2.41	.....	16.6
5- 6	do	6.9	2.63	.....	18.1
5-12	do	8.1	2.83	.....	22.7
5-20	do	6.9	1.93	.....	13.4
6- 3	do	10.4	3.46	.....	35.8
6-10	do	8.1	3.40	.....	27.4
7-19	do	9.2	2.72	.....	25.0
7-22	do	8.8	3.08	.....	27.1
8-13	do	10.5	3.80	.....	40.7
9- 4	do	12.7	3.17	.....	40.1
9- 8	do	15.0	4.10	.....	61.7
9-22	do	17.3	4.46	.....	77.0
9-30	do	15.0	4.00	.....	59.7
10- 7	do	12.7	3.65	.....	56.1
10-17	do	12.7	3.90	.....	49.4
10-29	do	13.8	3.26	.....	45.0
11- 5	do	14.4	2.78	.....	40.0
<b>1921</b>					
1-11	T. C. Palmer	9.2	2.33	.....	21.5
2- 2	do	9.2	2.78	.....	25.6
2-18	do	11.5	2.66	.....	30.6
2-24	do	9.2	2.67	.....	24.6
3- 7	do	9.2	2.92	.....	26.8
3-23	do	8.1	2.53	.....	20.4
4-11	do	8.1	2.43	.....	19.6
4-28	do	8.1	1.99	.....	15.9
5-10	do	8.1	2.02	.....	16.2
6- 6	Palmer and Atkins	10.3	3.08	.....	31.8
6-20	T. C. Palmer	11.5	3.12	.....	35.9
7- 5	do	11.5	2.63	.....	30.3
8- 8	do	13.8	2.72	.....	37.5
8-18	do	13.8	3.05	.....	42.2
8-29	do	13.8	3.16	.....	43.6
9-26	do	17.3	2.85	.....	49.3
10- 5	do	13.8	3.14	.....	43.3
10-26	do	13.8	3.01	.....	41.5
11- 7	do	11.5	3.84	.....	44.2
11-29	do	11.5	3.00	.....	34.3
12-19	do	10.4	3.70	.....	38.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BAYARD SUGAR FACTORY DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1- 9	T. C. Palmer	10.4	2.45	.....	25.4
2- 6	do	10.4	2.45	.....	25.4
3- 6	do	8.8	2.75	.....	24.2
3-23	do	10.4	2.20	.....	22.8
4- 5	do	10.7	1.50	.....	26.0
5- 5	do	11.5	2.10	.....	24.1
6- 5	do	12.7	2.80	.....	35.5
7-25	do	13.8	3.18	.....	44.0
9- 1	do	16.1	2.53	.....	40.8
9-14	Palmer and Easterday	13.3	3.15	.....	42.0
10- 3	A. E. Johnston	2.4	3.17	.....	76.6
11-15	do	15.0	3.86	.....	57.9
12-14	do	11.8	2.44	.....	28.8
12-26	do	16.3	2.84	.....	46.4
<b>1923</b>					
1-23	A. E. Johnston	10.8	4.44	.....	48.0
2-14	do	9.5	3.73	.....	30.8
3- 7	do	6.4	4.68	.....	30.0
3-19	do	9.2	3.21	.....	29.6
4- 2	do	7.4	3.37	.....	24.9
4-28	do	7.6	3.56	.....	27.1
5-12	Ketcham and Johnston	9.7	3.34	.....	32.4
5-31	E. F. Ketcham	8.8	4.15	.....	36.5
6-20	do	10.8	4.70	.....	50.9
7-12	A. E. Johnston	15.6	3.61	.....	56.4
7-25	do	12.5	3.94	.....	49.3
8-17	E. F. Ketcham	17.6	3.16	.....	55.7
8-29	A. E. Johnston	17.4	3.33	.....	58.1
9-17	A. H. Atkins	25.7	2.14	.....	55.1
9-21	do	30.1	2.67	.....	80.5
10- 8	do	19.5	2.48	.....	48.5
10-23	A. E. Johnston	13.8	3.55	.....	49.1
11- 2	A. H. Atkins	21.6	2.66	.....	57.5
11- 5	do	20.4	2.29	.....	46.9
11- 7	do	21.6	2.18	.....	47.2
11-14	A. E. Johnston	11.6	3.61	.....	41.9
11-19	A. H. Atkins	17.6	2.11	.....	37.3
11-21	do	17.0	2.10	.....	35.8
12- 3	do	18.3	2.28	.....	41.8
12- 5	do	19.9	2.32	.....	46.2
12-11	Johnston and Hall	11.9	3.75	.....	44.7
<b>1924</b>					
1-14	A. E. Johnston	9.6	2.93	.....	28.2
1-28	do	12.0	3.91	.....	46.9
2-13	do	10.5	3.35	.....	35.3
3-18	do	9.6	2.79	.....	26.7
4- 9	do	8.8	3.45	.....	30.6
4-16	do	10.8	3.41	.....	36.8
5- 6	do	7.2	3.30	.....	23.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BAYARD SUGAR FACTORY DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
6- 6	do	14.3	3.96	.....	56.7
7- 1	do	14.3	3.37	.....	48.3
7-10	do	7.2	3.52	.....	25.4
7-24	C. G. Hrubesky	18.0	3.11	.....	56.1
8- 9	do	20.4	3.58	.....	73.1
8-28	A. E. Johnston	12.0	4.82	.....	58.0
9- 3	C. G. Hrubesky	16.8	3.25	.....	54.5
9-20	A. E. Johnston	21.6	4.01	.....	86.8
10-16	do	14.4	4.50	.....	64.8
10-31	do	14.4	4.61	.....	66.5
11-18	do	14.4	4.35	.....	63.1
12-17	do	14.4	3.80	.....	54.8
<b>1925</b>					
1- 6	A. E. Johnston	10.8	4.04	.....	43.6
2- 2	do	10.8	3.50	.....	41.2
3- 2	do	12.0	4.18	.....	50.3
3-31	do	9.6	4.00	.....	38.3
4-20	Johnston and Franklin	9.6	3.42	.....	32.9
5-18	A. W. Hall	14.7	3.44	.....	50.5
6- 3	do	16.1	1.70	.....	27.4
6-17	do	.....	.....	.....	34.0
6-29	do	16.0	3.53	.....	56.5
7-22	do	19.0	2.83	1.50	53.8
7-29	do	20.7	3.19	1.60	66.0
8-31	do	22.5	2.94	1.58	66.2
9-23	A. E. Johnston	22.8	3.96	1.90	90.3
10-19	do	19.2	3.90	1.40	75.5
12- 4	do	13.2	4.15	.....	54.8
<b>1926</b>					
1-25	A. E. Johnston	11.6	4.10	.....	47.2
2-23	do	12.0	3.70	0.90	44.3
3-16	A. W. Hall	11.6	3.26	.80	37.9
4- 9	do	10.1	3.22	.75	32.5
5- 4	do	9.8	2.92	.70	28.6
5-17	do	9.6	3.43	.80	32.9
6- 6	do	12.9	3.74	1.15	48.2
6-21	do	9.6	3.55	.90	34.1
7- 7	do	18.9	3.58	1.40	67.7
7-23	do	15.4	3.10	1.30	47.6
8-10	do	16.4	3.75	1.33	61.4
8-23	do	17.0	3.80	1.40	64.7
9-13	do	19.2	3.64	1.60	69.9
10- 4	A. E. Johnston	16.8	4.16	1.35	70.2
10-15	A. W. Hall	16.2	3.60	1.30	58.3
11- 4	do	13.8	4.13	1.10	67.0
11-15	do	13.2	4.25	1.05	55.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BAYARD SUGAR FACTORY DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
1- 5	A. W. Hall	11.9	4.29	0.90	51.0
2-11	do	10.0	4.56	.85	45.6
3- 9	do	16.8	3.06	1.35	51.5
3-28	A. E. Johnston	11.3	3.50	.75	39.5
4-22	do	14.2	4.38	1.10	62.4
4-27	do	12.0	3.82	.90	45.9
5-11	A. W. Hall	11.5	3.54	.90	39.7
5-23	do	11.9	3.52	.95	42.0
6-14	do	10.4	3.83	.90	39.9
7- 8	do	17.0	3.66	.....	62.4
7-26	do	16.4	3.69	1.35	60.6
8-27	do	16.4	3.82	1.45	62.8
10-15	C. E. Franklin	15.6	3.63	.....	56.7
11- 5	A. W. Hall	13.2	4.06	1.00	53.6
11-21	do	11.3	3.80	.90	42.8
<b>1928</b>					
1-13	C. E. Franklin	10.8	4.95	.....	53.5
2- 9	A. W. Hall	8.9	3.71	0.70	33.3
3-17	do	10.1	3.61	.55	36.3
4- 4	do	69.6	3.57	.55	24.8
4-18	do	6.2	3.04	.45	18.9
5-19	do	12.6	4.25	.90	53.7
6- 6	do	14.6	3.99	.90	58.0
6-29	do	13.5	3.37	1.00	45.6
7-19	do	15.9	2.93	.....	46.6
8- 6	do	11.6	4.00	.80	46.6
8-24	do	11.8	3.80	.90	44.9
9-11	do	11.8	3.28	1.00	38.7
10-17	do	13.9	4.56	1.10	63.5
11-13	C. E. Franklin	8.4	5.08	.....	42.7
11-25	do	11.6	4.85	.....	56.2
12-11	do	11.0	5.10	.....	56.0
12-26	do	10.3	4.68	.....	58.3

## BAZILLE CREEK

Sec. 4, Twp. 29, Rge. 5 W.

<b>1928</b>					
12-25	A. E. Johnston	9.2	1.64	.....	15.1

## BEAR CREEK

Sec. 36, Twp. 4, Rge. 6 E.

<b>1928</b>					
5-15	A. E. Johnston	1.3	0.61	.....	0.8

## BEAR CREEK

Sec. 25, Twp. 34, Rge. 36 W.

<b>1923</b>					
8-17	A. H. Atkins	39.6	1.54	.....	61.0
9- 6	A. E. Johnston	8.4	1.55	.....	13.0
10- 5	do	33.4	1.99	.....	66.0
11-10	do	28.0	1.70	.....	47.0
11-25	Atkins and Heywood	22.7	1.63	.....	37.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## BEAR CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
5-13	A. E. Johnston	12.2	1.75	.....	21.0
7-29	do	10.4	1.47	.....	15.0
8-19	do	7.6	1.26	.....	10.0
<b>1925</b>					
5-29	A. E. Johnston	10.1	1.84	.....	18.6
<b>1926</b>					
3- 3	A. E. Johnston	28.4	2.20	.....	63.0
3-24	do	13.9	2.15	1.10	30.0
4-15	do	16.3	2.09	1.10	34.0
5- 7	do	23.8	1.89	.....	45.0
5-28	do	11.7	1.55	.....	18.0
7- 8	do	15.0	1.97	.....	30.0
9-14	do	9.6	1.41	.....	14.0
<b>1927</b>					
5-27	A. E. Johnston	16.0	2.3	.....	37.0
9- 2	do	7.2	1.7	.....	12.0
9-22	do	8.7	1.3	.....	11.0
11- 4	do	16.9	1.9	.....	33.0
<b>1928</b>					
2- 9	A. E. Johnston	19.5	1.94	.....	37.8
4- 4	do	26.8	2.14	.....	57.3
5- 5	do	18.6	1.81	.....	33.7
7- 6	do	114.0	1.57	.....	179.0
10- 1	do	7.1	1.42	.....	10.1
10-26	do	10.3	1.70	.....	17.6
12-22	do	19.8	1.62	.....	32.1

## BEAVER CREEK

Sec. 24, Twp. 2, Rge. 20 W.

<b>1924</b>					
6-24	A. E. Johnston	36.7	1.34	.....	49.8
<b>1926</b>					
10-16	A. E. Johnston	19.5	1.51	.....	29.5

## BEAVER CREEK

Sec. 15, Twp. 20, Rge. 6 W.

<b>1923</b>					
6-29	A. H. Atkins	32.5	1.68	54.90	54.9
8- 3	do	46.0	2.11	.....	97.5
<b>1926</b>					
3- 6	A. E. Johnston	82.9	0.88	.....	72.7
3-29	do	42.1	2.22	.....	93.5
4-19	do	33.9	2.06	.....	69.7
5-11	do	34.6	2.00	.....	69.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## BEAVER CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
6- 3	A. E. Johnston	31.1	1.91	.....	54.1
7-13	do	30.3	1.61	.....	48.8
9-17	do	67.9	1.21	.....	82.1
<b>1927</b>					
6- 2	A. E. Johnston	44.9	2.03	.....	91.3
9- 7	do	78.6	2.16	.....	169.7
9-26	do	39.3	1.68	.....	66.3
11- 9	do	43.6	1.62	.....	70.8
<b>1928</b>					
2-14	A. E. Johnston	65.1	2.06	.....	134.0
4- 9	do	44.7	1.61	.....	72.4
5-10	do	40.3	1.88	.....	76.1
7-11	do	40.7	1.34	.....	54.5
10- 5	do	28.0	1.59	.....	44.5

## BIRDWOOD CREEK

Sec. 2, Twp. 14, Rge. 33 W.

<b>1914</b>					
10-11	C. J. McNamara	85.3	1.80	2.95	154.1
11-10	do	84.9	1.85	2.93	157.5
<b>1915</b>					
5- 8	C. J. McNamara	79.5	1.82	2.89	144.8
6-11	do	85.2	1.94	2.90	165.8
8-25	D. P. Weeks, Jr.	78.9	1.89	2.92	149.7
<b>1919</b>					
4-18	North and Palmer	93.6	1.94	1.40	182.4
5- 5	Earl North	92.7	1.92	1.35	178.8
5-15	do	92.5	1.84	.....	170.4
5-23	do	84.8	1.89	1.10	160.9
9- 2	do	99.1	1.94	1.10	192.9
<b>1921</b>					
3- 1	T. C. Palmer	102.8	1.81	0.50	186.6
3-31	do	97.2	1.97	.....	191.6
5- 4	do	86.1	1.94	.....	167.0
6-23	A. H. Atkins	76.2	3.57	.....	272.2
7- 8	do	82.2	3.80	.....	312.5
7-14	**J. K. Rohrer	.....	.....	1.00	150.0
7-15	A. H. Atkins	83.0	2.06	1.00	171.0
7-28	do	96.3	2.02	1.00	194.2
8- 3	do	88.6	2.16	.50	191.4
8-12	do	79.5	2.26	.30	179.9
8-18	do	77.1	2.07	.30	160.8
10-19	T. C. Palmer	100.9	2.19	.....	220.8

\*\*U. S. R. S. Measurements.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## BIRDWOOD CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
4-13	A. E. Johnston	99.5	2.17	.....	215.0
4-19	do	91.2	1.84	.....	167.8
5- 3	do	75.4	2.20	.....	165.7
5-26	do	115.6	2.50	.....	289.8
6- 8	do	104.2	2.06	.....	214.8
6-19	do	84.0	2.10	.....	176.5
6-26	do	72.6	1.90	0.90	138.4
7- 3	do	81.5	2.48	.50	202.5
7-10	do	83.3	2.11	.50	176.5
7-22	do	81.9	2.23	.55	183.3
7-29	do	106.6	2.31	.50	246.5
8- 8	do	149.6	1.67	.60	250.8
8-12	do	90.4	2.24	.60	202.5
8-30	do	79.4	2.19	.80	174.6
9-20	Johnston and Easterday	83.0	2.19	.....	182.1
9-30	A. E. Johnston	70.3	2.37	.60	167.0
11-22	do	67.9	2.66	.80	181.1
<b>1923</b>					
1-11	A. E. Johnston	77.2	2.89	.....	223.3
3- 1	do	73.5	2.37	.....	174.9
3-28	do	69.2	2.51	.....	173.7
4-11	do	64.8	2.52	.....	163.5
5-18	do	73.9	2.12	.....	157.4
5-30	do	91.2	2.22	.....	203.1
6-14	do	87.3	2.06	.....	180.1
6-30	do	85.8	2.35	.....	202.2
7-11	A. H. Atkins	80.2	2.02	0.80	162.5
7-27	do	85.2	1.88	1.00	160.3
7-30	E. F. Ketcham	80.4	1.98	.....	159.7
8-10	A. E. Johnston	111.8	3.73	.....	417.4
8-27	A. H. Atkins	63.9	1.97	.....	126.0
9-13	A. E. Johnston	80.2	2.01	.....	161.9
10-18	do	91.0	2.23	.....	203.6
10-19	Atkins and Wood	93.5	2.11	.....	197.9
11-24	A. E. Johnston	87.1	2.34	.....	204.1
<b>1924</b>					
2- 7	A. E. Johnston	71.6	2.60	.....	186.4
3- 3	do	69.1	2.82	.....	194.9
3-13	do	72.8	2.42	.....	176.5
4-22	do	82.8	2.15	.....	178.6
5-22	do	76.9	2.41	.....	186.0
6-16	do	79.6	2.25	.....	179.1
7-17	do	59.2	2.26	.....	134.0
7-23	do	71.6	1.91	.....	136.9
8- 4	C. G. Hrubesky	61.9	2.34	0.80	145.5
8-19	do	62.7	2.37	.80	149.7
8-30	do	68.6	2.40	.....	164.7
10-24	A. E. Johnston	71.9	2.50	.....	179.3
11-15	do	71.5	2.70	.....	192.9
12- 2	do	69.1	2.84	.....	195.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BIRDWOOD CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
2-10	A. E. Johnston	88.4	2.66	.....	234.7
3-12	do	84.0	2.22	.....	186.0
4- 8	do	87.7	2.50	.....	218.8
5- 7	do	79.0	2.37	.....	187.0
5-18	do	74.0	2.66	.....	197.0
6- 5	do	85.4	2.70	.....	189.0
6-13	do	79.0	2.46	.....	195.0
6-27	do	64.5	2.20	.....	142.0
7- 8	do	78.0	2.28	.....	173.0
7-20	do	63.4	2.40	.....	151.3
8- 5	do	65.0	2.29	.....	149.0
8-12	do	75.0	2.86	.....	215.0
8-27	do	65.0	2.54	.....	165.0
9- 3	do	77.5	2.54	.....	196.5
9-17	do	70.3	2.56	.....	180.0
9-24	do	78.8	2.38	.....	187.0
11- 5	do	77.8	2.53	.....	196.5
<b>1926</b>					
1-22	A. E. Johnston	91.0	2.31	.....	210.0
2-10	do	82.2	2.62	.....	214.9
3-17	do	95.2	2.41	.....	229.7
4- 8	do	87.0	2.62	0.60	228.0
4-28	do	69.7	2.48	.40	172.8
5-19	do	70.0	2.58	.50	180.2
6-12	do	64.6	2.58	.50	166.8
6-26	do	77.3	2.60	.70	201.1
7-22	do	64.6	2.32	.60	150.4
7-31	do	75.3	2.33	.55	175.3
8- 8	do	74.4	2.26	.55	167.2
8-21	do	70.0	2.32	.70	162.6
9- 1	do	71.0	2.41	.20	170.5
9-28	do	72.6	2.64	.70	191.6
10-25	do	72.0	2.71	.70	195.3
11-12	do	82.0	2.72	.60	223.6
<b>1927</b>					
4- 7	A. E. Johnston	59.5	3.45	1.70	205.0
4-18	do	77.6	2.58	2.00	200.0
5- 5	do	76.0	2.44	2.10	185.0
5-20	do	77.3	2.44	1.70	189.0
6-14	do	78.2	2.66	1.95	209.0
6-30	do	70.0	2.44	1.90	171.0
7-15	do	77.8	2.36	1.40	184.0
7-25	do	70.6	2.30	1.35	162.0
8- 6	do	73.7	2.43	1.80	179.0
8-23	do	71.6	2.66	1.80	191.0
9-14	do	78.9	2.58	1.90	204.0
10- 6	do	63.1	2.82	1.80	178.0
10-28	do	75.8	2.63	1.90	199.0
11-16	do	68.9	3.10	1.75	213.0
11-28	do	73.6	2.78	1.75	205.0
12-10	do	111.5	1.64	.....	184.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## BIRDWOOD CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-10	A. E. Johnston	.....	.....	.....	Ice.
1-23	do	65.3	3.26	1.90	213.3
2- 2	do	76.8	2.93	2.90	224.7
2-28	do	71.2	2.93	1.72	209.7
3- 7	do	82.0	2.77	1.75	227.0
3-27	do	73.0	2.80	1.70	205.4
4-24	do	85.3	2.52	1.70	215.3
5-29	do	85.3	2.12	1.80	180.5
6- 8	do	85.6	2.35	1.85	201.0
6-27	do	80.8	2.49	1.90	201.4
7-18	do	86.3	2.56	2.05	220.6
7-26	do	78.9	2.22	1.85	175.1
8- 9	do	66.5	2.54	1.85	168.8
8-21	do	70.5	2.21	1.80	155.9
8-28	do	67.0	2.24	1.80	149.6
9- 3	do	73.3	2.05	1.80	150.9
9-17	do	71.5	2.22	1.80	159.2
10-17	do	69.9	2.38	1.80	166.7
11- 9	do	79.5	2.44	1.80	194.6
11-24	do	79.4	2.42	1.80	191.9
12-18	do	76.7	2.50	1.70	191.4

## BLACKWOOD CREEK

Sec. 15, Twp. 3, Rge. 31 W.

1925

5-20	C. E. Franklin	3.20	1.09	.....	3.5
7-25	do	.48	.96	.....	.5

## BLUE CREEK

Sec. 30, Twp. 16, Rge. 42 W.

1919

4-19	North and Palmer	44.8	1.84	2.35	82.7
4-23	Earl North	41.5	2.18	2.35	90.5
5- 7	do	47.8	1.94	2.40	92.6
5-12	do	46.3	1.96	2.30	90.8
5-24	do	26.6	1.56	1.80	41.5
5-28	do	10.8	1.06	1.30	11.5
6-13	do	8.5	.99	1.30	8.5
6-20	do	6.8	.67	1.20	4.5
7- 7	do	27.7	1.45	1.90	40.3
7-15	do	.....	.....	.....	.0
8- 5	Palmer and Hartman	5.8	.94	1.20	5.4
8-30	Earl North	29.3	1.54	1.80	45.1
9- 8	do	44.8	1.24	1.25	6.0

1921

1- 5	T. C. Palmer	50.7	2.06	2.60	104.7
2-28	do	46.9	2.35	2.50	110.3
3-30	do	40.9	2.29	2.40	93.6
4-15	do	41.2	2.25	2.30	92.8
5- 3	do	35.5	1.91	2.00	67.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BLUE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
6-21	A. H. Atkins	36.0	2.35	.90	84.4
8- 5	do	8.4	1.48	.20	12.4
8-19	do	11.8	1.26	.30	14.9
8-30	do	14.5	1.64	.60	23.8
9-12	T. C. Palmer	22.0	1.15	1.70	25.4
10-13	do	32.3	1.83	2.00	59.0
11-28	do	41.7	2.22	2.40	90.1
<b>1922</b>					
3-18	T. C. Palmer	48.1	1.82	.....	87.6
4- 6	A. E. Johnston	64.1	.19	0.31	124.0
4-18	do	42.2	2.25	2.20	90.3
5- 1	do	51.5	2.04	4.00	105.1
5-15	do	32.2	1.61	1.90	51.9
6- 1	do	44.0	1.96	2.20	86.5
6-16	do	6.5	1.26	1.00	8.2
6-27	do	58.8	1.72	2.40	101.1
7- 1	do	31.7	1.75	1.60	55.6
7-14	do	17.2	1.23	1.20	21.2
7-20	do	15.3	1.29	1.10	19.8
8- 4	do	113.9	2.46	4.50	230.3
8-18	do	2.7	.55	.90	1.5
9- 1	do	1.4	.78	.10	1.1
9- 7	T. C. Palmer	24.1	1.34	2.42	32.4
9- 8	do	37.6	3.17	2.90	119.3
9-16	Johnston and Easterday	28.7	1.88	1.84	54.1
9-26	A. E. Johnston	23.4	1.69	2.50	39.6
10-25	do	33.1	1.91	1.75	63.4
11-27	do	39.4	2.25	2.30	88.9
<b>1923</b>					
1-12	A. E. Johnston	40.0	2.71	3.10	108.7
2-10	do	42.3	2.16	3.20	91.6
3- 2	do	38.2	2.52	3.40	96.5
3-29	do	37.9	2.19	2.60	82.9
4-10	do	40.7	2.30	.....	93.8
5-16	do	26.7	1.77	3.20	47.4
5-28	do	48.8	2.14	.....	124.2
6-12	do	43.8	2.19	3.50	96.0
6-28	do	31.3	1.78	2.80	55.9
7- 6	E. F. Ketcham	21.9	1.86	.....	40.8
7-20	A. E. Johnston	1.5	.89	.90	1.3
7-24	A. H. Atkins	4.0	1.25	1.00	5.0
8-11	A. E. Johnston	36.0	2.30	2.90	83.0
8-25	A. H. Atkins	51.6	1.74	1.55	90.3
9-11	A. E. Johnston	7.7	1.37	2.85	10.6
9-26	A. H. Atkins	28.9	1.68	1.40	48.8
<b>1924</b>					
2- 9	A. E. Johnston	51.3	2.29	2.80	117.9
3- 4	do	51.8	2.40	3.65	124.8
3-14	do	45.0	2.35	2.60	106.0
4- 4	do	43.9	2.35	2.60	103.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BLUE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
4-21	A. E. Johnston	47.7	2.42	2.60	115.8
5-20	do	18.5	1.83	1.70	33.9
6-13	do	30.1	1.92	2.15	58.0
7-15	do	8.9	1.24	.....	11.0
7-24	do	14.5	1.28	.....	18.7
8- 1	C. G. Hrubesky	16.2	1.35	.....	21.9
8-16	do	14.6	1.60	.....	23.6
8-27	A. E. Johnston	2.6	.62	1.25	1.6
9- 2	C. G. Hrubesky	10.9	.96	.....	10.5
10- 6	A. E. Johnston	41.0	2.08	2.30	85.0
10-25	do	42.8	2.25	2.45	96.4
11-17	do	41.6	2.24	2.70	93.1
12- 1	do	46.7	2.42	2.80	113.0
<b>1925</b>					
2- 9	A. E. Johnston	49.0	2.38	2.95	117.3
3- 9	do	46.0	2.45	1.65	112.5
4- 7	do	49.0	2.51	1.85	123.0
5-20	do	13.7	1.49	.70	20.4
6- 2	do	29.6	1.83	1.10	54.3
6-15	do	37.5	2.20	1.15	82.9
6-25	do	12.6	1.24	.40	15.7
7-10	do	27.8	1.92	.95	53.4
7-14	do	25.8	1.70	.80	43.7
7-23	do	.3	.33	1.20	1.1
8- 4	do	2.4	.75	.30	1.8
8-13	do	3.7	1.24	.30	4.7
8-25	do	26.0	1.86	.90	48.4
9- 4	do	11.1	1.30	.50	14.4
9-16	do	33.5	2.14	1.20	72.0
9-25	do	39.8	1.75	1.20	69.5
10-16	do	39.2	2.34	1.60	91.8
11- 3	do	45.6	2.38	1.70	108.4
12- 8	do	48.2	2.21	1.75	106.6
<b>1926</b>					
1-19	A. E. Johnston	45.7	2.45	.....	111.9
2- 9	do	55.0	2.30	1.90	127.0
3-19	do	47.2	2.18	1.80	103.6
4- 9	do	50.6	2.23	1.90	113.0
4-30	do	47.4	2.14	1.75	101.8
5-21	do	25.0	1.99	1.25	49.6
6-15	do	39.4	1.85	1.32	72.8
6-18	do	15.5	1.74	.85	27.3
6-29	do	2.2	.77	.35	1.7
7-24	do	2.2	.95	.20	2.1
7-28	do	1.4	.52	.15	.7
8- 9	do	1.8	.72	.15	1.3
8-19	do	10.1	1.47	.55	14.7
9- 3	do	2.8	1.03	.40	2.9
9-30	do	38.0	2.18	1.10	83.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BLUE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
10-16	A. W. Hall	34.0	1.89	.....	64.4
10-26	A. E. Johnston	43.8	2.40	1.25	105.3
11-13	do	51.6	2.22	1.60	115.1
12-11	A. W. Hall	45.0	2.66	.....	119.8
<b>1927</b>					
1-10	A. W. Hall	57.5	2.16	.....	124.4
2-18	do	63.7	2.29	.....	145.9
3-23	do	51.1	2.45	.....	125.4
4- 5	A. E. Johnston	46.9	2.46	1.90	114.8
4-20	do	65.7	2.50	2.10	164.2
5- 3	do	53.2	2.56	1.90	136.0
5-21	do	39.2	2.00	1.55	78.7
6-16	do	49.0	2.43	1.95	119.3
6-28	do	15.1	1.48	1.15	22.4
7-16	do	18.0	1.55	1.15	27.8
7-27	do	2.2	.82	.75	1.8
8- 5	do	51.4	2.04	2.00	104.8
8-25	do	38.2	2.38	1.90	90.9
9-16	do	36.4	2.04	1.75	74.4
10- 7	do	42.0	2.22	1.95	93.4
10-11	do	40.8	2.12	1.90	86.6
10-29	do	44.2	2.38	2.00	104.3
11-17	do	46.8	2.12	2.10	102.9
11-25	do	54.1	2.30	2.05	123.9
12-23	do	.....	.....	.....	Ice.
<b>1928</b>					
1-11	A. E. Johnston	69.8	2.60	.....	181.0
1-21	do	42.0	2.24	1.90	94.3
2- 3	do	56.8	2.58	2.00	146.8
2-29	do	49.4	2.74	1.95	135.5
3- 6	do	62.4	2.20	1.90	137.6
3-28	do	50.5	2.82	1.85	142.6
4-26	do	13.1	1.30	.70	17.2
6- 1	do	17.5	1.62	.90	28.4
6- 6	do	24.1	1.83	1.05	44.1
6-29	do	50.4	2.17	1.90	109.3
7-19	do	56.0	2.36	2.05	132.1
7-24	do	47.3	2.16	1.80	102.4
8-10	do	41.0	2.03	1.65	83.4
8-20	do	12.8	1.30	.95	16.7
8-27	do	5.3	1.11	.70	5.9
9- 5	do	17.8	1.61	1.15	28.7
9-19	do	12.8	1.37	1.00	17.5
10-19	do	43.4	2.30	1.80	99.8
11- 5	do	54.2	2.58	2.15	139.7
11- 8	do	54.8	2.34	2.15	128.5
11-26	do	52.8	2.31	2.10	122.0
12- 4	do	51.5	2.42	2.25	125.1
12-18	do	65.2	2.14	2.45	139.8



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BLUE RIVER, BIG  
Near Beatrice

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1914</b>					
10-30	D. P. Weeks, Jr.	206.0	1.29	2.35	266.0
12- 5	do	193.0	1.56	2.32	244.0
<b>1915</b>					
3-20	D. P. Weeks, Jr.	259.0	1.90	3.00	491.0
4-24	do	223.0	1.71	2.72	386.0
5-25	do	219.0	1.58	2.68	347.0
6-23	do	365.0	2.62	3.80	955.0
8-13	do	520.0	3.12	4.73	1620.0
9- 9	do	253.0	1.99	2.99	503.0
10-19	do	306.0	2.29	3.40	706.0
<b>1923</b>					
6-26	A. H. Atkins	273.0	2.52	.....	689.0
7- 5	do	228.0	1.87	.....	428.0
7-23	E. F. Ketcham	285.0	1.69	.....	315.0
8- 7	A. H. Atkins	313.0	2.64	.....	823.0
8-20	A. E. Johnston	204.0	1.69	.....	347.0
9- 4	A. H. Atkins	178.0	1.23	.....	220.0
<b>1924</b>					
8-25	C. G. Hrubesky	848.0	0.61	.....	5.3
<b>1925</b>					
10- 8	A. E. Johnston	555.0	0.24	5.70	136.0
<b>1926</b>					
3-11	A. E. Johnston	79.6	0.30	7.50	241.0
4- 1	do	82.8	.43	7.60	356.0
4-21	do	7.7	3.02	7.20	232.0
5-14	do	71.5	.44	6.80	312.0
6- 7	do	95.2	.24	7.80	232.0
7-16	do	73.6	3.62	7.90	267.0
9-22	do	653.0	.92	6.30	604.0
10-18	do	805.0	.47	7.90	379.0
<b>1927</b>					
5-16	A. E. Johnston	75.7	4.16	7.60	317.0
6- 6	do	805.0	.48	8.10	383.0
7- 8	do	49.6	.32	6.80	159.0
8-16	do	1907.0	2.58	10.15	4916.0
10-24	do	653.0	.31	6.80	208.0
12- 5	do	686.0	.37	7.00	252.0
<b>1928</b>					
3-20	A. E. Johnston	162.0	1.99	7.25	323.0
5-15	do	710.0	.36	7.20	252.0
6-20	do	660.0	2.33	6.70	157.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BLUE RIVER, BIG  
Sec. 3, Twp. 7, Rge. 2 E.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1924					
8-25	C. G. Hrubesky	310.0	1.14	.....	352.0

BLUE RIVER, BIG  
Sec. 26, Twp. 6, Rge. 4 E.

1924					
8-23	C. G. Hrubesky	276.0	1.45	.....	380.0

BLUE RIVER, BIG  
Between Secs. 33 and 34, Twp. 8, Rge. 4 E.

1924					
8-23	C. G. Hrubesky	325.0	1.13	.....	370.0

BLUE RIVER, BIG  
Sec. 28, Twp. 13, Rge. 2 E.

1926					
8-27	A. E. Johnston	104.0	1.08	.....	**111.0
9-20	do	32.0	.83	.....	26.0
10-19	do	38.0	.58	.....	22.0
1927					
5-13	A. E. Johnston	36.0	0.71	.....	26.0

BLUE RIVER, BIG  
Sec. 28, Twp. 11, Rge. 3 E.

1924					
8-26	C. G. Hrubesky	96.0	0.91	.....	87.0
1926					
4- 1	A. E. Johnston	79.3	1.03	.....	81.6
4-21	do	60.4	.93	.....	56.0
5-13	do	99.0	1.22	.....	121.0
6- 5	do	80.2	1.08	.....	86.5
7-15	do	63.8	1.10	.....	70.6
9-21	do	80.0	1.11	.....	89.4
10-19	do	86.8	1.21	.....	105.2
1927					
5-13	A. E. Johnston	85.0	1.39	.....	109.0
6- 6	do	155.0	1.38	.....	214.0
7- 8	do	41.0	.67	.....	27.0
8-15	do	706.0	2.32	.....	1639.0
10-22	do	50.0	.83	.....	43.0
12- 3	do	66.0	1.30	.....	87.0
1928					
1- 6	A. E. Johnston	71.0	0.87	.....	61.6
2-23	do	86.0	.85	.....	73.5
4-16	do	32.0	1.48	.....	47.4
10-10	do	53.0	.96	.....	51.4
11-19	do	55.0	1.13	.....	62.4

\*\*Heavy rain.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BLUE RIVER, BIG, SOUTH FORK  
Sec. 28, Twp. 9, Rge. 6 E.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
3-17	A. E. Johnston	4.3	1.76	.....	7.6
6-27	A. H. Atkins	2.8	1.82	.....	5.2
7- 6	do	.6	.65	.....	.4
7-26	E. F. Ketcham	.2	.73	.....	1.7
8- 8	A. H. Atkins	3.9	1.28	.....	5.0
9- 5	do	.6	.53	.....	.3

BLUE RIVER, BIG, WEST FORK  
Sec. 28, Twp. 9, Rge. 6 E.

<b>1923</b>					
7- 6	A. H. Atkins	0.3	0.48	.....	0.1
8- 8	do	.9	.10	.....	.9
9- 5	do	.4	.20	.....	.1

BLUE RIVER, LITTLE  
Near Fairbury, Sec. 9, Twp. 2, Rge. 2 E.

<b>1914</b>					
10-25	D. P. Weeks, Jr.	.....	.....	2.35	142.0
12- 5	do	.....	.....	2.34	162.0
<b>1915</b>					
3-20	D. P. Weeks, Jr.	.....	.....	2.67	232.0
4-24	do	.....	.....	2.55	207.0
5-25	do	.....	.....	2.62	246.0
6-21	do	.....	.....	9.78	3980.0
7-15	do	.....	.....	6.99	2070.0
7-16	do	.....	.....	9.83	4160.0
8-13	do	.....	.....	4.19	5290.0
9- 9	do	.....	.....	3.35	323.0
10-19	do	.....	.....	3.65	406.0
<b>1923</b>					
6-26	A. H. Atkins	230.0	2.38	.....	550.0
7- 6	do	119.0	1.39	.....	166.0
7-24	E. F. Ketcham	146.0	1.50	.....	219.0
8- 7	A. H. Atkins	220.0	2.09	.....	462.0
8-20	A. E. Johnston	124.0	1.70	.....	212.0
9- 4	A. H. Atkins	36.0	1.29	.....	46.0
<b>1924</b>					
8-25	C. G. Hrubesky	80.0	1.99	.....	160.0
<b>1926</b>					
3-11	A. E. Johnston	310.0	0.43	.....	134.0
4- 2	do	121.0	1.72	.....	210.0
4-22	do	90.0	1.52	.....	137.0
5-14	do	124.0	1.84	.....	228.0
6- 7	do	93.0	1.62	.....	151.0
7-17	do	86.0	1.42	.....	122.0
9-22	do	315.0	1.75	.....	553.0
10-18	do	103.0	1.35	.....	140.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BLUE RIVER, LITTLE  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
5-16	A. E. Johnston	149.0	1.72	.....	237.0
6- 7	do	208.0	1.91	.....	398.0
7- 9	do	97.0	1.51	.....	147.0
8-17	do	555.0	2.50	.....	1387.0
10-24	do	99.0	1.62	.....	161.0
12- 5	do	146.0	1.46	.....	213.0

## 1928

3-20	A. E. Johnston	124.0	1.94	.....	241.0
5-16	do	363.0	3.07	.....	1114.0
6-21	do	153.0	1.79	.....	274.0

BLUE RIVER, LITTLE  
Sec. 6, Twp. 2, Rge. 2 W.

## 1928

3-21	A. E. Johnston	85.1	1.99	.....	169.0
5-16	do	109.0	1.74	.....	190.0
6-21	do	112.0	1.86	.....	209.0

BLUE RIVER, LITTLE  
Sec. 13, Twp. 4, Rge. 7 W.

## 1923

1- 8	A. E. Johnston	12.0	1.13	.....	13.0
7- 6	A. H. Atkins	33.0	2.09	.....	69.0

BOONE CREEK  
Sec. 25, Twp. 30, Rge. 22 W.

## 1926

10-29	A. E. Johnston	6.0	1.80	.....	10.8
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BORDEAUX CREEK, BIG  
Sec. 14, Twp. 33, Rge. 48 W.

## 1921

9- 9	Palmer and Heywood	1.6	1.43	.....	2.4
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## 1922

3-28	T. C. Palmer	2.9	2.80	.....	8.1
8- 3	A. H. Atkins	4.2	1.19	.....	5.0

## 1923

7-20	A. H. Atkins	2.2	1.69	.....	3.7
9- 7	A. E. Johnston	11.2	.64	.....	7.2
10- 6	do	3.1	1.05	.....	3.3
11-10	do	2.7	1.45	.....	3.9

## 1924

5-14	A. E. Johnston	2.3	1.37	.....	3.2
8- 8	J. D. Heywood	13.4	1.41	.....	18.9
8-27	Heywood and Hood	3.9	.66	.....	2.6

## 1925

5-28	A. E. Johnston	3.0	1.03	.....	3.1
8-13	J. D. Heywood	.....	.....	.....	3.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

BORDEAUX CREEK, BIG  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
3- 3	A. E. Johnston	4.8	1.29	.....	6.2
3-24	do	3.8	1.05	.....	4.0
4-14	do	3.4	1.53	.....	5.2
5- 6	do	6.0	.87	.....	5.2
5-27	do	3.7	1.78	.....	6.6
7- 8	do	3.3	1.45	.....	4.8
9-14	do	2.3	1.70	.....	3.9
<b>1927</b>					
5-26	A. E. Johnston	5.1	1.62	.....	8.3
9- 1	do	2.9	1.76	.....	5.1
9-21	do	4.6	.78	.....	3.6
11- 4	do	3.6	1.70	.....	6.1
12-20	do	4.1	1.55	.....	6.4
<b>1928</b>					
1-17	A. E. Johnston	4.3	1.95	.....	8.4
2- 8	do	4.4	1.66	.....	7.2
4- 3	do	7.4	.86	.....	6.4
5- 4	do	3.9	1.44	.....	5.6
7- 5	do	3.8	1.00	.....	3.8
8-17	do	4.0	.70	.....	2.8
9-29	do	3.2	1.00	.....	3.2
10-25	do	4.8	.92	.....	4.4
12-21	do	3.9	1.38	.....	5.4

BORDEAUX CREEK, LITTLE  
Sec. 13, Twp. 33, Rge. 48 W.

<b>1923</b>					
8-18	A. H. Atkins	1.9	0.88	.....	1.7
9-14	do	2.6	.76	.....	2.0
10-26	do	8.2	.62	.....	5.1
11-26	Atkins and Heywood	6.8	.66	.....	4.5
<b>1925</b>					
5-28	A. E. Johnston	3.0	0.97	.....	2.9
9- 9	do	.4	1.95	.....	1.7
<b>1926</b>					
3- 3	A. E. Johnston	1.8	2.44	.....	4.4
3-24	do	1.6	2.56	.....	4.1
4-14	do	2.2	2.28	.....	4.9
5- 6	do	.7	1.04	.....	.7
5-27	do	1.3	2.54	.....	3.3
7- 8	do	1.3	2.15	.....	2.8
9-14	do	1.5	1.03	.....	1.5
<b>1927</b>					
5-26	A. E. Johnston	1.9	2.23	.....	4.3
9- 1	do	3.1	1.25	.....	3.9
9-21	do	3.5	.97	.....	3.4
11- 4	do	4.5	1.09	.....	4.9
12-20	do	2.1	1.76	.....	3.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## BORDEAUX CREEK, LITTLE

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-17	A. E. Johnston	6.9	0.84	.....	5.8
2- 8	do	5.3	1.19	.....	6.3
4- 3	do	5.8	.76	.....	4.4
5- 4	do	5.8	1.12	.....	6.5
7- 5	do	4.7	.79	.....	3.7
8-17	do	.7	.85	.....	.6
9-29	do	5.0	.34	.....	1.7
10-25	do	6.7	.48	.....	3.2
12-21	do	8.9	.48	.....	4.3

## BUFFALO CREEK

Sec. 18, Twp. 1, Rge. 40 W.

<b>1919</b>					
7-15	Palmer and Bailey	3.1	1.85	.....	5.8
<b>1921</b>					
5-18	Palmer and Bailey	9.1	1.75	.....	16.0
<b>1922</b>					
2-23	T. C. Palmer	5.7	1.83	.....	10.4
6- 6	A. E. Johnston	25.7	.69	.....	17.8
8-24	do	6.0	1.20	.....	7.2
8-28	do	6.4	.90	.....	5.8
11-24	do	.9	.19	.....	1.8
<b>1923</b>					
4-17	Johnston and Strong	9.3	1.23	.....	11.5
6- 1	E. F. Ketcham	22.8	.43	.....	10.0
8-28	do	6.4	1.42	.....	9.1
9-19	A. E. Johnston	7.1	1.28	.....	9.0
10-12	do	10.2	1.27	.....	13.0
12- 4	do	7.9	1.64	.....	13.0
<b>1924</b>					
2-27	A. E. Johnston	8.1	1.71	.....	13.9
3-12	do	17.9	.86	.....	15.5
4-29	do	6.8	1.87	.....	12.7
5-31	do	8.6	1.55	.....	13.4
6-26	do	6.1	1.45	.....	8.9
8- 7	do	7.9	1.68	.....	13.3
9- 6	do	4.1	1.43	.....	5.9
<b>1925</b>					
1-14	A. E. Johnston	10.4	2.06	.....	21.5
2-18	do	9.0	2.10	.....	19.0
3-20	do	11.3	1.76	.....	19.9
4-15	do	7.9	1.76	.....	13.9
5-27	C. E. Franklin	3.8	1.74	.....	6.6
7-20	do	3.0	1.46	.....	4.4
8-24	do	4.5	1.60	.....	7.2
9- 7	do	5.4	1.55	.....	8.4
9-25	do	6.1	1.69	.....	10.3
10-13	A. E. Johnston	7.0	1.53	.....	10.7
11-19	do	8.8	1.58	.....	13.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## BUFFALO CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
3- 6	C. E. Franklin	7.4	1.81	.....	13.4
3-22	do	6.7	1.30	.....	8.7
4- 5	do	9.8	1.78	.....	17.4
4-19	do	7.0	1.63	.....	11.4
5- 5	do	1.2	.83	.....	1.0
5-18	do	7.0	1.40	.....	9.8
5-27	do	6.0	1.36	.....	8.2
6-16	do	3.6	1.38	.....	5.0
6-28	do	4.4	1.35	.....	6.0
7-15	do	8.6	2.10	.....	18.0
8- 9	do	1.2	.86	.....	1.0
8-20	do	6.2	1.58	.....	9.7
10-14	A. E. Johnston	7.1	1.62	.....	11.5
11- 5	do	7.5	1.57	.....	11.8

## BUFFALO CREEK

Sec. 20, Twp. 1, Rge. 40 W.

<b>1925</b>					
5-27	C. E. Franklin	4.6	1.63	.....	7.5
6-10	Franklin and Whitehead	5.6	1.80	.....	10.1
8-10	C. E. Franklin	4.4	1.38	.....	6.1
<b>1927</b>					
4- 1	C. E. Franklin	9.8	1.61	.....	15.8
4-21	Franklin and Whitehead	10.1	1.61	.....	16.3
5- 4	C. E. Franklin	8.3	1.37	.....	11.4
5-18	do	4.8	.90	.....	4.3
5-30	do	3.0	.95	.....	2.8
6-29	do	6.0	.95	.....	5.8
7-11	Franklin and Whitehead	3.8	.58	.....	2.2
7-27	C. E. Franklin	6.8	1.01	.....	6.9
8-26	do	5.8	1.64	.....	9.5
9- 8	do	5.1	1.21	.....	6.2
10- 6	do	5.0	1.30	.....	6.5
11-10	do	5.2	1.46	.....	7.6
12- 6	do	6.9	1.60	.....	11.1
12-23	do	10.6	1.44	.....	15.4
<b>1928</b>					
1-25	Franklin and Whitehead	8.0	1.95	.....	15.6
2-15	C. E. Franklin	7.4	1.92	.....	14.2
3- 9	do	8.0	1.65	.....	13.2
3-24	do	6.8	2.34	.....	15.9
4-13	do	6.0	1.61	.....	9.7
5-24	do	6.9	1.72	.....	11.3
6-19	do	7.8	1.75	.....	13.8
7-10	do	6.1	1.41	.....	8.6
7-31	do	7.4	1.85	.....	13.7
8-18	do	6.4	1.73	.....	11.1
9-11	do	7.6	1.65	.....	12.5
9-21	do	6.5	1.49	.....	9.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## BUFFALO CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
10-4	C. E. Franklin	5.9	1.90	.....	11.2
10-23	do	7.1	1.41	.....	19.0
11-3	do	9.0	1.48	.....	13.3
11-23	do	7.5	1.83	.....	13.7
12-22	do	11.0	1.87	.....	20.6
<b>BUFFALO CREEK</b>					
Sec. 33, Twp. 9, Rge. 18 W.					
<b>1923</b>					
8-7	A. E. Johnston	35.0	1.45	.....	51.0
9-15	do	31.0	1.13	.....	35.0
11-28	do	9.0	.38	.....	4.0
<b>1925</b>					
2-13	A. E. Johnston	2.2	0.92	.....	2.1
3-16	do	2.4	1.20	.....	2.9
4-10	do	6.4	.67	.....	4.3
5-9	do	7.3	.62	.....	4.5
6-9	do	11.3	.85	.....	9.7
7-1	do	28.6	1.51	.....	43.2
7-3	do	23.2	1.04	.....	24.0
7-6	do	14.2	.69	.....	9.9
7-27	R. F. Nosky	30.6	1.16	.....	35.5
8-10	A. E. Johnston	35.9	1.14	.....	41.1
<b>1926</b>					
2-12	A. E. Johnston	4.4	0.84	.....	3.7
3-15	do	3.4	.53	.....	1.8
4-5	do	2.5	.80	.....	2.0
4-26	do	3.0	.33	.....	1.0
5-17	do	43.7	1.55	.....	67.6
6-9	do	25.3	1.53	.....	38.9
6-23	do	58.3	1.52	.....	88.5
7-19	do	64.8	1.46	.....	94.8
8-4	do	15.8	1.68	.....	26.6
8-28	do	66.4	1.51	.....	100.1
10-21	do	10.7	.73	.....	7.8
<b>1927</b>					
3-22	A. W. Hall	5.6	1.43	.....	8.0
4-15	A. E. Johnston	40.0	1.38	.....	55.5
5-18	do	16.0	1.43	.....	23.3
6-10	do	24.2	1.47	.....	35.7
7-13	do	47.9	1.68	.....	80.7
7-21	do	29.3	1.53	.....	44.9
7-22	do	26.1	1.63	.....	42.6
8-10	do	62.2	1.58	.....	98.2
8-19	do	59.0	1.54	.....	91.1
9-12	do	57.9	1.62	.....	93.9
10-19	do	4.3	.23	.....	1.0
10-26	do	4.5	.20	.....	.9
11-14	do	7.4	.34	.....	2.5
11-29	do	.9	1.33	.....	1.3



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## BUFFALO CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
3-23	A. E. Johnston	5.0	0.36	.....	1.8
5-23	do	46.6	1.35	.....	62.9
6-12	do	58.5	1.96	.....	114.9
6-23	do	38.3	1.63	.....	62.4
7-16	do	44.9	1.71	.....	76.8
7-30	do	26.8	1.53	.....	41.1
8- 6	do	31.8	1.46	.....	46.6
8-22	R. F. Nosky	25.2	1.88	.....	47.5
8-23	A. E. Johnston	11.5	.85	.....	9.8
8-24	do	24.9	1.45	.....	36.1
8-30	do	32.5	1.58	.....	51.2
8-31	do	45.3	1.50	.....	68.0
9-13	do	67.4	1.49	.....	100.0
10-15	do	61.8	1.30	.....	80.3
11- 1	do	15.0	1.12	.....	16.8
11-22	do	7.7	.34	.....	2.6

## BUFFALO CREEK

Sec. 23 and 24, Twp. 24, Rge. 4 W.

<b>1923</b>					
6-30	A. H. Atkins	2.4	1.07	.....	2.5
7-17	E. F. Ketcham	4.9	.93	.....	4.5
8- 3	A. H. Atkins	2.7	1.00	.....	2.7
8-18	A. E. Johnston	4.1	1.06	.....	4.3

## BULL CREEK

Sec. 7, Twp. 30, Rge. 53 W.

2-13	Heywood and Palmer	0.7	0.98	.....	0.7
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## BURTON CREEK

Sec. 19, Twp. 34, Rge. 19 W.

<b>1926</b>					
3-28	A. E. Johnston	2.9	1.37	.....	4.0
4-16	do	3.6	.89	.....	3.2
5- 8	do	3.2	.84	.....	2.7
6- 1	do	1.4	.58	.....	.8
7-10	do	2.1	.57	.....	1.2
9-16	do	1.4	.68	.....	.9
<b>1927</b>					
5-31	A. E. Johnston	7.0	1.00	.....	7.1
9- 5	do	1.1	1.45	.....	1.6
9-23	do	1.1	1.00	.....	1.1
<b>1928</b>					
2-11	A. E. Johnston	14.1	0.61	.....	8.6
4- 6	do	4.7	.91	.....	4.3
5- 8	do	3.3	.61	.....	2.0
7- 9	do	2.6	.96	.....	2.5
10- 3	do	1.2	1.33	.....	1.6
12-24	do	.....	.....	.....	35.0

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>CACHE CREEK</b>					
Sec. 22, Twp. 26, Rge. 9 W.					
1928					
4-7	A. E. Johnston	11.1	0.84	.....	9.0
5-9	do	1.0	1.20	.....	12.1
7-10	do	4.4	1.05	.....	5.0
10-4	do	2.3	.74	.....	2.0
<b>CALAMUS RIVER</b>					
Sec. 21, Twp. 27, Rge. 23 W.					
1923					
11-8	A. E. Johnston	10.0	1.10	.....	11.0
<b>CALAMUS RIVER</b>					
Sec. 8, Twp. 21, Rge. 16 W.					
1925					
5-12	A. E. Johnston	147.0	2.30	.....	338.0
<b>CALAMUS RIVER</b>					
Sec. 4, Twp. 24, Rge. 20 W.					
1927					
5-10	A. E. Johnston	74.0	2.24	.....	166.0
10-1	do	56.0	2.10	.....	117.0
<b>CALAMUS RIVER</b>					
Sec. 16, Twp. 24, Rge. 19 W.					
1925					
5-12	A. E. Johnston	73.0	2.70	.....	197.0
<b>CALAMUS RIVER</b>					
Sec. 7, Twp. 24, Rge. 19 W.					
1927					
5-10	A. E. Johnston	116.0	2.43	.....	282.0
<b>CALAMUS RIVER</b>					
Sec. 22, Twp. 23, Rge. 18 W.					
1923					
11-8	A. E. Johnston	102.0	2.68	.....	273.0
1925					
5-12	A. E. Johnston	103.0	2.66	.....	275.0
1927					
5-10	A. E. Johnston	99.0	2.86	.....	284.0
1928					
1-27	A. E. Johnston	98.0	2.94	.....	279.0
2-17	do	80.0	3.39	.....	271.0
3-13	do	110.0	2.92	.....	321.0
4-18	do	94.0	2.94	.....	277.0
5-22	do	104.0	2.64	.....	274.0
8-4	do	93.0	2.62	.....	242.0
10-12	do	95.0	2.75	.....	260.0
10-20	do	88.0	2.71	.....	240.0
12-10	do	111.0	2.56	.....	283.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## CAMP CREEK

Sec. 13, Twp. 18, Rge. 49 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
7-12	A. H. Atkins	0.6	0.54	.....	1.1
<b>1923</b>					
8-27	E. F. Ketcham	32.4	0.37	.....	12.0

## CAMP CLARK SEEP

Sec. 9, Twp. 20, Rge. 51 W.

<b>1919</b>					
4- 3	T. C. Palmer	1.5	1.01	.....	1.5
4-22	do	1.7	1.48	.....	2.6
4-28	do	1.3	.94	.....	1.2
5-12	do	1.4	1.13	.....	1.6
5-20	do	1.1	1.32	.....	1.4
7-10	do	3.7	1.94	.....	7.2
7-19	do	4.2	2.14	.....	8.9
7-28	do	5.4	1.96	.....	10.5
9- 8	do	6.1	3.57	.....	21.6
9-20	do	3.5	2.40	.....	8.4
10- 7	do	8.7	2.02	.....	7.4
10-17	do	3.0	1.68	.....	5.0
10-29	do	3.8	1.58	.....	6.0
11- 5	do	5.2	1.29	.....	6.7
<b>1921</b>					
1-11	T. C. Palmer	3.4	0.72	.....	2.5
2- 1	do	3.8	1.22	.....	4.6
2-11	do	3.5	1.17	.....	4.1
2-24	do	2.7	.90	.....	2.7
3- 7	do	2.8	1.12	.....	3.2
4-11	do	2.4	1.03	.....	2.4
4-28	do	1.6	.71	.....	1.1
5-10	do	3.1	.95	.....	2.9
6- 6	Palmer and Atkins	1.6	.87	.....	1.4
6-20	T. C. Palmer	1.9	1.13	.....	2.1
7- 5	do	1.8	1.86	.....	3.4
8- 8	do	7.1	2.57	.....	18.2
8-29	do	6.0	2.60	.....	15.5
9-19	do	4.8	3.12	.....	14.9
9-26	do	5.9	2.64	.....	15.4
10- 8	do	5.8	2.21	.....	12.8
10-26	do	5.6	1.71	.....	9.6
11- 7	do	5.0	1.52	.....	7.6
11-29	do	3.7	2.32	.....	8.7
12-17	do	3.0	2.00	.....	6.1
12-27	do	3.8	1.53	.....	5.8
<b>1922</b>					
1- 9	T. C. Palmer	2.9	1.30	.....	3.7
2- 6	do	2.7	1.23	.....	3.3
3- 8	do	2.8	1.08	.....	3.0
3-23	do	3.0	.87	.....	2.6
4- 7	do	2.4	.97	.....	2.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CAMP CLARK SEEP  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
5- 6	T. C. Palmer	2.7	1.03	.....	2.8
6-12	do	3.8	1.71	.....	6.5
9- 1	do	6.9	2.01	.....	13.9
9-14	Palmer and Easterday	6.2	1.24	.....	13.9
10- 3	A. E. Johnston	8.1	1.88	.....	9.4
11- 2	do	5.1	1.90	.....	9.7
11-10	do	1.3	1.20	.....	1.7
11-15	do	1.5	1.12	.....	1.7
12- 9	do	2.0	1.54	.....	3.1
12-14	do	3.9	.90	.....	3.5
12-26	do	1.8	1.99	.....	3.5
<b>1923</b>					
1-22	A. E. Johnston	2.5	1.59	.....	4.0
2- 2	do	2.6	1.40	.....	3.7
2-14	do	2.5	1.00	.....	2.5
3- 6	do	2.2	.70	.....	1.6
3-19	do	2.6	.93	.....	2.4
4- 2	do	1.9	1.01	.....	1.9
4-24	do	1.4	1.00	.....	1.4
5-12	Ketcham and Johnston	1.8	.81	.....	1.4
6-20	E. F. Ketcham	1.6	.98	.....	1.6
7-12	A. E. Johnston	2.3	1.17	.....	2.7
7-25	do	1.7	1.76	.....	3.0
8-17	E. F. Ketcham	4.8	2.25	.....	10.8
8-29	A. E. Johnston	2.3	1.56	.....	3.6
10-23	do	2.3	1.65	.....	3.8
11- 7	A. H. Atkins	3.4	1.15	.....	3.9
11-14	A. E. Johnston	1.9	1.45	.....	2.8
11-30	A. H. Atkins	3.2	1.72	.....	5.5
12- 5	do	4.1	1.25	.....	5.1
<b>1924</b>					
1-14	A. E. Johnston	1.3	1.44	.....	1.9
1-28	do	2.4	.97	.....	2.3
1-31	do	2.1	1.09	.....	2.3
2-13	do	1.4	1.18	.....	1.6
3-18	do	2.7	.95	.....	2.5
4- 9	do	1.2	1.33	.....	1.5
5- 6	do	1.1	1.07	.....	1.1
6- 6	do	.8	1.25	.....	.9
7- 1	do	1.6	1.27	.....	2.0
7-10	do	1.1	1.20	.....	1.4
7-24	C. G. Hrubesky	2.0	1.55	.....	3.0
8- 8	do	7.8	1.59	.....	12.4
8-28	A. E. Johnston	5.2	2.75	.....	14.3
9- 3	C. G. Hrubesky	6.0	2.00	.....	12.2
9-20	A. E. Johnston	6.4	1.86	.....	11.9
10-16	do	4.4	1.18	.....	5.2
11-18	do	3.8	1.34	.....	5.1
12-13	do	2.6	1.27	.....	3.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CAMP CLARK SEEP  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
1- 6	A. E. Johnston	2.8	1.67	.....	4.7
2- 2	do	2.8	1.57	.....	4.3
3- 2	do	2.2	1.32	.....	2.0
3-31	do	3.6	.55	.....	2.0
4-24	Johnston and Franklin	3.7	.49	.....	1.7
5-18	A. W. Hall	.....	.....	.....	†.5
6- 3	do	13.8	1.73	.....	23.9
6-17	do	3.4	1.50	.....	5.1
6-29	do	2.4	1.71	.....	4.1
7-29	do	5.7	2.10	.....	12.0
8-31	do	6.3	1.85	.....	11.7
9-28	A. E. Johnston	7.2	2.50	.....	18.0
10-19	do	5.0	1.97	.....	9.8
12- 1	do	5.6	1.26	.....	7.1
<b>1926</b>					
1-25	A. E. Johnston	3.1	1.93	.....	6.0
2-23	do	2.5	1.08	.....	2.7
3-16	A. W. Hall	2.4	.79	0.54	1.9
4-10	do	2.4	1.06	.69	2.5
5- 3	do	2.5	.72	.61	1.8
5-17	do	2.4	.83	.60	2.0
6- 6	do	2.1	.85	.60	1.8
6-19	do	2.5	.87	.64	2.2
7- 5	do	2.6	.73	.70	1.8
7-19	do	4.7	1.93	.80	9.1
8-14	do	5.9	2.53	1.10	15.0
8-23	do	4.7	2.64	.67	12.4
10- 4	A. E. Johnston	4.9	2.66	.30	13.1
10-15	A. W. Hall	5.5	1.91	1.20	10.5
11- 4	do	4.3	1.46	.10	6.3
11-15	do	5.3	1.30	.10	6.9
<b>1927</b>					
1- 4	A. W. Hall	5.0	1.00	0.30	5.0
1-25	do	3.4	1.15	.35	3.9
2-11	do	3.2	1.22	.30	3.9
3- 9	do	2.7	.85	.50	2.3
3-28	A. E. Johnston	3.0	.63	.60	1.9
4-27	do	1.9	1.42	.60	2.7
5-11	A. W. Hall	2.0	1.25	.45	2.5
5-23	do	2.9	1.06	.30	3.1
6- 8	do	2.2	1.36	.05	3.0
7-26	do	3.5	1.46	.70	5.1
8-10	do	4.2	2.98	.15	12.5
9- 1	do	7.4	3.41	.35	25.3
10-21	C. E. Franklin	4.3	2.10	.....	9.1
11- 5	A. W. Hall	4.6	2.50	.65	11.5
11-21	do	3.8	1.34	.40	5.1
12- 5	do	4.5	1.42	.45	6.4

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CAMP CLARK SEEP  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-13	C. E. Franklin	3.6	1.16	.....	4.2
2- 9	A. W. Hall	3.0	.93	0.60	2.8
3-16	do	2.2	1.14	.50	2.5
4- 4	do	2.6	.88	.55	2.3
4-17	do	2.4	1.12	.....	2.7
5- 1	do	1.9	.58	.50	1.1
5-19	do	1.3	1.54	.65	2.0
6- 5	do	3.9	1.28	.70	5.0
6-29	do	2.8	.79	.65	2.2
7-18	do	2.0	1.90	.70	3.8
8-24	do	5.1	2.20	.70	11.2
9-11	do	4.9	2.94	.85	14.4
10-17	do	5.0	1.68	.....	8.4
11-13	C. E. Franklin	4.4	1.34	.....	5.9
11-24	do	2.7	1.48	.....	4.0
12- 8	do	6.0	1.16	.....	7.0
12-26	do	2.7	1.22	.....	3.3

CEDAR BRANCH CREEK  
Sec. 17, Twp. 14, Rge. 35 W.

<b>1926</b>					
4-28	A. E. Johnston	1.4	1.03	.....	1.4
5-19	do	1.4	1.27	.....	1.8
6-12	do	1.9	1.02	.....	1.9
6-26	do	1.5	1.15	.....	1.7
7-22	do	1.7	1.54	.....	1.5
7-31	do	1.7	.93	.....	2.8
8-21	do	1.3	1.53	.....	2.0
9- 1	do	1.4	1.78	.....	2.5
9-28	do	1.4	1.42	.....	2.0
10-25	do	1.2	1.33	.....	1.6
<b>1927</b>					
4- 7	A. E. Johnston	2.0	1.25	.....	2.5
4-18	do	1.9	1.31	.....	2.5
5- 5	do	1.7	1.10	.....	1.9
5-20	do	1.4	1.00	.....	1.4
6-14	do	2.4	.87	.....	2.1
6-30	do	1.7	1.00	.....	1.7
7-15	do	1.8	1.16	.....	2.1
8- 6	do	1.3	1.54	.....	2.0
8-23	do	1.4	1.78	.....	2.5
9-14	do	1.2	1.33	.....	1.6
10- 6	do	1.0	1.80	.....	1.8
10-12	do	1.4	1.35	.....	2.0
10-28	do	1.1	1.45	.....	1.6
11-16	do	1.6	1.37	.....	2.2
11-28	do	2.2	1.14	.....	2.5
12-23	do	1.7	1.35	.....	2.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CEDAR BRANCH CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-10	A. E. Johnston	2.0	1.20	.....	2.4
1-23	do	1.7	1.59	.....	2.7
2-28	do	1.9	1.40	.....	2.7
3- 7	do	1.6	1.31	.....	2.1
3-27	do	2.2	1.13	.....	2.5
4-24	do	1.7	1.23	.....	2.1
5-29	do	2.1	1.05	.....	2.2
6- 8	do	2.7	.59	.....	1.6
6-27	do	1.6	.80	.....	2.0
7-18	do	1.6	2.31	.....	3.7
7-26	do	1.2	1.50	.....	1.8
8- 9	do	1.6	1.18	.....	1.9
8-28	do	1.0	1.60	.....	1.6
9- 3	do	1.1	1.36	.....	1.5
9-17	do	1.5	1.20	.....	1.8
10-17	do	1.3	1.31	.....	1.7
11-24	do	2.4	1.09	.....	2.3
12-18	do	2.2	1.77	.....	3.9

## CEDAR CREEK

Sec. 12, Twp. 24, Rge. 6 W.

<b>1923</b>					
8-18	A. E. Johnston	28.0	1.76	.....	51.0

## CEDAR CREEK

Sec. 22, Twp. 20, Rge. 6 W.

<b>1923</b>					
6-29	A. H. Atkins	33.0	1.68	.....	55.0

## CEDAR CREEK

Sec. 11, Twp. 18, Rge. 48 W.

<b>1919</b>					
4- 3	Wade Flynn	6.9	1.56	.....	10.8
4-23	Earl North	12.0	1.25	.....	15.0
5- 3	T. C. Palmer	8.0	1.19	.....	9.5
5-10	Palmer and North	7.6	1.01	.....	7.7
6-14	do	11.4	.83	.....	9.4
8-11	T. C. Palmer	12.3	1.57	.....	19.3
9-15	do	6.5	1.06	.....	6.9
9-29	do	7.1	1.57	.....	11.0
10-16	do	5.4	1.14	.....	6.1
10-21	Earl North	4.7	1.75	.....	8.2
<b>1921</b>					
1- 5	T. C. Palmer	9.1	1.76	.....	16.0
2-14	do	12.7	1.50	.....	19.0
2-28	do	15.4	1.12	.....	17.2
3-30	do	12.1	.65	.....	7.9
5-23	do	6.0	.64	.....	3.8
8-19	W. F. Chaloupka	10.8	.85	.....	9.2
8-27	do	13.1	.71	.....	9.3
9- 3	do	12.9	.76	.....	9.8
10-13	T. C. Palmer	5.3	1.10	.....	5.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CEDAR CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1-12	T. C. Palmer	12.2	1.49	.....	18.1
3- 4	do	10.3	1.52	.....	15.6
3-24	do	11.4	1.00	.....	11.6
4- 5	A. E. Johnston	25.7	.63	.....	16.2
4-18	do	34.9	.56	.....	19.4
4-28	do	35.4	.44	.....	15.7
5-10	do	43.0	.28	.....	12.0
5-29	do	26.4	.22	.....	5.9
6-13	do	23.5	.32	.....	7.7
6-29	do	14.9	.23	.....	3.5
7-17	do	8.4	1.63	.....	13.7
8- 1	do	12.6	1.97	.....	23.8
8-16	do	10.8	1.76	.....	19.1
9-15	Johnston and Easterday	8.8	1.47	.....	13.0
9-23	do	5.2	1.48	.....	7.7
10-16	A. E. Johnston	13.6	1.70	.....	23.1
11-28	do	6.1	1.33	.....	8.1
12-21	do	6.0	1.39	.....	8.4
12-29	do	6.1	1.34	.....	8.0
<b>1923</b>					
1-20	A. E. Johnston	4.8	1.33	.....	6.3
1-27	do	6.7	1.35	.....	9.1
2- 2	do	5.3	1.21	.....	6.4
2-17	do	9.6	1.29	.....	12.5
3-16	do	6.9	1.69	.....	11.7
3-30	do	8.5	1.71	.....	14.5
4- 7	do	7.0	1.65	.....	11.5
5- 1	do	3.2	1.07	.....	3.4
5-15	do	3.2	1.06	.....	3.4
5-28	do	9.3	1.36	.....	12.7
5-29	do	4.7	2.50	.....	11.7
6-12	do	13.9	1.79	.....	25.0
6-27	do	5.1	1.14	.....	5.9
9- 1	do	9.9	1.96	.....	19.5
9-10	do	14.9	2.29	.....	34.1
11-21	do	6.9	1.42	.....	9.8
<b>1924</b>					
1-18	A. E. Johnston	10.3	1.24	.....	12.8
2- 1	do	4.1	3.08	.....	12.8
3- 6	do	9.1	1.70	.....	15.5
3-24	do	9.8	1.66	.....	16.3
4- 7	do	9.8	1.58	.....	15.6
4-18	do	12.2	.83	.....	10.2
5- 5	do	8.6	1.19	.....	10.2
7-14	do	5.7	1.13	.....	6.5
7-25	do	4.1	1.21	.....	5.0
10- 6	do	7.3	1.67	.....	12.2
12- 1	do	5.8	1.51	.....	8.8



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CEDAR CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
1-16	A. E. Johnston	12.1	1.68	.....	20.3
2- 9	do	9.2	1.50	.....	13.8
3- 9	do	6.7	1.36	.....	9.1
4- 6	do	8.1	1.55	.....	12.6
5-21	do	6.0	1.23	.....	7.4
6-23	do	17.8	1.77	.....	31.5
7-11	do	7.4	1.60	.....	11.8
7-14	A. W. Hall	6.6	1.81	.....	12.0
7-25	A. E. Johnston	7.4	.86	.....	6.4
8-24	do	19.3	2.05	.....	39.6
11- 3	do	10.5	1.71	.....	18.0
12- 8	do	10.3	1.56	.....	16.1
<b>1926</b>					
1-19	A. E. Johnston	12.7	1.58	.....	20.1
2- 8	do	13.2	1.63	.....	21.5
3-19	do	11.7	1.51	.....	17.7
4-10	do	12.0	1.41	.....	17.0
5-22	do	10.2	1.55	.....	15.8
6-16	do	11.2	1.52	.....	17.1
6-30	do	6.0	.93	.....	5.6
7-27	do	12.3	1.70	.....	21.0
8-18	do	11.3	1.68	.....	18.9
9- 7	do	6.3	1.36	.....	8.6
10- 1	do	7.8	1.43	.....	11.1
10-27	do	4.2	1.33	.....	5.6
11-13	do	5.6	1.23	.....	6.9
<b>1927</b>					
4- 4	A. E. Johnston	10.3	1.64	.....	16.9
4-21	do	10.8	1.67	.....	18.1
5- 2	do	11.1	1.64	.....	18.2
6-17	do	14.1	1.58	.....	22.3
6-25	do	6.7	1.15	.....	7.8
7-28	do	14.0	1.81	.....	25.5
8- 4	do	14.8	1.70	.....	25.6
8-26	do	15.1	1.52	.....	23.0
9-17	do	13.0	1.60	.....	20.8
10- 8	do	8.3	1.62	.....	13.6
10-11	do	9.0	1.65	.....	14.8
10-29	do	8.6	1.47	.....	12.6
11-18	do	9.0	1.40	.....	12.7
11-25	do	5.7	1.51	.....	8.6
<b>1928</b>					
1-11	A. E. Johnston	12.4	1.40	.....	17.4
1-19	do	12.4	1.70	.....	21.1
2- 4	do	13.1	1.60	.....	21.0
3- 1	do	12.4	1.67	.....	20.8
3- 5	do	11.8	1.42	.....	16.8
3-31	do	9.9	1.56	.....	15.5
4-27	do	4.6	1.31	.....	6.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CEDAR CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
6- 5	A. E. Johnston	18.5	1.72	.....	31.9
7-23	do	14.3	1.86	.....	26.7
8-13	do	6.2	1.60	.....	9.9
9- 7	do	5.5	1.49	.....	8.2
9-20	do	17.6	1.36	.....	23.9
11- 6	do	14.1	1.05	.....	14.8
11-27	do	9.2	1.50	.....	13.8
12-19	do	12.6	1.90	.....	23.9

CEDAR RIVER  
Sec. 5, Twp. 18, Rge. 7 W.

<b>1928</b>					
5-10	A. E. Johnston	140.0	1.73	.....	243.0
7-11	do	170.0	1.51	.....	257.0
10- 5	do	132.0	1.22	.....	161.0

CEDAR RIVER  
Sec. 11, Twp. 16, Rge. 6 W.

<b>1923</b>					
8-17	A. E. Johnston	178.0	3.19	.....	504.0
<b>1926</b>					
3- 8	A. E. Johnston	192.0	1.94	.....	178.0
3-29	do	102.0	2.39	.....	295.0
4-19	do	91.0	3.16	.....	287.0
5-11	do	108.0	3.03	.....	327.0
6- 3	do	87.0	2.87	.....	251.0
7-13	do	81.0	2.86	.....	232.0
9-18	do	126.0	2.48	.....	311.0
<b>1927</b>					
6- 2	A. E. Johnston	152.0	2.44	.....	370.0
9- 7	do	193.0	3.18	.....	616.0
9-26	do	136.0	2.02	.....	275.0
11-10	do	216.0	2.29	.....	289.0
<b>1928</b>					
2-14	A. E. Johnston	184.0	2.20	.....	407.0
4- 9	do	113.0	2.11	.....	239.0
5-10	do	111.0	2.03	.....	226.0
6-15	do	156.0	2.31	.....	361.0
7-11	do	97.0	2.51	.....	243.0
8- 3	do	101.0	2.12	.....	219.0
11-20	do	112.0	2.40	.....	266.0
12-12	do	121.0	2.37	.....	287.0

CENTER CREEK  
Sec. 1, Twp. 1, Rge. 15 W.

<b>1923</b>					
8-21	A. E. Johnston	4.2	0.66	.....	2.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CENTER CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
3-18	A. E. Johnston	5.4	1.37	.....	7.4
10- 9	do	4.7	.96	.....	4.5
<b>1926</b>					
10-16	A. E. Johnston	3.7	1.16	.....	4.3
<b>1927</b>					
5-17	A. E. Johnston	4.4	1.07	.....	4.7
6- 8	do	2.5	1.44	.....	3.6
7-12	do	3.2	.93	.....	3.0
8-18	do	2.7	1.85	.....	5.0
10-25	do	3.2	1.50	.....	4.8
12- 7	do	5.2	.88	.....	4.6
<b>1928</b>					
3-22	A. E. Johnston	4.1	1.68	.....	6.9
5-17	do	3.2	1.71	.....	5.5
6-22	do	4.7	1.23	.....	5.8

CHADRON CREEK, ABOVE CITY RESERVOIR  
Sec. 19, Twp. 32, Rge. 48 W.

<b>1921</b>					
3-14	T. C. Palmer	5.3	0.79	.....	4.1
4-26	do	2.1	1.91	.....	4.1
8-16	do	1.6	1.79	.....	2.9
9-12	Palmer and Heywood	1.9	1.11	.....	2.1
10-11	T. C. Palmer	2.6	.77	.....	2.0
11- 1	do	3.0	.87	.....	2.6
12-13	do	2.6	1.22	.....	3.2
<b>1922</b>					
1-16	T. C. Palmer	2.3	2.11	.....	4.8
2-11	do	3.4	1.59	.....	5.4
3-28	do	3.5	.99	.....	3.5
8- 3	A. H. Atkins	2.1	1.33	.....	2.8
8-23	J. D. Heywood	2.3	1.30	.....	3.0
12- 5	A. E. Johnston	1.4	1.51	.....	2.1
<b>1923</b>					
1-29	A. E. Johnston	2.5	1.61	.....	4.0
2-19	do	2.9	.94	.....	2.7
3-13	do	2.0	1.03	.....	2.0
5- 2	do	1.8	1.03	.....	1.9
5-17	E. F. Ketcham	2.6	1.17	.....	3.1
6-27	do	9.6	.30	.....	3.0
7-20	A. H. Atkins	1.4	1.82	.....	2.5
8- 3	E. F. Ketcham	4.8	1.32	.....	6.4
8-18	A. H. Atkins	2.0	1.82	.....	3.6
9-14	do	3.8	.62	.....	2.4
10-26	do	1.6	1.08	.....	1.7
11-11	A. E. Johnston	2.3	1.25	.....	2.9
11-24	A. H. Atkins	2.4	1.36	.....	3.3
11-26	do	2.2	1.49	.....	3.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## CHADRON CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
1-22	A. E. Johnston	3.9	0.68	.....	2.6
2-29	do	5.5	1.03	.....	5.7
4-14	do	2.1	1.12	.....	2.3
5-12	do	2.6	1.83	.....	4.8
7-13	do	2.7	1.36	.....	3.6
7-28	do	.6	2.01	.....	1.2
8- 8	J. D. Heywood	2.0	1.09	.....	2.1
8-18	A. E. Johnston	1.8	.80	.....	1.5
8-27	Heywood and Hood	1.7	.76	.....	1.3
10- 2	A. E. Johnston	2.0	1.10	.....	2.2
11- 5	do	2.6	1.09	.....	2.8
11-25	do	4.0	.93	.....	3.7
<b>1925</b>					
1-28	A. E. Johnston	4.6	0.96	.....	4.4
2-25	do	4.4	1.00	.....	4.4
3-27	do	2.8	1.25	.....	3.5
4-30	do	3.5	.91	.....	3.2
5-28	do	2.4	1.37	.....	3.3
6-22	do	2.4	1.25	.....	3.0
7-29	do	2.5	1.28	.....	3.2
8-13	J. D. Heywood	.....	.....	.....	2.2
8-14	do	2.5	.96	.....	2.4
9- 8	A. E. Johnston	1.9	1.00	.....	1.9
10-27	do	2.3	.93	.....	2.1
11-24	do	2.8	1.11	.....	3.1
<b>1926</b>					
3- 3	A. E. Johnston	2.2	1.27	.....	2.8
3-23	do	3.3	1.33	.....	4.4
4-14	do	4.1	1.22	.....	5.0
5- 6	do	2.8	1.93	.....	5.4
5-27	do	3.8	1.00	.....	3.8
7- 8	do	3.3	1.93	.....	6.4
8-14	do	3.1	1.16	.....	3.6
9-13	do	2.2	1.32	.....	2.9
10-29	do	2.0	1.70	.....	3.4
<b>1927</b>					
2- 2	A. W. Hall	3.3	0.61	.....	2.0
3-25	A. E. Johnston	2.1	1.45	.....	2.9
4-29	do	3.9	1.54	.....	5.9
5-26	do	2.7	2.10	.....	5.7
6-23	do	1.9	1.79	.....	3.4
7-30	do	2.8	1.46	.....	4.1
9- 1	do	2.2	1.40	.....	3.1
9-21	do	1.8	2.10	.....	3.8
11- 3	do	2.1	2.20	.....	4.6
11-22	do	3.1	2.06	.....	6.4
12-21	do	3.7	1.45	.....	5.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CHADRON CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-17	A. E. Johnston	4.9	1.68	.....	8.7
2- 8	do	2.0	2.40	.....	4.8
3-28	A. W. Hall	2.8	1.57	.....	4.4
5- 4	A. E. Johnston	2.8	1.43	.....	4.0
6-22	A. W. Hall	1.0	1.10	.....	1.1
7- 5	A. E. Johnston	3.0	1.06	.....	3.2
8-18	do	2.2	1.36	.....	3.0
9-28	do	2.0	1.45	.....	2.9
10-25	do	1.7	1.83	.....	3.1
12-21	do	3.2	1.40	.....	4.5

## CHADRON CREEK, BELOW CITY RESERVOIR

Sec. 18, Twp. 32, Rge. 48 W.

<b>1921</b>					
3-14	T. C. Palmer	2.4	1.20	.....	2.9
4-26	do	2.3	.77	.....	1.7
8-16	do	1.9	.84	.....	1.6
9-12	Palmer and Heywood	1.7	.83	.....	1.4
10-11	T. C. Palmer	1.7	1.30	.....	2.2
11- 1	do	1.9	.81	.....	1.6
12-13	do	1.7	1.39	.....	2.4
<b>1922</b>					
1-16	T. C. Palmer	1.8	1.30	.....	2.4
2-11	do	3.0	1.47	.....	4.4
3-28	do	1.9	1.35	.....	2.5
8- 3	A. H. Atkins	2.7	1.14	.....	3.1
8-29	J. D. Heywood	2.3	.74	1.38	1.7
12- 5	A. E. Johnston	.9	.91	.....	.8
<b>1923</b>					
1-29	A. E. Johnston	1.3	1.31	.....	1.7
2-19	do	1.3	1.20	.....	1.6
3-13	do	1.1	1.05	.....	1.2
5- 2	do	2.2	.81	.....	1.8
5-18	E. F. Ketcham	2.5	.55	.....	1.4
6-28	do	2.3	.99	.....	2.3
7-20	A. H. Atkins	.9	.14	.....	1.3
8- 4	E. F. Ketcham	8.9	.82	.....	7.2
8-18	A. H. Atkins	2.5	1.51	.....	3.8
9- 7	A. E. Johnston	1.7	.12	.....	.7
9-14	A. H. Atkins	.4	.28	.....	.1
10- 6	A. E. Johnston	.8	.90	.....	.7
10-26	A. H. Atkins	.4	.32	.....	.1
11-11	A. E. Johnston	1.3	.51	.....	.7
11-24	Atkins and Heywood	1.2	.60	.....	.7
11-26	A. H. Atkins	1.2	.59	.....	.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CHADRON CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
1-22	A. E. Johnston	0.9	0.64	.....	0.6
2-20	do	1.0	.93	.....	.9
4-14	do	2.3	1.51	.....	3.4
5-12	do	1.5	1.33	.....	2.0
7-13	do	1.5	.62	.....	.9
7-28	do	1.5	.44	.....	.7
8- 8	J. D. Heywood	1.0	1.30	.....	1.3
8-18	A. E. Johnston	.8	.27	.....	.2
8-27	Heywood and Hood	.5	.87	.....	.5
10- 2	A. E. Johnston	.4	.90	.....	.4
11- 5	do	1.7	.49	.....	.8
11-25	do	1.7	.85	.....	1.4
<b>1925</b>					
1-28	A. E. Johnston	0.7	1.57	.....	1.1
2-25	do	2.6	1.30	.....	3.4
3-27	do	1.4	1.00	.....	1.4
4-30	do	2.2	.73	.....	1.6
5-28	do	1.9	.79	.....	1.5
6-22	do	1.1	.63	.....	.7
7-29	do	.....	.....	.....	.5
8-14	do	1.0	.50	.....	.5
8-14	J. D. Heywood	.....	.....	.....	.7
9- 8	A. E. Johnston	.4	.95	.....	.4
10-27	do	1.9	.34	.....	.7
11-24	do	1.6	.81	.....	1.3
<b>1926</b>					
3- 3	A. E. Johnston	1.4	0.64	.....	0.9
3-23	do	1.3	.70	.....	.9
4-14	do	2.2	1.27	.....	2.8
5- 6	do	1.4	.71	.....	1.0
5-27	do	1.2	.63	.....	.7
7- 8	do	1.3	.62	.....	.8
8-14	do	1.1	.68	.....	.7
9-13	do	.5	.85	.....	.4
10-29	do	2.9	1.00	.....	2.9
<b>1927</b>					
2- 2	A. W. Hall	1.7	1.00	.....	1.7
3-25	A. E. Johnston	.9	1.12	.....	1.1
4-29	do	1.4	.86	.....	1.2
5-26	do	1.4	.71	.....	1.0
6-23	do	1.8	.95	.....	1.7
7-30	do	2.5	.68	.....	1.7
9- 1	do	1.0	.50	.....	.5
9-21	do	1.2	.42	.....	.5
11- 3	do	1.2	.58	.....	.7
11-22	do	1.3	.85	.....	1.1
12-21	do	1.3	.85	.....	1.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CHADRON CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-17	A. E. Johnston	1.2	.83	.....	1.0
2- 8	do	1.5	.53	.....	.8
3-28	A. W. Hall	1.2	1.00	.....	1.2
5- 4	A. E. Johnston	1.1	.82	.....	.9
6-22	A. W. Hall	.6	1.00	.....	.6
7- 5	A. E. Johnston	1.9	1.42	.....	2.7
8-18	do	.7	1.00	.....	.7
9-28	do	.4	.50	.....	.2
10-25	do	.....	.....	.....	.0
12-21	do	1.4	.64	.....	.9

## CHADRON CREEK

Sec. 12, Twp. 32, Rge. 49 W.

<b>1921</b>					
3-14	T. C. Palmer	2.0	1.11	.....	2.2
4-26	do	.9	1.60	.....	1.5
8-16	do	.5	.81	.....	.5
9-12	Palmer and Heywood	.6	1.10	.....	.6
10-11	T. C. Palmer	.7	1.30	.....	.9
11- 1	do	.6	2.00	.....	1.2
12-13	do	.7	1.68	.....	1.1
<b>1922</b>					
1-16	T. C. Palmer	0.8	0.75	.....	0.6
2-11	do	1.8	1.20	.....	2.1
3-28	do	1.5	1.04	.....	1.5
12- 5	A. E. Johnston	.8	.60	.....	.5
<b>1923</b>					
1-29	A. E. Johnston	1.2	1.31	.....	1.6
2-19	do	.8	1.17	.....	1.0
3-13	do	1.0	.99	.....	1.0
5- 2	do	1.4	1.25	.....	1.8
5-18	E. F. Ketcham	1.8	.52	.....	.9
6-28	do	4.4	.35	.....	1.5
7-20	A. H. Atkins	.6	.11	.....	.7
8- 4	E. F. Ketcham	3.6	1.76	.....	6.3
8-18	A. H. Atkins	1.3	1.41	.....	1.8
9- 7	A. E. Johnston	.8	.11	.....	.9
9-14	A. H. Atkins	1.3	.59	.....	.8
10- 6	A. E. Johnston	1.5	1.12	.....	1.7
10-26	A. H. Atkins	.3	1.00	.....	.3
11-11	A. E. Johnston	1.1	1.22	.....	1.3
11-24	Atkins and Heywood	1.3	1.06	.....	1.3
11-26	A. H. Atkins	1.3	1.06	.....	1.1
<b>1924</b>					
1-22	A. E. Johnston	1.1	0.34	.....	0.4
3-20	do	1.2	1.46	.....	1.7
4-14	do	3.2	1.20	.....	3.9
5-12	do	2.9	1.24	.....	3.6
7-13	do	1.1	.32	.....	.4
7-28	do	.8	.31	.....	.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CHADRON CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
8- 8	J. D. Heywood	.5	.25	.....	.1
8-18	A. E. Johnston	.8	.25	.....	.2
8-27	Heywood and Hood	.....	.....	.....	.0
10- 2	A. E. Johnston	.8	.62	.....	.5
11- 5	do	.9	.81	.....	.8
11-25	do	3.1	.75	.....	2.3
<b>1925</b>					
1-28	A. E. Johnston	1.1	0.50	.....	1.0
2-25	do	2.0	1.75	.....	3.5
2-27	do	1.7	.88	.....	1.5
4-30	do	2.0	.95	.....	1.9
5-28	do	1.8	1.10	.....	2.0
6-22	do	.7	.92	.....	.6
7-29	do	.....	.....	.....	.6
8-13	J. D. Heywood	.....	.....	.....	.3
9- 8	A. E. Johnston	.7	.49	.....	.3
10-27	do	1.4	.55	.....	.8
11-24	do	2.2	.56	.....	1.2
<b>1926</b>					
3- 3	A. E. Johnston	1.3	1.08	.....	1.4
3-23	do	1.5	1.26	.....	1.9
4-14	do	1.7	1.54	.....	2.6
5- 6	do	1.3	1.46	.....	1.9
5-27	do	1.1	.92	.....	1.0
7- 8	do	16.5	1.28	.....	2.1
8-14	do	2.3	1.56	.....	3.6
9-13	do	.3	.72	.....	.2
10-29	do	1.9	1.42	.....	2.7
<b>1927</b>					
2- 2	A. W. Hall	4.3	0.56	.....	2.4
2-25	A. E. Johnston	1.4	1.28	.....	1.8
4-29	do	2.5	1.48	.....	3.7
5-26	do	1.0	1.50	.....	1.6
6-23	do	1.4	1.64	.....	2.3
7-30	do	1.1	1.45	.....	1.6
9- 1	do	.6	1.62	.....	1.0
9-21	do	1.2	1.25	.....	1.5
11- 3	do	2.5	.92	.....	2.3
11-22	do	2.2	1.18	.....	2.6
12-21	do	1.4	.88	.....	1.6
<b>1928</b>					
1-17	A. E. Johnston	1.2	1.00	.....	1.2
2- 8	do	1.9	1.15	.....	2.2
2-28	A. W. Hall	1.8	1.07	.....	1.9
5- 4	A. E. Johnston	1.3	1.08	.....	1.4
6-22	A. W. Hall	2.1	1.38	.....	2.9



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CHADRON CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
7- 5	A. E. Johnston	.8	.50	.....	.4
8-18	do	.9	1.00	.....	.9
9-28	do	.4	.37	.....	.1
10-25	do	.....	.....	.....	.0
12-21	do	1.0	.50	.....	.5

CHADRON CREEK  
Sec. 15, Twp. 33, Rge. 49 W.

1921					
3-16	Palmer and Heywood	4.3	0.89	.....	3.9
4-27	T. C. Palmer	2.9	1.23	.....	3.6
8-16	do	1.8	.63	.....	1.2
9-12	do	.8	.90	.....	.7
10-11	do	1.1	.84	.....	.9
11- 2	do	1.2	1.07	.....	1.3
12-13	do	2.3	1.26	.....	2.9

1922					
1-17	T. C. Palmer	2.4	0.54	.....	1.3
2-11	do	5.0	.84	.....	4.2
3-28	do	3.2	1.20	.....	3.8
8- 3	A. H. Atkins	3.7	.94	.....	3.5
2- 5	A. E. Johnston	2.4	.67	.....	1.6

1923					
1-29	A. E. Johnston	3.1	0.90	.....	2.8
2-20	do	2.1	.87	.....	1.8
3-14	do	2.6	.57	.....	1.5
5- 3	do	2.6	.86	.....	2.3
5-18	E. F. Ketcham	4.8	.57	.....	2.8
6-28	do	8.4	.26	.....	2.3
7-20	A. H. Atkins	1.3	.95	.....	1.2
8- 5	E. F. Ketcham	11.8	.78	.....	9.2
8-18	A. H. Atkins	5.6	1.36	.....	7.7
9- 7	A. E. Johnston	7.9	.52	.....	4.1
9-14	A. H. Atkins	2.5	.77	.....	1.9
10- 6	A. E. Johnston	5.6	.41	.....	2.3
10-26	A. H. Atkins	2.4	1.07	.....	2.6
11-11	A. E. Johnston	3.9	.81	.....	3.2
11-24	Atkins and Heywood	4.2	.76	.....	3.2
11-26	A. H. Atkins	3.7	.78	.....	2.8

1924					
1-22	A. E. Johnston	3.2	0.85	.....	2.7
2-20	do	4.0	.97	.....	3.9
4-15	do	4.6	1.07	.....	4.9
5-14	do	4.6	1.08	.....	5.0
7-13	do	1.0	.72	.....	.7
7-30	do	.....	.....	.....	.0
8- 8	J. D. Heywood	.....	.....	.....	.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CHADRON CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
8-20	A. E. Johnston	.3	.28	.....	.7
10- 2	do	.4	1.00	.....	.4
11- 5	do	1.4	.79	.....	1.1
11-25	do	3.4	1.11	.....	3.8
<b>1925</b>					
1-28	A. E. Johnston	3.6	1.60	.....	3.6
2-25	do	4.0	1.42	.....	5.7
3-26	do	2.5	.96	.....	2.4
5- 1	do	2.6	.87	.....	2.3
5-28	do	2.5	.92	.....	2.3
6-20	do	1.3	.96	.....	1.3
7-28	do	.....	.....	.....	9.7
8-13	J. D. Heywood	.....	.....	.....	.0
8-17	A. E. Johnston	.2	.40	.....	.1
9- 9	do	.4	.75	.....	.3
10-27	do	1.7	.88	.....	1.5
11-24	do	2.7	1.20	.....	3.2
<b>1926</b>					
2- 2	A. E. Johnston	4.1	0.90	.....	3.7
2-23	do	3.7	1.11	.....	4.1
4-14	do	5.5	.62	.....	3.4
5- 5	do	3.4	.62	.....	2.1
5-26	do	6.6	.45	.....	3.0
7- 7	do	4.3	1.05	.....	4.5
8-14	do	6.3	.51	.....	3.2
9-13	do	2.6	.27	.....	.7
10-29	do	2.2	1.72	.....	3.8
<b>1927</b>					
2- 3	A. W. Hall	3.0	1.10	.....	3.3
3-25	A. E. Johnston	2.3	1.48	.....	3.4
4-29	do	13.8	.62	.....	7.2
5-25	do	2.4	2.08	.....	5.0
6-23	do	3.8	1.00	.....	3.8
8- 1	do	2.6	1.04	.....	2.7
8-31	do	1.0	1.40	.....	1.4
9-21	do	1.2	2.16	.....	2.6
11- 3	do	2.4	1.25	.....	2.9
11-22	do	3.8	1.42	.....	5.4
12-20	do	2.3	1.43	.....	3.4
<b>1928</b>					
1-16	A. E. Johnston	6.4	1.58	.....	10.1
2- 7	do	5.8	1.69	.....	9.8
3-28	A. W. Hall	4.4	1.77	.....	7.8
5- 3	A. E. Johnston	6.8	4.86	.....	3.3
6-22	A. W. Hall	5.9	1.18	.....	7.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CHADRON CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
7- 3	A. E. Johnston	2.0	.90	.....	1.9
8-17	do	3.5	1.00	.....	3.5
9-28	do	1.0	.33	.....	.3
10-25	do	.6	.50	.....	.3
12-21	do	1.3	1.23	.....	1.6

## CHERRY CREEK

Sec. 22, Twp. 24, Rge. 61 W., Wyoming

1926					
3-18	A. W. Hall	2.2	0.63	.....	3.5
4- 9	do	4.2	.83	.....	3.5
5- 6	do	11.1	1.67	.....	18.6
5-20	do	7.1	1.54	0.50	10.9
6- 2	do	19.9	2.54	1.85	46.1
6-23	do	6.3	1.28	.60	8.1
7- 9	do	18.8	1.78	1.80	33.5
7-22	do	20.4	2.08	1.90	42.4
8-13	do	21.1	1.96	2.05	41.3
8-27	do	20.9	2.35	2.15	49.2
9-15	do	26.9	1.86	2.15	50.2
10- 6	A. E. Johnston	9.0	1.91	1.05	17.2
10-27	A. W. Hall	10.5	1.45	1.90	15.2
1927					
1- 6	A. W. Hall	9.2	1.92	1.10	17.7
2- 1	do	.....	.....	2.10	Ice.
2-23	do	28.7	3.56	2.70	102.2
3-11	do	5.4	1.00	1.00	5.4
3-30	A. E. Johnston	11.7	1.61	2.45	18.9
4-25	do	9.7	1.77	.....	17.3
5-12	A. W. Hall	17.7	1.60	2.41	28.3
5-25	do	9.4	.88	2.30	8.3
6-16	do	13.0	1.75	2.35	22.7
7- 7	do	13.6	1.84	2.40	24.1
8- 4	do	14.2	1.81	2.40	25.7
8-25	do	21.6	2.16	2.55	46.7
10-14	C. E. Franklin	8.8	1.18	2.18	10.4
11- 8	A. W. Hall	7.8	.97	2.15	7.6
11-23	do	4.2	1.19	2.20	5.0
12-11	C. E. Franklin	10.0	.59	.....	5.9
1928					
1-11	C. E. Franklin	11.2	1.13	.....	12.7
2-11	A. W. Hall	3.4	1.15	1.10	3.9
3-20	do	5.8	1.15	1.55	6.7
4- 7	do	3.1	3.15	2.00	3.8
5- 3	do	5.0	1.14	2.00	5.8
5-16	do	9.6	1.60	2.20	15.3
5-31	**Goyne Drummond	11.8	1.44	2.20	18.6

\*\*Wyoming measurement.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CHERRY CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
6-15	A. W. Hall	13.5	1.44	2.25	19.4
7- 6	do	12.0	1.98	2.25	23.8
8- 3	do	28.1	2.03	2.60	57.2
9- 5	do	31.5	2.32	2.80	73.2
9-24	do	29.8	2.02	2.60	60.5
11-17	C. E. Franklin	8.9	1.19	.....	10.6
11-27	do	10.2	1.05	.....	10.7
12- 6	do	19.9	.73	.....	14.6

CHIMNEY ROCK DRAIN  
Sec. 6, Twp. 20, Rge. 52 W.

<b>1923</b>					
7- 6	A. E. Johnston	0.70	0.48	.....	0.3
7-25	do	5.40	.80	.....	4.3
<b>1926</b>					
3-26	A. E. Johnston	1.25	0.95	.....	1.2
4-16	do	1.05	1.20	.....	1.3
6- 1	do	.85	.57	.....	.5
7-10	do	1.05	.95	.....	1.0
9-16	do	1.01	.54	.....	.5
<b>1927</b>					
5-31	A. E. Johnston	1.1	1.36	.....	1.6
9- 5	do	.7	1.44	.....	1.0
9-23	do	.8	1.00	.....	.8
<b>1928</b>					
2-11	A. E. Johnston	1.0	1.40	.....	1.4
4- 6	do	1.3	1.38	.....	1.8
5- 8	do	.....	.....	.....	†1.5
7- 9	do	.6	1.30	.....	.8
10- 3	do	.7	.99	.....	.7
12-24	do	1.3	1.31	.....	1.7

CLEAR CREEK  
Sec. 5, Twp. 15, Rge. 41 W.

<b>1919</b>					
4-19	Palmer and North	4.3	1.62	.....	7.0
4-24	Earl North	5.1	1.36	.....	6.9
5- 6	do	3.4	2.41	.....	8.3
5-13	do	3.2	1.98	.....	6.5
5-24	do	8.0	1.94	.....	7.4
5-26	do	6.9	1.20	.....	8.3
9- 8	do	1.6	1.08	.....	1.7
<b>1921</b>					
3- 1	T. C. Palmer	6.6	1.49	.....	9.8
3-31	do	5.2	2.31	.....	12.1
4-14	do	3.6	1.94	.....	7.0
5- 4	do	4.1	1.93	.....	7.9

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CLEAR CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
6-22	A. H. Atkins	5.0	1.64	.....	8.2
7- 6	do	1.9	3.40	.....	6.6
8-20	do	4.2	.69	.....	2.9
8-30	do	3.0	.97	.....	2.9
9-14	T. C. Palmer	5.4	1.10	.....	5.9
9-30	Palmer and Chaloupka	4.8	1.61	.....	7.7
10-14	T. C. Palmer	5.1	1.55	.....	7.9
11-28	do	5.4	2.15	.....	11.6
<b>1922</b>					
4- 6	A. E. Johnston	4.3	1.80	.....	7.7
4-19	do	4.3	1.42	.....	6.1
5- 2	do	5.2	1.40	.....	7.3
5-16	do	6.5	1.32	.....	8.6
6- 1	do	9.7	1.18	.....	11.5
6-17	do	.8	.50	.....	.4
6-27	do	8.5	.94	.....	8.0
8- 4	do	3.0	2.43	.....	7.3
8-18	do	4.6	1.78	.....	8.2
9- 1	Johnston and Eyerly	1.8	.83	.....	1.5
9-16	Johnston and Easterday	4.0	1.55	.....	6.2
9-26	A. E. Johnston	3.3	1.84	.....	6.1
10-25	do	3.8	2.07	.....	7.9
11-27	do	3.2	2.21	.....	7.1
<b>1923</b>					
1-12	A. E. Johnston	3.5	1.73	.....	6.1
2-10	do	3.9	2.08	.....	8.1
3- 2	do	3.0	2.21	.....	6.6
3-29	do	2.5	2.49	.....	6.2
4-10	do	2.0	1.37	.....	2.7
5-17	do	2.9	1.70	.....	5.0
6-13	do	3.9	1.77	.....	6.9
6-29	do	4.7	1.83	.....	8.6
7- 6	E. F. Ketcham	4.3	1.60	.....	6.9
7-20	A. E. Johnston	.8	.57	.....	4.6
7-25	A. H. Atkins	1.0	1.03	.....	1.0
8-11	A. E. Johnston	3.0	2.49	.....	7.5
8-25	A. H. Atkins	3.4	1.03	.....	3.5
9-12	A. E. Johnston	2.3	1.33	.....	3.1
9-26	A. H. Atkins	4.5	1.25	.....	5.6
10-15	do	4.2	1.80	.....	7.6
<b>1924</b>					
2- 9	A. E. Johnston	5.1	2.10	.....	10.7
3- 4	do	4.5	2.30	.....	10.4
7-13	do	3.6	1.92	.....	6.9
4- 4	do	4.3	2.17	.....	9.4
4-21	do	3.7	2.40	.....	8.9
5-20	do	3.9	2.28	.....	8.9
6-13	do	3.6	2.15	.....	7.8
7-15	do	1.7	1.67	.....	2.8
7-24	do	.7	.22	.....	.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CLEAR CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
8- 2	C. G. Hrubesky	1.4	1.55	.....	2.6
8-16	do	1.5	.84	.....	1.4
8-26	A. E. Johnston	.4	1.00	.....	.4
9- 1	C. G. Hrubesky	1.4	.80	.....	1.1
10- 7	A. E. Johnston	3.5	1.91	.....	6.7
10-25	do	3.5	2.09	.....	7.3
11-17	do	2.3	2.96	.....	6.8
12- 1	do	2.0	3.05	.....	6.0
<b>1925</b>					
2- 9	A. E. Johnston	3.5	3.40	.....	11.9
3-10	do	3.7	3.35	.....	12.4
4- 7	do	3.8	2.45	.....	9.3
4-29	A. W. Hall	3.5	1.60	.....	5.6
5-19	A. E. Johnston	5.3	2.34	.....	12.4
6- 3	do	2.6	2.92	.....	7.6
6-15	do	.5	.56	.....	.3
6-25	do	.5	.60	.....	.3
7- 9	do	.2	.14	.....	.0
7-15	do	2.4	1.62	.....	3.9
7-23	do	3.5	2.54	.....	8.9
8- 4	do	2.7	2.48	.....	5.9
8-13	do	.5	.62	.....	.3
8-26	do	2.8	2.28	.....	6.4
9-16	do	4.5	1.93	.....	8.7
9-25	do	4.1	2.10	.....	8.6
10-15	do	4.3	2.41	.....	10.3
11- 4	do	4.6	2.28	.....	10.4
12- 7	do	4.5	2.50	.....	11.3
<b>1926</b>					
1-20	A. E. Johnston	5.7	2.04	.....	11.6
2- 9	do	3.2	3.13	.....	10.0
3-18	do	4.2	2.50	.....	10.4
4- 9	do	3.2	3.15	.....	10.1
4-29	do	3.7	2.40	.....	8.9
5-20	do	4.2	2.27	.....	9.5
6-14	do	6.1	1.98	.....	12.1
6-18	do	5.0	.48	.....	9.6
6-28	do	.8	.50	.....	.4
7-23	do	.3	.56	.....	.2
8-19	do	.9	.78	.....	.7
8-26	do	.....	.....	.....	.0
9- 2	do	1.3	1.30	.....	1.7
9-30	do	3.8	2.78	.....	10.6
10-16	A. W. Hall	5.2	1.61	.....	8.4
10-26	A. E. Johnston	4.7	1.72	.....	8.1
11-12	do	3.5	1.40	.....	4.9
12-11	A. W. Hall	4.5	2.69	.....	12.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CLEAR CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
1-10	A. W. Hall	4.3	2.30	.....	10.0
2-18	do	6.0	1.50	.....	10.8
3-23	do	6.4	2.44	.....	15.6
4- 5	A. E. Johnston	5.9	2.05	.....	12.1
4-19	do	4.3	3.15	.....	13.6
5- 4	do	5.1	2.43	.....	12.4
5-21	do	3.9	2.20	.....	8.6
6- 9	do	9.2	1.31	.....	12.1
6-15	do	5.4	2.26	.....	12.2
6-28	do	2.6	2.61	.....	6.8
7-15	do	.....	.....	.....	.0
7-26	do	.....	.....	.....	.0
8- 5	do	2.0	2.00	.....	4.0
8-24	do	3.1	3.54	.....	11.0
9-15	do	3.6	2.36	.....	8.5
10- 7	do	4.3	2.82	.....	12.1
10-12	do	4.0	3.23	.....	12.9
10-28	do	3.5	2.94	.....	10.3
11-17	do	4.6	2.78	.....	12.5
11-26	do	4.5	2.86	.....	12.9
12-23	do	3.6	2.30	.....	8.3
<b>1928</b>					
1-10	A. E. Johnston	6.0	3.32	.....	19.9
1-21	do	6.0	3.00	.....	14.9
2- 3	do	5.4	3.30	.....	17.8
2-29	do	5.2	2.10	.....	10.9
3- 6	do	5.4	2.02	.....	11.0
3-28	do	5.2	2.26	.....	11.8
4-25	do	4.2	2.83	.....	11.9
5-31	do	3.6	3.34	.....	12.0
6- 7	do	4.2	3.26	.....	13.7
6-28	do	3.4	3.30	.....	11.2
7-19	do	4.5	3.13	.....	14.1
7-25	do	4.2	2.90	.....	12.2
8-10	do	3.9	2.95	.....	11.5
8-21	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
10-18	do	2.6	2.38	.....	6.2
11-15	do	7.1	1.58	.....	11.6
11- 9	do	3.6	1.97	.....	7.1
11-26	do	4.4	2.48	.....	10.9
12- 4	do	3.8	2.08	.....	7.9
12-18	do	4.6	2.04	.....	9.4

## CLEAR CREEK

Sec. 26, Twp. 14, Rge. 16 W.

<b>1925</b>					
5-11	A. E. Johnston	4.4	0.91	.....	4.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## CLEAR CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
7- 5	A. E. Johnston	4.1	0.95	.....	3.9
8-11	do	3.9	1.02	.....	4.0
9- 9	do	38.8	1.84	.....	71.5
9-29	do	7.8	1.47	.....	5.3
10-20	do	12.5	.33	.....	4.2
11-11	do	10.2	.37	.....	3.8
11-30	do	12.1	.86	.....	10.4
<b>1928</b>					
1-26	A. E. Johnston	11.0	0.66	.....	6.9
2-18	do	17.0	.34	.....	5.8
3-12	do	14.0	.72	.....	10.2
4-19	do	8.0	.61	.....	5.0
5-23	do	16.0	1.36	.....	22.1
8- 6	do	6.0	.70	.....	3.9
10-11	do	.6	.50	.....	.3
10-31	do	2.0	1.56	.....	2.5
12- 8	do	3.0	1.28	.....	3.2

CLEAR CREEK, UPPER  
Sec. 35, Twp. 13, Rge. 9 E.

<b>1923</b>					
7- 3	A. H. Atkins	7.0	0.97	.....	7.1
8- 6	do	29.0	1.12	.....	41.2
<b>1928</b>					
2-22	A. E. Johnston	17.0	0.87	.....	14.4
3-19	do	15.0	1.13	.....	17.4
4-14	do	10.0	.60	.....	5.8
5-14	do	11.0	.67	.....	7.2
6-19	do	12.0	.85	.....	10.6
10- 9	do	6.0	.52	.....	3.1
11-17	do	11.0	.75	.....	8.2

CLEAR WATER CREEK  
Sec. 6, Twp. 25, Rge. 7 W.

<b>1926</b>					
3- 5	A. E. Johnston	23.8	2.04	.....	48.7
3-27	do	24.4	1.50	.....	36.3
4-17	do	21.3	1.85	.....	39.5
5-10	do	25.8	1.91	.....	49.4
6- 2	do	18.4	1.47	.....	27.1
7-12	do	16.6	1.47	.....	24.4
9-17	do	41.8	2.38	.....	99.7
<b>1927</b>					
6- 1	A. E. Johnston	27.1	2.12	.....	57.4
9- 6	do	38.4	2.11	.....	81.2
9-24	do	24.5	1.75	.....	42.9
11- 9	do	23.5	1.77	.....	41.7



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

CLEAR WATER CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
2-13	A. E. Johnston	63.2	2.13	.....	134.4
4-7	do	27.5	1.94	.....	53.5
5-9	do	26.8	1.59	.....	42.7
7-10	do	26.7	1.46	.....	39.1
10-4	do	20.6	1.70	.....	35.0

COLD WATER CREEK  
Sec. 34, Twp. 18, Rge. 46 W.

1921					
1-5	T. C. Palmer	4.0	1.00	.....	4.1
2-28	do	2.9	1.69	.....	4.9
3-31	do	2.2	1.56	.....	3.4
5-3	do	2.8	1.10	.....	3.0
6-21	A. H. Atkins	12.6	.83	.....	10.4
7-5	do	2.4	.85	.....	2.0
7-20	do	1.1	1.04	.....	1.1
7-26	do	2.0	1.37	.....	2.7
8-10	do	2.6	1.00	.....	2.6
8-22	do	2.8	1.21	.....	3.3
9-13	T. C. Palmer	1.6	1.31	.....	2.1
10-13	do	1.8	1.20	.....	2.1
11-28	do	2.2	1.56	.....	3.4
1922					
4-5	A. E. Johnston	3.8	1.24	.....	4.7
4-18	do	3.9	1.05	.....	4.1
5-1	do	3.8	2.00	.....	7.7
5-15	do	2.9	.96	.....	2.8
5-31	do	3.6	1.14	.....	4.1
6-15	do	1.8	.88	.....	1.6
6-30	do	1.8	1.11	.....	2.0
7-13	do	1.8	1.33	.....	2.4
7-19	do	2.2	.59	.....	1.3
8-3	do	2.8	1.10	.....	3.1
8-17	do	2.1	1.43	.....	3.0
9-2	do	2.4	1.83	.....	4.4
9-15	Johnston and Easterday	1.4	1.43	.....	2.0
9-25	A. E. Johnston	2.2	2.09	.....	4.6
10-25	do	2.3	2.20	.....	5.0
11-28	do	2.3	1.14	.....	2.6
1923					
1-12	A. E. Johnston	2.5	1.71	.....	4.3
2-10	do	2.1	1.60	.....	3.4
3-2	do	1.6	1.71	.....	2.8
3-29	do	2.0	1.63	.....	3.3
4-10	do	2.1	1.79	.....	3.8
5-16	do	1.4	1.12	.....	1.6
6-12	do	1.2	1.21	.....	1.4
6-27	do	1.7	1.55	.....	2.7
7-5	E. F. Ketcham	1.0	.67	.....	.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## COLD WATER CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-23	A. H. Atkins	1.2	2.30	.....	2.8
8-24	do	1.0	.69	.....	.7
9-25	do	.8	.40	.....	.4
10-11	do	1.4	1.22	.....	1.7
<b>1924</b>					
2- 9	A. E. Johnston	3.1	1.15	.....	3.6
3-14	do	1.2	.89	.....	1.0
6-12	do	.....	.....	.....	.0
7-14	do	.6	.35	.....	.2
7-25	do	.8	.35	.....	.4
8- 1	C. G. Hrubesky	.8	.87	.....	.7
8-15	do	.6	.87	.....	.5
8-27	A. E. Johnston	2.0	.50	.....	1.0
9- 2	C. G. Hrubesky	.5	.79	.....	.4
10- 6	do	.4	.85	.....	.3
12- 1	A. E. Johnston	2.7	1.59	.....	4.3
<b>1925</b>					
1-16	A. E. Johnston	2.4	1.54	.....	3.7
2- 9	do	2.5	1.60	.....	4.0
3- 9	do	2.5	1.80	.....	4.5
4- 6	do	2.9	1.76	.....	5.1
4-29	A. W. Hall	.....	.....	.....	†.5
5- 9	do	2.1	1.05	.....	2.2
5-20	A. E. Johnston	.4	.80	.....	.3
6- 1	do	.3	.40	.....	.1
6-16	do	.2	.50	.....	.1
6-24	do	.3	.44	.....	.1
7-10	do	.2	.24	.....	.0
7-13	do	.3	.28	.....	.1
7-24	Johnston and Clark	.5	.71	.....	.3
8- 3	A. E. Johnston	.3	.73	.....	.2
8-24	do	.2	.28	.....	.0
9-15	do	.5	1.10	.....	.6
10-16	do	.4	.62	.....	.3
11- 3	do	.8	.70	.....	.5
12- 8	do	.2	.30	.....	.1
<b>1926</b>					
1-19	A. E. Johnston	1.9	1.79	.....	3.4
2- 8	do	2.0	1.85	.....	3.7
3-19	do	.3	.31	.....	.1
4-10	do	3.0	1.63	.....	4.9
4-30	do	.7	1.00	.....	.7
5-21	do	.4	.53	.....	.2
6-16	do	.5	.85	.....	.4
6-30	do	.4	.50	.....	.2
7-24	do	.....	.....	.....	.0
7-30	do	1.5	.44	.....	.7

†Estimated

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

COLD WATER CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
8-10	A. E. Johnston	1.0	.73	.....	.3
8-18	do	3.0	1.73	.....	5.3
9- 3	do	.4	1.00	.....	.4
10- 1	do	.2	.73	.....	.2
10-27	do	.4	.49	.....	.2
11-13	do	.5	.40	.....	.2
<b>1927</b>					
3-23	A. W. Hall	3.3	1.55	.....	5.1
4- 4	A. E. Johnston	3.1	1.11	.....	3.5
4-20	do	4.1	1.44	.....	5.9
5- 2	do	3.6	1.30	.....	4.7
6-16	do	4.4	.70	.....	3.1
6-27	do	1.3	.85	.....	1.1
7-28	do	2.6	.77	.....	2.0
8- 4	do	1.0	1.00	.....	1.0
8-26	do	.3	.82	.....	.3
9-16	do	.2	.56	.....	.1
10- 8	do	.3	.80	.....	.2
10-29	do	1.8	1.39	.....	2.5
11-18	do	1.0	1.10	.....	1.2
11-25	do	1.8	.89	.....	1.6
12-23	do	1.6	1.50	.....	2.4
<b>1928</b>					
1-11	A. E. Johnston	3.2	1.00	.....	3.2
1-20	do	3.3	1.09	.....	3.3
2- 3	do	2.6	.65	.....	1.7
3- 1	do	3.7	1.15	.....	3.2
3- 5	do	2.2	.59	.....	1.4
3-29	do	3.7	1.30	.....	4.9
4-27	do	1.1	.73	.....	.8
6- 2	do	1.5	1.20	.....	1.8
6- 5	do	1.1	1.00	.....	1.1
6-30	do	4.0	1.95	.....	7.8
7-20	do	5.0	1.58	.....	7.9
7-23	do	2.7	1.81	.....	4.9
9- 6	do	.3	.50	.....	.1
9-20	do	.5	.80	.....	.4
10-20	do	3.5	1.37	.....	4.8
11- 6	do	3.7	1.20	.....	4.8
11- 8	do	2.9	1.34	.....	3.9
11-27	do	1.0	.90	.....	.9
12- 3	do	1.3	.23	.....	.3
12-19	do	.4	.75	.....	.3

## COON CREEK

Sec. 13, Twp. 3, Rge. 28 W.

<b>1923</b>					
8- 6	A. E. Johnston	7.5	1.17	.....	8.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

COTTONWOOD CREEK  
Sec. 27, Twp. 29, Rge. 48 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
2-14	T. C. Palmer	7.3	0.80	.....	5.9
4-26	do	3.4	.90	.....	3.1
8-16	do	1.0	.50	.....	1.5
10-10	do	1.9	.60	.....	1.1
11- 1	do	1.8	.57	.....	1.0
12-12	do	3.9	1.01	.....	4.0
<b>1922</b>					
3-27	T. C. Palmer	4.0	0.85	.....	3.4
8- 2	A. H. Atkins	1.5	.93	.....	1.4
12- 4	A. E. Johnston	.6	.63	.....	.4
<b>1923</b>					
1-29	A. E. Johnston	.....	.....	.....	0.0
2-19	do	.....	.....	.....	.0
2-13	do	1.0	0.45	.....	.5
5- 2	do	1.0	.43	.....	.4
5-17	E. F. Ketcham	1.6	.61	.....	1.0
6-27	do	1.8	.61	.....	1.1
8- 3	do	1.1	1.02	.....	1.1
9- 5	A. E. Johnston	1.3	.52	.....	.7
10- 4	do	1.5	.41	.....	.6
<b>1925</b>					
2-25	A. E. Johnston	1.9	1.21	.....	2.3
2-27	do	1.9	.63	.....	1.2
4- 3	do	1.5	.80	.....	1.2
7-29	do	.7	.83	.....	.5
<b>1926</b>					
3- 1	A. E. Johnston	2.8	1.07	.....	3.0
3-22	do	2.0	.90	.....	1.8
4-13	do	2.1	.78	.....	1.7
5- 4	do	1.5	.83	.....	1.2
5-25	do	1.4	.93	.....	1.3
7- 6	do	3.5	1.54	.....	5.4
8-14	do	.9	1.08	.....	1.0
10-29	do	1.1	1.27	.....	1.4
<b>1927</b>					
2- 2	A. W. Hall	1.6	0.79	.....	1.1
3-25	A. E. Johnston	1.6	1.75	.....	2.8
4-29	do	1.9	1.68	.....	3.2
5-24	do	2.5	1.24	.....	3.2
6-23	do	1.8	1.33	.....	2.4
7-30	do	.9	1.88	.....	1.7
8-29	do	1.4	1.43	.....	2.0
9-20	do	1.4	1.00	.....	1.4
11- 2	do	1.4	1.00	.....	1.4
11-22	do	1.5	1.92	.....	2.9
12-21	do	.....	.....	.....	Ice.

\*Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

COTTONWOOD CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
<b>1928</b>					
1-17	A. E. Johnston	2.3	0.96	.....	2.2
2- 6	do	2.6	1.46	.....	3.8
4-30	do	1.3	.92	.....	1.2
7- 2	do	1.3	.92	.....	1.2
8-14	do	.7	.57	.....	.4
9-24	do	1.0	.89	.....	.8
10-23	do	1.8	.94	.....	1.7

COTTONWOOD CREEK, BIG  
Sec. 25, Twp. 2, Rge. 16 W.

<b>1923</b>					
1- 6	A. E. Johnston	3.6	1.57	.....	5.7
<b>1926</b>					
10-16	A. E. Johnston	1.7	1.35	.....	2.3
<b>1927</b>					
7-12	A. E. Johnston	3.2	1.34	.....	4.3
8-18	do	2.5	2.08	.....	5.2
10-25	do	2.0	1.55	.....	3.1
12- 7	do	2.5	1.64	.....	4.1

COTTONWOOD CREEK, LITTLE  
Sec. 8, Twp. 32, Rge. 51 W.

<b>1925</b>					
2-25	A. E. Johnston	1.8	0.64	.....	1.1
3-26	do	.6	.50	.....	.3
4-28	do	3.3	.45	.....	1.5
5-26	do	.3	.58	.....	.2
7-28	do	10.3	1.84	.....	19.0
9- 9	do	.5	.92	.....	.5
11-24	do	1.3	1.39	.....	1.8
<b>1926</b>					
3- 2	A. E. Johnston	5.3	0.75	.....	4.0
3-23	do	2.3	1.00	.....	2.3
4-14	do	1.6	.94	.....	1.5
5- 5	do	.6	.58	.....	.4
5-26	do	1.6	.94	.....	1.5
7- 7	do	2.7	1.10	.....	3.1
8-13	do	3.7	.94	.....	3.5
9-13	do	3.1	.77	.....	2.4
10-29	do	3.4	.79	.....	2.7
<b>1927</b>					
2- 3	A. W. Hall	9.6	1.75	.....	16.8
3-25	A. E. Johnston	2.6	.88	.....	2.3
4-29	do	11.2	1.20	.....	13.7
5-25	do	8.6	.64	.....	5.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

COTTONWOOD CREEK, LITTLE  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
6-23	A. W. Hall	11.5	1.01	.....	11.6
8- 1	do	8.0	.71	.....	5.7
8- 2	do	2.0	.43	.....	4.3
8-31	do	6.5	.52	.....	3.4
9-21	do	5.0	.66	.....	3.3
11- 3	do	9.3	.43	.....	4.0
11-22	do	8.9	.66	.....	5.9
12-20	do	4.4	1.34	.....	5.9
<b>1928</b>					
1-16	A. E. Johnston	5.4	1.26	.....	6.8
2- 7	do	5.6	.87	.....	4.9
3-28	A. W. Hall	7.1	.79	.....	5.6
4- 3	A. E. Johnston	8.2	.67	.....	5.5
5- 3	do	10.7	1.00	.....	10.7
6-27	A. W. Hall	56.2	1.32	.....	74.4
7- 3	A. E. Johnston	8.0	.40	.....	3.2
8-17	do	.3	1.00	.....	.3
9-28	do	.....	.....	.....	†.5
10-25	do	5.2	.64	.....	3.3
12-21	do	5.1	.63	.....	3.2

COTTONWOOD CREEK, LITTLE  
Sec. 8, Twp. 32, Rge. 52 W.

<b>1921</b>					
11- 3	Palmer and Heywood	1.1	1.02	.....	1.1
<b>1922</b>					
1-23	Palmer and Heywood	2.1	0.85	.....	1.8
2-13	T. C. Palmer	3.1	.81	.....	2.5
<b>1923</b>					
5- 4	A. E. Johnston	1.3	1.05	.....	1.3
6-29	Ketcham and Heywood	2.6	1.08	.....	2.8
8-18	A. H. Atkins	4.1	.76	.....	3.1
7-19	do	.2	.04	.....	.0
8- 6	E. F. Ketcham	3.1	1.45	.....	4.5
9-14	A. H. Atkins	2.1	.58	.....	1.2
10-26	do	4.4	1.43	.....	6.3
<b>1924</b>					
5-14	A. E. Johnston	3.1	0.99	.....	3.8
7-12	do	.....	.....	.....	.0
8- 5	J. D. Heywood	.....	.....	.....	†.1
11- 5	A. E. Johnston	1.7	.56	.....	.9
<b>1926</b>					
4-13	A. E. Johnston	0.8	0.52	.....	0.4
<b>1927</b>					
6-22	A. E. Johnston	2.7	2.33	.....	6.3

† Estimated.

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

COTTONWOOD CREEK, LITTLE  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5- 3	A. E. Johnston	3.3	1.42	.....	4.7
8-16	do	1.0	1.10	.....	1.1
9-27	do	.7	1.27	.....	.9

COTTONWOOD CREEK, LITTLE  
Sec. 6, Twp. 1, Rge. 15 W.

1928					
3-22	A. E. Johnston	3.6	1.55	.....	5.6
3-17	do	3.3	1.48	.....	4.9
6-22	do	4.0	1.52	.....	6.1

DEAD HORSE CREEK  
Sec. 32, Twp. 33, Rge. 49 W.

1923					
9- 7	A. E. Johnston	3.4	0.33	.....	1.14

1925					
5- 1	A. E. Johnston	0.5	0.46	.....	.23

1926					
3-23	A. E. Johnston	4.9	0.34	.....	1.7
4-14	do	6.0	.58	.....	3.5
5- 5	do	5.1	.73	.....	3.7
5-26	do	4.6	.83	.....	3.7
7- 7	do	6.4	.27	.....	1.6

1927					
2- 3	A. W. Hall	5.8	0.80	.....	4.6
4-29	A. E. Johnston	14.6	.35	.....	5.2
5-25	do	12.1	.63	.....	6.4
8- 1	do	5.3	.47	.....	2.5
9-21	do	5.4	.34	.....	1.7
11- 3	do	8.2	.34	.....	2.8
11-22	do	11.2	.37	.....	4.2

1928					
4- 2	A. E. Johnston	6.7	0.69	.....	4.6
7- 3	do	2.6	.54	.....	1.4
8-17	do	3.6	.50	.....	1.8
9-28	do	2.3	.39	.....	.9
10-25	do	6.3	.21	.....	1.3

DEADMAN CREEK  
Sec. 18, Twp. 30, Rge. 52 W.  
(Old Phillip's Dam)

1921					
3-19	Palmer and Heywood	0.8	1.99	.....	1.5

(Old Linderman Ditch)

3-19	Palmer and Heywood	0.9	2.67	.....	2.4
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(At Mouth)

1924					
10-10	J. D. Heywood	.....	.....	.....	1.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

DEEP CREEK  
Sec. 23, Twp. 31, Rge. 53 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1921					
3-17	Palmer and Heywood	1.7	0.73	.....	1.3
1922					
2-13	Palmer and Heywood	1.3	0.70	.....	0.9
1927					
8-31	A. E. Johnston	0.6	1.66	.....	1.0

DEER CREEK  
Sec. 22, Twp. 4, Rge. 24 W.

1925					
3-19	A. E. Johnston	1.8	1.12	.....	2.0
5- 2	C. E. Franklin	1.8	1.23	.....	2.3
6-12	do	214.0	2.86	.....	614.2
8- 9	do	.....	.....	.....	.0
8-21	do	9.7	1.60	.....	15.4
9-21	do	.....	.....	.....	0.0
1926					
3- 5	C. E. Franklin	0.6	0.61	.....	0.4

DE GRAW SEEP  
Sec. 14, Twp. 20, Rge. 51 W.

1922					
11- 2	A. E. Johnston	0.70	0.85	.....	0.6
11-15	do	.64	.72	.....	.4
12- 9	do	.57	.49	.....	.2
12-14	do	.47	.46	.....	.2
12-26	do	.52	.69	.....	.3
1923					
1-22	A. E. Johnston	0.50	0.46	.....	0.2
2- 3	do	.....	.....	.....	.0

DRIFT WOOD CREEK  
Sec. 12, Twp. 2, Rge. 30 W.

1923					
9-18	A. E. Johnston	34.4	0.68	.....	23.7
1925					
5-23	C. E. Franklin	1.5	1.40	.....	2.1
6-11	do	3.9	.54	.....	2.1
8- 9	do	3.7	.61	.....	2.3
8-22	do	10.2	1.18	.....	12.0
9- 4	do	1.3	.82	.....	1.0
9-19	do	.6	.85	.....	.5
1926					
2-16	A. E. Johnston	1.1	0.45	.....	0.5
3- 4	C. E. Franklin	.....	.....	.....	.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## DRY CREEK

Sec. 20, Twp. 34, Rge. 37 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
8-17	A. H. Atkins	5.1	1.53	.....	7.8
<b>1928</b>					
7- 6	A. E. Johnston	4.2	1.16	.....	4.9
10- 1	do	1.1	.79	.....	1.1

## DUGOUT CREEK, UPPER

Sec. 21, Twp. 20, Rge. 50 W.

<b>1926</b>					
7-20	A. W. Hall	13.3	2.30	1.50	30.6
8-23	do	4.8	1.66	1.10	8.0
9- 1	do	1.5	.65	.00	1.0
10-15	do	1.2	1.25	.10	1.5
11-15	do	.7	1.00	.30	.7
<b>1927</b>					
2- 9	A. W. Hall	.....	.....	.....	†0.5
5-18	do	.....	.....	.....	†.5
6-14	do	12.6	1.88	1.60	23.7
8-10	do	2.2	1.45	.25	3.2
9-10	do	7.7	1.65	.70	12.7
10-21	C. E. Franklin	2.2	1.27	.....	2.8
11-16	A. W. Hall	.....	.....	.....	†.5
<b>1928</b>					
5-22	A. W. Hall	14.4	2.04	.....	29.4
7- 2	do	3.3	1.54	.....	5.1
7-18	do	9.5	2.06	.....	19.6
9-12	do	3.4	.85	.....	2.5
10-18	do	2.7	2.00	.....	5.4
11-12	C. E. Franklin	4.2	1.33	.....	5.6
11-24	do	4.4	.95	.....	4.2
12- 8	do	4.0	1.62	.....	6.5
12-24	do	5.9	.97	.....	5.7

## DUGOUT CREEK, LOWER

Sec. 4, Twp. 19, Rge. 48 W.

<b>1922</b>					
3-24	T. C. Palmer	1.5	1.37	.....	1.9
7-13	A. H. Atkins	.4	1.50	.....	.6
7-17	A. E. Johnston	1.5	.67	.....	1.0
8- 1	do	1.2	.58	.....	.7
8-16	do	.7	.71	.....	.5
<b>1923</b>					
9- 1	A. E. Johnston	0.9	0.12	.....	1.1
<b>1924</b>					
7-26	A. E. Johnston	0.5	0.90	.....	0.4

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

DUGOUT CREEK, LOWER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
4- 6	A. E. Johnston	0.6	1.66	.....	1.1
5-21	do	.5	1.15	.....	.6
6-23	do	.8	1.75	.....	1.4
8-24	do	.9	1.67	.....	1.4
<b>1926</b>					
7- 1	A. E. Johnston	0.3	0.67	.....	0.2
7-27	do	.4	.80	.....	.3
<b>1927</b>					
4- 4	A. E. Johnston	0.9	1.78	.....	1.6
6-17	do	.9	1.01	.....	1.0
6-25	do	.8	2.00	.....	1.6
<b>1928</b>					
1-19	A. E. Johnston	2.0	1.10	.....	2.2
2- 4	do	2.0	1.30	.....	2.6
3- 1	do	2.8	1.02	.....	2.9
3- 5	do	1.1	1.36	.....	1.5
3-31	do	1.9	1.31	.....	2.5
6- 4	do	1.6	1.19	.....	1.9
7-23	do	1.1	1.73	.....	1.9
8-13	do	.4	1.00	.....	.4
9- 7	do	.6	1.00	.....	.6

## EAGLE CREEK

Sec. 24, Twp. 32, Rge. 12 W.

<b>1927</b>					
11- 8	A. E. Johnston	24.0	1.81	.....	44.0

## ELK CREEK

Sec. 23, Twp. 4, Rge. 23 W.

<b>1923</b>					
6-20	A. E. Johnston	3.7	0.99	.....	3.6
8- 6	do	226.4	3.37	.....	166.9
9-17	do	10.7	1.76	.....	18.9
<b>1926</b>					
2-16	A. E. Johnston	0.8	0.38	.....	0.3

## ELKHORN RIVER

Near Arlington, Sec. 13, Twp. 17, Rge. 9 E.

<b>1914</b>					
10- 4	D. P. Weeks, Jr.	184.0	1.69	2.09	310.0
10-31	do	221.0	1.94	2.30	429.0
<b>1915</b>					
6- 1	D. P. Weeks, Jr.	1600.0	2.55	5.15	4080.0
6-30	do	507.0	3.92	3.74	1990.0
8- 5	do	550.0	4.60	4.02	2540.0
9- 4	do	500.0	3.16	3.94	1580.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## ELKHORN RIVER

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
2-21	A. E. Johnston	368.0	2.70	.....	995.0
3-17	do	562.0	2.20	3.95	1237.0
4-13	do	415.0	2.24	.....	931.0
5-12	do	318.0	2.28	3.55	726.0
6-19	do	63.0	2.88	3.60	1825.0
7-13	do	318.0	2.00	3.15	638.0
8- 2	do	242.0	1.91	3.00	463.0
10- 9	do	199.0	1.69	1.80	336.0
11-16	do	356.0	2.25	3.65	803.0
12-13	do	.....	.....	4.05	Ice.

## ELKHORN RIVER

Sec. 12, Twp. 23, Rge. 4 E.

<b>1923</b>					
6-30	A. H. Atkins	409.0	1.85	.....	760.0
7-18	E. F. Ketcham	324.0	1.97	.....	642.0
8- 3	A. H. Atkins	286.0	1.74	.....	499.0

## ELKHORN RIVER

Sec. 8, Twp. 19, Rge. 8 E.

<b>1923</b>					
7- 2	A. H. Atkins	359.0	2.23	.....	801.0
7-18	E. F. Ketcham	432.0	1.89	.....	818.0
8- 4	A. H. Atkins	259.0	2.13	.....	553.0

## ELKHORN RIVER

Sec. 34, Twp. 24, Rge. 1 W.

<b>1923</b>					
8-18	A. E. Johnston	331.0	2.39	.....	792.9

## ELKHORN RIVER

Sec. 12, Twp. 24, Rge. 6 W.

<b>1923</b>					
7-16	E. F. Ketcham	175.0	1.98	.....	348.0

## ELKHORN RIVER

Sec. 34, Twp. 27, Rge. 9 W.

<b>1928</b>					
4- 7	A. E. Johnston	73.2	1.41	.....	103.2
5- 9	do	75.4	1.50	.....	112.7
7-10	do	34.2	1.30	.....	44.4
10- 4	do	34.6	.63	.....	21.9

## ELKHORN RIVER

Sec. 31, Twp. 29, Rge. 11 W.

<b>1927</b>					
11- 8	A. E. Johnston	23.0	2.11	.....	48.0

## ELKHORN RIVER

Sec. 34, Twp. 22, Rge. 6 E.

<b>1923</b>					
8-18	A. E. Johnston	727.0	2.40	.....	1751.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## ELKHORN RIVER

Sec. 20, Twp. 25, Rge. 6 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
6-30	A. H. Atkins	136.0	1.75	.....	236.8
8-3	do	121.2	1.70	.....	207.2
8-19	A. E. Johnston	444.8	2.02	.....	901.5
<b>1926</b>					
3-6	A. E. Johnston	160.0	1.92	.....	307.0
3-29	do	143.0	1.60	.....	230.0
4-17	do	103.0	2.16	.....	222.0
5-11	do	111.0	2.65	.....	259.0
6-2	do	101.0	1.58	.....	160.0
7-12	do	67.0	1.76	.....	118.0
9-17	do	131.0	2.10	.....	276.0
<b>1927</b>					
6-2	A. E. Johnston	258.0	2.16	.....	539.5
9-6	do	231.0	2.49	.....	576.5
9-26	do	115.0	1.98	.....	228.0
11-9	do	113.0	2.10	.....	237.0
<b>1928</b>					
2-14	A. E. Johnston	198.0	2.42	.....	479.0
4-9	do	123.0	2.25	.....	278.0
5-10	do	145.0	1.91	.....	276.0
7-11	do	81.0	2.10	.....	170.0
10-5	do	58.0	1.73	.....	100.0

## ELKHORN RIVER

Sec. 10, Twp. 16, Rge. 10 E.

<b>1925</b>					
10-5	A. E. Johnston	369.0	2.25	.....	830.0

## ELKHORN RIVER, NORTH FORK

Sec. 26, Twp. 24, Rge. 1 W.

<b>1923</b>					
6-30	A. H. Atkins	81.0	1.73	.....	141.0
7-14	E. F. Ketcham	141.0	.86	.....	122.0
8-3	A. H. Atkins	37.0	2.70	.....	99.0
8-18	A. E. Johnston	213.0	2.86	.....	611.0

## ELKHORN RIVER, SOUTH BRANCH

Sec. 3, Twp. 26, Rge. 9 W.

<b>1928</b>					
4-7	A. E. Johnston	23.0	1.94	.....	45.0
5-9	do	24.0	1.53	.....	37.0
7-10	do	19.0	1.55	.....	30.0
10-3	do	24.0	1.16	.....	27.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## ELM CREEK

Sec. 33, Twp. 9, Rge. 18 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
8-6	C. G. Hrubesky	.....	.....	.....	0.0
8-21	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
<b>1926</b>					
2-12	A. E. Johnston	.....	.....	.....	0.0
<b>1927</b>					
3-22	A. W. Hall	1.1	0.75	.....	0.8
4-15	A. E. Johnston	49.1	2.16	.....	106.2
10-3	do	50.5	1.28	.....	64.7
<b>1928</b>					
3-10	A. E. Johnston	8.1	0.61	.....	5.0
4-20	do	26.4	1.46	.....	28.6

## FAIRFIELD SEEP

Sec. 18, Twp. 22, Rge. 53 W.

<b>1919</b>					
5-21	T. C. Palmer	1.6	1.39	.....	2.3
<b>1921</b>					
1-11	T. C. Palmer	3.3	2.12	.....	7.1
2-3	do	4.4	1.79	.....	7.8
2-18	do	6.4	1.80	.....	11.6
3-7	do	4.0	1.37	.....	5.5
4-11	do	2.4	1.39	.....	3.3
4-28	do	4.2	1.22	.....	5.1
5-10	do	6.4	1.25	.....	7.9
6-20	do	5.6	2.13	.....	11.9
7-5	do	6.9	2.12	.....	14.7
8-18	do	6.9	2.08	.....	14.3
8-29	do	4.4	1.85	.....	8.1
9-26	do	5.9	1.32	.....	7.8
10-5	do	5.1	1.34	.....	6.8
10-26	do	3.6	1.85	.....	6.7
11-7	do	3.8	1.84	.....	7.1
11-29	do	3.8	1.80	.....	6.8
12-19	do	3.6	2.03	.....	7.3
<b>1922</b>					
1-9	T. C. Palmer	3.6	1.79	.....	6.4
2-6	do	3.7	1.25	.....	4.6
3-6	do	4.7	1.39	.....	6.5
3-23	do	2.8	1.97	.....	5.6
4-5	do	3.6	1.70	.....	6.6
5-5	do	3.6	2.00	.....	7.2
5-25	do	2.9	1.86	.....	5.4
6-8	do	5.9	1.69	.....	10.0
7-15	do	4.9	1.91	.....	9.4
7-22	do	3.2	1.90	.....	6.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FAIRFIELD SEEP  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
8-25	T. C. Palmer	3.6	1.86	.....	6.7
9- 1	do	3.6	1.80	.....	6.5
9-14	Palmer and Easterday	7.0	1.30	.....	9.1
9-28	T. C. Palmer	5.3	2.00	.....	10.6
12-26	A. E. Johnston	.....	.....	.....	2.6
<b>1923</b>					
1-23	A. E. Johnston	2.5	1.08	.....	2.7
2-14	do	2.4	1.97	.....	4.7
3- 7	do	2.3	.97	.....	2.2
4- 3	do	2.7	1.22	.....	3.3
4-28	do	4.2	1.40	.....	5.9
5-12	Ketcham and Johnston	2.4	1.73	.....	4.2
6-18	E. F. Ketcham	4.6	1.45	.....	6.7
7-11	A. E. Johnston	2.9	1.90	0.65	5.5
7-25	do	2.8	1.15	.50	3.2
8-18	E. F. Ketcham	4.8	1.58	.60	7.6
8-28	A. E. Johnston	4.0	1.17	.....	4.7
10- 3	do	6.6	1.58	.70	10.5
10-27	do	5.9	1.31	.65	7.7
11-17	do	4.1	1.27	.50	5.2
12-11	Johnston and Hall	6.0	.94	.....	5.7
<b>1924</b>					
1-14	A. E. Johnston	3.1	1.29	.....	4.0
1-28	do	5.2	1.21	.....	6.3
2-13	do	2.2	1.43	.....	3.2
3-18	do	2.4	1.25	.....	3.0
4- 9	do	2.4	1.20	.....	2.9
4-16	do	4.7	1.15	.....	5.4
5- 6	do	2.3	1.57	.....	3.6
6-11	do	5.2	1.38	.....	7.2
7-10	do	7.8	1.26	.....	9.9
7-25	C. G. Hrubesky	7.3	1.03	0.90	7.6
8- 9	do	8.2	1.52	.58	12.7
9- 4	do	11.1	1.24	.70	13.7
9-19	A. E. Johnston	10.1	1.43	.....	14.4
10-16	do	4.7	1.30	.....	6.1
10-28	do	4.2	1.64	.65	6.9
11-19	do	4.5	1.46	.....	6.6
12-17	do	5.9	1.24	.....	7.3
<b>1925</b>					
1- 7	A. E. Johnston	4.2	1.07	.....	4.5
2- 2	do	4.0	1.53	.....	6.1
3- 2	do	4.4	1.54	.....	6.8
?-31	do	3.7	1.51	.....	5.6
4-20	Johnston and Franklin	2.7	1.07	0.40	2.9
5- 5	A. W. Hall	3.8	.64	.....	2.5
5-19	do	4.6	1.20	.....	5.5
6- 4	do	4.6	1.20	.....	6.5
6-18	do	4.5	2.04	.....	9.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## FAIRFIELD SEEP

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6-30	A. W. Hall	5.3	1.06	.....	5.6
7-30	do	5.6	1.41	.....	7.9
9- 1	do	6.2	1.53	.....	9.5
9-28	A. E. Johnston	3.9	1.46	.80	5.7
10-23	do	2.2	1.20	.....	2.6
12- 1	do	2.9	1.10	.....	3.2
<b>1926</b>					
1-28	A. E. Johnston	4.5	1.06	.....	4.8
2-23	do	3.4	1.12	.....	3.8
4- 9	A. W. Hall	2.7	1.15	.....	3.1
5- 6	do	2.1	1.52	.....	3.2
5-18	do	.7	1.28	.....	.9
6- 4	do	3.4	1.62	1.00	5.5
6-24	do	3.5	.87	.....	3.1
7-10	do	6.2	2.66	.....	16.5
7-23	do	1.8	2.22	.....	4.0
8-14	do	4.4	3.12	.....	13.7
9-16	do	2.8	1.96	.....	5.5
10- 4	A. E. Johnston	7.9	.95	.....	7.3
10-21	A. W. Hall	1.4	1.57	.....	2.2
<b>1927</b>					
1- 5	A. W. Hall	2.8	2.06	.....	5.8
2-22	do	2.1	2.95	.....	6.9
3-10	do	2.8	3.00	.....	8.4
4- 1	A. E. Johnston	16.7	1.60	1.30	26.8
4-22	do	14.1	2.42	1.30	34.2
4-27	do	9.5	1.45	.85	13.8
5-11	A. W. Hall	5.7	1.40	.....	8.0
5-24	do	3.1	1.13	.....	3.5
6-15	do	.....	.....	.....	4.2
7- 9	do	2.9	1.31	.....	3.8
8- 2	do	6.8	2.00	.....	13.6
8-24	do	.....	.....	.....	8.1
10-19	C. E. Franklin	2.7	.89	.....	2.4
11-22	A. W. Hall	.....	.....	.....	2.6
12- 5	do	3.1	.48	.....	1.5
<b>1928</b>					
1-13	C. E. Franklin	2.6	1.38	.....	3.6
2- 9	A. W. Hall	2.7	1.41	.....	3.8
3-17	do	2.1	1.28	.....	2.7
3-19	do	.....	.....	.....	9.2
4- 5	do	2.5	1.55	.....	3.9
4-18	do	1.3	1.23	.....	1.6
5- 1	do	1.0	.90	.....	.9
6- 6	do	4.7	1.85	.....	8.7
8- 6	do	3.1	1.98	.....	6.0
8-24	do	3.0	1.23	.....	3.7
10-17	do	4.2	1.05	.....	4.4
11-14	C. E. Franklin	1.9	.94	.....	1.8
11-25	do	3.0	1.23	.....	3.7
12- 3	do	6.2	.71	.....	4.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FANNING SEEP  
Sec. 28, Twp. 23, Rge. 56 W.

Day	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
8- 9	T. C. Palmer	9.7	1.00	.....	9.7
9-23	do	5.5	1.04	.....	5.8
10- 8	do	5.2	1.20	.....	6.3
11- 6	do	4.0	1.07	.....	4.3
<b>1923</b>					
12-13	Johnston and Hall	10.0	1.00	.....	10.0
<b>1924</b>					
1-16	A. E. Johnston	3.7	0.96	.....	3.6
1-30	do	4.2	.90	.....	3.8
2-16	do	2.4	.88	.....	2.1
3-20	do	1.9	1.34	.....	2.6
7-26	C. G. Hrubesky	.8	.52	.....	4.2
8-11	do	7.3	.69	.....	5.0
9- 5	do	7.4	.69	.....	5.1
10-15	A. E. Johnston	3.1	1.06	.....	3.3
10-30	do	2.6	1.27	.....	3.3
<b>1925</b>					
4-21	Johnston and Franklin	2.5	1.64	.....	4.1
6- 5	A. W. Hall	10.4	.43	.....	4.5
6-10	do	7.7	.38	.....	2.9
7- 1	do	3.7	1.44	.....	5.4
7-22	do	4.7	1.00	.....	4.7
7-31	do	2.9	1.07	.....	3.2
9- 3	do	2.9	1.07	.....	4.4
<b>1926</b>					
2- 5	A. E. Johnston	7.9	1.14	.....	9.0
2-25	do	3.3	1.70	.....	5.6
3-18	A. W. Hall	4.4	1.82	.....	8.1
4- 8	do	4.5	1.78	.....	8.0
5- 5	do	3.6	1.39	1.60	5.0
5-19	do	3.5	1.34	1.80	4.6
6- 3	do	4.0	2.46	2.00	9.9
7- 8	do	4.9	1.33	2.00	6.5
7-21	do	4.7	1.68	.....	7.9
8-13	do	5.5	3.52	.....	19.5
8-26	do	.....	.....	.....	9.2
9-14	do	3.8	1.74	.....	6.7
10- 5	A. E. Johnston	4.2	1.98	.....	8.3
10-26	A. W. Hall	3.6	2.14	.....	7.7
11-29	do	5.3	2.02	.....	10.7
<b>1927</b>					
1- 6	A. W. Hall	3.3	1.54	.....	5.1
1-26	do	4.8	1.75	.....	8.5
2-23	do	4.8	2.54	.....	12.3
3-10	do	3.5	2.25	1.80	7.9



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## FANNING SEEP

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-29	A. E. Johnston	3.7	1.54	.40	5.9
5-25	A. W. Hall	3.5	2.93	.....	10.4
6- 7	do	3.2	2.00	.....	6.4
7- 7	do	5.3	1.76	.....	9.3
8- 3	do	21.7	.97	.....	21.0
8-25	do	.....	.....	.....	13.5
10-18	C. E. Franklin	4.8	2.10	.....	10.1
11- 8	A. W. Hall	5.5	2.54	.....	15.0
11-22	do	.....	.....	.....	6.8
<b>1928</b>					
2-11	A. W. Hall	4.1	2.26	.....	9.3
3-19	do	4.8	1.91	.....	9.2
4- 7	do	4.6	1.67	.....	7.7
4-18	do	4.4	1.74	.....	7.7
5-18	do	4.4	2.54	.....	11.2
8-15	do	5.3	1.63	.....	8.6
10-16	do	6.2	2.41	.....	15.0
11-15	C. E. Franklin	4.3	1.95	.....	8.4
11-27	do	4.0	1.92	.....	7.7
12- 7	do	6.6	1.77	.....	11.7

## FARMERS CREEK

Sec. 5, Twp. 1, Rge. 12 W.

<b>1926</b>					
3-12	A. E. Johnston	2.4	1.16	.....	2.8
6- 8	do	1.1	.29	.....	.3
10-16	do	2.2	.82	.....	1.8
<b>1927</b>					
5-17	A. E. Johnston	5.0	0.48	.....	2.4
6- 6	do	2.6	.65	.....	1.7
7-11	do	.7	.79	.....	.6
8-17	do	1.9	1.37	.....	2.6
10-25	do	1.4	1.50	.....	2.1
12- 6	do	2.9	1.44	.....	4.2
<b>1928</b>					
3-21	A. E. Johnston	3.2	1.34	.....	4.3
5-17	do	2.2	1.41	.....	3.1
6-22	do	3.6	1.31	.....	4.7

## FAWCUS SPRINGS

Sec. 19, Twp. 20, Rge. 51 W.  
200 feet above Belmont Canal

<b>1921</b>					
1-14	T. C. Palmer	2.4	0.42	.....	1.5

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
 Sec. 10, Twp. 6, Rge. 41 W.  
 Above Maranville Reservoir

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1-26	T. C. Palmer	3.2	1.22	.....	3.9
2-21	do	5.3	1.04	.....	5.5
<b>1925</b>					
6-23	C. E. Franklin	7.0	0.46	.....	3.2
7-12	do	3.0	.76	.....	2.5
7-14	Franklin and Whitehead	4.0	.76	.....	3.0
7-15	do	4.0	.73	.....	3.0
7-23	do	3.0	.52	.....	1.6
7-25	C. E. Franklin	3.6	.74	.....	2.6
7-26	do	3.5	.74	.....	2.6
8- 6	do	4.1	.88	.....	3.6
8-19	do	8.7	.96	.....	8.3
9- 2	do	3.7	1.05	.....	3.9
9-17	do	4.1	.85	.....	3.5
<b>1926</b>					
1-12	A. E. Johnston	5.8	1.25	.....	7.3
3- 2	C. E. Franklin	3.2	1.31	.....	4.2
3-18	do	3.7	1.08	.....	3.9
3-31	do	3.5	1.08	.....	3.8
4-16	do	3.6	1.03	.....	3.7
4-29	do	3.1	1.00	.....	3.1
5-14	do	3.1	1.31	.....	3.9
5-31	do	2.9	1.25	.....	3.6
6-14	do	3.1	1.06	.....	3.3
6-15	do	3.7	.96	.....	3.5
6-26	do	3.3	1.24	.....	4.1
7-13	do	3.8	1.09	.....	4.1
8- 7	do	3.5	.81	.....	2.8
8-23	do	4.6	.74	.....	3.4
10-13	do	4.5	.99	.....	4.4
11- 4	do	4.1	1.00	.....	4.1
<b>1927</b>					
2-15	A. W. Hall	3.8	1.00	.....	3.8
3-30	C. E. Franklin	6.4	.89	.....	5.7
4-18	do	7.6	1.00	.....	7.6
4-29	do	5.0	1.45	.....	2.9
5-14	do	6.8	.76	.....	5.2
5-27	do	5.2	.85	.....	4.4
6-28	do	4.6	.74	.....	3.4
7- 8	do	5.8	.77	.....	4.5
7-22	do	5.8	.67	.....	3.9
8- 6	do	5.0	.66	.....	3.3
8-20	do	4.8	.65	.....	3.1
9- 4	do	8.0	2.10	.....	3.8
9-30	do	6.6	.52	.....	3.4
11- 3	do	7.2	.67	.....	4.8
11-27	do	5.5	.87	.....	4.8
12-20	do	5.9	.61	.....	3.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## FRENCHMAN RIVER

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-21	C. E. Franklin	6.2	0.82	.....	5.1
2-14	do	6.0	.68	.....	4.1
3- 5	do	5.2	.59	.....	3.2
3-21	do	6.7	.70	.....	4.7
4- 9	do	5.0	.62	.....	2.6
5-17	do	7.6	.51	.....	3.9
6-20	do	30.0	.75	.....	22.6
7-12	do	6.5	.72	.....	4.7
7-26	do	15.3	.48	.....	7.4
8-14	do	6.6	.79	.....	5.2
9- 7	do	8.0	.52	.....	4.2
9-19	do	7.8	.32	.....	2.5
9-30	do	8.4	.53	.....	4.4
10-18	do	6.8	.56	.....	3.8
11- 5	do	7.5	.21	.....	1.6
11-21	do	7.4	.54	.....	4.0
12-19	do	7.0	.50	.....	3.5

## FRENCHMAN RIVER

Sec. 13, Twp. 6, Rge. 41 W.

Below Maranville Dam

<b>1919</b>					
7-14	Palmer and Bailey	4.3	0.72	.....	3.1
<b>1921</b>					
5-17	T. C. Palmer	7.0	0.85	.....	6.0
<b>1922</b>					
1-26	T. C. Palmer	4.9	1.72	.....	8.6
2-21	do	5.6	1.83	.....	10.2
<b>1923</b>					
1- 5	A. E. Johnston	11.2	0.98	.....	11.0
2- 6	do	8.7	.83	.....	7.2
2-24	do	9.3	1.02	.....	9.5
3-22	do	11.8	1.16	.....	13.9
4-17	do	9.4	.99	.....	9.3
6- 6	do	9.5	1.31	.....	12.5
6-11	E. F. Ketcham	7.5	1.83	.....	13.8
6-23	A. E. Johnston	12.5	1.22	.....	15.4
7-17	do	6.9	1.32	.....	9.1
8- 3	do	6.0	1.44	.....	8.7
8-25	E. F. Ketcham	.....	.....	.....	†2
9-20	A. E. Johnston	2.0	.99	.....	1.8
10-11	do	3.2	1.50	.....	5.0
12- 4	do	7.6	1.24	.....	9.4
<b>1924</b>					
2- 5	A. E. Johnston	8.8	1.09	.....	9.6
2-26	do	6.0	1.25	.....	7.5
4- 3	do	6.0	1.03	.....	6.2

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
4-30	A. E. Johnston	4.3	1.10	.....	4.7
6- 2	do	2.2	.72	.....	1.6
6-27	do	2.0	.63	.....	1.2
8- 6	do	1.6	.69	.....	1.1
9- 4	do	1.7	.60	.....	1.0
<b>1925</b>					
1-20	A. E. Johnston	5.7	1.54	.....	8.8
2-16	do	12.1	1.68	.....	20.3
3-21	do	6.6	1.57	.....	10.4
4-16	do	9.9	1.36	.....	13.5
6- 8	C. E. Franklin	5.6	1.09	.....	6.1
7-14	do	.2	.50	.....	.1
7-23	do	.2	.67	.....	.1
7-23	Franklin and Whitehead	2.2	1.35	.....	2.9
7-26	C. E. Franklin	2.3	1.61	.....	3.7
7-28	Franklin and Whitehead	2.2	2.13	.....	4.7
8- 6	C. E. Franklin	.3	.31	.....	.1
8-19	do	.3	1.39	.....	.4
9- 2	do	.8	.27	.....	.2
9-17	do	.6	.19	.....	.1
10-14	A. E. Johnston	10.0	1.47	.....	14.8
11-17	do	7.6	1.36	.....	10.3
<b>1926</b>					
1-12	A. E. Johnston	2.8	2.80	.....	7.8
2-17	do	2.1	2.04	.....	4.3
3- 2	C. E. Franklin	2.8	2.00	.....	5.6
3-18	do	2.5	2.09	.....	5.2
3-31	do	1.9	1.84	.....	3.5
4-16	do	2.3	1.92	.....	4.4
4-29	do	.2	1.30	.....	.3
5-14	do	.1	1.13	.....	.1
5-31	do	.4	.80	.....	.3
6-14	do	.2	.70	.....	.1
6-26	do	.4	.87	.....	.4
7-13	do	.....	.....	.....	†.3
8- 7	do	.....	.....	.....	†.2
8-23	do	.....	.....	.....	†.3
10-13	A. E. Johnston	2.0	1.85	.....	3.7
11- 4	do	1.6	1.31	.....	2.1
<b>1927</b>					
2-15	A. W. Hall	1.7	2.47	.....	4.2
3-30	C. E. Franklin	3.0	2.00	.....	6.2
4-18	do	3.2	2.58	.....	8.3
4-29	do	2.0	.84	.....	1.7
5-14	do	.....	.....	.....	†.2
5-29	do	.....	.....	.....	†.3

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Diseberg- Sec. -Ft.
<b>1927</b>					
6-28	C. E. Franklin	.....	.....	.....	†.5
7- 8	do	.....	.....	.....	†.5
7-22	do	.....	.....	.....	1.5
8- 6	do	.....	.....	.....	†.5
8-20	do	.....	.....	.....	†.5
9- 4	do	.....	.....	.....	†.5
9-30	do	3.0	2.00	.....	6.0
11- 3	do	2.5	1.56	.....	3.9
11-27	do	2.4	2.16	.....	5.2
12-20	do	2.7	2.00	.....	5.4
<b>1928</b>					
1-21	C. E. Franklin	2.6	2.22	.....	5.9
2-14	do	2.4	1.12	.....	2.7
3- 5	do	3.2	1.59	.....	5.1
3-21	do	4.2	1.40	.....	5.9
4- 9	do	2.6	2.11	.....	5.5
5-17	do	.....	.....	.....	†.5
6-29	do	9.0	2.21	.....	19.9
7-12	do	.....	.....	.....	.0
7-24	do	Flood	.....	.....	†1400.0
7-26	do	11.2	1.64	.....	18.5
8-14	do	.....	.....	.....	†.6
9- 7	do	1.4	1.06	.....	1.5
9-19	do	1.2	.83	.....	1.0
9-30	do	1.8	.61	.....	1.1
10-18	do	5.6	1.39	.....	7.8
11- 5	do	7.2	1.84	.....	13.2
11-21	do	4.2	1.00	.....	4.2
12-19	do	5.2	.96	.....	5.0

FRENCHMAN RIVER  
Sec. 17, Twp. 6, Rge. 40 W.  
Below Inman Diversion

<b>1923</b>					
1- 5	A. E. Johnston	8.1	2.06	.....	16.8
2- 6	do	8.5	2.22	.....	19.7
2-24	do	10.5	2.06	.....	21.7
3-22	do	11.0	2.26	.....	24.9
4-17	do	6.3	1.54	.....	9.7
6-23	do	5.1	.80	.....	4.0
7-17	do	3.7	.93	.....	3.5
8- 3	do	7.6	1.37	.....	10.4
9-20	do	7.7	1.23	.....	9.5
10-11	do	10.9	1.93	.....	21.1
12- 4	do	9.2	1.72	.....	15.8

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-FT.
<b>1924</b>					
2- 5	A. E. Johnston	11.0	1.09	.....	12.0
2-26	do	11.9	1.29	.....	15.4
4- 3	do	13.7	1.52	.....	20.9
4-30	do	5.9	1.20	.....	7.1
6- 2	do	10.7	1.43	.....	15.4
6-27	do	3.8	.75	.....	2.9
8- 6	do	5.6	1.53	.....	8.6
9- 4	do	5.6	1.25	.....	7.0
<b>1925</b>					
1-20	A. E. Johnston	12.0	1.88	.....	23.0
2-16	do	20.0	2.05	.....	41.0
3-21	do	12.0	1.72	.....	20.0
4-16	do	8.0	1.50	.....	12.0
6- 8	C. E. Franklin	13.0	1.85	.....	24.0
6-23	do	2.0	.90	.....	2.0
7-12	do	8.0	.93	.....	7.0
7-14	Franklin and Whitehead	8.0	1.46	0.71	12.0
7-23	do	5.0	.84	.....	6.0
7-24	do	11.0	1.29	.....	14.0
7-26	do	10.0	1.36	.....	14.0
7-28	do	13.0	1.38	.....	18.0
8- 6	C. E. Franklin	7.0	1.24	.....	8.0
8-19	do	6.0	1.33	.....	7.0
9- 2	do	5.0	1.45	.....	7.0
9-17	do	6.0	1.43	.....	8.0
10-14	A. E. Johnston	9.0	1.61	.....	15.0
11-17	do	15.0	1.48	.....	22.0
<b>1926</b>					
10-13	A. E. Johnston	8.0	1.55	.....	13.0
<b>1927</b>					
3-30	C. E. Franklin	14.8	1.23	.....	18.2
4-18	do	19.8	1.07	.....	21.3
4-29	do	11.8	.92	.....	10.3
5-14	do	4.4	.95	.....	4.2
5-29	do	1.0	1.00	.....	1.0
6-28	do	4.8	.52	.....	2.5
7- 8	do	4.6	1.15	.....	5.3
7-22	do	4.3	.84	.....	3.6
8- 6	do	1.2	1.08	.....	1.3
8-20	do	4.6	1.49	.....	6.9
9- 4	do	8.4	1.18	.....	9.9
9-30	do	9.0	1.18	.....	10.6
11- 3	do	14.1	1.25	.....	17.6
11-27	do	15.6	1.07	.....	16.8
12-20	do	15.3	1.28	.....	19.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-21	C. E. Franklin	14.2	1.51	.....	21.4
2-14	do	11.6	1.25	.....	14.5
3- 5	do	12.2	1.24	.....	15.1
3-21	do	15.2	.96	.....	14.6
4- 9	do	5.4	.89	.....	4.8
5-17	do	8.6	1.23	.....	10.6
6-20	do	12.1	4.65	.....	56.5
7-12	do	12.5	1.11	.....	13.9
7-26	do	25.0	2.26	.....	56.4
8-14	do	10.6	1.46	.....	15.5
9- 7	do	10.4	1.65	.....	17.2
9-19	do	9.6	1.26	.....	12.1
9-30	do	7.8	1.81	.....	14.1
10-18	do	9.8	1.55	.....	15.2
11- 5	do	10.0	1.68	.....	16.9
11-21	do	12.4	1.31	.....	16.3
12-19	do	6.8	1.80	.....	12.2

FRENCHMAN RIVER  
Sec. 11, Twp. 6, Rge. 41 W.  
Below Artesian Wells

<b>1928</b>					
2-14	C. E. Franklin	5.4	0.70	.....	3.8
3- 5	do	5.0	.82	.....	4.1
3-21	do	5.2	.79	.....	4.1
4- 9	do	5.4	.61	.....	3.4
5-17	do	9.2	.90	.....	8.2

FRENCHMAN RIVER  
Secs. 17 and 18, Twp. 6, Rge. 40 W.

<b>1921</b>					
5-17	T. C. Palmer	11.0	1.45	.....	16.0
8-21	Palmer and Bailey	7.0	1.41	.....	10.0
<b>1922</b>					
1-26	T. C. Palmer	11.0	1.34	.....	15.0
2-21	do	12.0	1.40	.....	17.0
6-23	do	7.0	1.29	.....	8.0
7- 8	do	7.0	1.12	.....	8.0
8- 3	Palmer and Strong	8.0	1.35	.....	11.0
<b>1925</b>					
2-17	A. E. Johnston	15.4	1.91	.....	29.4
3- 2	C. E. Franklin	15.4	1.70	.....	26.2
3-18	do	11.7	1.61	.....	18.8
3-31	do	12.2	1.60	.....	19.5
4-16	do	5.3	1.45	.....	7.7
4-29	do	3.4	1.20	.....	4.0
3-14	do	7.7	1.65	.....	12.7
5-31	do	9.6	1.28	.....	12.4
6-14	do	8.6	1.40	.....	12.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
6-26	C. E. Franklin	5.6	1.25	.....	6.9
7-13	do	6.8	1.40	.....	9.7
7-23	do	8.0	1.29	.....	10.0
7-26	do	9.0	1.30	.....	12.0
8- 7	do	7.2	1.35	.....	9.7
8-23	do	4.2	1.19	.....	5.0
10-13	do	.....	.....	.....	13.0

## FRENCHMAN RIVER

Sec. 22, Twp. 6, Rge. 40 W.

Above Back Water of Champion Diversion Lake

1925					
6- 8	C. E. Franklin	15.0	1.79	.....	27.0
6-23	do	8.0	1.52	.....	12.0
7-23	Franklin and Whitehead	9.0	1.74	.....	16.0
7-26	C. E. Franklin	11.0	1.85	.....	20.0
8- 7	do	10.0	1.34	.....	13.0
8-19	do	9.0	1.63	.....	15.0
9- 2	do	9.0	1.70	.....	15.0
9-17	do	9.0	1.74	.....	16.0
1926					
1-12	A. E. Johnston	17.0	2.10	.....	35.6
3- 2	C. E. Franklin	15.6	1.69	.....	26.4
3-18	do	14.9	1.61	.....	23.9
3-31	do	15.0	1.51	.....	22.7
4-16	do	10.2	1.52	.....	15.5
4-30	do	8.0	1.41	.....	11.3
5-14	do	12.3	1.72	.....	21.2
5-31	do	11.2	1.55	.....	17.4
6-14	do	11.2	1.65	.....	18.5
6-26	do	8.4	1.76	.....	14.8
7-13	do	10.4	1.69	.....	17.7
8- 7	do	9.9	1.57	.....	15.6
8-23	do	8.7	1.52	.....	13.2
1927					
2-15	A. W. Hall	14.5	2.22	.....	32.2
3-30	C. E. Franklin	16.0	1.78	.....	28.5
4-18	do	16.6	1.95	.....	32.4
4-29	do	11.8	1.90	.....	22.5
5-14	do	7.8	1.56	.....	12.2
5-27	do	6.9	.89	.....	6.1
6-28	do	6.8	1.63	.....	11.1
7- 8	do	7.4	1.90	.....	14.1
7-22	do	7.4	1.57	.....	11.6
8- 6	do	5.6	1.68	.....	9.4
8-20	do	5.9	1.72	.....	10.2
9- 4	do	9.7	1.78	.....	17.3



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## FRENCHMAN RIVER

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
9-20	C. E. Franklin	10.6	1.68	.....	17.9
11- 3	do	12.2	2.02	.....	24.6
11-27	do	13.1	2.10	.....	27.5
12-20	do	12.6	1.99	.....	25.1
1928					
1-21	C. E. Franklin	11.2	1.93	.....	21.6
2-14	do	12.6	2.07	.....	26.2
3- 5	do	12.2	1.75	.....	21.4
3-21	do	12.4	1.85	.....	23.0
4- 9	do	7.2	1.75	.....	12.6
5-18	do	11.7	2.02	.....	23.7
6-20	do	99.0	1.17	.....	116.2
7-12	do	11.8	2.05	.....	26.3
7-26	do	14.0	2.22	.....	31.2
8-14	do	9.9	2.20	.....	21.8
9- 7	do	11.2	2.05	.....	23.0
9-20	do	7.0	2.65	.....	18.5
9-30	do	6.2	3.15	.....	19.4
10-18	do	9.2	3.00	.....	27.6
11- 5	do	13.0	2.08	.....	27.1
11-21	do	12.0	2.34	.....	28.1
12-19	do	14.8	1.87	.....	27.7

## FRENCHMAN RIVER

Sec. 23, Twp. 6, Rge. 40 W.

Below Kilpatrick Diversion

1921					
5-17	T. C. Palmer	7.0	.....	.....	12.0
8-24	Palmer and Bailey	7.0	1.00	1.71	7.0
1922					
1-26	T. C. Palmer	12.0	2.85	.....	35.0
2-21	do	16.0	2.56	.....	40.0
6-24	do	6.0	.78	.....	5.0
1923					
1- 5	A. E. Johnston	16.0	1.89	.....	30.0
8- 3	do	3.0	1.00	.....	3.0
1925					
1-20	A. E. Johnston	12.0	2.03	.....	24.0
4-16	do	6.0	1.23	.....	8.0
6- 8	C. E. Franklin	15.0	1.97	.....	29.0
6-23	do	3.0	.97	.....	3.0
7-12	do	1.0	.45	.....	1.0
7-14	Franklin and Whitehead	2.0	.81	.....	1.0
7-15	do	9.0	1.49	.....	14.0
7-16	C. E. Franklin	2.0	.81	.....	1.0
7-23	Franklin and Whitehead	4.0	2.35	.....	8.0
7-23	do	10.0	1.73	.....	17.0
7-24	do	10.0	1.69	.....	17.0
7-26	C. E. Franklin	12.0	1.77	.....	21.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
7-28	Franklin and Whitehead	12.0	1.84	.....	22.0
8- 7	C. E. Franklin	6.0	1.69	.....	11.0
8-19	do	2.0	1.10	.....	2.0
9- 2	do	11.0	1.76	.....	19.0
9-17	do	11.0	1.64	.....	17.0
<b>1926</b>					
1-12	A. E. Johnston	18.7	2.18	.....	40.7
2-17	do	23.0	1.67	.....	38.5
3- 2	C. E. Franklin	15.4	1.77	.....	27.3
3-18	do	14.2	1.78	.....	25.3
3-31	do	12.0	1.22	.....	14.7
4-16	do	2.3	1.08	.....	2.5
4-30	do	5.2	.78	.....	4.0
5-14	do	6.4	.67	.....	4.3
5-31	do	7.9	1.35	.....	9.7
6-14	do	13.4	1.87	.....	25.2
6-26	do	7.0	.60	.....	4.2
7-13	do	12.4	1.40	.....	17.3
8- 7	do	8.4	1.07	.....	9.0
8-23	do	9.1	1.24	.....	11.3
10-13	A. E. Johnston	5.6	2.02	.....	11.3
11- 4	do	6.5	1.72	.....	11.2
<b>1927</b>					
2-15	A. W. Hall	9.6	2.97	.....	28.5
3-30	C. E. Franklin	14.2	1.78	.....	25.3
4-18	do	14.0	1.43	.....	20.1
4-29	do	14.0	1.54	.....	21.6
5-14	do	6.7	.40	.....	2.7
5-27	do	7.2	.65	.....	4.7
6-28	do	17.0	.91	.....	15.4
7- 8	do	3.6	.42	.....	1.5
7-22	do	10.6	.90	.....	9.6
8- 6	do	3.0	.73	.....	2.2
8-20	do	6.2	.48	.....	3.0
9- 4	do	6.4	1.41	.....	9.0
9-30	do	5.8	.88	.....	5.1
11- 3	do	6.4	1.78	.....	11.4
11-27	do	7.9	2.15	.....	17.0
12-20	do	7.4	1.81	.....	13.4
<b>1928</b>					
1-21	C. E. Franklin	9.6	2.86	.....	27.5
2-14	do	7.2	2.27	.....	16.3
3- 5	do	8.4	1.30	.....	10.9
3-21	do	7.0	2.48	.....	17.3
4- 9	do	4.2	1.69	.....	7.1
5-18	do	4.7	2.19	.....	10.3
6-20	do	.....	.....	.....	**

\*\*Bridge washed out. Stream too deep to wade.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
7-12	C. E. Franklin	7.0	1.12	.....	7.8
7-26	do	25.9	2.38	.....	61.7
8-14	do	4.2	.62	.....	2.6
9- 7	do	7.2	1.61	.....	11.6
9-20	do	1.6	.56	.....	.9
9-30	do	5.1	1.47	.....	7.5
10-18	do	22.2	1.31	.....	29.1
11- 5	do	11.6	2.22	.....	25.8
11-21	do	10.2	1.60	.....	18.6
12-19	do	15.3	1.81	.....	27.8

FRENCHMAN RIVER  
Sec. 21, Twp. 6, Rge. 39 W.  
At Champion

<b>1919</b>					
7-14	Palmer and Bailey	48.1	0.84	.....	40.3
<b>1922</b>					
1-26	T. C. Palmer	43.0	1.34	.....	58.0
2-21	do	43.0	1.33	.....	58.0
6-24	do	38.0	1.08	.....	41.0
7- 8	do	46.0	1.23	.....	57.0
8- 2	Palmer and Strong	33.0	1.18	.....	40.0
8-23	Johnston and Strong	36.0	1.10	.....	40.0
<b>1923</b>					
1- 5	A. E. Johnston	35.3	0.86	.....	30.7
2- 6	do	44.1	2.72	.....	120.1
2-24	do	32.9	1.47	.....	48.5
3-22	do	26.5	1.24	.....	32.8
4-17	do	17.6	1.02	.....	18.0
6- 7	do	33.1	.91	.....	30.2
6-23	do	42.4	1.14	.....	48.2
7-17	do	17.4	1.61	.....	28.1
8- 3	do	15.0	1.47	.....	22.2
9-20	do	28.6	1.52	.....	43.7
10-11	do	37.7	1.71	.....	64.6
12- 4	do	35.2	1.31	.....	46.4
<b>1924</b>					
2- 5	A. E. Johnston	45.8	1.17	.....	53.8
2-26	do	30.0	1.12	.....	33.9
4- 3	do	44.0	1.48	.....	65.4
4-30	do	34.8	.97	.....	34.0
6- 2	do	38.6	1.06	.....	41.1
6-27	do	31.3	.84	.....	36.5
8- 6	do	30.1	.82	.....	24.9
9- 4	do	26.6	1.50	.....	39.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1925</b>					
1-20	A. E. Johnston	30.0	2.08	.....	62.0
2-16	do	31.0	1.28	.....	30.0
3-21	do	48.0	1.52	.....	73.0
4-16	do	29.0	1.08	.....	32.0
10-14	do	21.0	1.02	.....	20.0
11-17	do	27.0	.94	.....	25.0
<b>1926</b>					
1-12	A. E. Johnston	45.4	1.53	.....	68.8
2-17	do	42.2	1.46	.....	61.8
3- 2	C. E. Franklin	29.1	1.83	.....	53.2
3-18	do	30.4	1.37	.....	41.7
3-31	do	23.1	1.42	.....	32.7
4-16	do	31.0	1.72	.....	53.2
4-30	do	28.3	1.13	.....	32.2
5-14	do	23.4	1.40	.....	32.7
5-31	do	24.0	1.12	.....	24.4
6-14	do	26.7	1.60	.....	42.6
6-26	do	15.2	.87	.....	13.3
7-13	do	21.6	1.76	.....	38.1
8- 7	do	13.0	1.50	.....	19.5
8-23	do	30.2	1.72	.....	52.2
10-13	A. E. Johnston	18.5	.88	.....	16.3
11- 4	do	23.3	1.08	.....	25.2
<b>1927</b>					
3-30	C. E. Franklin	28.4	1.56	.....	44.5
4-18	do	37.6	2.02	.....	75.9
4-29	do	29.0	1.42	.....	41.1
5-14	do	9.7	1.73	.....	16.8
5-27	do	20.0	1.65	.....	33.1
6-28	do	31.8	1.22	.....	38.9
7- 8	do	21.6	1.65	.....	35.8
7-22	do	.....	.....	.....	32.0
8- 6	do	26.9	1.12	.....	30.1
8-20	do	21.1	1.21	.....	25.7
9- 4	do	15.9	1.68	.....	26.7
9-30	do	25.0	1.37	.....	34.4
11- 3	do	27.1	1.66	.....	45.0
11-27	do	25.0	1.46	.....	36.6
12-20	do	30.0	1.11	.....	33.4
<b>1928</b>					
1-21	C. E. Franklin	36.1	1.95	.....	71.0
2-14	do	23.9	1.76	.....	42.2
3- 5	do	23.4	1.48	.....	34.7
3-21	do	20.6	1.59	.....	33.1
4- 9	do	22.2	1.61	.....	35.8
5-18	do	22.0	1.60	.....	35.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
6-20	C. E. Franklin	137.2	1.66	.....	228.3
7-12	do	44.5	1.29	.....	57.5
7-26	do	58.5	1.83	.....	106.9
8-14	do	25.5	1.22	.....	31.1
9- 7	do	31.5	1.37	.....	43.0
9-20	do	42.0	1.29	.....	54.4
9-30	do	45.5	.92	.....	41.7
10-18	do	44.0	1.22	.....	54.0
11- 5	do	52.0	1.08	.....	56.1
11-21	do	43.0	.93	.....	40.1
12-19	do	42.0	.83	.....	35.1

FRENCHMAN RIVER  
Sec. 4, Twp. 5, Rge. 38 W.  
South of Imperial

<b>1922</b>					
1-26	T. C. Palmer	60.0	1.08	.....	65.0
2-21	do	46.0	1.89	.....	87.0
6-24	do	42.0	1.42	.....	60.0
7- 8	do	42.0	1.43	.....	60.0
8- 2	Palmer and Strong	35.0	1.69	.....	59.0
<b>1924</b>					
2- 5	A. E. Johnston	38.5	2.06	.....	79.3
2-26	do	27.6	1.81	.....	50.1
4- 3	do	37.6	2.07	.....	78.0
4-29	do	38.8	2.08	.....	80.9
6- 2	do	34.2	2.21	.....	75.6
6-27	do	19.2	1.57	.....	30.2
8- 6	do	32.0	1.75	.....	55.8
9- 4	do	35.8	1.46	.....	52.3
<b>1925</b>					
1-21	A. E. Johnston	39.0	1.78	.....	71.0
2-16	do	52.0	2.13	.....	111.0
3-21	do	44.0	2.07	.....	90.0
4-16	do	34.0	1.82	.....	63.0
6- 8	C. E. Franklin	39.0	1.65	.....	64.0
6-24	do	38.0	1.65	.....	63.0
7-12	do	32.0	1.55	.....	50.0
7-22	do	40.0	1.77	.....	70.0
7-25	do	36.0	1.50	.....	55.0
7-26	do	29.0	1.79	.....	51.0
10-13	A. E. Johnston	39.0	1.77	.....	70.0
11-17	do	41.0	1.63	.....	66.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section.	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
1-12	A. E. Johnston	54.3	1.77	.....	96.1
3- 2	C. E. Franklin	30.7	2.40	1.05	73.7
3-18	do	28.4	2.16	1.12	61.4
3-31	do	29.5	2.20	1.09	64.6
4-16	do	24.6	2.12	.....	52.1
4-30	do	22.4	2.45	.94	54.9
5-14	do	4.8	1.37	.22	6.6
5-31	do	24.0	2.36	.98	56.6
6-14	do	25.1	2.20	.98	55.3
6-26	do	25.8	2.24	.....	57.9
7-13	do	24.5	2.36	.90	57.8
8- 8	do	24.2	2.14	.80	51.8
10-13	A. E. Johnston	31.8	1.79	.....	56.8
11- 4	do	32.5	1.71	.....	55.7
<b>1927</b>					
2-15	A. W. Hall	38.7	1.62	.....	62.7
3-30	C. E. Franklin	34.0	2.38	1.25	80.9
4-18	do	36.1	2.19	1.35	79.0
4-30	do	31.1	2.28	1.12	70.8
5-15	do	23.6	1.84	.90	43.4
5-27	do	29.8	2.37	1.04	70.6
6-28	do	29.9	2.29	1.15	68.6
7- 8	do	26.3	2.20	.95	57.9
7-22	do	8.4	1.07	.25	9.0
8- 6	do	31.4	2.21	1.02	69.7
8-20	do	27.9	2.09	.90	58.3
9- 4	do	15.9	1.68	.80	51.7
9-30	do	25.6	2.16	.90	55.4
11- 3	do	26.8	2.14	.....	57.4
11-27	do	21.6	2.10	.74	45.6
12-20	do	29.6	2.30	1.05	68.0
<b>1928</b>					
1-21	C. E. Franklin	31.3	2.41	1.20	75.6
2-14	do	31.3	2.31	1.10	72.5
3- 5	do	25.1	2.33	1.00	58.5
3-21	do	26.7	2.20	1.00	58.7
4- 9	do	23.2	1.92	.90	44.7
5-18	do	28.0	2.06	1.06	57.8
6-20	do	96.5	2.34	.....	225.7
7-12	do	30.7	1.59	1.28	48.8
7-26	do	66.5	2.15	.....	142.8
8-14	do	5.8	.76	.35	4.4
9- 7	do	30.2	1.84	1.00	55.7
9-20	do	28.5	1.94	1.00	55.4
9-30	do	25.6	1.47	.85	37.6
10-18	do	26.0	1.82	1.00	47.6
11- 5	do	35.3	1.42	1.17	50.0
11-21	do	35.4	1.83	.....	65.0
12-19	do	29.9	2.07	1.10	61.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
Sec. 30, Twp. 6, Rge. 38 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
5-20	T. C. Palmer	29.0	1.53	.....	45.0
8-25	Palmer and Bailey	33.0	1.78	.....	58.0
<b>1922</b>					
1-26	T. C. Palmer	42.0	1.47	.....	62.0
8-23	Johnston and Strong	62.0	2.10	.....	130.0
10-24	A. E. Johnston	28.0	1.71	.....	49.0
11-25	do	72.0	1.57	.....	113.0
<b>1923</b>					
1- 5	A. E. Johnston	33.0	1.98	.....	65.0
2- 6	do	32.0	2.01	.....	65.0
2-24	do	29.0	2.33	.....	68.0
3-22	do	28.0	2.54	.....	71.0
4-18	do	19.0	1.65	.....	31.0
6- 7	do	23.0	2.02	.....	46.0
6-16	do	40.0	2.08	.....	83.0
6-23	do	34.0	1.99	.....	67.0
7-17	do	34.0	2.25	.....	78.0
8- 3	do	35.0	1.92	.....	67.0
8-25	do	29.0	2.24	.....	64.0
9-20	do	32.0	2.28	.....	73.0
10-11	do	39.0	2.32	.....	88.0
12- 4	do	40.0	2.38	.....	96.0
<b>1925</b>					
7-22	Franklin and Whitehead	26.0	2.32	.....	60.0
7-25	C. E. Franklin	25.0	2.42	.....	60.0
7-26	do	23.0	2.13	.....	49.0
7-28	Franklin and Whitehead	38.0	2.70	.....	102.0
8- 7	C. E. Franklin	26.0	1.94	.....	50.0
9- 3	do	29.0	2.37	.....	68.0
9-18	do	26.0	2.20	.....	57.0

FRENCHMAN RIVER  
Sec. 11, Twp. 5, Rge. 36 W.  
Near Wauneta

<b>1921</b>					
5-17	T. C. Palmer	54.0	2.06	.....	117.0
8-24	Palmer and Bailey	41.0	1.69	.....	69.0
<b>1922</b>					
1-27	T. C. Palmer	53.0	1.93	.....	113.0
2-21	do	56.0	2.52	.....	140.0
6-24	do	44.0	1.49	.....	66.0
7- 8	do	39.0	2.26	.....	89.0
8- 2	Palmer and Strong	48.0	1.87	.....	90.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1923</b>					
1- 5	A. E. Johnston	52.4	2.11	.....	101.8
2- 6	do	46.5	2.24	.....	104.2
2-24	do	42.1	1.99	.....	83.9
3-22	do	43.2	2.09	.....	90.1
6- 6	E. F. Ketcham	67.0	2.03	.....	136.1
6- 7	do	60.3	2.07	.....	124.6
6-22	A. E. Johnston	50.1	1.68	.....	84.3
7-19	do	89.2	1.54	.....	137.6
8- 3	do	43.4	1.83	.....	79.7
8-25	E. F. Ketcham	38.3	1.93	.....	74.1
9-18	A. E. Johnston	44.6	1.92	.....	86.1
10-11	do	64.5	2.24	.....	144.8
12- 3	do	51.9	2.00	.....	104.1
<b>1924</b>					
2- 5	A. E. Johnston	42.6	2.32	.....	99.0
2-26	do	35.8	2.22	.....	79.8
4- 2	do	47.5	2.05	.....	97.8
4-28	do	41.8	2.17	.....	90.7
5-29	do	42.7	2.35	.....	100.5
6-25	do	36.9	2.07	.....	76.6
8- 6	do	44.0	2.18	.....	96.5
9- 5	do	35.4	2.11	.....	74.7
<b>1925</b>					
1-22	A. E. Johnston	53.6	2.33	.....	125.0
2-17	do	51.4	2.28	.....	117.0
3-20	do	53.1	2.15	.....	115.0
4-15	do	50.0	2.16	.....	118.0
5-17	C. E. Franklin	43.0	1.94	.....	84.0
6- 8	do	46.4	2.00	.....	93.0
6-24	do	41.4	1.52	.....	63.0
7-12	do	35.0	1.69	.....	59.0
7-16	do	37.9	1.60	.....	61.0
7-22	do	40.6	1.59	.....	64.0
7-25	do	37.3	1.71	.....	64.0
7-27	do	59.8	2.02	.....	121.0
7-28	do	52.2	2.26	.....	108.0
7-30	do	50.6	1.89	.....	96.0
8- 7	do	47.9	1.70	.....	81.0
8-19	do	49.7	1.79	.....	89.0
9- 3	do	53.4	1.66	.....	89.0
9-18	do	46.5	1.85	.....	86.0
10-12	A. E. Johnston	44.7	2.13	.....	95.0
11-18	do	45.9	2.10	.....	96.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. -Ft.
<b>1926</b>					
1-13	A. E. Johnston	51.1	2.25	.....	115.2
2-17	do	44.7	2.26	.....	101.0
3- 3	C. E. Franklin	53.5	1.92	.....	103.1
3-19	do	54.9	1.91	.....	104.7
3-31	do	54.2	1.70	.....	92.2
4-16	do	57.4	1.66	.....	95.3
4-30	do	47.4	1.74	.....	82.6
5-14	do	50.9	1.85	.....	94.4
5-31	do	44.1	1.73	.....	76.1
6-14	do	51.8	1.27	.....	65.7
6-26	do	53.7	1.67	.....	90.0
7-13	do	50.0	1.79	.....	89.4
8- 8	do	44.4	1.29	.....	57.4
8-22	do	53.6	1.55	.....	83.2
10-14	A. E. Johnston	44.7	2.04	.....	91.2
11- 5	do	48.5	1.97	.....	95.9
<b>1927</b>					
3-30	C. E. Franklin	56.1	2.02	.....	113.4
4-18	do	61.5	2.24	.....	138.8
4-30	do	57.2	1.65	.....	94.9
5-15	do	53.1	1.81	.....	96.4
5-27	do	53.0	1.89	.....	83.6
6-28	do	56.0	1.73	.....	97.1
7- 9	do	45.4	1.15	.....	52.4
7-22	do	47.6	1.49	.....	70.9
8- 7	Franklin and Whitehead	48.3	1.77	.....	85.4
8-20	C. E. Franklin	26.7	2.46	.....	65.9
9- 4	do	46.0	1.90	.....	87.6
9-30	do	49.2	2.00	.....	99.5
11- 3	do	49.8	1.97	.....	98.1
11-27	do	52.5	1.84	.....	96.6
12-20	do	58.5	1.40	.....	82.1
<b>1928</b>					
1-21	C. E. Franklin	52.0	2.24	.....	116.2
2-13	do	57.9	2.10	.....	121.2
3- 5	do	51.0	1.99	.....	101.7
3-21	do	50.5	2.16	.....	109.0
4- 9	do	49.3	1.90	.....	93.6
5-18	do	61.9	1.92	.....	119.0
6-20	do	98.8	2.79	.....	280.6
7-12	do	73.7	2.20	.....	161.8
7-26	do	61.9	1.96	.....	121.4
8-14	do	53.2	1.83	.....	97.4
9- 7	do	54.9	1.75	.....	96.5
9-20	do	42.8	1.94	.....	83.3
9-30	do	50.1	1.30	.....	65.5
10-18	do	55.5	1.79	.....	99.5
11- 4	do	57.0	2.00	.....	154.3
11-21	do	59.5	1.93	.....	114.9
12-19	do	80.5	1.43	.....	115.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
 Sec. 32, Twp. 5, Rge. 33 W.  
 Near Palisade

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1923</b>					
1- 5	A. E. Johnston	56.6	2.67	.....	151.4
2- 6	do	68.4	2.54	.....	174.1
2-24	do	67.3	2.18	.....	147.4
3-22	do	65.2	2.26	.....	147.8
4-16	Strong and Johnston	46.6	1.99	.....	92.8
6- 5	A. E. Johnston	214.8	.93	.....	200.7
6- 7	E. F. Ketcham	213.9	.93	.....	199.2
6-21	A. E. Johnston	168.9	1.45	.....	246.0
8- 4	do	91.2	1.37	.....	125.0
7-19	do	43.4	1.68	.....	73.1
9-18	do	164.0	.79	.....	129.7
10-12	do	153.3	1.53	.....	235.7
12- 3	do	67.9	2.37	.....	161.2
<b>1924</b>					
2- 5	A. E. Johnston	55.4	2.38	.....	132.1
2-26	do	67.5	2.36	.....	159.4
4- 2	do	70.4	2.35	.....	166.0
4-28	do	55.6	2.50	.....	138.9
5-29	do	31.5	1.28	.....	40.6
6-25	do	38.7	2.02	.....	78.3
8- 5	do	40.5	1.93	.....	78.9
9- 6	do	7.7	1.00	.....	7.7
<b>1925</b>					
1-21	A. E. Johnston	.....	.....	.....	71.1
2-17	do	90.2	2.53	.....	228.6
3-20	do	73.7	2.72	.....	200.6
4-14	do	65.6	2.14	.....	140.0
6- 9	C. E. Franklin	27.0	1.63	.....	44.1
6-24	do	13.1	2.06	.....	27.2
7-17	do	3.4	1.94	.....	6.6
8- 8	do	5.2	1.21	.....	6.3
8-20	do	53.7	1.34	.....	71.9
9- 3	do	9.4	.97	.....	9.1
9-18	do	29.6	1.59	.....	47.0
10-12	do	28.5	1.74	.....	49.7
11-18	do	54.8	2.64	.....	145.5
<b>1926</b>					
1-13	A. E. Johnston	73.0	2.44	.....	177.8
2-17	do	67.2	2.51	1.50	168.0
3- 3	C. E. Franklin	72.9	2.17	.....	158.0
3-19	do	65.8	1.96	.....	128.8
3-31	do	36.5	1.58	.....	57.6
4-17	do	7.8	2.23	.....	17.3
5- 3	do	6.0	1.22	.....	7.4
5-15	do	29.4	1.94	.....	57.0
5-28	do	6.0	1.24	.....	6.7
6-15	do	7.8	.84	.....	6.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
6-27	C. E. Franklin	10.7	.96	.....	10.3
7-14	do	17.0	2.16	.....	36.9
8- 8	do	9.2	.66	.....	6.1
8-22	do	20.2	.99	.....	19.9
10-14	A. E. Johnston	20.0	1.82	.20	37.0
11- 6	do	24.0	1.98	.15	47.0
1927					
2-15	A. W. Hall	72.7	1.89	.....	137.8
3-29	C. E. Franklin	109.0	2.70	.....	291.0
4-18	do	110.0	2.74	2.05	301.0
4-30	do	45.4	2.19	.....	99.7
5-15	do	53.9	1.80	.....	97.4
5-28	do	10.0	1.04	.....	10.4
6-28	do	34.8	1.62	.....	57.4
7- 9	do	8.5	1.30	.....	11.1
7-23	do	11.0	.94	.....	11.7
8- 7	Franklin and Whitehead	72.5	1.29	.....	16.1
8-22	C. E. Franklin	12.0	1.17	.....	14.1
9- 6	do	8.0	1.06	.....	8.4
10- 2	do	56.5	1.29	.....	73.0
11- 4	do	48.9	1.06	.....	51.8
11-27	do	59.9	2.00	.....	119.3
12-20	do	60.5	1.67	.....	101.1
1928					
1-22	C. E. Franklin	63.8	2.13	.....	136.1
2-12	do	66.0	2.41	.....	159.5
3- 6	do	71.5	2.00	.....	143.4
3-22	do	67.6	2.00	.....	135.3
4-10	do	57.2	1.98	.....	113.7
5-20	do	185.1	1.27	.....	235.5
6-24	do	136.5	2.12	.....	290.2
7-14	do	105.5	1.49	.....	157.2
7-27	do	131.0	2.58	.....	339.0
8-15	do	67.0	1.83	.....	123.1
9- 8	do	46.0	1.61	.....	74.0
9-20	do	28.0	1.48	.....	41.3
10- 1	do	39.0	1.63	.....	63.7
10-19	do	50.5	1.52	.....	77.1
11- 4	do	107.0	1.99	.....	213.1
11-21	do	99.0	1.71	.....	169.3
12-19	do	98.0	1.36	.....	133.6

FRENCHMAN RIVER  
Sec. 16, Twp. 3, Rge. 31 W.  
Near Culbertson

1919					
10-24	Palmer and Bailey	83.7	1.34	.....	112.2
1920					
10-23	Palmer and Bailey	50.3	1.88	.....	94.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
5-19	Palmer and Bailey	56.0	1.52	.....	85.0
8-25	do	36.0	1.15	.....	41.0
<b>1922</b>					
2-22	T. C. Palmer	102.0	1.84	.....	188.0
6-25	do	11.0	1.13	.....	13.0
7- 9	do	20.0	.98	.....	20.0
8- 2	do	21.0	1.17	.....	24.0
8-24	A. E. Johnston	93.0	1.39	.....	129.0
10-23	do	28.0	1.45	.....	40.0
11-25	do	97.0	1.91	.....	187.0
<b>1923</b>					
1- 5	A. E. Johnston	99.0	1.93	.....	191.0
2- 7	do	100.0	1.80	.....	180.0
2-24	do	88.0	1.78	.....	157.0
3-23	do	96.0	1.70	.....	164.0
4-16	do	36.0	1.74	.....	62.0
6- 5	do	288.0	2.12	.....	610.0
6-21	do	162.0	1.75	.....	284.0
7-19	do	96.0	1.74	.....	168.0
8- 6	do	61.0	1.96	.....	119.0
9-18	do	34.0	1.59	.....	55.0
10-12	do	85.0	1.79	.....	152.0
<b>1924</b>					
2-22	A. E. Johnston	105.5	2.06	.....	216.3
4- 2	do	78.9	2.16	.....	170.6
4-28	do	79.2	1.90	.....	150.3
5-29	do	64.6	1.78	.....	115.2
6-25	do	50.1	2.06	.....	103.7
8- 8	do	55.7	1.92	.....	107.0
9- 6	do	14.2	1.19	.....	16.9
<b>1925</b>					
2-17	A. E. Johnston	114.0	2.53	.....	289.0
3-19	do	103.0	2.24	.....	230.0
4-14	do	89.0	2.02	.....	181.0
6- 9	C. E. Franklin	26.0	1.70	.....	45.0
6-25	do	25.0	1.36	.....	34.0
7-13	Franklin and Whitehead	1.0	.51	.....	.0
7-18	C. E. Franklin	22.0	1.39	.....	30.0
8- 8	do	18.0	1.29	.....	23.0
8-20	do	113.0	1.77	.....	200.0
9- 4	do	18.0	1.13	.....	21.0
9-19	do	53.0	1.42	.....	75.0
10-12	A. E. Johnston	44.0	1.67	.....	73.0
11-18	do	80.0	2.26	.....	181.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## FRENCHMAN RIVER

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
1-13	A. E. Johnston	87.0	2.18	.....	188.8
2-17	do	72.1	2.22	.....	161.3
3- 3	C. E. Franklin	83.8	1.78	.....	149.1
3-19	do	89.1	1.49	.....	133.4
4- 3	do	75.7	1.70	.....	129.0
4-17	do	24.8	1.36	.....	33.8
5- 1	do	23.0	.63	.....	36.6
5-15	do	45.3	1.85	.....	83.9
5-29	do	21.6	.70	.....	30.8
6-17	do	236.0	2.07	.....	489.7
6-29	do	28.7	1.30	.....	37.4
7-14	do	57.3	1.67	.....	95.7
8- 8	Franklin and Whitehead	23.9	1.36	.....	32.6
8-22	C. E. Franklin	49.1	1.53	.....	75.1
10-14	A. E. Johnston	35.0	1.88	.....	65.8
11- 6	do	45.6	1.81	.....	82.7
<b>1927</b>					
2-16	A. W. Hall	96.0	2.06	.....	197.6
3-27	C. E. Franklin	144.0	1.81	.....	260.7
4-18	do	221.0	2.36	.....	522.2
4-30	do	97.7	2.00	.....	195.7
5-16	do	94.6	1.70	.....	161.2
5-28	do	43.4	1.44	.....	62.7
6-26	do	105.5	1.54	.....	162.1
7- 9	do	30.8	1.03	.....	31.7
7-25	do	31.3	1.33	.....	41.8
8- 7	do	36.7	1.31	.....	48.3
8-23	do	29.0	1.20	.....	34.8
9- 7	do	25.8	1.16	.....	30.0
10- 4	do	48.9	1.39	.....	68.4
11- 5	do	43.0	1.60	.....	69.2
12-21	do	58.9	1.71	.....	100.5
<b>1928</b>					
1-22	C. E. Franklin	91.0	1.84	.....	167.3
2-10	do	85.0	2.07	.....	176.1
3- 7	do	66.0	2.05	.....	135.2
3-22	do	82.4	2.02	.....	166.5
4-10	do	93.4	1.53	.....	143.7
5-19	do	180.0	2.42	.....	437.2
6-21	do	258.0	1.95	.....	505.0
7-14	do	104.5	2.20	.....	229.0
7-29	do	640.0	3.15	.....	2026.0
8-15	do	84.0	1.60	.....	135.9
9- 8	do	51.5	1.51	.....	77.9
9-20	do	42.4	1.36	.....	57.6
10- 1	do	41.3	1.63	.....	67.4
10-20	do	78.3	1.84	.....	143.9
11- 4	do	94.5	2.02	.....	191.4
11-21	do	103.0	1.74	.....	179.4
12-19	do	30.0	2.01	.....	161.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

FRENCHMAN RIVER  
 Sec. 37, Twp. 5, Rge. 33 W.  
 Below head Culbertson Canal

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1-27	T. C. Palmer	71.0	2.34	.....	166.0
2-21	do	76.0	2.25	.....	172.0
<b>1925</b>					
7-17	C. E. Franklin	0.7	0.47	.....	0.3
7-22	do	.9	.79	.....	.7
7-25	do	.9	.86	.....	.8
7-30	do	21.7	2.41	.....	52.4
8- 8	do	1.6	.81	.....	1.3
10-12	do	28.5	1.74	.....	49.7
<b>1926</b>					
5- 3	C. E. Franklin	1.3	1.20	.....	1.6
8- 8	do	.....	.....	.....	.5
<b>1927</b>					
5-28	C. E. Franklin	.....	.....	.....	0.5
7- 9	do	1.4	0.55	.....	.9
7-23	do	.....	.....	.....	1.5
8- 7	do	.....	.....	.....	1.5
8-19	do	.....	.....	.....	1.0
9- 6	do	.....	.....	.....	2.0

## GERING DRAIN

Sec. 6, Twp. 21, Rge. 54 W.

<b>1923</b>					
2-14	A. E. Johnston	1.9	0.85	.....	1.6
3- 7	do	2.1	1.03	.....	2.2
4- 3	do	2.3	.98	.....	2.3
4-27	do	1.8	1.13	.....	2.1
5-11	Ketcham and Johnston	2.4	1.03	.....	2.4
5-31	E. F. Ketcham	3.2	1.05	.....	3.4
7- 6	A. E. Johnston	3.0	1.03	.....	3.1
7-25	do	2.1	.78	.....	1.6
8-24	do	3.9	1.40	.....	5.4
8-16	E. F. Ketcham	6.9	2.14	.....	14.8
10-26	A. E. Johnston	3.8	1.56	.....	5.9
11-14	do	3.4	1.64	.....	5.5
12-11	Johnston and Hall	3.9	1.43	.....	5.6
<b>1924</b>					
1-14	A. E. Johnston	4.7	1.12	.....	5.5
1-28	do	3.9	1.65	.....	6.4
2-13	do	3.6	1.62	.....	5.9
3-18	do	4.2	1.61	.....	6.8
4- 9	do	3.5	1.52	.....	5.3
5- 6	do	2.6	1.34	.....	3.5
6-10	do	3.2	1.59	.....	5.1
7- 2	do	4.2	1.32	.....	5.5
7- 9	do	4.0	1.54	.....	6.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

GERING DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
7-29	C. G. Hrubesky	4.8	1.52	.....	7.3
8-13	do	4.4	1.59	.....	7.0
8-30	A. E. Johnston	5.0	1.93	.....	9.7
9- 8	C. G. Hrubesky	7.2	1.93	.....	13.9
10-15	A. E. Johnston	5.3	1.77	.....	9.4
10-28	do	5.4	1.76	.....	9.5
11-19	do	5.3	1.70	.....	9.0
12-17	do	7.0	1.30	.....	9.1
<b>1925</b>					
1- 7	A. E. Johnston	4.2	1.35	.....	5.7
2- 5	do	3.5	1.45	.....	5.1
3- 5	do	4.2	1.38	.....	5.8
4- 3	do	4.5	1.17	.....	5.3
4-20	Johnston and Franklin	4.6	.96	.....	4.8
5-22	A. W. Hall	3.9	1.25	.....	4.9
6- 6	do	2.6	.88	.....	2.3
6-21	do	10.8	3.01	.....	32.5
7- 3	do	8.3	2.17	.....	18.0
8- 1	do	18.3	3.18	1.20	58.0
9- 4	do	9.6	1.38	.....	13.3
9-28	A. E. Johnston	21.9	2.58	.....	56.5
10-23	do	7.7	1.61	.....	12.4
11-12	do	9.0	1.76	.....	15.8
12- 2	do	7.7	1.56	.....	12.0
<b>1926</b>					
1-26	A. E. Johnston	7.6	1.51	.....	11.5
2-24	do	5.3	2.02	.....	10.7
3-19	A. W. Hall	4.3	1.49	0.90	6.4
4- 9	do	4.4	1.55	.90	6.8
5- 6	do	23.4	3.45	2.10	80.8
5-21	do	17.4	1.74	1.42	30.2
6- 4	do	25.7	2.64	2.00	67.7
6-24	do	16.2	3.10	1.70	50.3
7-10	do	26.0	2.84	2.60	73.9
7-23	do	20.7	2.84	1.80	58.7
8-14	do	25.9	2.58	1.60	66.9
9-16	do	18.8	2.01	1.10	37.9
10- 4	A. E. Johnston	.....	.....	1.10	87.6
10-28	A. W. Hall	.....	.....	.10	21.0
<b>1927</b>					
1- 5	A. W. Hall	6.1	1.51	0.90	9.2
1-31	do	9.0	1.63	.....	14.7
2-22	do	9.1	1.32	.80	12.0
4- 1	A. E. Johnston	10.3	1.61	.95	16.6
4-26	do	12.5	2.04	1.20	25.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## GERING DRAIN

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5-13	A. W. Hall	8.6	2.51	.70	21.6
5-26	do	14.9	2.46	1.50	36.8
7- 8	do	12.1	3.83	1.00	46.2
8- 3	do	30.7	2.90	2.20	89.2
8-26	do	35.4	2.56	2.20	91.0
10-19	C. E. Franklin	19.4	1.94	.....	37.6
11- 8	A. W. Hall	14.8	1.98	1.30	29.4
11-23	do	11.2	2.08	1.00	23.4
12- 6	do	12.4	1.71	.....	21.3
<b>1928</b>					
1-13	C. E. Franklin	13.2	1.20	.....	15.9
2-10	A. W. Hall	9.2	1.35	0.70	12.4
3-19	do	9.3	1.76	.70	16.4
4- 5	do	7.8	1.72	.60	13.4
4-18	do	7.4	1.26	.65	9.4
5- 5	do	10.2	2.85	1.40	29.1
5-18	do	12.5	2.64	1.55	33.0
6-14	do	25.6	2.31	1.85	59.3
7- 5	do	16.2	1.90	1.45	30.8
7-27	do	33.4	3.87	1.80	129.1
8- 6	do	16.7	1.84	1.10	30.7
9- 7	do	21.1	2.08	1.50	43.7
9-26	do	29.6	2.48	.....	73.5
10-17	do	19.8	1.86	.....	36.8
11-14	C. E. Franklin	26.0	1.69	.....	44.3
11-26	do	22.5	1.80	.....	40.6
12- 7	do	20.0	1.62	.....	32.4

## GILES CREEK

Sec. 13, Twp. 24, Rge. 5 W.  
Near Tilden

<b>1923</b>					
6-30	A. H. Atkins	5.7	1.60	.....	9.1
7-17	E. F. Ketcham	1.6	.78	.....	1.2
8- 3	A. H. Atkins	2.1	1.17	.....	2.4
8-18	A. E. Johnston	3.8	.64	.....	2.4

## GOLDEN CREEK

Sec. 24, Twp. 15, Rge. 39 W.

<b>1926</b>					
4- 9	A. E. Johnston	5.1	0.63	.....	3.2

## GORDON CREEK

Sec. 30, Twp. 33, Rge. 28 W.  
Above Mouth

<b>1926</b>					
5- 7	A. E. Johnston	5.5	2.52	.....	13.9
5-28	do	4.5	2.09	.....	9.4
9-15	do	3.9	1.43	.....	5.6



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

GORDON CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5-27	A. E. Johnston	25.8	3.34	.....	36.2
9- 2	do	8.3	1.37	.....	11.4
9-22	do	9.3	1.29	.....	12.0
11- 5	do	8.5	1.43	.....	12.2
<b>1928</b>					
2-10	A. E. Johnston	9.3	1.50	.....	14.8
4- 5	do	7.1	2.06	.....	14.6
5- 7	do	8.3	1.43	.....	11.9
7- 7	do	21.0	2.22	.....	46.7
10- 2	do	5.9	1.56	.....	9.2
10-27	do	4.8	1.81	.....	8.7
12-22	do	10.9	1.40	.....	15.3
<b>GRAVEL CREEK</b> Sec. 9, Twp. 14, Rge. 36 W.					
<b>1922</b>					
5-17	A. E. Johnston	3.0	1.46	.....	4.4
<b>1924</b>					
6-14	A. E. Johnston	1.8	1.01	.....	1.1
8- 4	C. G. Hrubesky	3.0	1.13	.....	3.3
10- 7	A. E. Johnston	4.5	.54	.....	2.4
11-15	do	2.2	2.20	.....	3.3
<b>1925</b>					
6- 5	A. E. Johnston	1.8	1.13	.....	2.1
6-26	do	1.8	1.28	.....	2.3
8- 5	do	1.8	1.28	.....	2.3
<b>1926</b>					
2- 9	A. E. Johnston	1.8	1.44	.....	2.6
5-18	do	1.8	1.36	.....	2.5
5-20	do	1.5	1.18	.....	1.8
8-20	do	1.8	1.17	.....	2.1
10-26	do	1.8	1.27	.....	2.3
<b>1927</b>					
4- 6	A. E. Johnston	1.8	1.33	.....	2.4
5- 5	do	1.8	1.22	.....	2.2
6-29	do	1.8	1.28	.....	2.3
7-15	do	2.2	1.45	.....	3.2
9-15	do	.....	.....	0.35	2.1
10-12	do	.....	.....	.40	2.6
10-28	do	.....	.....	.40	2.7
11-16	do	.....	.....	.45	3.1
11-26	do	.....	.....	.40	2.6
12-10	do	.....	.....	.40	2.6
12-23	do	.....	.....	.40	2.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

GRAVEL CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-10	A. E. Johnston	.....	.....	0.35	2.1
1-23	do	.....	.....	.45	3.1
2- 2	do	.....	.....	.45	3.1
2-28	do	.....	.....	.40	2.6
3- 7	do	.....	.....	.40	2.6
3-27	do	.....	.....	.40	2.6
4-25	do	.....	.....	.45	3.0
5-31	do	.....	.....	.50	3.6
6- 7	do	.....	.....	.45	3.0
6-28	do	.....	.....	.45	3.0
7-19	do	.....	.....	.45	3.0
9- 4	do	.....	.....	.40	2.6
9-18	do	.....	.....	.40	2.6
10-18	do	.....	.....	.35	2.1
11- 9	do	.....	.....	.45	3.1
11-24	do	.....	.....	.40	2.6
12-18	do	.....	.....	.45	3.1

GREENWOOD CREEK  
Secs. 26 and 35, Twp. 19, Rge. 50 W.

<b>1922</b>					
4- 8	T. C. Palmer	1.0	0.71	.....	0.7
<b>1923</b>					
1-20	A. E. Johnston	1.1	0.95	.....	1.1
1-27	do	.....	.....	.....	.0
2- 2	do	.....	.....	.....	.0
2-13	do	1.0	.24	.....	.2
3- 5	do	2.6	.62	.....	1.6
3-12	do	.7	.42	.....	.3
9-24	do	1.1	.22	.....	.2
11-22	do	3.3	3.63	.....	12.0
11-22	do	5.5	1.51	.....	8.3
12- 7	A. H. Atkins	1.7	.84	.....	1.4
<b>1924</b>					
11- 3	A. E. Johnston	2.8	1.81	.....	5.1
<b>1925</b>					
4-18	Johnston and Hall	1.5	0.80	.....	1.2
6-12	A. W. Hall	.5	1.00	.....	.5
7-28	do	18.7	.62	.....	49.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## GREENWOOD CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
2-22	A. E. Johnston	0.8	0.62	.....	0.5
3-19	A. W. Hall	.....	.....	.....	.0
4-12	do	.....	.....	.....	.0
5- 7	do	6.3	2.06	.....	13.0
5-17	do	1.4	1.60	.....	2.2
7- 6	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8- 9	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	.4
<b>1927</b>					
5-18	A. W. Hall	12.2	1.55	.....	19.0
6- 7	do	.....	.....	.....	.0
6-18	A. E. Johnston	5.1	1.33	.....	6.8
6-22	A. W. Hall	4.9	1.32	0.70	6.5
6-25	A. E. Johnston	2.4	1.16	.65	2.8
7-21	A. W. Hall	.....	.....	.....	.0
8-10	do	.....	.....	.....	.0
10-21	C. E. Franklin	6.2	2.14	.42	13.3
11- 4	A. W. Hall	4.0	1.92	.90	7.7
11-28	do	4.6	2.13	.95	10.0
12-10	do	3.5	2.54	.....	8.9
<b>1928</b>					
2- 8	A. W. Hall	0.9	0.89	0.20	0.8
3-22	do	5.9	2.20	.....	13.0
4- 4	do	.....	.....	.....	.0
4-17	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	2.7	2.33	.....	6.3
6-20	do	.....	.....	.....	.0
7-11	do	.....	.....	.....	.0
8- 1	do	2.4	1.37	.....	3.3
9-12	do	.....	.....	.....	.0
10-18	do	.....	.....	.....	†.5
11-12	C. E. Franklin	.....	.....	.40	†.4
11-24	do	.....	.....	.33	†.1
12-13	do	.....	.....	.....	†1.0
12-24	do	.....	.....	.....	Ice

## GREENWOOD CREEK

Sec. 3, Twp. 18, Rge. 50 W.

<b>1921</b>					
2-26	T. C. Palmer	4.4	1.50	.....	6.6
<b>1925</b>					
6-12	A. W. Hall	0.8	0.50	0.30	0.4
6-25	do	2.5	1.60	.....	4.0
8-17	do	5.2	.79	.....	4.1
8-27	do	4.1	.98	.....	4.1
9-12	A. E. Johnston	4.5	1.95	.....	8.8

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## GREENWOOD CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
7-19	A. W. Hall	0.8	1.06	.....	0.9
7-29	do	3.0	2.06	.....	6.2
<b>1927</b>					
6- 7	A. W. Hall	6.0	1.32	.....	10.9
<b>1928</b>					
8- 1	A. W. Hall	3.2	1.40	.....	4.5

## GREENWOOD CREEK

Sec. 15, Twp. 18, Rge. 50 W.

<b>1924</b>					
8-22	A. E. Johnston	5.2	1.65	.....	8.6

## GREENWOOD CREEK

Sec. 34, Twp. 19, Rge. 50 W.

<b>1925</b>					
2- 7	A. E. Johnston	1.6	1.31	.....	2.0
8- 7	A. W. Hall	.....	.....	.....	.0

## HAINES BRANCH

Sec. 3, Twp. 9, Rge. 6 W.

<b>1927</b>					
5-14	A. E. Johnston	7.9	0.51	.....	4.0
6- 6	do	6.0	.58	.....	3.5
7- 8	do	1.3	.85	.....	1.1
8-16	do	3.7	.81	.....	3.0
10-24	do	2.7	.52	.....	1.4
12- 3	do	2.3	.95	.....	2.2
<b>1928</b>					
1- 6	A. E. Johnston	2.4	1.33	.....	3.2
2-22	do	5.0	.68	.....	3.4
3-19	do	4.1	.71	.....	2.9
4-14	do	4.9	.39	.....	1.9
5-14	do	5.8	.45	.....	2.6
6-20	do	3.4	.70	.....	2.4
10-10	do	1.4	.43	.....	.6
11-19	do	4.6	.37	.....	1.7

## HAT CREEK

Secs. 23 and 26, Twp. 33, Rge. 55 W.

<b>1921</b>					
3-18	T. C. Palmer	4.0	1.62	.....	6.55
<b>1924</b>					
7-18	J. D. Heywood	2.8	1.10	.....	3.28
7-31	A. E. Johnston	.5	.78	.....	.44
9-23	Johnston and Heywood	1.7	.82	.....	1.40
10-14	J. D. Heywood	.....	.....	.....	2.36

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

HAT CREEK (Continued)					
Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-22	J. D. Heywood	3.2	1.15	.....	3.7
8-15	do	.....	.....	.....	1.1
<b>1927</b>					
6-21	A. E. Johnston	6.3	1.07	.....	6.8
<b>1928</b>					
8-16	A. E. Johnston	1.7	0.65	.....	1.1
9-26	do	2.5	.44	.....	1.1
10-24	do	2.6	.65	.....	1.7
HAT CREEK Sec. 3, Twp. 32, Rge. 55 W.					
<b>1921</b>					
3-18	Palmer and Heywood	5.1	1.10	.....	5.6
<b>1922</b>					
3-31	Palmer and Heywood	1.9	2.33	.....	4.5
HAT CREEK Sec. 18, Twp. 34, Rge. 54 W. Near Montrose					
<b>1924</b>					
10-14	J. D. Heywood	.....	.....	.....	4.9
<b>1925</b>					
5-22	J. D. Heywood	3.7	1.35	.....	5.0
HAT CREEK West of Ardmore, South Dakota					
<b>1927</b>					
6-22	A. E. Johnston	25.0	2.25	.....	56.0
HORSE CREEK Sec. 25, Twp. 23, Rge. 58 W.					
<b>1919</b>					
4- 4	T. C. Palmer	12.9	1.16	.....	15.0
4-23	do	18.6	1.64	.....	30.4
4-29	do	17.7	1.56	.....	27.6
5- 7	do	10.7	1.04	.....	11.1
<b>1921</b>					
4-13	T. C. Palmer	3.7	0.69	.....	2.6
8-10	do	6.7	1.82	.....	11.9
8-20	do	4.4	1.23	.....	5.4
8-31	do	6.9	1.43	.....	9.8
9-28	do	3.9	2.16	.....	8.4
10- 7	do	6.6	1.14	.....	7.5
10-27	do	5.5	1.03	.....	5.7
11- 9	do	4.5	.93	.....	4.1
11-30	do	3.8	.64	.....	2.4
12-19	do	4.5	.60	.....	2.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

HORSE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1-10	T. C. Palmer	3.1	1.06	.....	3.3
2- 7	do	3.4	.89	.....	3.0
3- 7	do	4.8	.94	.....	4.5
3-21	do	5.7	1.40	.....	7.9
4- 6	do	3.2	.83	.....	2.7
5- 3	do	5.0	1.12	.....	5.6
5- 9	do	4.5	.91	.....	4.2
5-24	do	4.2	1.04	.....	4.4
6-12	do	7.1	2.19	.....	15.6
7-13	do	4.5	1.33	.....	6.0
7-20	do	2.5	1.24	.....	3.1
8-23	do	5.3	1.32	.....	7.0
11-16	A. E. Johnston	.....	.....	.....	65.4
12-27	do	.....	.....	.....	50.4
<b>1923</b>					
1-24	A. E. Johnston	7.5	0.40	.....	6.8
2-15	do	10.6	5.40	.....	5.8
3- 8	do	5.6	1.31	.....	7.4
4- 4	do	11.3	1.54	.....	17.4
4-26	do	5.5	1.43	.....	7.9
5- 8	Ketcham and Johnston	4.0	1.72	.....	6.9
7- 7	A. E. Johnston	48.2	2.47	.....	119.2
7-27	do	14.6	1.86	.....	27.2
8-13	E. F. Ketcham	78.5	2.09	.....	164.7
8-25	A. E. Johnston	69.7	2.70	.....	188.3
9-18	A. H. Atkins	43.0	3.72	.....	117.3
9-22	do	45.1	2.46	.....	111.1
9-29	A. E. Johnston	69.6	2.59	.....	180.5
11-16	do	70.8	.22	.....	158.7
11-20	A. H. Atkins	48.3	1.93	.....	93.6
12-13	Johnston and Hall	26.8	2.76	.....	74.1
<b>1924</b>					
1-15	A. E. Johnston	31.5	2.04	.....	64.3
1-29	do	41.0	2.50	.....	102.7
2-14	do	48.5	2.70	.....	131.3
3-19	do	35.5	2.23	.....	79.2
4-10	do	32.1	2.10	.....	67.7
5- 7	do	37.4	2.38	.....	89.2
6- 9	do	73.0	3.18	.....	231.6
7- 2	do	46.0	2.51	.....	115.7
7- 8	do	53.0	2.65	.....	140.9
7-29	C. G. Hrubesky	38.5	2.02	.....	78.1
8-12	do	42.7	2.30	.....	98.3
8-29	A. E. Johnston	37.5	2.08	.....	98.3
9- 6	C. G. Hrubesky	42.7	2.36	.....	101.0
9-17	Atkins and Johnston	.....	.....	.....	73.3
10-14	A. E. Johnston	27.5	1.78	.....	48.9
10-29	do	36.0	1.75	.....	63.0
11-20	do	26.3	1.86	.....	49.0
12-16	do	10.1	1.57	.....	15.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

HORSE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
1- 7	A. E. Johnston	32.2	1.85	.....	59.4
2- 3	do	60.0	2.73	.....	164.2
3- 3	do	15.6	1.36	.....	21.3
4- 1	do	10.0	1.16	.....	11.6
4-22	Johnston and Franklin	46.4	2.35	.....	109.1
5-22	A. W. Hall	116.0	3.40	.....	395.0
6- 6	do	34.9	2.06	.....	71.2
6-20	do	18.1	2.40	.....	43.5
7- 3	do	22.4	1.95	.....	43.6
8- 1	do	92.4	2.40	.....	220.6
9- 4	do	30.5	1.57	.....	47.8
9-29	A. E. Johnston	57.6	2.74	.....	158.0
10-21	do	30.5	2.04	.....	62.1
12- 2	do	21.6	2.34	.....	50.6
<b>1926</b>					
1-27	A. E. Johnston	23.9	2.52	.....	60.2
2-24	do	28.5	2.34	.....	66.6
3-19	A. W. Hall	16.0	1.74	0.70	27.9
4- 8	do	9.1	1.80	.65	16.4
5- 6	do	36.9	2.16	2.55	80.2
5-21	do	54.9	2.43	1.85	132.5
6- 3	do	99.0	2.57	2.46	255.0
6-22	do	95.6	3.38	2.60	283.5
7- 9	do	94.7	2.85	2.50	270.0
7-22	do	78.6	2.56	2.00	201.0
8-13	do	87.3	3.43	2.40	298.5
8-27	do	48.0	2.48	1.60	119.0
9-15	do	106.0	2.68	2.60	284.0
10- 6	A. E. Johnston	44.1	1.91	1.25	84.3
10-26	A. W. Hall	47.4	1.95	1.35	92.6
11-29	do	26.0	1.91	.85	49.7
<b>1927</b>					
1- 6	A. W. Hall	23.4	1.77	1.00	41.4
1-31	do	32.7	2.02	1.10	66.3
2-24	do	41.6	2.44	1.40	101.4
3-30	A. E. Johnston	17.0	1.82	.65	32.1
4-25	do	67.5	2.68	1.80	108.6
5-12	A. W. Hall	84.3	3.15	2.55	264.2
5-25	do	64.3	2.64	1.95	169.5
6-16	do	68.7	3.30	2.35	227.0
7- 7	do	128.0	3.86	3.90	495.3
8- 5	do	169.0	4.02	3.35	680.0
8-26	do	109.0	2.98	2.70	325.0
10-17	C. E. Franklin	65.4	2.16	.....	141.8
11- 7	A. W. Hall	64.1	2.10	.....	134.7
11-23	do	78.6	2.60	.....	204.1
12-11	C. E. Franklin	35.3	1.47	.....	51.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## HORSE CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-12	C. E. Franklin	36.8	1.95	.....	72.0
2-11	A. W. Hall	12.6	1.34	0.70	16.9
3-20	do	12.7	1.72	.65	21.9
4- 6	do	11.3	1.40	.55	15.8
4-20	do	8.6	1.50	.50	12.9
5- 5	do	83.2	2.81	2.00	234.1
5-17	do	80.5	2.50	2.00	201.0
6- 9	do	76.6	2.40	.60	184.4
7- 7	do	54.3	2.21	1.35	120.5
7-28	do	115.0	2.20	.....	253.0
8-15	do	47.2	1.80	.....	85.1
9- 7	do	68.8	2.01	.....	138.0
9-25	do	90.2	2.96	.....	267.5
10-13	do	45.1	1.92	.....	86.6
11-16	C. E. Franklin	33.1	1.72	.....	56.8
11-27	do	47.5	2.56	.....	121.8
12- 6	do	21.5	2.31	.....	49.8

## HORSE CREEK

1 Mile East of Caldwell

<b>1924</b>					
7-29	C. G. Hrubesky	3.6	1.13	.....	4.1
8-12	do	32.2	1.96	.....	62.8
9- 6	do	21.9	1.55	.....	34.0

## HORSE CREEK

Sec. 23, Twp. 1, Rge. 39 W.  
Near Parks

<b>1921</b>					
5-18	Palmer and Bailey	1.2	1.02	.....	1.2
<b>1923</b>					
8-28	E. F. Ketcham	.....	.....	.....	0.5
9-19	A. E. Johnston	0.8	0.93	.....	.8
12- 4	do	1.0	1.06	.....	1.1
<b>1924</b>					
2-27	A. E. Johnston	1.0	1.20	.....	1.2
5-31	do	1.2	1.79	.....	2.2
6-26	do	.9	.71	.....	.6
8- 7	do	2.4	.75	.....	1.8
9- 5	do	.8	1.00	.....	.8
<b>1925</b>					
1-14	A. E. Johnston	2.3	0.70	.....	1.6
2-18	do	1.8	1.16	.....	2.1
3-20	do	.2	.88	.....	.2
4-15	do	1.6	.94	.....	1.5
5-26	C. E. Franklin	1.4	1.04	.....	1.6
8-10	do	.9	1.24	.....	1.1
8-24	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
9-25	do	.....	.....	.....	.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

HORSE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
10-13	A. E. Johnston	1.0	1.88	.....	1.8
11-19	do	.9	1.61	.....	1.4
<b>1926</b>					
5-18	C. E. Franklin	1.2	1.17	.....	1.4
5-27	do	.9	.96	.....	.9
6-28	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	†.3
8- 9	do	.....	.....	.....	.0
8-21	do	1.0	.85	.....	.9
10-14	A. E. Johnston	.9	.96	.....	.9
11- 5	do	1.9	1.52	.....	2.9
<b>1927</b>					
4- 1	C. E. Franklin	1.7	1.06	.....	1.8
4-21	Franklin and Whitehead	1.7	1.00	.....	1.8
5- 3	C. E. Franklin	.8	1.00	.....	.8
5-30	do	1.6	.62	.....	1.0
6-29	do	1.3	1.00	.....	1.3
7-11	Franklin and Whitehead	.9	1.08	.....	1.0
7-27	C. E. Franklin	1.0	.71	.....	.7
8-16	do	.....	.....	.....	†.2
9- 8	do	.9	1.22	.....	1.1
10- 6	do	1.7	.47	.....	.8
11-10	do	1.7	1.20	.....	2.0
12- 6	do	2.2	1.00	.....	2.2
12-23	do	1.5	1.20	.....	1.8
<b>1928</b>					
1-25	Franklin and Whitehead	1.1	1.55	.....	1.7
2-15	C. E. Franklin	1.0	1.20	.....	1.2
3- 9	do	1.0	1.37	.....	1.4
3-24	do	1.1	1.36	.....	1.5
4-13	do	1.1	1.00	.....	1.1
5-24	do	1.4	1.35	.....	1.9
6-19	do	1.9	1.00	.....	1.9
7- 9	do	1.9	.90	.....	1.5
7-31	do	2.3	.82	.....	1.9
8-18	do	1.8	.72	.....	1.3
9-11	do	1.1	1.00	.....	1.1
9-21	do	.6	2.17	.....	1.3
10- 4	do	.9	1.25	.....	1.0
10-23	do	1.4	1.14	.....	1.6
11- 3	do	1.4	1.20	.....	1.7
11-23	do	1.1	1.09	.....	1.2

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

**HOTH SEEP**  
 Sec. 26, Twp. 21, Rge. 52 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
4- 3	T. C. Palmer	2.2	1.72	.....	3.9
4-22	do	1.8	1.53	.....	2.8
4-28	do	1.7	1.55	.....	2.7
5- 6	do	2.4	1.19	.....	2.9
5-12	do	1.9	1.38	.....	2.6
5-20	do	1.5	1.54	.....	2.3
6-10	do	3.1	1.39	.....	4.3
6-29	do	3.1	1.51	.....	4.7
7-28	do	6.4	1.94	.....	12.5
8-25	do	8.7	1.74	.....	15.2
9- 4	do	9.9	1.62	.....	16.0
9- 8	do	11.6	1.95	.....	22.6
9-22	do	8.6	2.04	.....	17.5
9-30	do	8.7	2.58	.....	22.4
10- 7	do	7.2	2.46	.....	17.8
10-17	do	7.7	2.41	.....	18.5
10-29	do	8.3	1.65	.....	13.6
11- 5	do	6.9	2.55	.....	17.7

**HUMBUG DRAIN**  
 Sec. 34, Twp. 24, Rge. 3 E.  
 Near Pilger

<b>1923</b>					
7-17	E. F. Ketcham	7.9	0.84	.....	6.7
8-18	A. E. Johnston	14.8	.79	.....	11.8

**INDIAN CREEK**  
 Sec. 19, Twp. 20, Rge. 50 W.

<b>1922</b>					
9- 1	T. C. Palmer	5.2	1.71	.....	8.9
10- 3	A. E. Johnston	.....	.....	.....	12.0
11- 2	do	.....	.....	.....	11.3
11-10	do	.....	.....	.....	1.4
11-15	do	.....	.....	.....	1.2
12- 2	do	.....	.....	.....	1.9
12- 9	do	.....	.....	.....	2.4
12-14	do	.....	.....	.....	1.5
12-26	do	.....	.....	.....	2.1
<b>1923</b>					
1-22	A. E. Johnston	2.3	2.15	.....	4.8
2- 3	do	2.9	1.48	.....	4.3
3- 6	do	2.2	1.45	.....	3.2
3-19	do	2.1	1.02	.....	2.2
4- 2	do	2.3	1.12	.....	2.5
4-24	do	1.9	.96	.....	1.8
5-12	Ketcham and Johnston	1.4	1.11	.....	1.6
5-31	E. F. Ketcham	1.4	.99	.....	1.4
6-20	do	3.4	1.33	.....	4.5
7-24	A. E. Johnston	5.6	1.15	.....	6.5
8-11	E. F. Ketcham	10.7	2.15	.....	23.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

INDIAN CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
<b>1923</b>					
8-30	A. E. Johnston	8.4	1.68	.....	14.2
10-23	do	2.9	1.14	.....	3.3
11- 7	A. H. Atkins	6.1	.80	.....	4.8
11-14	A. E. Johnston	3.7	1.00	.....	3.7
11-30	A. H. Atkins	6.3	1.22	.....	7.7
12-10	Johnston and Hall	6.2	.71	.....	4.4
<b>1924</b>					
1-31	A. E. Johnston	3.8	0.95	.....	3.6
2-12	do	2.6	.86	.....	2.3
6- 6	do	9.5	1.80	.....	17.7
7- 1	do	3.3	.93	.....	3.0
7-24	C. G. Hrubesky	10.3	.91	.....	9.4
8- 8	do	6.0	2.00	.....	12.1
9- 3	do	10.2	1.56	.....	16.0
9-20	A. E. Johnston	18.8	2.62	.....	49.2
10- 4	do	8.7	1.96	.....	17.0
10-28	do	6.3	1.70	.....	10.8
11- 7	do	6.1	1.39	.....	8.4
11-18	do	7.1	1.40	.....	10.0
12-13	do	6.5	1.28	.....	8.3
<b>1925</b>					
1- 6	A. E. Johnston	6.0	1.28	.....	7.7
2- 2	do	4.8	1.21	.....	5.8
3- 2	do	6.1	1.10	.....	6.7
3-31	do	3.8	1.05	.....	4.0
5- 2	do	3.6	.80	.....	2.9
5-18	A. W. Hall	12.9	2.76	.....	35.7
6- 3	do	4.7	.83	.....	3.9
6-17	do	8.5	1.27	.....	10.8
6-29	do	9.5	1.81	.....	17.2
7-29	do	14.0	2.56	.....	36.0
8-31	do	10.5	1.78	1.00	18.7
9- 9	do	19.4	2.68	1.55	51.8
9-25	do	15.7	2.20	1.30	34.6
9-28	A. E. Johnston	22.4	2.29	.....	51.3
10-19	do	8.7	1.28	.....	11.2
10-31	do	9.2	1.44	.....	13.2
12-12	do	8.1	1.42	.....	11.5
<b>1926</b>					
1-18	A. E. Johnston	6.1	1.49	.....	9.1
3-16	A. W. Hall	4.5	1.40	0.80	6.3
4-10	do	4.9	1.24	1.00	6.1
5- 3	do	4.3	1.00	.68	4.3
5-17	do	13.5	1.84	1.10	24.9
6- 6	do	16.7	1.46	1.10	24.4
6-19	do	9.1	1.40	.98	12.7
7- 5	do	7.2	1.72	.90	12.4
7-19	do	12.3	1.85	1.40	22.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

INDIAN CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
8-14	A. E. Johnston	14.4	1.40	1.30	20.1
8-23	do	18.7	2.60	1.40	48.6
9-16	do	19.8	2.61	1.50	51.7
10- 9	do	11.7	1.52	1.30	17.8
10-15	A. W. Hall	12.6	1.55	1.30	19.6
11- 4	do	11.8	1.78	1.25	21.0
11-15	do	13.3	1.08	1.20	14.4
<b>1927</b>					
1- 4	A. W. Hall	6.8	1.47	1.15	10.0
1-25	do	5.0	1.02	1.10	5.1
2-11	do	13.8	1.12	.....	15.4
3- 9	do	5.5	2.62	.90	14.5
4-11	do	7.7	1.26	.90	9.7
4-22	A. E. Johnston	5.6	1.61	.85	9.0
5-23	A. W. Hall	18.9	2.24	1.40	42.4
6-13	do	22.5	2.24	1.65	50.5
7-15	do	6.5	1.29	1.00	8.4
8-27	do	15.7	2.40	1.75	37.7
9-10	do	17.7	4.50	1.55	80.4
10-21	C. E. Franklin	11.5	2.36	.....	27.3
11-16	A. W. Hall	5.5	1.42	.....	7.8
11-21	do	6.6	1.41	.....	9.3
12-10	do	5.6	1.57	.....	8.8
<b>1928</b>					
1-13	A. E. Johnston	9.1	1.28	.....	11.7
2- 9	A. W. Hall	6.1	1.52	0.50	9.3
3- 2	A. E. Johnston	7.9	1.34	.....	10.6
3-16	A. W. Hall	9.5	1.31	.55	12.5
3-30	A. E. Johnston	6.9	1.27	.50	8.8
4- 4	A. W. Hall	6.7	1.21	.40	8.1
4-17	do	4.1	.97	.35	4.0
5- 8	do	7.8	1.24	.55	9.7
5-19	do	8.9	1.22	.55	10.9
7- 2	do	9.2	1.32	.65	12.2
7-18	do	14.9	2.04	.80	30.5
8-24	do	7.1	1.76	.56	12.5
9-12	do	11.6	1.95	.....	22.7
10-18	do	14.4	2.04	.....	29.5
11-12	C. E. Franklin	8.6	1.52	.....	13.1
11-24	do	9.2	1.61	.....	15.0
12- 8	do	9.0	2.28	.....	20.5
12-24	do	9.0	1.34	.....	12.1

## INDIAN CREEK

Sec. 1, Twp. 20, Rge. 51 W.

**1922**

11- 2 A. E. Johnston ..... 1.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

INDIAN CREEK  
Sec. 23, Twp. 2, Rge. 36 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-25	C. E. Franklin	4.1	0.68	.....	2.8
6-10	Franklin and Whitehead	29.1	1.39	.....	40.4
7-19	C. E. Franklin	6.3	.59	.....	3.7
8-10	do	1.9	1.10	.....	2.1
8-22	do	1.3	.69	.....	.8
9- 6	do	1.4	.86	.....	1.2
9-24	do	2.1	.78	.....	1.6
<b>1926</b>					
3- 6	C. E. Franklin	6.1	0.76	.....	4.6
3-22	do	3.6	.62	.....	2.2
4- 5	do	5.8	.52	.....	3.0
4-19	do	5.0	.84	.....	4.2
5- 5	do	3.4	.71	.....	2.4
5-18	do	5.5	1.41	.....	7.7
5-27	do	3.1	1.00	.....	3.1
6-16	do	2.8	1.36	.....	3.8
6-27	do	1.8	.71	.....	1.2
8-10	do	4.7	1.00	.....	4.7
8-21	do	1.4	.67	.....	.9
<b>1927</b>					
2-16	A. W. Hall	2.9	1.24	.....	3.6
3-31	C. E. Franklin	3.8	1.60	.....	6.1
4-19	Franklin and Whitehead	5.2	.83	.....	4.3
5- 3	C. E. Franklin	6.2	.79	.....	4.9
5-18	Franklin and Whitehead	3.0	.66	.....	1.9
5-20	C. E. Franklin	2.6	.81	.....	2.1
7-14	do	2.1	1.00	.....	2.1
7-27	do	2.0	.75	.....	1.6
8-26	do	2.8	.98	.....	2.7
9- 8	do	2.4	.99	.....	2.4
10- 6	do	3.0	1.01	.....	3.1
12-23	do	3.2	.62	.....	2.0
<b>1928</b>					
1-25	C. E. Franklin	6.2	0.50	.....	3.1
2-14	do	4.6	1.15	.....	5.3
3- 9	do	7.2	.77	.....	5.6
4- 8	do	4.8	.85	.....	4.1
4-13	do	4.6	.87	.....	4.0
5-23	do	6.6	.85	.....	5.7
6-18	do	13.0	.98	.....	12.7
7- 9	do	7.0	.51	.....	3.6
7-30	do	6.4	1.01	.....	6.5
8-17	do	3.5	.85	.....	3.0
9-11	do	8.8	1.12	.....	9.9
9-21	do	3.4	.62	.....	2.1
10- 4	do	2.8	.68	.....	1.9
10-23	do	4.2	.90	.....	3.8
11- 3	do	7.0	1.08	.....	7.6
11-22	do	8.3	.76	.....	6.3
12-22	do	9.0	.45	.....	4.0

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

INDIAN CREEK  
Sec. 12, Twp. 2, Rge. 37 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
5-26	C. E. Franklin	2.4	1.21	.....	2.9

INDIAN CREEK  
Sec. 28, Twp. 32, Rge. 50 W.

1927					
2- 3	A. W. Hall	6.7	0.68	.....	4.6
11- 3	A. E. Johnston	1.1	1.09	.....	1.2
11-22	do	.....	.....	.....	1.9
1928					
1-16	A. E. Johnston	1.7	0.94	.....	1.6
2- 7	do	1.7	1.06	.....	1.8
3-28	A. W. Hall	1.0	.53	.....	.5

INDIAN CREEK  
Sec. 3, Twp. 31, Rge. 50 W.

1922					
8- 1	A. H. Atkins	0.3	1.33	.....	0.4
9-22	T. C. Palmer	6.1	1.59	.....	9.7

INDIAN BUTTE CREEK  
Sec. 36, Twp. 33, Rge. 50 W.

1925					
5- 1	A. E. Johnston	1.0	0.40	.....	0.4

JIM CREEK  
Sec. —, Twp. 33, Rge. 56 W.  
O'Connell Ranch

1925					
5-22	J. D. Heywood	3.0	0.90	.....	2.7

KATZER DRAIN  
Sec. 10, Twp. 23, Rge. 60 W.  
Wyoming

1926					
3-18	A. W. Hall	3.3	1.11	.....	3.7
4- 9	do	3.3	1.42	.....	4.7
5- 5	do	14.3	1.81	1.90	25.9
5-20	do	11.2	1.44	1.30	16.2
6- 1	**Goyne Drummond	27.4	.99	.97	28.8
6- 2	A. W. Hall	8.4	1.96	1.30	16.5
6-23	do	9.9	1.81	1.30	17.9
7- 6	**Goyne Drummond	16.8	.57	.88	9.4
7- 9	A. W. Hall	11.4	1.92	1.25	21.9
7-22	do	11.7	1.90	1.40	22.2
8-13	do	16.9	2.22	1.45	37.6
8-27	do	18.2	1.57	1.40	28.6
9-15	do	12.5	2.86	1.25	35.9
10- 6	A. E. Johnston	5.3	1.64	.20	8.7
10-27	A. W. Hall	8.2	1.14	.....	9.3
11-29	do	4.4	1.98	.15	8.7

\*\*Wyoming measurements.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

KATZER DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
1- 6	A. W. Hall	3.9	0.92	.....	3.6
3-30	A. E. Johnston	4.5	.93	0.30	4.2
4-25	do	11.3	1.58	1.10	17.9
5-12	A. W. Hall	7.2	1.97	.55	14.1
5-25	do	8.8	2.13	1.15	18.9
6-16	do	11.0	2.52	.....	27.8
7- 7	do	12.2	1.60	.80	19.6
8- 4	do	18.3	3.34	.....	61.3
8-26	do	20.1	2.48	1.30	49.9
11- 8	do	6.5	.94	.20	6.1
11-23	do	4.6	1.50	.20	6.9
12-11	C. E. Franklin	2.2	1.47	.....	3.2
<b>1928</b>					
1-11	C. E. Franklin	4.7	1.65	.....	7.8
2-11	A. W. Hall	8.7	.87	0.90	7.6
4-20	do	3.3	1.09	.05	3.6
5- 3	do	19.9	1.98	.....	39.6
5-16	do	10.2	2.04	.80	20.8
6-15	do	12.1	1.88	1.30	22.8
10-13	do	6.0	.75	.....	4.5
11-16	C. E. Franklin	9.4	1.19	.....	11.2
11-27	do	5.0	1.00	.....	5.0
12- 6	do	5.5	.67	.....	3.7

## KRONBERG SEEP

Sec. 36, Twp. 23, Rge. 56 W.

<b>1919</b>					
9- 9	T. C. Palmer	6.2	0.64	.....	4.0
10- 6	do	5.9	.63	.....	3.7
<b>1921</b>					
1-12	T. C. Palmer	1.4	1.06	.....	1.5
2- 2	do	4.5	1.11	.....	5.0
2-17	do	2.2	1.18	.....	2.6
3- 8	do	1.4	1.18	.....	1.6
3-24	do	1.4	1.10	.....	1.5
4-12	do	1.1	1.04	.....	1.1
4-29	do	1.3	1.10	.....	1.4
5-11	do	1.0	.98	.....	1.0
6- 8	Palmer and Atkins	2.0	1.03	.....	2.1
6-21	T. C. Palmer	2.3	1.11	.....	2.5
7- 6	do	2.1	1.23	.....	2.5
8- 9	do	4.5	.75	.....	3.4
8-19	do	3.2	1.11	.....	3.6
8-30	do	4.7	1.04	.....	4.9
9-27	do	2.5	1.12	.....	2.8
10- 6	do	4.7	.85	.....	4.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

KRONBERG SEEP  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
10-27	T. C. Palmer	5.6	.52	.....	2.9
11- 8	do	4.6	.85	.....	3.9
11-30	do	5.4	.54	.....	2.9
12-19	do	4.6	.55	.....	2.5
<b>1922</b>					
1- 9	T. C. Palmer	2.2	0.91	.....	2.0
2- 7	do	2.0	.95	.....	1.8
3- 7	do	2.0	.80	.....	1.6
3-22	do	1.6	1.07	.....	1.7
4- 6	do	2.0	1.12	.....	2.3
5- 3	do	1.4	1.14	.....	1.6
5-10	do	1.6	.93	.....	1.5
5-24	do	1.7	1.11	.....	1.9
6- 6	do	1.8	1.17	.....	2.1
6-14	do	1.6	1.06	.....	1.7
7-14	do	2.5	1.32	.....	3.3
7-21	do	4.4	1.27	.....	5.6
8-24	do	4.0	1.22	.....	4.9
8-31	do	4.1	1.09	.....	4.5
9-13	Palmer and Easterday	2.0	1.40	.....	2.8
9-26	T. C. Palmer	4.5	1.13	.....	5.1
12-15	A. E. Johnston	.....	.....	.....	1.6
12-27	do	1.7	1.15	.....	1.9
<b>1923</b>					
1-24	A. E. Johnston	1.3	1.07	.....	1.4
2-16	do	1.8	1.00	.....	1.8
3- 9	do	1.8	1.34	.....	2.2
4- 5	do	1.1	1.08	.....	1.2
5-11	Ketcham and Johnston	1.1	.96	.....	1.1
6-17	E. F. Ketcham	1.1	1.33	.....	1.5
10-26	A. E. Johnston	1.8	1.20	.....	2.1
11-16	do	1.9	1.38	.....	2.6
12-12	Johnston and Hall	1.5	1.66	.....	2.5
<b>KEYA PAHA RIVER</b>					
Sec. 9, Twp. 34, Rge. 17 W.					
<b>1927</b>					
5-31	A. E. Johnston	206.0	1.32	.....	273.6
9- 5	do	26.3	1.37	.....	36.1
9-23	do	32.9	1.15	.....	38.0
<b>1928</b>					
2-11	A. E. Johnston	126.0	1.33	.....	167.6
4- 6	do	116.0	1.81	.....	210.0
5- 8	do	59.0	1.64	.....	96.0
7- 9	do	33.0	1.59	.....	52.0
10- 3	do	28.5	1.11	.....	31.8
12-24	do	65.0	1.38	.....	89.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## KEYA PAHA RIVER

Sec. 20, Twp. 34, Rge. 15 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
3- 5	A. E. Johnston	81.6	1.82	.....	149.0
3-26	do	55.8	1.77	.....	98.7
4-16	do	57.6	1.88	.....	108.1
5- 8	do	50.1	1.54	.....	77.1
6- 1	do	69.6	1.76	.....	122.5
7-10	do	52.5	1.29	.....	67.9
9-16	do	32.3	1.30	.....	42.1

## KIOWA CREEK

Sec. 31, Twp. 23, Rge. 57 W.

<b>1925</b>					
6- 6	A. W. Hall	1.6	1.13	.....	1.8

## LANE DRAIN

Sec. 30, Twp. 23, Rge. 57 W.

<b>1926</b>					
4- 8	A. W. Hall	1.12	1.73	.....	1.94
6- 3	do	2.81	3.82	.....	1.36
10- 6	A. E. Johnston	3.30	1.61	.....	5.29
10-26	A. W. Hall	2.20	1.27	.....	2.84

**1927**

2-24	A. W. Hall	1.9	1.26	.....	2.4
8- 5	do	4.8	1.35	.....	6.5
8-26	do	.....	.....	.....	5.8
11- 7	do	2.8	1.21	.....	3.4
11-23	do	4.7	.96	.....	4.5
12-11	C. E. Franklin	2.0	1.41	.....	2.8

**1928**

1-12	C. E. Franklin	1.3	0.82	.....	1.1
3-20	A. W. Hall	1.0	.56	.....	.6
4- 6	do	.9	.67	.....	.7
5- 5	do	1.9	1.26	.....	2.4
5-17	do	2.1	.43	1.05	.9
7- 7	do	3.6	1.63	.....	5.9
9-25	do	4.3	1.70	.....	7.3
11-16	C. E. Franklin	3.9	.69	3.45	2.7
11-27	do	3.0	.66	.....	2.0
12- 6	do	3.2	.69	.....	2.2

## LARAMIE RIVER

West line, Sec. 28, Twp. 26, Rge. 64 W., Wyoming

**1922**

5-2	T. C. Palmer	127.0	2.25	2.20	286.0
5- 8	do	125.0	2.20	2.15	280.0
5-23	do	209.0	2.66	2.90	556.0
6- 2	do	231.0	2.59	3.05	601.0
6-13	do	73.0	1.75	1.90	128.0
7-19	do	28.0	1.13	1.30	32.0
8-22	do	17.0	1.34	1.35	22.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LARAMIE RIVER  
First Bridge above Mouth

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
2-15	A. E. Johnston	39.6	2.92	.....	115.8
3- 8	do	47.6	2.62	.....	124.9
4- 4	do	48.9	2.61	.....	128.0
4-26	do	41.6	2.37	1.80	98.5
5- 8	Johnston and Ketcham	134.5	3.17	2.50	427.5
5-29	E. F. Ketcham	163.8	3.32	2.95	544.6
6-19	do	193.4	4.38	3.35	849.0
7- 7	A. E. Johnston	146.8	.84	1.70	124.6
7-28	do	179.0	1.91	2.40	343.1
8-14	E. F. Ketcham	87.5	1.98	1.80	171.6
8-25	A. E. Johnston	179.2	2.02	2.45	362.2
9-28	do	185.6	2.13	1.30	386.8
10-24	do	167.9	1.45	1.05	245.6
11-15	do	157.7	1.61	1.05	254.5
<b>1924</b>					
1-15	A. E. Johnston	54.3	3.01	1.00	163.8
1-29	do	62.2	2.75	1.05	170.6
2-14	do	150.9	1.39	.90	210.8
3-19	do	153.3	1.32	.80	203.7
4-10	do	490.1	4.21	.....	2066.9
5- 7	do	332.6	3.72	3.60	1238.9
6- 7	do	337.0	4.40	4.45	1485.6
7- 7	do	189.8	2.18	2.20	414.6
7-28	C. G. Hrubesky	78.0	1.54	1.50	122.0
8-13	do	62.4	1.41	.....	89.0
9- 6	do	11.0	1.78	.....	20.0
9-16	Atkins and Johnston	.....	.....	.....	125.0
10-14	A. E. Johnston	63.0	1.65	1.65	105.0
10-29	do	61.0	2.26	1.70	138.0
11-20	do	62.0	2.55	1.70	158.0
12-16	do	112.0	1.35	1.70	151.0
<b>1925</b>					
1- 8	A. E. Johnston	56.0	2.74	.....	153.0
2- 4	do	86.0	3.00	1.85	259.0
3- 3	do	65.0	2.72	1.75	177.0
4- 1	do	79.0	2.92	1.85	232.0
4-22	Johnston and Franklin	79.0	2.27	3.40	181.0
5-21	A. W. Hall	89.0	2.18	1.80	194.0
6- 5	do	29.0	2.02	1.60	53.0
6-20	do	43.0	2.15	1.70	93.0
7- 2	do	27.0	1.30	1.10	35.0
8- 1	do	27.0	1.22	1.30	34.0
9- 4	do	19.0	1.12	1.00	22.0
10-22	A. E. Johnston	66.0	1.53	3.15	100.0
12- 3	do	76.0	2.25	3.30	170.0
<b>1927</b>					
6- 3	A. W. Hall	101.0	2.86	1.35	353.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LAWRENCE FORK

Secs. 25 and 36, Twp. 19, Rge. 52 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
2-26	T. C. Palmer	3.8	2.46	.....	9.4
<b>1922</b>					
1-14	T. C. Palmer	2.6	1.80	.....	4.7
2-17	do	4.2	2.12	.....	8.9
2-26	do	3.8	2.46	.....	3.4
3- 9	do	5.7	2.00	.....	11.4
4-13	do	3.3	1.64	.....	5.3
6-17	do	.2	.50	.....	.1
7-31	A. H. Atkins	.4	1.00	.....	.4
<b>1923</b>					
8-20	A. H. Atkins	1.3	1.10	.....	1.4
12- 7	do	5.3	1.58	.....	8.3
<b>1924</b>					
8-25	W. F. Chaloupka	.....	.....	.....	0.2
9-13	A. E. Johnston	0.8	1.25	.....	1.0
<b>1925</b>					
6-12	A. W. Hall	0.3	0.70	.....	0.2
8-27	do	2.1	1.34	.....	2.8
<b>1927</b>					
6- 7	A. W. Hall	.....	.....	.....	0.5
6-22	do	.....	.....	.....	.3
10-21	C. E. Franklin	4.1	1.68	.....	6.9
<b>1928</b>					
2- 8	A. W. Hall	4.2	1.76	.....	7.4
3-22	do	2.6	1.38	.....	3.6
6-20	do	.9	.89	.....	.8
10-18	do	4.7	1.51	.....	7.1
11-12	C. E. Franklin	4.8	1.08	.....	5.2
11-24	do	4.2	1.21	.....	5.1
12-13	do	5.2	.96	.....	5.0
12-24	do	4.6	1.02	.....	4.7

## LAWRENCE FORK

Sec. 12, Twp. 18, Rge. 52 W.

<b>1922</b>					
6-26	Chaloupka and Atkins	0.1	0.50	.....	0.7
6-29	Atkins and Palmer	.7	.35	.....	.3
7-31	A. H. Atkins	2.6	1.76	.....	4.6
8-19	do	.1	.03	.....	.4
<b>1924</b>					
8-25	W. F. Chaloupka	1.7	1.23	.....	2.1

## LAWRENCE FORK

Sec. 15, Twp. 18, Rge. 52 W.

<b>1922</b>					
6-29	Atkins and Palmer	3.6	1.19	.....	4.3
<b>1924</b>					
8-25	W. F. Chaloupka	2.2	1.81	.....	4.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LAWRENCE FORK  
Sec. 28, Twp. 18, Rge. 52 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1922					
7-31	A. H. Atkins	1.2	1.41	.....	1.7

LAWRENCE FORK  
Sec. 12, Twp. 19, Rge. 52 W.

1923					
11-27	A. E. Johnston	2.8	2.36	.....	6.6

LAWRENCE FORK  
Sec. 21, Twp. 18, Rge. 52 W.

1922					
6-17	T. C. Palmer	0.8	0.75	.....	0.6
6-29	Atkins and Palmer	1.5	.53	.....	.8
6-29	do	2.6	1.23	.....	3.2
7-31	A. H. Atkins	2.0	3.00	.....	6.0
8-25	do	1.4	1.92	.....	2.7
1924					
8-25	W. F. Chaloupka	2.6	1.81	.....	4.7

LEANDER FORK  
Secs. 32 and 33, Twp. 34, Rge. 37 W.

1926					
3- 3	A. E. Johnston	7.7	2.04	.....	15.7
3-25	do	6.5	.91	.....	5.9
4-15	do	4.6	1.24	.....	5.7
5- 7	do	7.3	2.20	.....	16.1
5-28	do	2.0	.70	.....	1.4
7- 8	do	8.6	1.78	.....	15.3
9-14	do	.....	.....	.....	.0
1927					
5-26	A. E. Johnston	4.4	1.20	.....	5.3
9- 2	do	.4	.50	.....	.2
9-22	do	1.0	.90	.....	.9
11- 4	do	1.4	.50	.....	.8

1928					
2- 9	A. E. Johnston	.....	.....	.....	Ice
4- 4	do	8.1	2.15	.....	17.4
5- 5	do	4.2	1.11	.....	4.7
7- 6	do	1.3	.23	.....	.3
10- 1	do	.....	.....	.....	†.5
10-26	do	1.4	.29	.....	.4

LILLIAN CREEK  
Sec. 1, Twp. 19, Rge. 20 W.

1923					
8-15	A. E. Johnston	3.80	0.91	.....	3.5

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LINCOLN COUNTY DRAIN No. 1  
Sec. 30, Twp. 14, Rge. 30 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
11-26	A. E. Johnston	3.7	1.36	.....	5.1
<b>1924</b>					
2- 7	A. E. Johnston	3.6	1.55	.....	5.6
3- 3	do	3.5	1.57	.....	5.5
3-13	do	3.0	1.53	.....	4.6
3-27	do	3.9	1.83	.....	7.2
4-22	do	3.0	1.56	.....	4.7
5-22	do	4.7	1.37	.....	6.5
6-16	do	14.4	2.13	1.65	30.7
7-17	do	18.8	1.95	2.10	36.8
7-23	do	18.8	2.01	2.20	37.8
8-19	C. G. Hrubesky	24.4	2.17	.....	53.0
8-29	do	18.5	2.22	.....	41.3
10-24	A. E. Johnston	21.6	2.56	2.70	55.4
11-11	do	20.4	2.86	2.80	58.3
11-15	do	21.7	2.38	2.80	51.6
12- 2	do	26.5	2.10	3.00	56.0
<b>1925</b>					
2-10	A. E. Johnston	23.7	2.42	3.60	57.8
2-14	do	24.8	2.16	.....	53.5
3-11	do	20.6	2.35	.....	48.4
4- 8	do	18.5	2.36	3.45	43.8
4-30	A. W. Hall	16.8	1.73	.....	29.0
5- 7	A. E. Johnston	21.3	2.34	.....	49.8
5-18	do	22.7	2.41	3.40	54.7
6- 6	do	24.6	2.34	3.60	57.6
6-13	do	27.4	2.35	3.75	64.6
6-29	do	28.1	2.52	3.65	70.9
7- 8	do	33.5	2.44	3.85	81.7
7-20	do	32.5	2.82	3.90	91.7
8- 6	do	34.2	2.58	3.95	88.0
8-12	do	34.9	2.77	3.95	96.5
8-28	do	27.3	2.66	3.80	72.5
9- 3	do	28.5	2.72	3.75	77.4
9-14	do	28.4	2.51	3.85	71.4
9-24	do	28.4	2.76	3.80	78.6
10- 2	do	29.1	2.30	3.70	66.7
11- 5	do	21.1	2.45	3.50	51.7
<b>1926</b>					
1-20	A. E. Johnston	23.0	2.41	.....	55.5
2-10	do	19.7	1.58	3.45	31.3
3-17	do	20.0	2.20	3.45	43.9
4- 8	do	18.8	2.27	3.45	42.8
4-28	do	20.6	2.20	3.50	45.3
5-19	do	21.7	2.71	3.65	59.3
6-12	do	29.9	2.68	3.90	80.3
6-26	do	29.3	2.68	3.80	78.5
7-22	do	30.2	2.77	3.85	83.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LINCOLN COUNTY DRAIN No. 1  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
8- 2	A. E. Johnston	37.9	2.84	4.10	107.6
8- 8	do	38.0	3.00	4.20	114.5
8-21	do	35.5	2.95	4.10	105.0
8-31	do	34.4	2.90	4.05	100.5
9-28	do	29.0	2.68	3.80	77.8
10-25	do	33.0	2.48	3.80	81.8
11-12	do	28.4	2.50	3.70	70.8
<b>1927</b>					
1-12	A. W. Hall	27.0	2.06	.....	55.5
2-16	do	20.8	2.16	3.60	45.4
3-23	do	23.0	2.27	3.17	52.3
4- 7	A. E. Johnston	22.2	2.50	3.65	55.1
4-18	do	28.3	2.31	3.90	66.1
5- 6	do	25.8	2.36	3.70	61.0
5-20	do	26.6	2.50	3.75	66.4
6-14	do	31.8	2.78	4.05	88.5
6-30	do	26.5	3.04	4.05	80.7
7-15	do	35.0	3.10	4.25	108.9
7-25	do	39.7	3.04	4.30	120.7
8- 6	do	38.5	3.15	4.30	121.1
8-23	do	32.2	3.15	4.15	101.7
9-14	do	34.0	2.80	4.15	95.4
10- 6	do	35.4	2.43	4.00	86.2
10-28	do	24.6	2.86	3.80	70.4
11-16	do	27.0	2.67	.....	72.3
11-28	do	26.7	2.54	3.65	67.7
12-10	do	24.6	2.56	3.60	62.8
12-23	do	23.2	2.50	3.60	57.9
<b>1928</b>					
1-10	A. E. Johnston	21.3	3.13	3.55	66.8
1-23	do	24.6	2.30	3.55	56.9
2- 2	do	22.9	2.56	3.50	58.8
2-28	do	24.2	2.34	3.50	56.5
3- 7	do	23.1	2.42	3.50	55.7
3-27	do	20.9	2.43	3.50	50.8
4-23	do	21.2	2.09	3.50	44.2
5-29	do	31.9	2.53	4.00	80.8
6- 8	do	36.8	2.36	4.00	87.0
6-27	do	35.0	2.26	4.10	79.1
7-18	do	38.9	2.47	4.25	96.1
7-26	do	38.6	3.21	4.25	124.4
8- 9	do	37.4	2.70	.....	101.5
8-21	do	37.6	3.23	4.20	121.4
8-28	do	42.5	2.77	4.30	117.8
9- 3	do	47.1	3.05	4.30	144.5
9-17	do	42.2	2.90	4.15	122.1
10-17	do	30.4	2.64	3.70	80.1
11- 3	do	33.0	3.00	.....	98.9
11- 9	do	30.8	2.65	3.60	81.7
11-24	do	30.2	2.38	4.40	71.8
12-18	do	25.4	2.66	3.40	67.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

 LODGEPOLE CREEK  
 Sec. 11, Twp. 14, Rge. 59 W.  
 Wyoming-Nebraska Line

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
3-25	A. E. Johnston	5.3	1.08	.....	9.0
9- 9	C. G. Hrubesky	6.9	1.24	.....	8.1
10- 9	A. E. Johnston	5.0	1.46	.....	7.3
<b>1925</b>					
1- 9	A. E. Johnston	7.0	1.35	.....	9.5
2- 5	do	7.1	1.37	.....	9.7
3- 5	do	7.0	1.35	.....	9.5
4-11	A. W. Hall	5.2	1.52	.....	7.9
4-30	C. E. Franklin	3.7	1.10	.....	4.1
6- 3	do	2.9	.90	.....	2.6
6-18	do	3.3	1.12	.....	3.7
7- 7	do	4.0	.75	.....	3.0
8- 4	do	4.3	.75	.....	3.0
8-15	do	5.2	.67	.....	3.9
8-28	do	4.8	.92	.....	4.4
9-11	do	3.8	.95	.....	3.6
9-28	do	4.4	.93	.....	4.1
<b>1926</b>					
2- 3	A. E. Johnston	10.6	1.40	.....	16.2
2-26	do	12.6	1.54	.....	19.4
3-11	C. E. Franklin	4.9	1.16	.....	5.7
3-25	do	5.1	1.11	.....	5.7
4- 9	do	4.9	1.23	.....	6.1
4-22	do	3.9	1.09	.....	4.2
5-11	Franklin and Hanna	3.6	.84	.....	3.0
5-24	C. E. Franklin	3.5	.85	.....	3.0
6- 6	do	4.0	.80	.....	3.2
7- 3	do	4.9	.54	.....	2.7
7-30	do	7.0	.63	.....	4.4
8-14	Franklin and Hanna	5.6	.69	.....	3.9
8-28	C. E. Franklin	3.7	1.00	.....	3.7
12- 2	A. W. Hall	4.0	1.10	.....	4.4
<b>1927</b>					
1-24	A. W. Hall	5.3	1.10	.....	5.8
2-12	do	6.5	1.17	.....	7.6
4- 6	C. E. Franklin	6.6	.91	.....	6.0
4-27	do	5.6	1.22	.....	6.8
5-11	do	17.2	1.91	.....	32.9
5-25	do	5.6	.73	.....	4.1
7- 1	do	7.0	.66	.....	4.4
7-16	do	3.6	1.06	.....	3.8
8- 3	do	6.4	.87	.....	5.6
8-17	do	9.1	.48	.....	4.4
9- 1	do	6.0	.65	.....	3.9
9-26	do	4.4	1.02	.....	4.5
10-25	do	6.4	.86	.....	5.5
11-23	do	5.6	.98	.....	5.6
12-29	do	5.0	1.34	.....	6.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-18	C. E. Franklin	5.7	1.61	.....	9.2
2- 4	do	5.1	1.25	.....	6.4
2-22	do	5.9	1.54	.....	9.1
3-16	do	6.6	1.49	.....	9.8
5- 2	do	3.9	1.36	.....	5.3
6- 6	do	4.8	1.25	.....	6.0
6-29	do	14.0	.83	.....	11.7
7-20	do	6.3	.78	.....	4.9
8- 3	do	5.6	.61	.....	3.4
8-24	do	6.0	1.11	.....	6.3
9-17	do	3.2	.88	.....	2.8
9-27	do	3.0	1.17	.....	3.5
10-16	do	7.4	1.18	.....	8.7
10-26	do	4.4	1.02	.....	4.6
11-19	do	9.0	1.30	.....	11.7
12-17	do	4.8	1.23	.....	5.9

## LODGEPOLE CREEK

Sec. 31, Twp. 15, Rge. 57 W.  
Near Bushnell

<b>1925</b>					
3- 5	A. E. Johnston	8.6	2.38	.....	20.2
4-11	A. W. Hall	14.3	1.66	.....	8.6
6-16	C. E. Franklin	.....	.....	.....	3.5
8-28	do	6.5	1.47	.....	9.6
9-11	do	6.6	1.57	0.48	10.4
9-28	do	6.7	1.52	.48	10.2
<b>1926</b>					
12- 3	A. W. Hall	8.6	1.58	.....	13.5
<b>1927</b>					
1-24	A. W. Hall	7.4	1.57	.....	11.6
2-12	do	6.0	2.27	.....	13.6
7- 8	C. E. Franklin	6.6	1.09	.....	7.1

## LODGEPOLE CREEK

Sec. 33, Twp. 15, Rge. 57 W.  
Above Kimball Reservoir

<b>1922</b>					
3-11	T. C. Palmer	6.0	2.45	.....	14.7
<b>1923</b>					
6-23	E. F. Ketcham	9.8	1.50	.....	14.7
8-30	do	10.6	1.20	.....	12.8
<b>1924</b>					
3-25	A. E. Johnston	8.9	2.12	.....	19.0
9- 9	C. G. Hrubesky	6.9	1.73	0.48	12.0
9-11	do	8.0	2.06	.58	16.4
10- 9	A. E. Johnston	6.4	2.10	.....	13.4
11-21	do	6.8	2.03	.....	13.8



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

 LODGEPOLE CREEK  
 (Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
1- 9	A. E. Johnston	6.9	2.71	.....	18.7
2- 5	do	9.0	2.08	.....	18.5
4-11	A. W. Hall	8.0	1.19	0.60	9.5
4-29	C. E. Franklin	5.8	1.72	.50	10.0
5- 5	A. E. Johnston	7.1	1.97	.....	14.0
5-12	Hall and Hanna	6.7	1.57	.....	10.5
5-22	Johnston and Hanna	6.3	1.57	.45	9.9
6- 3	C. E. Franklin	6.8	1.57	.50	10.7
6-18	do	7.0	1.56	.50	10.9
7- 8	do	5.9	1.40	.40	8.3
8- 4	do	6.3	1.38	.44	8.7
8-15	do	6.6	1.51	.....	10.0
11-20	A. E. Johnston	7.3	1.79	.55	13.0
<b>1926</b>					
2- 3	A. E. Johnston	8.3	2.04	.....	16.9
2-26	do	9.6	2.22	0.70	21.3
3-11	C. E. Franklin	8.8	2.15	.68	18.9
3-26	do	8.2	1.83	.59	14.9
4- 9	do	7.9	1.80	.64	15.4
4-22	do	7.8	1.78	.58	13.9
5-11	Franklin and Hanna	6.5	1.83	.52	11.9
5-24	C. E. Franklin	6.2	1.64	.....	10.0
6- 7	Franklin and Hanna	6.8	1.48	.45	10.1
7- 3	C. E. Franklin	6.3	1.76	.45	11.1
7-30	do	6.8	1.45	.50	9.9
8-14	Franklin and Hanna	7.4	1.60	.55	11.8
8-28	C. E. Franklin	7.2	1.42	.52	10.4
10-11	A. E. Johnston	6.6	1.98	.50	13.1
11- 3	do	6.8	2.01	.50	13.7
12- 2	A. W. Hall	7.6	2.08	.58	15.8
<b>1927</b>					
1-24	A. W. Hall	6.6	1.92	0.50	12.8
2-12	do	8.2	2.19	.68	18.5
4- 6	C. E. Franklin	8.0	1.95	.57	15.6
4-27	do	10.1	2.44	.68	24.6
5-11	do	3.4	1.20	.28	4.1
5-25	do	8.0	2.08	.58	16.7
7- 1	do	6.9	1.84	.45	12.7
7-16	do	4.4	1.49	.34	6.6
8- 4	do	6.2	1.71	.43	10.6
8-17	do	7.0	1.83	.54	12.8
8-22	A. W. Hall	6.7	1.97	.48	13.2
9- 1	C. E. Franklin	7.0	1.87	.50	13.1
9-26	do	7.4	1.97	.53	14.6
10-25	do	7.2	2.20	.54	15.8
1-23	do	7.2	1.93	.50	13.9
2-29	do	7.4	2.00	.50	14.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LOGEPOLE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-17	C. E. Franklin	8.4	2.08	0.58	17.5
2- 4	do	8.4	2.15	.60	18.1
2-22	do	9.0	2.35	.77	21.2
3-16	do	7.0	2.16	.53	15.1
4- 4	do	8.0	2.04	.56	16.3
5- 2	do	7.4	1.99	.52	14.7
6- 6	do	8.0	1.93	.55	15.5
6-29	do	7.3	1.81	.56	13.2
7-20	do	5.9	1.59	.43	9.4
8- 3	do	75.5	1.55	.57	117.4
8-24	do	5.8	1.60	.51	9.3
9-17	do	6.3	1.60	.52	10.1
9-27	do	7.0	1.59	.52	11.1
10-16	do	8.2	1.85	.61	15.2
10-26	do	7.0	1.63	.52	11.4
11-19	do	7.9	1.95	.58	15.4
12-17	do	5.4	1.50	.38	8.1

LOGEPOLE CREEK  
Sec. 36, Twp. 15, Rge. 57 W.  
Below Kimball Reservoir

<b>1922</b>					
3-11	T. C. Palmer	3.9	1.16	.....	4.5
<b>1923</b>					
6-23	E. F. Ketcham	5.1	1.08	.....	5.5
7-13	A. H. Atkins	5.1	1.35	.....	6.9
7-30	A. E. Johnston	2.1	.12	.....	2.6
8-30	E. F. Ketcham	5.1	1.08	.....	5.5
<b>1924</b>					
3-25	A. E. Johnston	2.4	1.01	.....	2.4
9- 9	C. G. Hrubesky	1.1	1.03	.....	1.1
9-11	do	3.0	.73	0.50	2.2
10- 9	A. E. Johnston	2.2	1.04	.....	2.3
11-21	do	2.2	1.31	.....	2.9
<b>1925</b>					
1- 9	A. E. Johnston	4.0	1.17	.....	4.7
2- 5	do	3.5	1.08	.....	3.8
3- 5	do	3.7	1.24	.....	4.6
4-11	A. W. Hall	.....	.....	.....	†1.0
4-29	C. E. Franklin	3.0	1.08	.....	3.3
5- 5	A. E. Johnston	4.6	.84	0.80	3.9
5-22	Johnston and Hanna	4.4	1.07	.80	4.7

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LODGEPOLE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6- 3	C. E. Franklin	2.9	1.40	.....	4.1
6-16	do	2.6	1.38	.....	3.6
7- 8	do	2.9	1.02	.....	2.9
8- 4	do	6.4	.48	.....	3.1
8-15	do	4.7	.47	.....	2.2
8-28	do	4.0	.75	.....	3.0
9-11	do	3.4	.85	.....	2.9
9-27	do	3.2	.75	.....	2.4
11-20	A. E. Johnston	3.4	.78	.....	2.7
<b>1926</b>					
2- 3	A. E. Johnston	4.4	1.09	.....	4.8
2-26	do	5.0	.76	.....	3.8
3-11	C. E. Franklin	2.1	1.00	.....	2.1
3-26	do	2.0	1.05	.....	2.1
4- 9	do	2.0	1.36	.....	2.7
4-22	do	2.7	.85	.....	2.3
5-11	Franklin and Hanna	4.5	1.00	.....	4.5
5-24	C. E. Franklin	4.0	1.02	.....	4.1
6- 6	do	3.1	1.16	.....	3.6
7- 3	do	5.4	.55	.....	3.0
7-30	do	4.3	.67	.....	2.9
8-14	Franklin and Hanna	3.4	.80	.....	2.7
8-28	C. E. Franklin	3.6	.78	.....	2.8
10-12	A. E. Johnston	2.1	1.14	0.90	2.4
11- 3	do	2.5	.64	.....	1.6
12- 2	A. W. Hall	5.0	1.12	.....	5.6
12-27	do	2.5	1.23	.....	3.1
<b>1927</b>					
1-24	A. W. Hall	3.7	1.05	.....	3.9
2-12	do	5.7	.82	.....	4.7
4- 6	C. E. Franklin	1.4	.79	.....	1.1
4-27	do	3.2	1.42	.....	4.6
5-11	do	7.4	1.36	.....	10.1
5-25	do	3.1	.84	.....	2.6
7- 1	do	3.5	.83	.....	2.9
7-16	do	5.0	.72	.....	3.6
8- 4	do	4.0	.98	.....	3.9
8-17	do	4.0	.53	.....	2.2
8-22	A. W. Hall	2.4	.38	.....	.9
9- 1	C. E. Franklin	2.4	.29	.....	.7
9-25	do	3.0	.57	.....	1.7
10-25	do	3.0	.80	.....	2.4
11-24	do	3.4	1.09	.....	3.7
12-29	do	3.3	1.06	.....	3.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-17	C. E. Franklin	2.6	1.27	.....	3.3
2- 4	do	3.5	1.08	.....	3.8
2-22	do	3.6	1.22	.....	4.4
3-16	do	1.9	1.00	.....	1.9
4- 4	do	1.2	.88	.....	1.0
5- 2	do	1.8	.67	.....	1.3
6- 6	do	3.6	1.52	.....	5.5
6-29	do	3.3	.....	.....	4.5
7-20	do	4.0	1.27	.....	5.2
8- 3	do	3.3	.91	.....	3.0
8-24	do	4.0	1.35	.....	5.4
9-16	do	2.0	1.40	.....	2.7
9-27	do	2.4	1.20	.....	2.9
10-16	do	3.2	1.40	.....	4.5
10-26	do	2.2	1.00	.....	2.2
11-19	do	3.1	1.10	.....	3.4
12-17	do	2.6	.62	.....	1.6

## LODGEPOLE CREEK

Sec. 29, Twp. 15, Rge. 55 W.  
Near Kimball

<b>1923</b>					
6-22	E. F. Ketcham	28.0	0.94	.....	26.4
7-30	A. E. Johnston	2.9	.91	.....	2.7
8-30	E. F. Ketcham	10.6	1.20	.....	12.8
<b>1924</b>					
3-25	A. E. Johnston	7.5	1.67	.....	12.6
6-23	E. F. Ketcham	9.8	1.50	.....	14.7
10- 9	do	11.7	1.14	.....	13.3
11-21	do	14.2	.82	.....	11.7
<b>1925</b>					
1- 9	A. E. Johnston	5.4	1.66	.....	9.0
2- 5	do	13.9	.86	.....	12.0
3- 5	do	13.5	.64	.....	8.7
4-28	C. E. Franklin	.7	.54	.....	.4
6-18	do	12.2	.82	.....	10.1
7- 7	do	7.5	.67	.....	5.0
8- 4	do	7.7	1.16	.....	8.9
8-15	do	5.8	1.10	.....	6.4
8-16	do	5.1	1.06	.....	5.4
8-28	do	9.6	.99	.....	9.5
9-10	do	5.7	.90	.....	5.1
9-27	do	7.0	.87	.....	6.1
11-20	A. E. Johnston	6.6	1.79	.....	11.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LODGEPOLE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
2- 3	A. E. Johnston	10.4	1.02	.....	10.6
2-26	do	10.3	1.56	.....	16.1
3-11	C. E. Franklin	5.6	2.10	.....	11.8
3-25	do	4.9	1.76	.....	8.7
4- 9	do	5.3	1.68	.....	8.9
4-23	do	1.6	1.28	.....	2.1
5-10	do	3.4	1.31	.....	4.5
6- 7	do	5.4	1.70	.....	9.2
7- 3	do	3.7	1.16	.....	4.3
7-30	do	5.9	1.19	.....	7.0
8-13	do	5.8	1.36	.....	7.9
8-28	do	3.8	1.00	.....	3.8
10-12	A. E. Johnston	13.3	.67	.....	9.0
11- 2	do	10.0	.53	.....	5.3
12- 2	A. W. Hall	13.2	.91	.....	12.0
<b>1927</b>					
2-13	A. W. Hall	6.9	1.74	.....	12.0
4- 6	C. E. Franklin	5.3	1.32	.....	7.0
4-26	do	11.4	1.19	.....	13.6
5-11	do	18.6	1.91	.....	35.7
5-24	do	8.0	.36	.....	2.9
7- 1	do	7.0	1.36	.....	9.5
7-16	do	6.0	1.27	.....	7.6
8- 4	do	10.2	1.13	.....	11.6
8-16	do	9.8	1.18	.....	11.6
8-31	do	6.3	1.14	.....	7.2
9-24	do	10.6	.61	.....	6.5
10-24	do	15.4	.76	.....	11.7
11-24	do	13.6	.84	.....	11.4
12-29	do	12.4	.95	.....	11.8
<b>1928</b>					
1-16	C. E. Franklin	9.6	1.09	.....	10.5
2- 3	do	10.6	1.13	.....	12.0
2-24	do	10.0	1.24	.....	12.4
3-16	do	8.2	1.25	.....	10.2
4- 4	do	5.9	1.08	.....	6.4
5- 4	do	6.4	1.43	.....	9.2
6- 5	do	6.0	1.48	.....	8.9
6-29	do	13.4	1.02	.....	13.7
6-29	do	.....	.....	.....	†35.00
6-30	do	33.3	1.70	.....	56.6
7-19	do	13.9	.94	.....	13.1
8-12	do	11.8	1.21	.....	14.3
8-23	do	7.4	1.16	.....	8.6
9-15	do	6.8	.54	.....	3.7
9-26	do	8.6	.73	.....	6.3
10-15	do	10.0	1.21	.....	12.1
10-25	do	15.0	1.13	.....	16.9
11-19	do	13.4	.89	.....	11.9
12-17	do	22.0	.43	.....	13.9

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

**LOGEPOLE CREEK**  
 Sec. 26, Twp. 15, Rge. 54 W.  
 Near Dix

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-30	A. E. Johnston	2.7	0.11	.....	3.2
<b>1924</b>					
3-25	A. E. Johnston	19.6	0.77	.....	15.2
10- 9	do	.....	.....	.....	.0
11-22	do	.....	.....	.....	.0
<b>1925</b>					
2- 6	A. E. Johnston	1.5	2.33	.....	3.5
3- 6	do	1.0	.85	.....	.9
6- 5	C. E. Franklin	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-10	do	.....	.....	.....	.0
11-20	A. E. Johnston	.....	.....	.....	.0
<b>1926</b>					
2- 2	A. E. Johnston	.....	.....	.....	0.0
2-27	do	.....	.....	.....	.0
3-11	C. E. Franklin	1.7	1.88	.....	3.2
3-25	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7- 2	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
10-11	A. E. Johnston	.....	.....	.....	.0
11- 2	do	.....	.....	.....	.0
<b>1927</b>					
2-15	A. W. Hall	.....	.....	.....	0.0
4- 5	C. E. Franklin	1.0	1.00	.....	1.1
4-27	do	4.8	1.38	.....	6.8
5-12	do	4.5	1.79	.....	8.1
5-26	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
9- 1	do	.....	.....	.....	.0
10-25	do	.....	.....	.....	.0
11-25	do	.....	.....	.....	.0
12-30	do	.....	.....	.....	.0
<b>1928</b>					
1-18	C. E. Franklin	.....	.....	.....	†2.0
2- 4	do	2.7	1.30	.....	3.5
2-24	do	.....	.....	.....	.0
3-17	do	5.6	1.16	.....	6.5

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

 LODGEPOLE CREEK  
 (Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
1923					
4- 4	C. E. Franklin	.....	.....	.....	0.0
6- 7	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	352.0
7-20	do	5.8	1.19	.....	6.9
7-24	do	12.6	1.77	.....	22.3
8-13	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
10-16	do	1.2	1.00	.....	1.2
11-19	do	.....	.....	.....	.0
12-17	do	.....	.....	.....	.0

 LODGEPOLE CREEK  
 Sec. 32, Twp. 14, Rge. 49 W.  
 South of Sidney

1923					
2- 5	A. E. Johnston	1.2	0.88	.....	1.0
2-23	do	1.6	.63	.....	.9
3-20	do	2.4	.88	.....	2.1
4-19	do	1.0	.89	.....	.4
6- 8	do	2.8	.93	.....	2.6
6-21	E. F. Ketcham	6.7	2.26	.....	15.2
8- 1	A. E. Johnston	2.0	1.35	.....	2.7
8- 1	E. F. Ketcham	2.8	1.86	.....	5.2
8-24	do	3.9	2.07	.....	8.1
8-29	do	3.8	2.28	.....	8.7
9-21	do	2.9	1.40	.....	4.1
10-10	do	2.9	1.55	.....	4.5
10-19	do	3.6	2.10	.....	7.6
11- 2	do	3.2	1.91	.....	6.1
11-23	A. E. Johnston	3.7	2.03	.....	7.4
12- 6	do	5.5	1.66	.....	9.1
1924					
2- 4	A. E. Johnston	8.3	0.92	.....	7.7
2-25	do	3.2	1.58	.....	5.0
3-10	do	2.7	1.76	.....	4.7
3-25	do	4.6	2.08	.....	10.0
5- 1	do	2.7	1.98	.....	5.4
6- 4	do	3.6	1.66	.....	6.0
6-28	do	1.6	.70	.....	1.1
8-15	do	1.5	.66	.....	1.0
9- 3	do	2.3	2.48	.....	5.7
10- 9	do	1.8	1.00	.....	1.8
11-10	do	1.3	1.06	.....	1.4
11-22	do	4.3	.37	.....	1.6
1925					
1-12	A. E. Johnston	2.2	0.91	.....	2.0
2- 6	do	1.7	.56	.....	1.0
2-20	do	7.6	.43	.....	3.3
3- 6	do	3.5	.34	.....	1.2
3-23	do	5.4	.31	.....	1.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
4-13	A. W. Hall	11.1	.62	.....	6.9
4-17	A. E. Johnston	6.0	.62	.....	3.8
5- 1	A. W. Hall	1.5	.79	.....	1.2
6- 5	C. E. Franklin	4.3	.21	.....	.9
7- 9	do	1.1	.74	.....	.8
8- 5	do	3.8	1.02	.....	8.9
8-17	do	2.1	1.00	.....	2.1
8-27	do	1.9	.84	.....	1.6
9- 1	do	1.7	.85	.....	4.1
9- 9	do	1.4	.86	.....	1.2
9-27	do	.7	1.12	.....	.7
10- 1	A. E. Johnston	1.1	.61	.....	.6
11-20	do	3.0	.72	.....	1.5
<b>1926</b>					
2- 1	A. E. Johnston	2.0	0.95	.....	1.9
2-19	do	2.0	.75	.....	1.5
2-27	do	2.7	1.03	.....	2.8
3-11	C. E. Franklin	1.6	1.68	.....	2.7
3-25	do	3.7	3.22	.....	1.2
4- 7	do	4.0	.43	.....	1.7
4-21	do	4.1	.48	.....	2.0
5-12	do	2.7	.43	.....	1.1
5-25	do	2.4	.42	.....	1.0
6- 8	do	2.4	.51	.....	1.3
6-23	do	4.7	.30	.....	1.4
7- 8	do	3.6	.70	.....	2.5
8- 5	do	1.5	1.04	.....	1.6
8-18	do	1.6	.64	.....	1.0
9- 1	do	1.2	.69	.....	.8
10-12	A. E. Johnston	2.4	.88	.....	2.1
11- 3	do	4.1	.68	.....	2.8
12- 3	A. W. Hall	5.5	.56	.....	3.1
<b>1927</b>					
2-14	A. W. Hall	4.7	0.53	.....	2.5
3-24	C. E. Franklin	7.2	.82	.....	5.9
4-10	do	3.6	1.56	.....	5.6
4-28	do	3.6	2.06	.....	7.4
5-12	do	8.6	1.32	.....	11.4
7-20	do	4.2	.69	.....	2.9
8-18	do	2.4	.79	.....	1.9
9- 2	do	3.5	.95	.....	3.3
9-28	do	4.6	.48	.....	2.2
11- 1	do	1.8	1.17	.....	2.1
11-25	do	1.6	1.00	.....	1.6
12-18	do	1.8	.78	.....	1.4



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-19	C. E. Franklin	1.1	0.73	.....	0.8
2- 5	do	.....	.....	.....	1.7
2-16	do	2.8	.86	.....	2.4
3- 1	do	1.2	.92	.....	1.1
3-20	do	.9	1.22	.....	1.1
4- 7	do	1.6	.69	.....	1.1
4-16	do	1.6	.75	.....	1.2
5- 5	do	1.4	1.00	.....	1.4
5-29	do	.8	.88	.....	.7
6- 8	do	1.5	.47	.....	.7
7- 3	do	1.6	1.00	.....	1.6
7-24	do	3.9	1.84	.....	7.2
8-13	do	3.6	1.00	.....	3.6
9- 5	do	1.8	.94	.....	1.7
9-18	do	1.4	1.08	.....	1.5
9-28	do	1.7	.97	.....	1.6
10-17	do	3.6	1.75	.....	6.3
10-31	do	2.6	1.96	.....	5.1
11-20	do	2.3	1.44	.....	3.3
12-18	do	1.8	1.28	.....	2.3

## LODGEPOLE CREEK

Sec. 30, Twp. 14, Rge. 46 W.

One Mile West of Lodgepole

<b>1923</b>					
7-12	A. H. Atkins	16.9	1.54	.....	26.0
8- 1	E. F. Ketcham	14.9	.63	.....	9.5
8- 2	A. E. Johnston	4.3	2.02	.....	8.8
8-15	A. H. Atkins	49.6	2.26	.....	112.4
8-24	E. F. Ketcham	21.1	.89	.....	18.8
8-29	do	14.4	1.08	.....	15.7
9-10	A. H. Atkins	10.5	.73	.....	7.8
10- 5	do	15.4	.76	.....	11.8
11-16	do	18.1	.75	.....	13.7
<b>1924</b>					
3-10	A. E. Johnston	14.9	1.83	.....	27.4
3-26	do	15.4	2.24	.....	34.8
5- 1	do	10.4	1.62	.....	16.9
6- 4	do	13.0	1.97	.....	25.7
6-28	do	.5	.44	.....	.2
8-15	do	4.6	1.00	.....	4.6
10- 8	do	2.6	.77	.....	2.0
11-10	do	8.1	.75	.....	6.1
<b>1925</b>					
2-20	A. E. Johnston	5.3	1.66	.....	8.8
3-23	do	8.9	1.00	.....	8.8
4-17	do	3.6	.27	.....	.9

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5- 8	C. E. Franklin	7.1	.32	.....	2.3
6- 6	do	3.1	.48	.....	1.5
6-13	do	4.4	.23	.....	1.0
6-21	do	4.4	1.27	.....	.6
7-10	do	.....	.....	.....	.0
7-10	do	1.4	.57	.....	.8
8- 5	do	.5	1.22	.....	.6
8-17	do	.2	.55	.....	.1
8-26	do	.7	.13	.....	.1
9- 1	do	13.4	.37	.....	6.3
9- 9	do	11.3	.23	.....	2.6
9-16	do	12.1	.28	.....	3.4
9-27	do	10.3	.32	.....	3.3
11-20	A. E. Johnston	13.9	2.23	.....	6.2
<b>1926</b>					
2- 1	A. E. Johnston	.....	.....	.....	Ice
2-19	do	.....	.....	.....	Ice
3-16	C. E. Franklin	12.6	0.47	.....	5.9
3-29	do	18.9	.52	.....	10.7
3-30	do	14.6	.72	.....	10.5
4-14	do	13.6	2.86	.....	3.9
4-28	do	8.7	.15	.....	1.3
5-12	do	16.2	.35	.....	5.7
5-25	do	9.0	2.75	.....	2.5
6-12	do	1.2	.92	.....	1.1
6-24	do	8.4	.10	.....	.8
7- 9	do	.....	.....	.....	†.3
8- 6	do	.3	.77	.....	.2
8-18	do	.....	.....	.....	.5
9- 2	do	3.2	.86	.....	2.8
<b>1927</b>					
2-14	A. W. Hall	.....	.....	.....	Ice
3-24	C. E. Franklin	25.4	0.73	.....	18.6
4-10	do	19.6	.77	.....	15.2
4-28	do	22.8	1.05	.....	23.9
5-12	do	16.2	.81	.....	13.1
7-21	do	3.0	1.40	.....	4.2
8-19	do	5.7	1.08	.....	6.2
9- 2	do	3.4	1.41	.....	4.8
9-28	do	2.8	4.19	.....	11.7
11- 1	do	6.1	1.23	.....	7.5
11-25	do	6.5	1.66	.....	10.8
12-18	do	4.4	1.00	.....	4.4
<b>1928</b>					
1-19	C. E. Franklin	3.9	1.28	.....	5.1
2-16	do	3.3	1.94	.....	6.4
3- 1	do	6.4	1.00	.....	6.4
3-20	do	5.3	1.71	.....	9.1
4- 7	do	2.4	1 16	.....	2.8

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LODGEPOLE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
4-16	C. E. Franklin	2.0	.70	.....	1.4
5- 8	do	.4	.75	.....	.3
6-13	do	2.0	.51	.....	1.0
7- 5	do	8.8	1.33	.....	11.7
7-25	do	9.8	1.45	.....	14.2
8-13	do	5.8	1.24	.....	7.2
9- 6	do	4.3	1.00	.....	4.3
9-19	do	6.4	1.62	.....	10.4
9-28	do	2.0	3.20	.....	6.4
10-17	do	18.0	.78	.....	14.0
11- 2	do	11.4	1.44	.....	16.4
11-20	do	6.8	.90	.....	6.1
12-18	do	10.4	1.13	.....	11.8

LODGEPOLE CREEK  
Sec. 22, Twp. 13, Rge. 45 W.  
Near Chappell

<b>1923</b>					
7-12	A. H. Atkins	5.8	2.68	.....	23.0
8- 2	A. E. Johnston	5.1	1.97	.....	10.0
8-29	E. F. Ketcham	28.0	.84	.....	26.0
9-10	A. H. Atkins	8.0	1.50	.....	12.0
10- 5	do	7.0	2.10	.....	15.0
11-16	do	7.0	2.00	.....	14.0
<b>1925</b>					
6-13	C. E. Franklin	0.9	1.05	.....	0.9
6-22	do	1.0	.71	.....	.7
8- 5	do	1.0	.70	.....	.7
8-17	do	.9	.83	.....	.8
8-26	do	.5	.59	.....	.3
9- 2	do	.7	.62	.....	.5
9- 8	do	.8	.79	.....	.6
9-16	do	.8	.71	.....	.6
9-26	do	1.0	.48	.....	.5
<b>1926</b>					
3-16	C. E. Franklin	14.0	1.17	.....	16.4
3-30	do	.....	.....	.....	10.5
4-14	do	19.9	.70	.....	14.0
4-28	do	13.6	.46	.....	6.3
5-12	do	8.4	.71	.....	6.1
5-25	do	2.6	3.09	.....	.8
6-24	do	1.4	.50	.....	.7
7-10	do	.9	.65	.....	.6
9- 2	do	.6	1.00	.....	.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LODGEPOLE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
2-14	A. W. Hall	16.5	0.46	.....	7.7
3-24	C. E. Franklin	9.2	2.64	.....	24.2
4-11	do	6.8	2.91	.....	19.2
4-28	do	8.2	3.88	.....	31.8
5-12	do	8.0	3.26	.....	26.1
7-15	do	.5	.55	.....	.3
8-19	do	4.6	1.67	.....	7.7
9- 3	do	5.6	1.37	.....	7.7
9-28	do	.9	1.45	.....	1.3
11- 1	do	8.6	1.65	.....	14.2
11-25	do	12.7	1.22	.....	15.6
12-18	do	4.6	3.10	.....	14.4
<b>1928</b>					
1-19	C. E. Franklin	7.2	1.61	.....	11.7
2-16	do	4.0	1.45	.....	5.8
3- 1	do	3.4	.55	.....	18.9
3-20	do	3.8	2.44	.....	9.3
4- 8	do	1.4	.93	.....	1.3
4-16	do	2.8	1.00	.....	2.8
6-16	do	3.9	1.23	.....	4.8
7- 5	do	5.1	2.28	.....	11.6
7-25	do	4.8	2.46	.....	11.8
8-13	do	5.2	2.48	.....	12.9
9- 6	do	2.2	1.36	.....	3.0
9-19	do	2.6	2.70	.....	7.0
9-29	do	3.6	2.98	.....	10.7
10-17	do	2.4	3.15	.....	7.6
11- 2	do	12.0	1.05	.....	12.6
11-20	do	5.8	2.42	.....	14.0
12-18	do	8.4	1.94	.....	16.3

LODGEPOLE CREEK  
Sec. 13, Twp. 12, Rge. 45 W.  
Colorado-Nebraska Line

<b>1922</b>					
8- 7	A. E. Johnston	2.3	0.82	.....	1.9
8-10	do	1.4	.64	.....	.9
8-31	Johnston and Eyerly	1.5	.66	.....	1.0
<b>1923</b>					
6-22	E. F. Ketcham	67.0	0.77	.....	51.0
<b>1925</b>					
3-23	A. E. Johnston	7.9	1.83	.....	14.4
4-17	do	2.2	.54	.....	1.2
5- 6	do	1.0	.60	.....	.6
5-11	C. E. Franklin	1.6	.36	.....	.6
5-29	do	1.7	.58	.....	1.0
6-13	do	.8	.50	.....	.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

 LODGPOLE CREEK  
 (Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1925</b>					
6-22	C. E. Franklin	3.2	.34	.....	1.1
7-11	do	.7	.74	.....	.5
7-31	do	.7	1.24	.....	.6
8- 6	do	.8	.68	.....	.5
8-11	do	1.5	1.06	.....	1.6
8-18	do	1.0	.75	.....	.8
8-25	do	1.2	.63	.....	.8
9- 2	do	1.4	.47	.....	.6
9- 8	do	1.1	.88	.....	1.0
9-16	do	1.4	.66	.....	1.0
9-26	do	1.4	.50	.....	.7
10- 1	A. E. Johnston	2.7	.27	.....	.7
<b>1926</b>					
2- 1	A. E. Johnston	6.7	1.76	.....	11.8
3-16	C. E. Franklin	9.6	1.86	1.62	17.9
3-23	do	10.5	1.47	1.58	15.5
3-30	do	6.9	1.25	1.38	8.6
4- 6	do	8.9	1.44	1.55	14.1
4-15	do	7.8	1.50	1.58	11.7
4-21	do	6.4	1.05	1.26	6.7
4-28	do	7.2	1.33	1.35	9.6
5- 7	do	9.8	1.81	1.65	17.7
5-13	do	7.0	1.21	1.34	8.5
5-19	**C. E. Feetham	4.8	.78	1.16	3.7
5-21	C. E. Franklin	5.3	.86	1.15	4.6
5-25	do	4.1	.66	1.09	2.7
6- 1	do	5.2	.46	1.10	2.4
6-13	do	1.9	.44	.89	.4
7- 1	do	.....	.....	.....	†.5
7-12	do	4.9	.43	1.10	2.1
8- 6	do	3.5	.21	1.11	.7
8-19	do	2.9	.29	.95	1.0
8-19	**C. E. Feetham	3.0	.27	.94	.8
9- 3	C. E. Franklin	4.1	.44	1.06	1.8
10-12	A. E. Johnston	3.3	1.15	.....	3.8
<b>1927</b>					
2-14	A. W. Hall	7.7	1.81	1.48	13.9
3-24	C. E. Franklin	14.4	2.02	2.10	29.1
4-11	do	10.2	1.86	2.00	19.0
4-29	do	17.5	2.06	2.30	36.0
5-12	do	13.2	1.95	2.10	25.8
5-17	**C. E. Feetham	10.3	1.54	.89	15.8
7- 7	C. E. Franklin	5.0	.16	1.20	.8
7-19	**C. E. Feetham	5.1	.19	.30	1.0
8-19	C. E. Franklin	7.8	1.60	1.65	12.5
9- 3	do	7.5	1.11	1.55	8.4

\*\*Colorado measurements.  
 †Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LODGEPOLE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
9-15	**C. E. Feetham	5.4	.71	.38	3.8
9-29	C. E. Franklin	4.8	.71	1.30	3.6
11- 1	do	5.2	.79	1.30	4.1
11-25	do	8.9	1.80	1.70	16.1
12-18	do	6.8	1.26	1.45	8.7
<b>1928</b>					
1-20	C. E. Franklin	4.4	0.52	1.18	2.3
2-16	do	5.4	1.00	1.30	5.5
3- 1	do	9.8	1.99	1.80	19.5
3-20	do	9.6	1.75	1.70	16.8
4- 8	do	7.5	1.64	1.54	12.3
4-16	do	2.3	.22	.90	.5
6-16	do	8.0	1.30	1.55	10.4
7- 5	do	10.7	1.22	1.75	13.1
7-25	do	10.9	1.72	1.90	18.8
8-13	do	10.1	1.65	1.80	16.7
9- 6	do	8.2	.85	1.50	6.9
9-19	do	6.9	.72	1.40	5.0
9-29	do	10.0	1.11	1.65	11.1
10-17	do	8.4	.80	1.50	6.7
11- 2	do	11.0	1.27	1.80	14.8
11-20	do	12.8	1.60	2.00	18.9
12-18	do	9.9	1.40	1.80	13.8

LODGEPOLE CREEK  
At Ovid, Colorado

<b>1922</b>					
1-28	T. C. Palmer	10.2	1.19	.....	12.1
2-24	do	10.2	1.14	.....	11.6
3-14	do	10.0	1.51	.....	15.1
5-17	do	6.3	1.28	.....	8.1
6- 9	A. E. Johnston	5.6	.61	.....	3.4
6-26	do	5.0	.70	.....	3.5
6-27	T. C. Palmer	4.1	1.41	.....	5.8
7-10	do	4.2	1.52	.....	6.4
7-11	A. E. Johnston	5.0	.52	.....	3.1
7-29	do	12.9	.76	.....	9.7
8- 7	do	7.0	.77	.....	5.4
8-19	do	1.8	1.22	.....	2.2
8-31	Johnston and Eyerly	4.4	.97	.....	4.6
9-20	A. E. Johnston	2.0	1.70	.....	3.4
9-30	do	2.1	1.23	.....	2.6
10-17	do	.....	.....	.....	3.4
11-21	do	.....	.....	.....	3.1

\*\*Colorado measurements.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
1- 4	A. E. Johnston	2.0	1.96	.....	3.9
1-18	do	4.9	1.18	.....	5.8
2- 5	do	4.6	.83	.....	3.8
2-23	do	5.6	1.23	.....	6.9
3-20	do	3.5	1.03	.....	3.6
4-19	do	5.6	1.35	.....	7.6
5-25	do	24.6	2.97	.....	73.2
6- 4	Bailey and Ketcham	18.1	2.67	.....	48.3
6- 8	A. E. Johnston	16.9	2.59	.....	43.9
7- 3	do	17.0	2.24	.....	38.1
7-12	A. H. Atkins	35.1	2.89	.....	101.5
7-16	A. E. Johnston	39.5	.98	.....	38.9
7-31	E. F. Ketcham	15.9	1.06	.....	16.8
8- 2	A. E. Johnston	18.1	1.42	.....	24.6
8-15	A. H. Atkins	13.4	2.02	.....	27.2
8-22	A. E. Johnston	20.5	1.94	.....	39.9
8-29	E. F. Ketcham	18.4	1.86	.....	34.4
9-10	A. H. Atkins	11.6	1.61	.....	19.4
9-21	A. E. Johnston	14.8	2.41	.....	35.8
10- 4	A. H. Atkins	17.7	1.66	.....	29.5
10-10	A. E. Johnston	15.5	2.26	.....	35.0
10-19	do	12.3	2.23	.....	27.5
11- 3	do	13.3	2.33	.....	31.0
11-16	A. H. Atkins	19.2	1.77	.....	34.1
11-23	A. E. Johnston	12.6	2.29	.....	28.9
12- 5	do	12.2	1.39	.....	29.2
<b>1924</b>					
2- 4	A. E. Johnston	40.7	1.60	.....	65.5
2-25	do	12.9	2.00	.....	25.9
3-10	do	13.0	2.19	.....	28.5
3-26	do	15.1	2.22	.....	33.7
5- 1	do	15.5	1.90	1.30	29.5
6- 3	do	14.3	1.99	1.20	28.5
6-28	do	8.0	.82	.90	6.6
8- 5	do	5.6	.96	.60	5.4
8-18	C. G. Hrubesky	11.0	.81	.....	8.9
8-25	A. E. Johnston	5.4	.95	.70	5.1
8-30	C. G. Hrubesky	9.4	.80	.....	7.5
9- 3	A. E. Johnston	4.4	1.11	.65	4.9
9-15	C. G. Hrubesky	.....	.....	.....	28.7
10- 8	A. E. Johnston	10.8	1.17	1.00	12.6
11-10	do	10.3	1.33	.95	13.7
<b>1925</b>					
1-12	A. E. Johnston	7.5	1.33	.....	10.0
2-19	do	14.3	1.68	1.10	24.0
3-23	do	19.1	2.02	1.55	38.8
4-17	do	12.2	1.66	1.25	20.3
5- 1	A. W. Hall	2.1	1.53	.....	3.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LODGEPOLE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5- 6	A. E. Johnston	2.7	.70	.70	1.9
6- 4	do	1.6	.75	.65	1.2
6-13	C. E. Franklin	2.8	1.07	.80	3.0
6-22	do	2.6	.61	.69	1.6
7-11	do	2.6	.46	.69	1.2
7-31	do	2.8	.96	.....	2.7
8- 6	do	3.6	1.00	.....	3.6
8-11	do	6.8	1.22	.....	8.3
8-18	do	6.0	1.07	.90	6.4
8-25	do	5.3	.56	.82	3.0
9- 2	do	5.8	.62	.85	3.6
9- 8	do	7.5	.69	.....	5.2
9-16	do	8.7	.73	1.00	6.3
9-26	do	2.8	1.26	.....	3.5
10- 1	A. E. Johnston	.....	.....	.....	4.3
11-17	do	.....	.....	.60	7.8
11-20	do	.....	.....	.50	6.0
<b>1926</b>					
2- 1	A. E. Johnston	.....	.....	0.80	12.0
2-19	do	.....	.....	.30	2.8
3- 8	Franklin and Bailey	.....	.....	.....	14.9
3-17	C. E. Franklin	23.2	2.02	.....	47.8
3-23	do	15.8	1.26	.....	19.9
3-30	do	15.0	1.73	.....	26.0
4- 6	do	14.5	1.88	2.90	27.3
4-15	do	11.4	1.61	1.70	18.4
4-21	do	4.0	1.37	2.30	5.5
4-28	do	11.2	1.50	2.52	16.8
5-13	do	10.6	1.62	2.50	17.2
5-21	do	12.4	1.82	2.80	22.6
5-25	do	7.8	1.06	.....	8.3
6-13	do	6.4	1.39	2.30	8.9
7-12	do	17.8	2.46	1.90	43.8
8- 6	do	6.0	.90	1.28	5.4
8-25	do	8.4	1.50	1.50	12.6
9- 4	do	8.0	1.20	1.45	9.6
10-12	A. E. Johnston	8.0	1.14	1.50	9.1
11- 3	do	3.9	1.23	1.30	4.8
<b>1927</b>					
4-12	C. E. Franklin	13.4	1.52	2.00	20.4
4-29	do	17.1	1.92	.....	33.0
<b>LODGEPOLE CREEK</b>					
Sec. 35, Twp. 14, Rge. 49 W.					
<b>1928</b>					
5-30	C. E. Franklin	.....	.....	.....	0.0
5-31	do	5.2	0.62	.....	3.3
6- 8	do	5.2	.88	.....	4.6



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

Sec. 7, Twp. 14, Rge. 58 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
4-30	C. E. Franklin	5.3	1.43	.....	7.6

## LODGEPOLE CREEK

Sec. 1, Twp. 14, Rge. 58 W.

1922					
3-11	T. C. Palmer	22.3	0.70	.....	15.6
1923					
6-23	E. F. Ketcham	10.5	1.86	.....	19.6
7-13	A. H. Atkins	27.0	.60	.....	16.9
7-30	A. E. Johnston	5.5	1.62	.....	8.9
8-30	E. F. Ketcham	6.6	2.40	.....	15.9

## LODGEPOLE CREEK

Secs. 25 and 26, Twp. 15, Rge. 56 W.

1924					
9-11	C. G. Hrubesky	6.9	1.83	.....	12.8
1925					
4-11	A. W. Hall	7.9	0.89	.....	7.0
4-28	C. E. Franklin	1.7	.62	.....	1.0
5- 4	A. E. Johnston	1.7	.47	.....	.8
6- 3	C. E. Franklin	2.6	.96	.....	2.5
8- 4	do	6.3	1.78	.....	11.2
8-15	do	5.0	2.08	.....	10.4
8-28	do	4.4	2.48	.....	10.9
9-10	do	5.7	1.65	.....	9.4
9-27	do	3.7	2.60	.....	9.6
1927					
8- 2	A. W. Hall	10.8	1.08	.....	12.8

## LODGEPOLE CREEK

Sec. 30, Twp. 15, Rge. 55 W.

1922					
3-11	T. C. Palmer	9.5	1.06	.....	10.0
5-17	do	4.2	1.09	.....	4.6
1925					
4-29	C. E. Franklin	3.4	0.92	.....	3.1

## LODGEPOLE CREEK

Sec. 23, Twp. 15, Rge. 55 W.

1925					
5- 1	C. E. Franklin	2.1	1.55	.....	3.3

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LOGEPOLE CREEK  
Sec. 33, Twp. 15, Rge. 56 W.  
Above Kinney Headgate

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
4-29	C. E. Franklin	2.4	0.63	.....	1.5

Below Kinney Headgate

1925					
4-29	C. E. Franklin	0.3	0.46	.....	0.1
5- 4	A. E. Johnston	1.0	.31	.....	.5

LOGEPOLE CREEK  
Sec. 31, Twp. 15, Rge. 56 W.  
Below Ruttner Headgate

1925					
4-29	C. E. Franklin	0.65	1.47	.....	0.9
5- 4	A. E. Johnston	.55	.49	.....	.2

Above Ruttner Headgate

1925					
4-29	C. E. Franklin	2.7	1.92	.....	5.1

LOGEPOLE CREEK  
Sec. 30, Twp. 15, Rge. 54 W.

1926					
7-31	C. E. Franklin	7.0	0.42	.....	2.9

LOGEPOLE CREEK  
Sec. 28, Twp. 15, Rge. 54 W.

1925					
5- 1	C. E. Franklin	0.3	0.43	.....	0.1

LOGEPOLE CREEK  
Sec. 6, Twp. 14, Rge. 52 W.  
Near Potter

1924					
10- 9	A. E. Johnston	.....	.....	.....	0.0
11-22	do	.....	.....	.....	.0
1925					
2- 6	A. E. Johnston	.....	.....	.....	0.0
3- 6	do	.....	.....	.....	.0
11-20	do	.....	.....	.....	.0
1926					
2- 2	A. E. Johnston	.....	.....	.....	0.0
2-27	do	.....	.....	.....	.0
10-11	do	.....	.....	.....	.0
11- 2	do	.....	.....	.....	.0
1927					
2-15	A. W. Hall	.....	.....	.....	0.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
6-30	C. E. Franklin	.....	.....	.....	0.0
7-20	do	.....	.....	.....	290.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
<b>LODGEPOLE CREEK</b>					
Sec. 3, Twp. 14, Rge. 52 W.					
<b>1925</b>					
5- 2	C. E. Franklin	2.2	0.73	.....	1.6
<b>LODGEPOLE CREEK</b>					
Sec. 1, Twp. 14, Rge. 52 W.					
<b>1925</b>					
4-13	A. W. Hall	6.1	0.75	.....	4.6
<b>LODGEPOLE CREEK</b>					
Sec. 14, Twp. 14, Rge. 51 W.					
<b>1922</b>					
3-11	T. C. Palmer	5.5	1.00	.....	5.5
<b>LODGEPOLE CREEK</b>					
Sec. 10, Twp. 14, Rge. 51 W.					
<b>1925</b>					
5- 2	C. E. Franklin	0.9	0.95	.....	0.8
<b>LODGEPOLE CREEK</b>					
Sec. 35, Twp. 14, Rge. 50 W.					
<b>1923</b>					
7-13	A. H. Atkins	19.9	0.78	.....	15.6
<b>1928</b>					
5-29	C. E. Franklin	.....	.....	.....	0.0
6- 8	do	.....	.....	.....	.0
<b>LODGEPOLE CREEK</b>					
Sec. 7, Twp. 14, Rge. 51 W.					
<b>1922</b>					
2-11	T. C. Palmer	3.9	1.49	.....	5.8
<b>1925</b>					
5- 2	C. E. Franklin	0.6	1.00	.....	0.6
<b>LODGEPOLE CREEK</b>					
Sec. 31, Twp. 14, Rge. 49 W.					
<b>1922</b>					
3-13	T. C. Palmer	5.0	1.24	.....	6.2
5-17	do	2.5	1.04	.....	2.6
<b>1925</b>					
5- 5	C. E. Franklin	2.8	0.41	.....	1.2
6-20	do	2.5	1.04	.....	2.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

Sec. 34, Twp. 14, Rge. 49 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5-30	C. E. Franklin	1.7	1.88	.....	3.2
6- 8	do	1.5	1.86	.....	2.3

## LODGEPOLE CREEK

Sec. 36, Twp. 14, Rge. 48 W.

1923					
6- 9	C. E. Franklin	.....	.....	.....	0.1

## LODGEPOLE CREEK

Sec. 29, Twp. 14, Rge. 48 W.

1925					
5- 5	C. E. Franklin	1.3	0.61	.....	0.8
1928					
5-31	C. E. Franklin	5.3	0.79	.....	4.2
6- 9	do	5.8	.33	.....	1.9

## LODGEPOLE CREEK

Sec. 31, Twp. 14, Rge. 48 W.

1922					
3-13	T. C. Palmer	6.8	1.11	.....	7.5

## LODGEPOLE CREEK

Sec. 25, Twp. 14, Rge. 48 W.

1925					
5- 6	C. E. Franklin	0.9	0.67	.....	0.6
1928					
5-31	C. E. Franklin	.....	.....	.....	0.0
6- 9	do	.....	.....	.....	.2

## LODGEPOLE CREEK

Secs. 27 and 28, Twp. 14, Rge. 47 W.  
Near Sunol

1928					
5-31	C. E. Franklin	3.6	0.83	.....	3.0
6-13	do	2.7	.85	.....	2.3

## LODGEPOLE CREEK

Sec. 36, Twp. 14, Rge. 47 W.

1926					
5-31	C. E. Franklin	.....	.....	.....	0.2
6-13	do	.....	.....	.....	.3

## LODGEPOLE CREEK

Sec. 33, Twp. 14, Rge. 47 W.

1923					
5-31	C. E. Franklin	.....	.....	.....	0.3
6-13	do	0.3	1.8	.....	.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LODGEPOLE CREEK  
NE¼ Sec. 31, Twp. 14, Rge. 47 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
3-13	T. C. Palmer	2.7	3.19	.....	8.6
<b>1925</b>					
5- 6	C. E. Franklin	3.5	2.61	.....	9.2
<b>1928</b>					
5-31	C. E. Franklin	2.3	4.27	.....	9.8
6-13	do	1.5	.35	.....	5.3

LODGEPOLE CREEK  
Sec. 30, Twp. 14, Rge. 47 W.

<b>1928</b>					
5-31	C. E. Franklin	2.8	1.53	.....	4.3
6-13	do	2.5	2.48	.....	6.2

LODGEPOLE CREEK  
Sec. 28, Twp. 14, Rge. 47 W.

<b>1923</b>					
7-25	C. E. Franklin	.....	.....	.....	15.7

LODGEPOLE CREEK  
Sec. 26, Twp. 14, Rge. 47 W.

<b>1925</b>					
5- 6	C. E. Franklin	3.6	0.91	.....	3.3
<b>1928</b>					
5-31	C. E. Franklin	.....	.....	.....	0.0
6-13	do	3.9	0.72	.....	2.7

LODGEPOLE CREEK  
Sec. 33, Twp. 14, Rge. 46 W.

<b>1925</b>					
5- 8	C. E. Franklin	1.4	0.38	.....	1.9
<b>1928</b>					
6- 2	C. E. Franklin	1.2	1.83	.....	2.2
6-13	do	2.0	2.10	.....	4.2

LODGEPOLE CREEK  
Sec. 31, Twp. 14, Rge. 46 W.

<b>1925</b>					
5- 7	C. E. Franklin	1.7	1.33	.....	2.3
<b>1928</b>					
6- 2	C. E. Franklin	.....	.....	.....	0.5
6-13	do	3.2	0.85	.....	2.7

LODGEPOLE CREEK  
Sec. 12, Twp. 13, Rge. 46 W.

<b>1928</b>					
7-13	C. E. Franklin	4.0	1.42	.....	5.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

Sec. 11, Twp. 13, Rge. 46 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
7-13	C. E. Franklin	1.2	4.0	.....	4.8

## LODGEPOLE CREEK

Sec. 3, Twp. 13, Rge. 46 W.

1928					
6-2	C. E. Franklin	2.1	1.57	.....	3.3
6-13	do	2.3	1.95	.....	4.5

## LODGEPOLE CREEK

Sec. 18, Twp. 13, Rge. 45 W.

1928					
6-2	C. E. Franklin	3.0	1.70	.....	5.3
6-13	do	4.6	2.39	.....	11.0

## LODGEPOLE CREEK

Sec. 22, Twp. 13, Rge. 45 W.

1922					
3-14	T. C. Palmer	7.5	1.18	.....	8.8
1928					
7-16	C. E. Franklin	3.2	1.66	.....	5.3

## LODGEPOLE CREEK

Sec. 16, Twp. 13, Rge. 45 W.

1925					
5-9	C. E. Franklin	0.8	0.34	.....	0.3
1928					
7-14	C. E. Franklin	6.0	1.20	.....	7.2
7-16	do	3.6	1.47	.....	5.3

## LODGEPOLE CREEK

West Line, Sec. 29, Twp. 15, Rge. 54 W.

1922					
3-11	T. C. Palmer	3.8	0.98	.....	3.7
1924					
9-10	C. G. Hrubesky	.....	.....	.....	0.1
1925					
5-1	C. E. Franklin	1.2	0.43	.....	0.5
9-27	do	.6	.70	.....	.4
1928					
2-24	C. E. Franklin	2.8	1.65	.....	4.6
3-16	do	3.2	1.59	.....	5.1
4-4	do	3.8	.71	.....	2.7

## LODGEPOLE CREEK

Below Green's Well at Bushnell

1927					
7-8	C. E. Franklin	6.7	1.49	.....	9.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

Sec. 26, Twp. 15, Rge. 56 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
4-28	C. E. Franklin	1.7	0.62	.....	1.0
5- 4	A. E. Johnston	1.7	2.08	.....	.8
6- 3	C. E. Franklin	2.6	.96	.....	2.5
<b>1927</b>					
8- 2	A. W. Hall	10.8	1.08	.....	12.8

## LODGEPOLE CREEK

Sec. 28, Twp. 15, Rge. 55 W.

<b>1923</b>					
7-13	A. H. Atkins	5.7	1.50	.....	8.6
<b>1924</b>					
9-10	C. G. Hrubesky	1.3	1.10	.....	1.4
<b>1925</b>					
4-11	A. W. Hall	14.4	0.58	.....	8.4
5- 1	C. E. Franklin	1.3	.44	.....	.6
6- 4	do	1.7	.59	.....	1.0
6-19	do	1.8	.33	.....	.6
7- 7	do	.5	.86	.....	.4
8- 5	do	1.2	.81	.....	1.0
8-16	do	1.1	1.17	.....	1.3
8-28	do	.9	.43	.....	.4
9-10	do	1.2	.43	.....	.5
9-27	do	.6	.70	.....	.4
<b>1927</b>					
8- 5	C. E. Franklin	3.9	0.51	.....	2.0
8-17	do	.....	.....	.....	1.0
9- 1	do	.....	.....	.....	.5
11-24	do	5.0	2.10	.....	10.6
12-29	do	5.6	1.78	.....	9.9
<b>1928</b>					
1-18	C. E. Franklin	5.4	1.78	.....	9.6
2- 3	do	5.3	1.81	.....	9.6
2-24	do	6.2	1.82	.....	11.3
3-16	do	6.1	1.85	.....	11.1
4- 4	do	4.4	1.41	.....	6.2
5- 4	do	2.7	.55	.....	1.6
6- 7	do	1.1	.82	.....	.9
7-20	do	4.2	1.88	.....	7.9
8-12	do	.....	.....	.....	†1.0
8-23	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	†.5
9-26	do	3.6	.64	.....	2.3
10-15	do	2.4	.92	.....	2.2
10-25	do	8.0	1.69	.....	13.5
11-19	do	4.8	2.48	.....	11.9
12-19	do	5.4	.61	.....	3.3

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LODGEPOLE CREEK

Sec. 33, Twp. 14, Rge. 46 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5- 8	C. E. Franklin	1.4	0.38	.....	1.9
<b>1928</b>					
6- 2	C. E. Franklin	1.2	1.83	.....	2.2
6-13	do	2.0	2.10	.....	4.2

## LOGAN CREEK

Sec. 11, Twp. 19, Rge. 8 E.

<b>1923</b>					
7- 2	A. H. Atkins	0.4	0.77	.....	0.3

## LONERGAN CREEK

Sec. 18, Twp. 15, Rge. 39 W.

<b>1921</b>					
3- 1	T. C. Palmer	4.2	0.82	.....	3.4
3-31	do	2.7	1.54	.....	4.2
5- 4	do	4.0	.90	.....	3.6
7- 7	A. H. Atkins	3.7	1.33	.....	4.9
7-16	do	2.8	.61	.....	1.7
7-27	do	4.3	1.00	.....	4.3
8- 4	do	3.9	1.30	.....	5.1
8-11	do	5.4	1.44	.....	7.7
8-14	**J. K. Rohrer	.....	.....	.....	3.0
8-19	A. H. Atkins	5.4	1.42	.....	7.6
10-14	T. C. Palmer	2.8	.54	.....	1.5
<b>1922</b>					
4- 7	A. E. Johnston	6.9	1.10	.....	7.3
4-19	do	5.5	.94	.....	5.2
5- 2	do	6.0	1.00	.....	6.2
5-16	do	3.3	.63	.....	2.1
6- 1	do	7.8	1.17	.....	9.2
7- 2	do	6.9	.93	.....	6.4
7-21	do	8.3	.69	.....	5.8
9- 1	Johnston and Eyerly	3.3	1.42	.....	4.7
9-16	Johnston and Easterday	2.9	1.53	.....	4.3
11-27	A. E. Johnston	.....	.....	.....	6.0
<b>1923</b>					
1-12	A. E. Johnston	2.7	2.03	.....	5.4
2-10	do	3.2	2.07	.....	6.7
3- 1	do	3.7	2.92	.....	10.8
3-29	do	3.2	2.32	.....	7.3
4-10	do	2.7	2.14	.....	5.8
5-17	do	2.8	2.55	.....	7.2
5-29	do	3.4	3.01	.....	10.1
6-13	do	3.0	2.10	.....	6.3
6-29	do	1.9	1.33	.....	2.5

\*\*U. S. R. S. measurements.



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LONERGAN CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7- 6	E. F. Ketcham	2.0	.67	.....	1.4
7-20	A. E. Johnston	3.7	2.03	.....	7.4
7-25	A. H. Atkins	3.5	1.44	.....	5.1
8-10	A. E. Johnston	4.7	2.61	.....	9.5
8-27	A. H. Atkins	2.9	.98	.....	2.9
9-12	A. E. Johnston	2.7	1.60	.....	4.3
9-27	A. H. Atkins	3.4	1.22	.....	4.2
10-16	do	4.8	1.36	.....	6.6
10-19	Atkins and Wood	4.2	1.57	.....	6.6
<b>1924</b>					
2- 9	A. E. Johnston	4.2	1.95	.....	8.2
3- 4	do	4.0	1.96	.....	7.8
3-13	do	4.7	2.05	.....	9.6
4- 4	do	4.0	2.02	.....	8.1
4-21	do	4.4	1.84	.....	8.1
5-21	do	.3	5.37	.....	1.5
6-14	do	3.0	1.35	.....	4.1
7-16	do	.6	.55	.....	.3
7-24	do	2.5	1.84	.....	3.4
8- 2	C. G. Hrubesky	2.9	1.31	.....	3.8
8-16	do	1.2	.65	.....	.8
8-26	A. E. Johnston	2.8	1.60	.....	4.5
9- 1	C. G. Hrubesky	3.2	1.39	.....	4.5
10- 7	A. E. Johnston	2.3	1.70	.....	3.9
10-25	do	4.0	1.88	.....	7.5
11-17	do	2.7	1.77	.....	4.8
12- 1	do	3.4	2.27	.....	7.7
<b>1925</b>					
2- 9	A. E. Johnston	6.1	1.52	.....	9.3
3-10	do	5.2	1.33	.....	6.9
4- 7	do	3.2	2.68	.....	8.6
5-19	do	4.0	1.85	.....	7.4
6- 2	do	.5	.69	.....	.3
6-15	do	3.9	2.02	.....	7.9
6-26	do	2.5	1.32	.....	3.3
7- 9	do	3.3	2.06	.....	6.8
7-15	do	3.7	1.60	.....	5.9
7-22	do	3.3	1.82	.....	6.0
8- 4	do	3.0	1.77	.....	5.3
8-13	do	4.0	1.57	.....	6.3
8-26	do	2.9	1.82	.....	5.3
9-16	do	2.6	1.38	.....	3.6
9-25	do	3.5	1.40	.....	4.9
10-15	do	4.7	.81	.....	3.8
11- 4	do	6.5	.95	.....	6.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LONERGAN CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
1-20	A. E. Johnston	5.3	1.15	.....	6.1
2- 9	do	3.6	1.78	.....	6.4
3-18	do	3.1	1.68	.....	5.2
4- 9	do	2.7	2.02	.....	5.4
4-29	do	.....	.....	.....	†.2
5-20	do	2.0	1.45	.....	2.9
6-14	do	3.4	1.91	.....	6.5
6-28	do	1.1	.90	.....	1.0
7-23	do	1.2	1.50	.....	1.8
7-30	do	1.7	1.41	.....	2.4
8- 9	do	.8	1.00	.....	.8
8-20	do	3.1	1.64	.....	5.1
9- 2	do	3.9	1.41	.....	5.5
9-29	do	2.4	2.00	.....	4.8
10-26	do	3.0	1.35	.....	4.1
11-12	do	4.4	1.89	.....	8.3
<b>1927</b>					
2-18	A. W. Hall	4.8	1.96	.....	9.4
3-23	do	7.0	2.06	.....	14.4
4- 6	A. E. Johnston	4.5	1.75	.....	7.9
4-19	do	5.3	1.60	.....	8.6
5- 4	do	4.7	1.49	.....	7.0
5-20	do	4.6	1.28	.....	5.9
6-15	do	3.5	1.29	.....	4.5
6-29	do	3.7	1.59	.....	5.9
7-16	do	3.3	1.60	.....	5.3
7-26	do	2.0	1.20	.....	2.4
8- 5	do	2.8	1.60	.....	4.5
8-24	do	4.7	.92	.....	4.3
9-15	do	3.9	1.69	.....	6.6
10- 7	do	2.9	1.48	.....	4.3
10-12	do	2.9	1.31	.....	3.8
10-28	do	4.4	1.55	.....	6.8
11-17	do	3.0	1.03	.....	3.1
11-26	do	3.0	1.10	.....	3.3
12-23	do	5.9	1.13	.....	6.7
<b>1928</b>					
1-10	A. E. Johnston	8.0	1.30	.....	10.4
1-21	do	6.7	1.16	.....	7.8
2- 3	do	7.7	1.09	.....	8.4
2-29	do	6.3	1.16	.....	7.3
3- 6	do	7.2	1.03	.....	7.4
3-28	do	5.9	1.24	.....	7.3
4-25	do	2.7	1.07	.....	2.9
5-31	do	5.0	1.36	.....	6.8
6- 7	do	3.8	1.23	.....	4.7
6-27	do	3.5	1.42	.....	5.0

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LONERGAN CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
7-19	A. E. Johnston	5.3	1.21	.....	6.4
7-25	do	5.3	1.24	.....	6.6
8-10	do	6.3	1.14	.....	7.2
8-21	do	4.0	.95	.....	3.8
9- 4	do	5.8	1.10	.....	6.4
9-18	do	3.8	1.34	.....	5.1
10-18	do	4.5	1.38	.....	6.2
11- 5	do	6.8	.97	.....	7.0
11- 9	do	7.2	1.00	.....	7.2
11-26	do	3.4	1.58	.....	5.4
12- 5	do	4.9	1.04	.....	5.1
12-18	do	5.6	1.27	.....	7.2

## LOST CREEK

Sec. 26, Twp. 1, Rge. 7 W.

<b>1924</b>					
6-23	A. E. Johnston	40.6	1.45	.....	59.0
<b>1925</b>					
3-18	A. E. Johnston	.....	.....	.....	0.0
<b>1926</b>					
10-26	A. E. Johnston	5.1	1.29	.....	6.6
12-21	do	4.8	.87	.....	4.2

## LOUP RIVER

Near Columbus

<b>1914</b>					
10- 5	D. P. Weeks, Jr.	858.0	2.38	3.45	2040.0
10-18	do	928.0	1.99	3.60	1847.0
11- 1	do	940.0	2.32	3.61	2176.0
11-15	do	823.0	2.64	3.75	2170.0
11-27	do	754.0	.....	3.65	2170.0
11-28	do	.....	.....	3.73	2459.0
12-12	do	350.0	2.90	2.50	1012.0
12-23	do	619.0	2.04	4.76	1260.0
<b>1915</b>					
1- 2	D. P. Weeks, Jr.	810.0	2.54	5.00	2060.0
1-25	do	908.0	2.43	5.02	2215.0
1-10	do	1026.0	2.40	5.17	2470.0
2- 7	do	783.0	2.18	5.27	1710.0
2-18	do	.....	.....	5.98	2660.0
2-27	do	.....	.....	5.84	2780.0
3-13	do	988.0	2.47	5.64	2440.0
3-27	do	902.0	3.63	5.00	3258.0
4- 8	do	1575.0	6.00	3.28	9600.0
4-17	do	750.0	4.56	3.67	3420.0
4-25	do	1520.0	4.76	3.95	7230.0
5- 9	do	868.0	3.04	3.66	2640.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LOUP RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1915</b>					
5-21	D. P. Weeks, Jr.	1050.0	3.88	4.30	4070.0
6-10	do	1010.0	4.74	4.25	4790.0
6-24	do	1220.0	3.63	3.82	4430.0
7- 7	do	1450.0	5.58	4.52	8120.0
7-26	do	1590.0	4.38	5.09	6980.0
8- 7	do	930.0	3.91	4.00	3640.0
8-13	do	903.0	3.45	4.10	3120.0
9- 3	do	690.0	3.50	3.80	2480.0
9-22	do	760.0	4.12	3.84	3130.0
10- 7	do	815.0	4.56	3.73	3710.0
10-22	do	668.0	5.53	3.83	3700.0
<b>1925</b>					
10- 5	A. E. Johnston	927.0	2.71	.....	2507.0
<b>1928</b>					
2-20	A. E. Johnston	663.0	3.78	.....	2514.0
3-16	do	840.0	4.32	.....	3630.0
4-12	do	806.0	3.57	.....	2984.0
5-11	do	890.0	2.88	3.65	2473.0
6-15	do	1148.0	3.49	3.70	4002.0
7-12	do	699.0	2.75	3.20	1922.0
8- 1	do	897.0	2.75	3.55	2470.0
10- 8	do	993.0	2.39	3.55	2372.0
11-15	do	898.0	3.04	3.60	2733.0
12-12	do	558.0	4.35	3.70	2435.0
<b>LOUP RIVER</b>					
Sec. 23, Twp. 16, Rge. 6 W.					
<b>1923</b>					
6-29	A. H. Atkins	1230.0	2.26	.....	2782.0
7-14	E. F. Ketcham	1466.0	2.59	.....	3808.0
8- 3	A. H. Atkins	783.0	2.16	.....	1696.0
8-30	do	831.0	1.66	.....	1381.0
<b>LOUP RIVER</b>					
Sec. 7, Twp. 17, Rge. 2 W.					
<b>1923</b>					
8-22	A. H. Atkins	1298.0	2.50	.....	3255.0
7-14	E. F. Ketcham	1366.0	2.88	.....	3947.0
<b>LOUP RIVER</b>					
Sec. 25, Twp. 17, Rge. 4 W.					
<b>1923</b>					
8-19	A. E. Johnston	1150.0	3.65	.....	4209.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LOUP RIVER, MIDDLE  
Sec. 10, Twp. 14, Rge. 10 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
8-16	A. E. Johnston	371.0	6.22	.....	1973.0
<b>1925</b>					
5-13	A. E. Johnston	465.0	2.66	.....	1236.0
<b>1926</b>					
3- 8	A. E. Johnston	292.0	3.92	.....	1141.0
3-30	do	359.0	3.68	.....	1316.0
4-19	do	365.0	3.28	.....	1198.0
5-12	do	486.0	2.83	.....	1379.0
6- 3	do	387.0	2.45	.....	947.0
7-13	do	541.0	2.40	.....	1296.0
9-18	do	447.0	2.58	.....	1153.0
<b>1927</b>					
5-11	A. E. Johnston	431.0	3.81	.....	1643.0
6- 3	do	428.0	3.23	.....	1387.0
9- 8	do	1422.0	4.22	.....	5992.0
9-27	do	544.0	3.34	.....	1825.0
11-10	do	477.0	2.77	.....	1319.0
<b>1928</b>					
2-15	A. E. Johnston	413.0	4.12	.....	1700.0
3-14	do	504.0	3.56	.....	1794.0
4-10	do	400.0	3.21	.....	1289.0
5-19	do	1099.0	3.33	.....	3649.0
6-14	do	320.0	4.02	.....	3299.0
8- 3	do	537.0	2.13	.....	1145.0
11-20	do	607.0	2.68	3.05	1623.0
12-11	do	290.0	3.93	3.40	1138.0

LOUP RIVER, MIDDLE  
Sec. 10, Twp. 19, Rge. 18 W.

<b>1923</b>					
8-15	A. E. Johnston	415.0	2.55	.....	1060.0
11- 7	do	246.0	3.62	.....	890.0
<b>1925</b>					
5-11	A. E. Johnston	321.0	3.10	.....	993.0
<b>1927</b>					
5-10	A. E. Johnston	313.0	4.23	.....	1325.0
9-30	do	234.0	2.87	.....	1136.0
10-21	do	244.0	3.74	.....	914.0
12- 1	do	279.0	4.50	.....	1246.0
<b>1928</b>					
1-28	A. E. Johnston	456.0	1.98	.....	902.0
2-17	do	477.0	2.20	.....	1045.0
3-13	do	338.0	3.70	.....	1248.0
4-18	do	338.0	3.69	.....	1238.0
5-21	do	270.0	3.99	.....	1075.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LOUP RIVER, MIDDLE  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
8- 4	A. E. Johnston	313.0	2.73	.....	856.0
10-13	do	280.0	3.60	.....	1006.0
10-30	do	301.0	3.47	.....	1042.0
12-10	do	196.0	4.83	.....	948.0

LOUP RIVER, MIDDLE  
Sec. 13, Twp. 15, Rge. 15 W.

1923					
6-28	A. H. Atkins	357.0	1.47	.....	528.0
7-13	E. F. Ketcham	431.0	2.30	.....	996.0
8- 2	A. H. Atkins	372.0	1.92	.....	716.0
8-16	A. E. Johnston	356.0	3.59	.....	1281.0
8-29	A. H. Atkins	329.0	1.63	.....	539.0
1927					
8-12	A. E. Johnston	459.0	2.20	.....	1008.0

LOUP RIVER, MIDDLE  
Sec. 26, Twp. 17, Rge. 16 W.

1928					
4-17	A. E. Johnston	339.0	3.30	.....	1114.0
5-21	do	290.0	4.05	.....	1174.0
8- 3	do	409.0	2.51	.....	1028.0

LOUP RIVER, MIDDLE  
Boelus Power Plant

1928					
4-17	A. E. Johnston	55.8	1.48	.....	82.9

LOUP RIVER, NORTH  
Sec. 22, Twp. 15, Rge. 10 W.

1923					
6-29	A. H. Atkins	50.9	7.93	.....	658.6
7-13	E. F. Ketcham	1010.1	1.16	.....	1172.4
8- 2	A. H. Atkins	369.4	2.14	.....	791.1
8-16	A. E. Johnston	643.7	2.24	.....	1443.3
1925					
5-13	A. E. Johnston	594.0	1.90	.....	1130.0
1926					
3- 8	A. E. Johnston	292.0	3.92	.....	1145.0
3-30	do	288.0	3.57	.....	1024.0
4-19	do	367.0	2.72	.....	999.0
5-11	do	471.0	2.50	.....	1175.0
6- 3	do	387.0	2.15	.....	832.0
7-13	do	472.0	2.17	.....	1023.0
9-18	do	989.0	6.70	.....	6619.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LOUP RIVER, NORTH  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1927</b>					
5-11	A. E. Johnston	455.0	2.94	.....	1339.0
6- 2	do	499.0	2.60	.....	1300.0
9- 7	do	636.0	2.66	.....	1695.0
9-27	do	447.0	2.76	.....	1230.0
11-10	do	380.0	3.03	.....	1154.0
<b>1928</b>					
2-15	A. E. Johnston	477.0	2.78	.....	1324.0
3-14	do	494.0	3.08	.....	1522.0
4-10	do	342.0	2.64	.....	904.0
5-19	do	680.0	2.21	.....	1505.0
6-14	do	534.0	2.28	.....	1217.0
8- 3	do	413.0	2.42	.....	998.0
11-20	do	333.0	3.26	2.75	1058.0
12-11	do	195.0	4.50	3.00	878.0

LOUP RIVER, NORTH  
Sec. 22, Twp. 21, Rge. 18 W.

<b>1923</b>					
11- 7	A. E. Johnston	188.0	3.68	.....	691.0
<b>1925</b>					
5-11	A. E. Johnston	173.0	3.20	.....	553.0
<b>1927</b>					
5-10	A. E. Johnston	230.0	4.37	.....	1006.0
9-30	do	182.8	3.43	.....	624.0
12- 1	do	128.0	5.40	.....	692.0
<b>1923</b>					
1-27	A. E. Johnston	257.0	1.83	.....	473.0
2-17	do	116.0	3.72	.....	432.0
3-13	do	188.0	3.75	.....	895.0
4-18	do	170.0	3.78	.....	643.0
5-22	do	221.0	2.93	.....	648.0
8- 4	do	194.0	3.03	.....	588.0
10-12	do	186.1	3.20	.....	594.0
10-30	do	159.5	2.64	.....	580.0
12-10	do	168.0	3.96	.....	665.0

LOUP RIVER, NORTH  
Sec. 15, Twp. 21, Rge. 16 W.

<b>1925</b>					
5-12	A. E. Johnston	205.0	3.36	.....	601.0
<b>1928</b>					
3-14	A. E. Johnston	355.0	3.44	.....	1220.0
12-11	do	311.0	3.13	.....	973.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

LOUP RIVER, NORTH  
Sec. 24, Twp. 18, Rge. 13 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
8-30	A. H. Atkins	379.0	3.10	.....	1176.0

LOUP RIVER, SOUTH  
Sec. 35, Twp. 12, Rge. 16 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
6-28	A. H. Atkins	155.0	1.66	.....	258.0
7-12	E. F. Ketcham	92.0	1.71	.....	157.0
8- 2	A. H. Atkins	78.0	1.71	.....	133.0
8-20	do	98.0	1.11	.....	109.0
11- 7	A. E. Johnston	110.0	1.64	.....	180.0
1926					
4-24	A. E. Johnston	105.0	1.64	.....	172.0
1927					
5- 9	A. E. Johnston	101.0	2.04	.....	209.0
6- 8	do	505.0	2.20	.....	1717.0
7- 5	do	65.0	2.00	.....	130.0
8-11	do	67.0	1.96	.....	132.0
9-10	do	88.0	2.52	.....	217.0
10- 1	do	97.0	1.79	.....	174.0
10-20	do	75.0	2.12	.....	159.0
11-12	do	89.0	1.85	.....	166.0
11-30	do	98.0	2.37	.....	232.0
1928					
1-26	A. E. Johnston	160.0	1.51	.....	243.0
2-18	do	57.0	1.72	.....	99.0
3-12	do	106.0	2.30	.....	243.0
4-19	do	103.0	1.67	.....	172.0
5-23	do	90.0	2.64	.....	236.0
8- 6	do	60.0	2.16	.....	131.0
10-11	do	80.6	1.24	.....	100.4
10-31	do	101.1	1.58	.....	175.1
12- 8	do	43.0	2.10	.....	90.5

LOUP RIVER, SOUTH  
Sec. 17, Twp. 12, Rge. 14 W.

1923					
8-16	A. E. Johnston	169.4	1.72	.....	2916.0
1927					
4-14	A. E. Johnston	50.0	5.73	.....	2873.0

LOUP RIVER, SOUTH  
Sec. 7, Twp. 15, Rge. 22 W.

1928					
12- 8	A. E. Johnston	50.0	1.80	.....	90.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## LOUSE CREEK

Sec. 12, Twp. 32, Rge. 10 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
4- 7	A. E. Johnston	3.6	2.02	.....	7.3
5- 9	do	5.8	2.04	.....	11.8
7-10	do	3.2	1.53	.....	4.9
10- 4	do	4.2	1.57	.....	6.6
12-25	do	3.6	1.11	.....	4.0

## McGUIRES SLOUGH

Sec. 21, Twp. 6, Rge. 40 W.

<b>1925</b>					
6- 8	C. E. Franklin	3.5	0.91	.....	3.2
6-23	do	4.1	.68	.....	2.8
7-12	do	2.1	.52	.....	1.1
8- 7	do	1.4	1.01	.....	1.5
8-19	do	1.5	1.23	.....	1.9
9- 2	do	1.2	1.02	.....	1.3
9-17	do	1.7	1.02	.....	1.7
<b>1926</b>					
3- 2	C. E. Franklin	3.0	1.40	.....	4.2
3-18	do	2.9	.87	.....	2.5
3-31	do	2.9	.67	.....	1.9
4-16	do	2.4	.94	.....	2.2
4-29	do	3.0	.86	.....	2.5
5-14	do	2.8	.86	.....	2.4
5-31	do	2.8	.93	.....	2.6
6-14	do	2.5	.84	.....	2.1
6-26	do	3.5	.59	.....	2.0
7-13	do	3.6	.61	.....	2.1
8- 7	do	3.0	.46	.....	1.3
8-23	do	2.6	.65	.....	1.6
<b>1927</b>					
3-30	C. E. Franklin	3.0	1.10	.....	3.3
4-18	do	3.8	.95	.....	3.6
4-29	do	2.8	.79	.....	2.2
5-14	do	3.8	.68	.....	2.6
5-27	do	3.6	.72	.....	2.6
6-28	do	3.5	.97	.....	3.4
7- 8	do	2.7	.78	.....	2.1
7-22	do	1.9	1.26	.....	2.4
8- 6	do	1.8	1.16	.....	2.1
8-20	do	1.8	1.28	.....	2.3
9- 4	do	2.2	1.18	.....	2.6
9-30	do	2.4	.75	.....	1.8
11- 3	do	1.9	1.10	.....	2.1
11-27	do	2.6	1.27	.....	3.3
12-20	do	2.2	1.05	.....	2.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

McGUIRES SLOUGH  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-21	C. E. Franklin	2.2	1.18	.....	2.7
2-14	do	2.4	1.13	.....	2.7
3- 5	do	2.2	1.22	.....	2.7
3-21	do	2.6	.72	.....	1.9
4- 9	do	2.3	1.25	.....	2.9
5-17	do	3.5	1.31	.....	4.6
6-20	do	5.6	.79	.....	4.4
7-12	do	3.0	.90	.....	2.7
7-26	do	3.9	.87	.....	3.4
8-14	do	3.6	.75	.....	2.8
9- 7	do	2.7	1.07	.....	2.9
9-19	do	2.2	1.00	.....	2.2
9-30	do	2.8	1.11	.....	3.1
10-18	do	2.7	1.04	.....	2.8
11- 5	do	3.6	1.36	.....	4.9
11-21	do	3.2	.81	.....	2.6
12-19	do	4.1	.59	.....	2.4

MEDICINE CREEK  
Sec. 18, Twp. 4, Rge. 25 W.  
Near Cambridge

<b>1922</b>					
10-23	A. E. Johnston	.....	.....	.....	30.0
<b>1923</b>					
2- 8	A. E. Johnston	31.4	0.87	.....	30.6
2-26	do	.....	.....	.....	.0
3-23	do	71.8	1.12	.....	80.5
4-14	do	62.1	.91	.....	56.3
6- 4	do	72.7	1.45	.....	105.9
6-20	do	165.0	3.13	.....	516.9
8- 6	do	96.7	2.26	.....	445.5
8-21	do	45.4	1.75	.....	79.8
9-17	do	48.8	1.18	.....	57.9
10-15	do	43.1	1.58	.....	68.2
11-30	do	69.0	.80	.....	55.2
<b>1924</b>					
2-28	A. E. Johnston	20.2	1.39	.....	28.2
4- 2	do	60.4	1.37	.....	83.2
4-26	do	53.6	.86	.....	46.2
5-28	do	59.0	.93	.....	55.1
6-24	do	41.1	.87	.....	35.1
8- 8	do	56.4	.76	.....	43.2
9- 8	do	38.4	1.45	.....	26.9
<b>1925</b>					
3-19	A. E. Johnston	102.0	0.60	.....	60.9
4-14	do	81.0	.76	.....	64.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MEDICINE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-21	C. E. Franklin	123.0	.52	.....	63.5
5-22	do	46.0	.80	.....	36.7
6-12	do	197.0	2.18	.....	431.4
7-18	do	50.0	.52	.....	26.0
8- 9	do	41.0	.70	.....	28.3
8-21	do	103.0	.92	.....	95.1
9-21	do	38.0	.53	.....	20.1
10-10	A. E. Johnston	63.0	.98	.....	61.8
<b>1926</b>					
2-16	A. E. Johnston	66.0	1.00	.....	66.5
3- 5	C. E. Franklin	60.9	.93	.....	56.7
3-20	do	58.4	1.25	.....	46.5
4- 4	do	64.4	.78	.....	49.9
4-18	do	62.6	1.10	.....	68.7
5- 4	do	58.3	.78	.....	45.9
5-16	do	52.6	.93	.....	48.8
5-29	do	56.4	.68	.....	38.4
6-17	do	126.5	1.64	.....	207.9
6-29	do	46.1	2.39	.....	11.0
7-19	do	73.5	.59	.....	43.7
8-17	do	412.0	3.84	.....	1580.0
8-21	do	34.8	.52	.....	43.9
10-15	A. E. Johnston	45.0	.84	.....	37.7
11- 6	do	32.6	.95	.....	31.1
<b>1927</b>					
3-28	Franklin and Whitehead	71.3	0.93	.....	66.5
4-16	C. E. Franklin	198.0	1.54	.....	305.5
5- 1	do	70.2	.82	.....	57.7
5-17	do	72.5	.87	.....	63.0
5-29	do	72.5	.55	.....	40.2
7-12	do	3.9	.91	.....	35.5
7-26	do	64.5	.94	.....	60.2
8- 9	do	53.0	1.32	.....	70.0
8-24	do	31.3	1.24	.....	38.8
9- 5	do	32.2	1.00	.....	32.4
10- 5	do	32.0	1.10	.....	35.4
11- 7	do	43.0	1.73	.....	74.5
12- 3	do	52.3	1.42	.....	74.5
12-22	do	29.3	.73	.....	21.4
<b>1928</b>					
1-24	C. E. Franklin	35.0	1.76	.....	61.7
2-11	do	52.5	.62	.....	32.6
3- 8	do	61.1	1.04	.....	61.9
3-22	do	27.7	1.18	.....	32.7
4-12	do	50.4	1.37	.....	69.2
5-21	do	79.9	1.15	.....	91.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MEDICINE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
6-23	C. E. Franklin	223.5	1.51	.....	336.0
7-15	do	178.0	.82	.....	146.2
7-28	do	201.8	.48	.....	97.1
8-16	do	106.0	.53	.....	56.1
9-10	do	87.5	.75	.....	65.5
10- 2	do	66.0	1.76	.....	11.6
10-21	do	85.5	.48	.....	40.8
11-22	do	96.5	.49	.....	47.4
12-21	do	62.0	.75	.....	46.5

MELBETA DRAIN  
Sec. 13, Twp. 22, Rge. 53 W.

<b>1919</b>					
4- 3	T. C. Palmer	42.0	1.90	2.05	83.4
4-22	do	35.6	1.88	2.00	65.7
4-28	do	35.8	1.89	2.00	69.7
5- 6	do	36.4	1.88	2.00	68.5
5-12	do	37.9	2.05	2.10	77.6
5-20	do	34.8	2.85	2.14	99.3
6-10	do	52.9	2.64	2.50	139.7
6-24	do	55.8	3.02	2.60	168.5
6-30	do	56.7	3.03	2.70	171.7
7-21	do	62.1	3.05	3.05	189.4
7-28	do	65.3	3.08	3.20	201.1
9- 4	do	60.6	3.01	3.42	182.8
9- 8	do	66.3	2.86	3.40	189.9
9-22	do	62.5	3.10	4.45	193.9
9-30	do	54.6	2.83	4.27	154.6
10- 6	do	59.6	3.33	4.52	198.6
10-17	do	53.4	3.04	4.25	162.7
10-29	do	54.3	2.66	4.22	144.2
11- 5	do	49.3	2.50	4.18	123.4
<b>1921</b>					
2- 3	T. C. Palmer	1.9	1.22	.....	2.3
2-17	do	2.6	1.03	.....	2.7
3- 7	do	2.0	1.21	.....	2.5
3-23	do	2.4	1.44	.....	3.4
4-11	do	2.1	1.38	.....	2.9
4-28	do	1.1	1.60	.....	1.8
<b>1922</b>					
2- 8	T. C. Palmer	2.0	0.92	.....	1.8
3- 6	do	2.4	1.25	.....	3.0
3-23	do	3.0	1.46	.....	4.4
4- 5	do	3.2	1.30	.....	4.2
5- 5	do	3.1	1.45	.....	4.5
5-25	do	1.7	.82	.....	1.4
12-26	A. E. Johnston	.....	.....	.....	1.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MELBETA DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1923</b>					
1-23	A. E. Johnston	1.3	1.10	.....	1.4
2-14	do	3.0	1.91	.....	5.7
3- 7	do	2.3	1.33	.....	4.1
4- 3	do	2.1	1.29	.....	2.7
4-28	do	3.3	1.27	.....	4.2
5-12	Ketcham and Johnston	3.5	1.16	.....	4.0
7-11	A. E. Johnston	2.6	.35	.....	.9
7-25	do	2.0	.64	.....	1.3
8-18	E. F. Ketcham	4.9	1.37	.....	6.7
10- 3	A. E. Johnston	2.6	.98	.....	2.0
12-11	do	3.0	1.30	.....	3.8
<b>1924</b>					
1-14	A. E. Johnston	2.9	1.73	.....	4.9
1-28	do	2.9	2.92	.....	8.3
2-13	do	2.4	1.46	.....	3.5
3-18	do	7.0	.61	.....	4.3
4- 9	do	2.8	1.22	.....	3.4
5- 6	do	2.0	1.04	.....	2.0
6-11	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0
7-29	C. G. Hrubesky	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9- 8	do	.....	.....	.....	.0
10-16	A. E. Johnston	3.8	1.42	.....	5.4
10-28	do	3.4	1.47	.....	5.0
11-19	do	2.2	1.86	.....	4.1
12-17	do	2.7	.83	.....	3.3
<b>1925</b>					
1- 7	A. E. Johnston	1.9	2.42	.....	4.6
2- 2	do	3.7	1.24	.....	4.6
3- 2	do	2.1	1.86	.....	3.9
3-31	do	2.1	1.60	.....	3.2
4-20	Johnston and Franklin	1.0	1.00	.....	1.0
5- 5	A. W. Hall	1.3	.77	.....	1.0
6- 6	do	.8	1.00	.....	.8
6-21	do	1.2	1.83	.....	2.2
9-28	A. E. Johnston	.....	.....	.....	.0
10-23	do	3.9	2.02	.....	7.8
12- 1	do	4.8	2.10	.....	10.0
<b>1926</b>					
1-28	A. E. Johnston	2.9	1.73	.....	5.0
2-23	do	3.3	1.90	.....	6.3
3-19	A. W. Hall	1.8	1.94	0.90	3.5
4- 9	do	1.4	1.80	.58	2.6
5- 6	do	1.6	1.25	.50	2.0
5-21	do	.4	.76	.02	.3
6- 4	do	.....	.....	.....	.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MELBETA DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
6-24	A. W. Hall	2.0	1.80	.50	3.7
7-10	do	1.0	.85	.05	.9
7-20	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0
9-16	do	3.8	1.66	.95	6.3
10- 4	A. E. Johnston	3.6	2.00	.80	7.2
10-28	A. W. Hall	2.5	2.20	.70	5.5
<b>1927</b>					
1- 5	A. W. Hall	4.2	1.91	0.65	8.0
1-31	do	2.5	1.48	.45	3.7
2-22	do	2.1	1.47	.45	3.1
3-10	do	2.2	1.91	.65	4.2
4- 1	A. E. Johnston	3.7	1.86	.60	6.9
4-22	do	5.5	2.18	.95	11.9
4-27	do	4.6	1.95	.80	9.0
5-11	A. W. Hall	2.4	2.20	.90	5.3
5-26	do	1.9	1.15	.30	2.2
8- 2	do	2.7	1.95	.....	5.3
10-19	C. E. Franklin	4.9	1.55	1.95	7.6
11-22	A. W. Hall	5.4	1.59	.90	8.6
12- 5	do	3.8	1.94	.90	7.4
<b>1928</b>					
1-13	C. E. Franklin	5.6	1.00	.....	5.6
2- 9	A. W. Hall	4.2	1.38	0.80	5.8
3-17	do	3.5	1.28	.75	4.5
4- 5	do	2.7	1.37	.65	3.7
4-18	do	3.0	1.56	.68	4.7
5- 5	do	2.4	1.84	.80	4.4
5-18	do	2.9	1.48	.60	4.3
8-24	do	.....	.....	.....	.0
10-17	do	4.8	2.44	.....	11.7
11-14	C. E. Franklin	2.4	1.70	.....	4.1
11-25	do	3.0	2.06	.....	6.2
12- 3	do	6.0	1.38	.....	8.3
<b>MINNECHUDUZA CREEK</b>					
Sec. 28, Twp. 34, Rge. 27 W.					
<b>1923</b>					
11- 9	A. E. Johnston	.....	.....	.....	0.0
<b>1925</b>					
9-25	J. D. Heywood	16.0	1.59	.....	25.0
<b>1926</b>					
3- 4	A. E. Johnston	51.4	1.08	.....	55.3
3-25	do	29.3	1.27	.....	37.2
4-15	do	26.2	1.35	.....	35.2
5- 8	do	42.7	.26	.....	11.2
5-29	do	45.8	.70	.....	32.3
7- 9	do	30.2	1.29	.....	39.0
9-16	do	20.4	3.18	.....	6.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MINNECHUDEZA CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5-28	A. E. Johnston	27.1	2.30	.....	62.7
9- 3	do	28.8	.45	.....	12.9
9-23	do	23.4	.51	.....	11.8
11- 6	do	43.7	.27	.....	11.7
<b>1928</b>					
2-11	A. E. Johnston	.....	.....	.....	Ice
4- 5	do	43.9	1.30	.....	57.5
5- 7	do	33.2	1.45	.....	48.0
7- 7	do	40.2	2.05	.....	82.4
10- 3	do	22.8	.63	.....	14.3
10-29	do	19.4	1.13	.....	22.0
12-24	do	30.7	.81	.....	24.9

MIRA CREEK  
Sec. 26, Twp. 18, Rge. 13 W.

<b>1927</b>					
5-11	A. E. Johnston	2.4	1.00	.....	2.4
<b>1928</b>					
3-14	A. E. Johnston	3.5	1.48	.....	5.2

MITCHELL SPILLWAY  
Sec. 35, Twp. 23, Rge. 56 W.  
From Tri-State Canal

<b>1921</b>					
3-24	T. C. Palmer	15.3	0.51	4.25	7.7
4-20	do	79.8	2.60	6.20	207.4
4-29	do	58.3	1.07	4.95	62.7
5-11	do	81.5	1.86	5.50	151.9
6- 8	do	121.6	2.19	6.75	266.5
6-20	do	25.8	.79	4.45	20.4
7- 6	do	36.3	.80	4.50	23.0
8- 9	do	58.2	1.70	5.40	99.4
8-19	do	24.2	.41	4.50	99.4
8-30	do	18.5	.74	4.40	13.7
9-27	do	114.5	1.59	6.65	181.8
10- 6	do	36.6	.58	4.55	21.0
10-27	do	43.4	.62	4.60	26.9
<b>1922</b>					
5-10	T. C. Palmer	88.9	2.06	5.90	183.2
5-24	do	97.4	2.00	6.30	195.1
6- 6	do	78.5	1.51	5.50	118.8
7-14	do	48.9	1.05	4.95	51.4
<b>1923</b>					
1-24	A. E. Johnston	20.7	0.72	.....	15.1
3- 9	do	10.6	.49	.....	5.3
4- 5	do	16.8	.57	.....	9.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MITCHELL SPILLWAY  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1923</b>					
5-11	Ketcham and Johnston	23.1	1.29	4.80	29.7
6-17	E. F. Ketcham	33.4	2.26	6.00	211.9
7-10	A. E. Johnston	.....	.....	.....	.0
7-26	do	.....	.....	.....	.0
8-16	E. F. Ketcham	.....	.....	.....	.0
8-27	A. E. Johnston	.....	.....	.....	.0
9-18	A. H. Atkins	39.7	1.80	5.90	162.1
9-21	do	95.6	1.83	5.90	174.9
10- 2	A. E. Johnston	39.8	.94	4.60	37.5
10- 9	A. H. Atkins	24.8	.39	4.60	22.1
10-26	A. E. Johnston	33.9	1.10	4.50	37.3
11- 2	A. H. Atkins	46.2	.54	4.45	25.2
11- 5	do	52.1	.77	4.40	40.1
11- 5	do	49.7	.67	4.40	34.7
11-16	A. E. Johnston	39.2	.81	.....	32.1
11-19	A. H. Atkins	51.0	.63	4.45	32.5
11-20	do	50.2	.59	4.45	29.9
12- 3	do	44.7	.61	4.46	27.6
12- 4	do	46.7	.69	4.40	32.6
12-12	Johnston and Hall	27.6	.43	4.60	12.1
<b>1924</b>					
1-16	A. E. Johnston	.....	.....	.....	4.4
1-30	do	.....	.....	.....	7.5
2-15	do	19.5	0.25	.....	4.9
6-10	do	118.4	2.62	6.70	310.8
7- 3	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-26	C. G. Hrubesky	.....	.....	.....	.0
8-11	do	.....	.....	.....	.0
8-30	A. E. Johnston	.....	.....	.....	.0
9- 5	C. G. Hrubesky	.....	.....	.....	.0
10-15	A. E. Johnston	35.4	1.52	.....	54.0
10-30	do	.....	.....	.....	.0
11-19	do	.....	.....	.....	.0
12-17	do	.....	.....	.....	.0
<b>1925</b>					
1- 8	A. E. Johnston	.....	.....	.....	0.0
2- 3	do	.....	.....	.....	.0
3- 4	do	.....	.....	.....	.0
5-20	A. W. Hall	.....	.....	.....	.0
6- 5	do	.....	.....	.....	.0
7- 1	do	70.3	2.20	.....	154.9
7- 3	do	.....	.....	.....	.0
9-30	A. E. Johnston	48.8	1.88	5.15	91.0
10-20	do	27.1	.91	4.50	24.6
12- 2	do	17.8	.93	.....	16.5



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MITCHELL SPILLWAY  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
2- 5	A. E. Johnston	31.6	0.48	.....	15.3
2-25	do	29.6	.52	4.20	15.5
3-17	A. W. Hall	18.6	.58	4.15	9.0
4- 8	do	30.4	.42	4.18	12.6
5- 5	do	48.9	3.10	5.70	152.5
5-19	do	70.5	2.61	6.10	184.2
6- 3	do	58.8	2.16	5.40	127.0
6-22	do	24.0	.63	.....	15.2
7- 8	do	.....	.....	.....	.0
7-21	do	54.1	2.10	4.60	113.0
9-15	do	94.0	2.60	6.30	240.0
10- 5	A. E. Johnston	28.1	1.08	4.60	30.4
10-26	A. W. Hall	31.8	.90	4.45	28.7
11-16	do	26.8	.93	4.40	24.8
<b>1927</b>					
2-24	A. W. Hall	4.6	1.11	3.75	5.1
3-10	do	4.0	.95	4.00	3.8
3-29	A. E. Johnston	4.8	1.10	4.05	5.3
4-26	do	23.8	.82	4.30	19.4
5-12	A. W. Hall	4.6	.78	4.05	3.6
5-24	do	52.0	2.19	5.30	114.3
6-27	do	71.5	3.13	.....	224.4
7- 6	do	60.7	2.15	2.00	130.5
8- 3	do	91.5	2.56	5.95	234.5
8-25	do	.....	.....	.....	.0
10-18	C. E. Franklin	7.7	2.30	4.40	17.7
11- 7	A. W. Hall	11.7	1.54	.....	18.1
11-22	do	9.7	.95	4.15	9.6
12- 6	do	8.7	1.77	.....	15.4
<b>1928</b>					
1-12	C. E. Franklin	5.0	2.74	.....	13.7
2-11	A. W. Hall	15.0	1.61	.....	24.2
3-19	do	5.0	1.16	4.00	5.8
4- 7	do	1.7	1.18	3.85	2.0
5-17	do	71.5	2.40	5.90	171.8
6-16	do	105.2	3.28	.....	344.2
8- 3	do	49.9	1.84	4.45	91.8
8-15	do	.....	.....	.....	.0
11-15	C. E. Franklin	16.0	1.94	.....	31.0
11-27	do	17.1	1.15	.....	19.7
12- 7	do	10.9	1.26	.....	13.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## MONROE CREEK

Sec. 33, Twp. 33, Rge. 56 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
3-17	Palmer and Heywood	1.94	1.33	.....	2.6
<b>1922</b>					
3-31	Palmer and Heywood	1.4	1.42	.....	1.9
<b>1924</b>					
7-31	Johnston and Heywood	0.6	0.55	.....	0.4
<b>1926</b>					
8-25	J. D. Heywood	1.1	0.91	.....	0.9

## MORRILL DRAIN

Sec. 14, Twp. 23, Rge. 57 W.

<b>1921</b>					
8-20	T. C. Palmer	2.8	1.68	.....	4.8
8-31	do	3.2	1.85	.....	5.9
9-28	do	2.4	1.80	.....	4.3
10- 6	do	2.4	.85	.....	2.1
10-27	do	2.3	1.39	.....	3.3
11- 8	do	3.0	1.91	.....	5.7
11-30	do	1.8	1.30	.....	2.3
12-19	do	2.0	1.40	.....	2.8
<b>1922</b>					
1-10	T. C. Palmer	1.7	0.92	.....	1.6
2- 7	do	1.9	1.16	.....	2.2
3- 7	do	3.2	1.44	.....	4.6
3-22	do	2.2	.81	.....	1.8
4- 6	do	2.0	1.13	.....	2.4
5- 3	do	2.2	.61	.....	1.3
5- 9	do	1.4	1.14	.....	1.6
5-24	do	1.4	.92	.....	1.3
6- 6	do	2.3	1.04	.....	2.4
6-14	do	2.4	1.04	.....	2.5
7-14	do	4.2	1.35	.....	5.7
7-21	do	2.6	1.19	.....	3.1
8-24	do	3.4	1.02	.....	3.5
8-31	do	3.0	.87	.....	2.6
9-12	Palmer and Easterday	.8	3.37	.....	2.7
9-18	T. C. Palmer	3.0	.96	.....	2.9
9-26	do	5.1	.82	.....	4.2
11-16	A. E. Johnston	.....	.....	.....	3.4
12-15	do	.....	.....	.....	2.1
12-27	do	.....	.....	.....	1.8
<b>1923</b>					
2-15	A. E. Johnston	1.4	1.21	.....	1.7
4- 4	do	3.1	.66	.....	2.1
4-26	do	2.4	1.04	.....	2.5
5-10	do	.8	.70	.....	.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## MORRILL DRAIN

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-30	E. F. Ketcham	1.9	.84	.....	1.6
6-17	do	3.4	.50	.....	1.7
7-10	A. E. Johnston	1.4	1.00	.....	1.4
7-27	do	1.4	1.40	.....	1.9
8-15	E. F. Ketcham	2.6	1.43	.....	3.7
8-27	A. E. Johnston	.9	.67	.....	.6
10-25	do	1.4	.60	.....	.8
11- 5	A. H. Atkins	38.9	2.64	.....	103.0
11-16	A. E. Johnston	1.4	1.16	.....	1.6
11-20	A. H. Atkins	19.0	2.92	.....	5.6
12- 4	do	34.7	1.51	.....	52.6
12-13	Johnston and Hall	2.1	.87	.....	1.8
<b>1924</b>					
1-16	A. E. Johnston	3.5	0.29	.....	1.0
2-15	do	1.6	.51	.....	.8
3-20	do	1.1	.68	.....	.8
6- 9	do	2.6	.29	.....	.8
9- 5	C. G. Hrubesky	5.2	.70	.....	4.0
9-17	Atkins and Johnston	.....	.....	.....	5.3
10-15	A. E. Johnston	4.6	.54	.....	2.5
10-30	do	4.8	.92	.....	4.4
11-20	do	4.6	.35	.....	1.6
12-16	do	3.6	.47	.....	1.7
<b>1925</b>					
3- 4	A. E. Johnston	0.9	0.49	.....	0.4
4- 2	do	1.4	.38	.....	.5
6- 5	A. W. Hall	1.9	1.06	.....	2.0
7-22	do	1.5	.80	.....	1.2
7-31	do	6.8	.37	.....	2.5
9- 3	do	4.4	.68	.....	3.0
9-29	A. E. Johnston	5.4	.83	.....	4.5
10-21	do	3.6	.42	.....	1.5
12- 3	do	4.8	.31	.....	1.5
<b>1926</b>					
1-27	A. E. Johnston	.....	.....	.....	Ice
2-24	do	4.2	0.43	.....	1.8
3-19	A. W. Hall	3.5	.92	.....	3.2
4- 8	do	3.6	1.04	.....	3.7
5- 5	do	.....	.....	.....	3.5
5-20	do	3.7	.39	.....	1.5
6- 3	do	5.0	.33	.....	1.6
6-22	do	3.1	.37	.....	1.2
7-22	do	1.4	.86	.....	1.2
8-13	do	2.5	1.04	.....	2.6
10- 7	A. E. Johnston	2.8	1.37	.....	3.8
10-27	A. W. Hall	2.0	1.95	.....	3.9

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## MORRILL DRAIN

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
2-23	A. W. Hall	.....	.....	.....	Ice
3-11	do	.....	.....	.....	0.0
5-12	do	2.5	0.52	.....	1.3
5-26	do	2.0	.18	.....	.4
6-17	do	4.0	.25	.....	1.0
7- 8	do	.....	.....	.....	.0
8- 4	do	7.0	1.14	.....	8.0
8-26	do	4.7	.64	.....	3.0
10-17	C. E. Franklin	4.0	.56	.....	2.3
11- 7	A. W. Hall	3.4	.35	.....	1.2
11-23	do	6.9	.59	.....	4.1
12-11	C. E. Franklin	.....	.....	.....	Ice
1928					
1-12	C. E. Franklin	3.0	1.23	.....	3.7
2-11	A. W. Hall	.....	.....	.....	Ice
3-20	do	1.6	1.31	.....	2.1
4- 6	do	2.2	.68	.....	1.5
4-20	do	1.2	.58	.....	.7
5- 3	do	1.3	.69	.....	.9
5-17	do	2.1	.43	.....	.9
6-30	do	4.4	.32	.....	1.4
8- 3	do	6.4	2.19	.....	1.4
8-16	do	5.8	.78	.....	4.5
9- 7	do	7.4	1.03	.....	7.6
9-25	do	5.9	.75	.....	4.4
10-16	do	7.0	1.00	.....	7.0
11-16	C. E. Franklin	2.8	.90	.....	2.5
11-27	do	2.4	.83	.....	2.0
12- 6	do	4.9	3.88	.....	1.9

## MUD CREEK

Sec. 9, Twp. 16, Rge. 19 W.  
Near Berwyn

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
4-13	A. E. Johnston	37.1	1.77	.....	65.9
5- 9	do	4.9	1.04	.....	5.1
6- 9	do	3.2	1.34	.....	4.3
7- 5	do	2.2	1.59	.....	3.5
8-11	do	3.7	1.10	.....	4.1
9- 9	do	2.6	1.00	.....	2.6
9-29	do	2.9	1.41	.....	4.1
10-20	do	2.5	1.20	.....	3.0
11-11	do	2.5	1.12	.....	2.9
11-30	do	4.4	.51	.....	2.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MUD CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-26	A. E. Johnston	3.9	1.43	.....	5.6
2-18	do	3.1	2.06	.....	6.4
3-12	do	5.4	.92	.....	5.0
4-19	do	3.5	.77	.....	2.7
5-23	do	4.1	1.23	.....	5.1
8- 6	do	2.9	.52	.....	1.5
10-11	do	2.3	.87	.....	2.0
10-31	do	5.6	.80	.....	4.5
12- 8	do	1.9	1.00	.....	1.9

MUD CREEK  
Sec. 31, Twp. 15, Rge. 17 W.  
Near Mason City

<b>1925</b>					
5-11	A. E. Johnston	30.0	0.62	.....	19.0
<b>1926</b>					
4-24	A. E. Johnston	12.2	1.18	.....	14.4
<b>1927</b>					
4-13	A. E. Johnston	96.6	1.96	.....	190.0
5- 9	do	19.8	1.00	.....	21.0
6- 9	do	30.6	1.21	.....	37.0
7- 5	do	19.1	1.04	.....	19.9
8-11	do	12.4	1.06	.....	13.2
9- 9	do	20.4	1.36	.....	27.9
9-29	do	11.1	1.22	.....	13.5
10-20	do	11.1	1.20	.....	13.3
11-11	do	15.4	1.15	.....	17.8
11-30	do	13.6	1.23	.....	16.8
<b>1928</b>					
2-18	A. E. Johnston	20.8	1.45	.....	30.3
3-12	do	20.0	1.23	.....	24.6
4-19	do	11.5	1.00	.....	11.4
5-23	do	15.1	1.23	.....	18.5
8- 6	do	22.0	1.04	.....	20.9
10-11	do	9.7	.83	.....	8.1
10-31	do	15.6	1.41	.....	22.0
12- 8	do	18.2	1.25	.....	22.8

MUD CREEK  
Sec. 30, Twp. 13, Rge. 15 W.  
South of Hazard

<b>1925</b>					
5-11	A. E. Johnston	29.3	1.56	.....	45.6
<b>1926</b>					
4-24	A. E. Johnston	26.4	1.28	.....	33.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MUD CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5- 9	A. E. Johnston	25.3	1.67	.....	42.2
6- 9	do	41.3	2.02	.....	83.6
7- 5	do	20.6	1.07	.....	22.0
8-11	do	19.7	1.11	.....	21.9
9- 9	do	76.1	2.24	.....	171.2
9-29	do	23.8	1.23	.....	29.4
10-20	do	25.7	1.00	.....	25.7
11-11	do	25.1	1.31	.....	33.1
11-30	do	28.1	1.15	.....	32.3
<b>1928</b>					
1-26	A. E. Johnston	.....	.....	.....	Ice
2-18	do	61.8	0.85	.....	52.5
3-12	do	28.5	1.56	.....	44.5
4-19	do	25.3	1.23	.....	31.1
5-23	do	43.9	1.43	.....	62.8
8- 6	do	30.0	.82	.....	24.6
10-11	do	18.9	.96	.....	18.2
10-31	do	25.9	1.35	.....	35.2
12- 8	do	32.7	1.15	.....	37.6

MUDDY CREEK  
Sec. 16, Twp. 4, Rge. 23 W.  
Near Arapahoe

<b>1922</b>					
10-23	A. E. Johnston	.....	.....	.....	1.3
11-24	do	.....	.....	.....	3.1
<b>1923</b>					
1- 6	A. E. Johnston	3.5	1.17	.....	4.1
2- 8	do	1.5	1.22	.....	1.8
2-26	do	5.1	1.19	.....	6.1
3-23	do	5.9	.66	.....	3.9
4-14	do	3.5	1.47	.....	5.1
6- 4	do	20.8	1.10	.....	22.9
6-20	do	32.2	.46	.....	15.0
8- 6	do	646.4	.56	.....	257.2
8-21	do	12.4	.38	.....	4.8
9-17	do	32.3	.48	.....	15.7
10-15	do	18.4	.48	.....	8.9
11- 7	do	29.7	1.08	.....	32.3
11-30	do	9.1	.71	.....	6.5
<b>1924</b>					
2-28	A. E. Johnston	7.4	0.71	.....	5.3
4- 2	do	16.2	.87	.....	13.2
4-26	do	9.2	.65	.....	6.0
5-28	do	8.4	.89	.....	7.5
6-24	do	4.6	.76	.....	3.5
8- 8	do	21.9	.17	.....	6.0
9- 8	do	4.6	.....	.....	2.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MUDDY CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
3-19	A. E. Johnston	26.0	0.37	.....	9.6
4-14	do	17.0	.23	.....	3.8
5-21	C. E. Franklin	6.0	1.30	.....	8.1
6-12	do	188.0	2.98	.....	561.0
7-19	do	2.0	.90	.....	1.3
8- 9	do	3.0	1.48	.....	4.0
8-21	do	27.0	.96	.....	25.8
9-21	do	.....	.....	.....	†1.0
10-10	A. E. Johnston	7.0	.29	.....	2.0
<b>1926</b>					
2-16	A. E. Johnston	12.2	0.57	.....	7.0
3- 5	C. E. Franklin	7.7	.73	.....	5.6
3-20	do	6.2	.77	.....	4.8
4- 4	do	4.4	.99	.....	4.4
4-18	do	5.2	.91	.....	4.8
5- 4	do	5.7	.70	.....	4.0
5-16	do	5.4	.78	.....	4.2
5-29	do	6.9	.71	.....	4.9
6-17	do	15.6	2.60	.....	40.6
6-29	do	1.2	1.00	.....	1.2
8-21	do	.8	1.29	.....	1.0
10-15	A. E. Johnston	6.6	.95	.....	6.3
11- 6	do	13.0	1.80	.....	23.5
<b>1927</b>					
3-28	C. E. Franklin	12.9	0.35	.....	4.5
4-16	Franklin and Whitehead	16.2	.87	.....	14.1
5- 1	C. E. Franklin	6.9	.84	.....	5.8
5-17	do	9.6	6.25	.....	6.0
5-29	do	7.2	.62	.....	4.6
7-12	do	4.8	.38	.....	1.8
7-26	do	5.8	.29	.....	1.7
8- 9	do	10.2	.96	.....	9.8
8-24	do	3.0	.....	.....	1.6
9- 5	do	.8	1.00	.....	.8
10- 5	do	.....	.....	.....	†1.0
11- 7	do	3.7	.48	.....	1.8
12- 3	do	.....	.....	.....	†.7
12-22	do	2.5	.60	.....	1.5
<b>1928</b>					
1-24	C. E. Franklin	4.2	0.93	.....	3.9
2-11	do	2.5	.64	.....	1.6
3- 8	do	3.6	.87	.....	3.2
3-23	do	3.2	1.02	.....	3.3
4-12	do	2.6	.96	.....	2.5
5-21	do	5.5	.93	.....	5.1
6-23	do	8.5	.96	.....	8.2

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

MUDDY CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
7-15	C. E. Franklin	5.1	.90	.....	4.6
7-28	do	7.4	1.03	.....	7.6
8-16	do	.....	.....	.....	†1.0
9-10	do	.....	.....	.....	†.5
10- 2	do	.....	.....	.....	†1.0
10-21	do	2.0	.65	.....	1.3
11-22	do	2.7	.78	.....	2.1

NEMAHA, LITTLE  
Sec. 24, Twp. 8, Rge. 6 E.

1923					
6-25	A. H. Atkins	3.89	0.99	.....	3.9
7- 5	do	3.97	1.00	.....	4.0
9- 4	do	1.20	.94	.....	1.1

NEVINS CREEK  
Sec. 13, Twp. 14, Rge. 36 W.

1924					
11-15	A. E. Johnston	1.4	1.08	.....	1.5

NINE MILE DRAIN  
Sec. 16, Twp. 22, Rge. 53 W.

1921					
1-11	T. C. Palmer	47.0	2.11	4.40	99.4
2- 2	do	47.5	2.03	4.45	96.5
2-18	do	46.1	2.21	4.40	101.9
3- 7	do	46.6	2.17	4.45	101.1
3-23	do	43.4	2.13	4.38	92.5
4-11	do	40.7	2.25	4.35	91.8
4-28	do	43.3	1.99	4.40	86.2
5-10	do	46.9	2.30	4.55	107.9
5-28	do	47.8	2.60	4.75	124.3
6- 6	Palmer and Atkins	48.2	2.58	4.85	124.4
6-20	T. C. Palmer	46.8	2.48	4.95	116.0
7- 5	do	48.2	3.10	5.30	149.4
7-12	**J. K. Rohrer	.....	.....	.....	127.0
8- 8	T. C. Palmer	56.9	2.87	5.65	163.1
8-18	do	56.4	3.10	5.70	175.2
8-29	do	67.2	2.97	5.85	199.0
9-26	do	62.4	2.66	5.55	165.9
10- 5	do	59.4	2.83	5.45	167.9
10-26	do	44.2	3.00	5.25	132.8
11- 7	do	54.4	2.42	5.10	131.4
11-29	do	44.3	2.50	4.95	110.6
12-19	do	43.0	2.57	4.80	110.3

\*\*U. S. R. S. measurements.

†Estimated.



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NINE MILE DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1- 9	T. C. Palmer	42.0	2.52	.....	106.0
2- 6	do	36.0	2.23	.....	81.0
3- 6	do	34.0	2.39	.....	82.0
3-23	do	38.0	1.97	.....	75.0
4- 5	do	41.0	1.54	.....	64.0
5- 5	do	36.0	1.85	.....	68.0
5-25	do	35.0	2.00	.....	72.0
6- 8	do	44.0	1.90	.....	84.0
7-25	do	77.0	2.78	.....	214.0
8-25	do	51.0	3.20	.....	163.0
9- 1	do	51.0	3.53	.....	180.0
9-14	Palmer and Easterday	48.0	3.24	.....	157.0
9-28	T. C. Palmer	55.0	2.91	.....	160.0
10- 3	A. E. Johnston	.....	.....	.....	138.0
12-14	do	.....	.....	.....	94.0
12-26	do	.....	.....	.....	97.0
<b>1923</b>					
1-23	A. E. Johnston	33.2	2.37	4.75	78.9
2-14	do	30.7	2.18	4.85	67.1
2- 7	do	25.4	2.16	4.85	54.9
4- 3	do	28.0	2.23	4.80	62.4
4-28	do	27.9	2.17	4.85	60.7
5-11	Ketcham and Johnston	27.9	2.25	4.85	62.8
6-18	E. F. Ketcham	38.5	2.50	5.20	96.2
7-11	A. E. Johnston	42.1	2.43	5.50	102.7
8-17	E. F. Ketcham	31.3	4.12	5.00	129.0
8-28	A. E. Johnston	30.4	2.67	.....	81.4
9-17	A. H. Atkins	42.4	3.29	.....	139.6
9-21	do	48.0	2.83	.....	136.1
10- 3	A. E. Johnston	17.4	2.13	.....	37.2

Note:—All of Nine Mile water turned into Snell Drain after October 7.

NIOBRARA RIVER  
Sec. 6, Twp. 28, Rge. 51 W.  
Near Marsland

<b>1921</b>					
3-21	T. C. Palmer	38.0	1.86	.....	70.0
9- 8	Palmer and Heywood	18.0	1.12	.....	20.0
11- 4	T. C. Palmer	27.0	1.28	.....	35.0
12-14	do	32.0	1.60	.....	52.0
<b>1922</b>					
2-15	T. C. Palmer	23.0	1.77	.....	40.0
4- 1	do	37.0	1.67	.....	62.0
8- 4	A. H. Atkins	30.0	1.83	.....	56.0
12- 5	A. E. Johnston	.....	.....	.....	40.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## NIOBRARA RIVER

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. -Ft.
<b>1923</b>					
1-31	A. E. Johnston	31.7	1.03	.....	32.7
2-21	do	31.3	.81	.....	25.6
3-14	do	28.0	1.54	.....	43.4
5- 4	do	42.4	1.70	.....	72.2
5-20	E. F. Ketcham	31.9	1.35	.....	43.1
6-30	do	21.9	1.17	.....	25.8
7-19	A. H. Atkins	19.5	1.48	.....	28.9
8- 8	Ketcham and Heywood	35.0	1.56	.....	54.6
8-18	A. H. Atkins	21.7	1.39	.....	30.3
9- 8	A. E. Johnston	18.3	1.48	.....	27.1
9-15	A. H. Atkins	20.4	1.60	.....	32.4
10- 8	A. E. Johnston	35.5	1.50	.....	53.6
10-27	A. H. Atkins	38.0	.84	.....	32.3
11-11	A. E. Johnston	39.2	1.42	.....	55.7
11-23	A. H. Atkins	38.0	1.81	.....	68.8
<b>1924</b>					
2-19	A. E. Johnston	42.5	0.97	.....	41.3
4-15	do	86.8	1.59	.....	138.8
5-16	do	36.8	1.85	.....	68.4
7-11	do	12.4	1.10	.....	13.7
8- 1	do	16.2	1.43	.....	23.1
8-21	do	13.7	1.18	.....	16.1
10- 1	do	22.3	1.30	.....	28.9
10-15	J. D. Heywood	.....	.....	.....	30.5
11- 6	A. E. Johnston	22.1	1.37	.....	30.4
11-24	do	22.1	1.41	.....	31.0
<b>1925</b>					
1-27	A. E. Johnston	40.0	1.20	.....	49.0
2-24	do	43.0	1.22	.....	52.0
3-25	do	33.0	1.30	.....	43.0
4-27	do	25.0	1.30	.....	33.0
5-25	do	19.0	1.15	.....	22.0
6-18	do	23.0	1.08	.....	26.0
7-27	do	8.0	.72	.....	6.0
7-28	do	23.0	1.77	.....	41.0
8-18	do	13.0	1.41	.....	20.0
9-11	do	10.0	1.07	.....	11.0
10-26	do	27.0	1.41	.....	38.0
11-23	do	33.0	1.33	.....	44.0
<b>1926</b>					
3- 2	A. E. Johnston	70.6	1.22	.....	87.6
3-23	do	39.7	1.44	.....	57.2
4-13	do	40.4	1.35	.....	54.8
5- 4	do	30.8	.96	.....	29.5
5-25	do	22.5	1.11	.....	22.8
7- 6	do	22.5	1.17	.....	26.3
8-13	do	51.2	1.35	.....	69.5
9-11	do	28.4	1.10	.....	31.3
10-28	do	31.3	1.23	.....	38.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NIOBRARA RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1927</b>					
3-24	A. E. Johnston	45.0	1.16	.....	55.5
4-28	do	65.2	1.46	1.60	95.5
5-24	do	48.7	1.30	1.20	63.4
6-20	do	40.0	1.39	1.00	55.9
8- 2	do	26.1	1.23	.40	32.3
8-30	do	30.1	1.30	.50	39.4
9-20	do	25.5	1.12	.35	28.8
11- 2	do	33.2	1.41	.65	46.9
11-21	do	38.0	1.46	.75	55.7
12-19	do	23.4	1.89	.....	44.3
<b>1928</b>					
1-14	A. E. Johnston	34.9	1.73	1.85	60.5
2- 7	do	58.8	.85	1.75	49.9
3-28	A. W. Hall	42.3	1.38	1.10	58.6
4- 2	A. E. Johnston	42.5	1.43	.85	60.9
5- 1	do	26.0	1.33	.40	34.6
7- 3	do	27.4	1.20	.35	33.1
8-15	do	14.5	1.10	.....	15.9
9-25	do	18.9	1.19	.05	22.5
10-23	do	19.1	1.40	.15	24.2
12-20	do	28.0	1.37	2.10	38.4

NIOBRARA RIVER  
Sec. 27, Twp. 29, Rge. 48 W.  
Near Dunlap

<b>1921</b>					
3-14	T. C. Palmer	51.0	2.36	.....	121.0
4-26	do	33.0	1.80	1.55	60.0
8-16	do	32.0	1.79	1.50	58.0
9-12	do	29.0	1.68	1.40	49.0
10-10	do	28.0	1.64	1.40	45.0
11- 1	do	34.0	1.86	1.50	62.0
12-12	do	54.0	2.11	1.60	113.0
<b>1922</b>					
1-16	T. C. Palmer	32.0	2.13	.....	68.0
2-11	do	33.0	1.84	.....	61.0
3-27	do	72.0	1.94	.....	139.0
8- 4	A. H. Atkins	19.0	3.14	.....	59.0
12- 4	A. E. Johnston	.....	.....	.....	82.0
<b>1923</b>					
1-29	A. E. Johnston	56.0	1.93	.....	108.6
2-14	do	39.0	1.90	.....	74.0
3-13	do	54.4	1.68	.....	91.8
5- 2	do	64.4	1.76	.....	113.4
5-17	E. F. Ketcham	40.5	2.32	.....	94.0
6-27	do	33.1	1.57	.....	52.2
7-21	A. H. Atkins	20.4	1.63	.....	33.4
8- 3	E. F. Ketcham	43.5	1.80	.....	78.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NIOBRARA RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
8- 8	Ketcham and Heywood	47.6	1.65	.....	78.6
9- 5	A. E. Johnston	34.7	1.78	.....	61.8
10- 4	do	35.2	2.16	.....	76.3
11-27	A. H. Atkins	69.8	1.92	.....	134.3
<b>1924</b>					
1-22	A. E. Johnston	19.3	1.57	.....	30.3
2-20	do	43.4	2.56	.....	111.5
4-14	do	92.8	2.86	.....	266.1
5-12	do	40.7	2.16	.....	87.9
7-13	do	27.5	1.43	.....	39.4
7-28	do	24.8	1.36	.....	33.8
8-18	do	26.9	1.65	.....	44.7
10- 2	do	32.0	1.40	.....	44.8
10-15	J. D. Heywood	.....	.....	.....	54.8
11- 4	A. E. Johnston	25.7	1.90	.....	48.7
11-25	do	30.0	2.35	.....	70.3
<b>1925</b>					
1-28	A. E. Johnston	24.0	1.98	.....	53.0
2-25	do	35.0	2.40	.....	83.0
3-27	do	37.0	2.16	.....	80.0
4-30	do	25.0	1.75	.....	44.0
5-28	do	30.0	1.43	.....	43.0
6-22	do	16.0	1.52	.....	24.0
7-29	do	40.0	1.69	.....	67.0
8-14	do	25.0	1.58	.....	40.0
9- 8	do	16.0	.91	.....	14.0
10-27	do	24.0	2.00	.....	49.0
11-24	do	27.0	2.05	.....	56.0
<b>1926</b>					
3- 1	A. E. Johnston	29.6	2.76	1.00	81.6
3-22	do	30.3	2.35	1.00	71.2
4-13	do	30.4	2.42	1.05	73.4
5- 4	do	25.2	1.70	.72	43.1
5-25	do	22.6	1.83	.70	41.5
7- 6	do	22.2	2.12	.80	47.2
8-14	do	46.3	2.06	.80	95.6
9-10	do	16.1	1.75	.45	28.2
10-29	do	23.3	2.16	.65	50.2
<b>1927</b>					
2- 2	A. W. Hall	27.2	2.55	.....	69.4
3-25	A. E. Johnston	29.6	2.76	0.70	81.8
4-29	do	39.6	3.30	.95	118.7
5-24	do	37.7	2.44	.70	92.1
6-23	do	22.3	1.97	.30	43.9
7-30	do	25.3	2.05	.70	52.0
8-29	do	31.7	2.39	.75	75.9
9-20	do	28.9	1.95	.65	56.3
11- 2	do	30.2	2.08	.45	63.9
11-22	do	35.4	2.26	.50	80.1
12-21	do	27.2	2.21	.60	60.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NIOBRARA RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-17	A. E. Johnston	31.3	2.36	0.50	74.1
2- 6	do	28.4	2.91	.55	82.7
4-20	do	29.1	2.26	.40	65.8
6-22	A. W. Hall	21.8	1.85	.10	40.4
7- 2	A. E. Johnston	26.0	2.28	.20	59.4
8-14	do	19.7	1.71	.05	33.7
9-24	do	26.4	1.05	.90	27.7
10-23	do	28.0	1.58	1.15	44.5

NIOBRARA RIVER  
Sec. 1, Twp. 32, Rge. 10 W.  
South of Lynch

<b>1914</b>					
4- 6	D. P. Weeks, Jr.	442.0	3.22	2.25	1425.0
<b>1915</b>					
5- 2	D. P. Weeks, Jr.	862.0	3.71	2.50	3200.0
6- 5	do	960.0	6.86	2.35	6600.0
7- 1	do	591.0	3.36	2.56	1990.0
8- 4	do	760.0	4.70	3.05	3570.0
10- 9	do	600.0	3.27	3.06	1970.0
<b>1926</b>					
3- 5	A. E. Johnston	733.0	3.20	.....	2347.0
3-27	do	613.0	3.24	1.60	1989.0
4-17	do	480.0	3.32	1.70	1594.0
5-10	do	493.0	4.30	1.80	2109.0
6- 2	do	380.0	3.70	1.60	1406.0
7-12	do	321.0	4.00	1.40	1292.0
9-17	do	499.0	3.08	1.65	1537.0
<b>1927</b>					
6- 1	A. E. Johnston	587.0	4.66	1.70	2739.0
9- 6	do	301.0	3.60	1.40	1085.0
9-24	do	244.0	4.52	1.65	1103.0
11- 9	do	501.0	3.92	.....	1972.0
<b>1928</b>					
2-13	A. E. Johnston	.....	.....	.....	Ice
4- 7	do	629.0	3.60	2.70	2288.0
5- 9	do	569.0	2.63	2.40	1493.0
7-10	do	399.0	3.46	1.65	1382.0
10- 4	do	235.0	3.69	1.45	832.0
12-25	do	410.0	3.11	.....	1280.0

NIOBRARA RIVER  
Sec. 36, Twp. 31, Rge. 57 W.

<b>1924</b>					
7-15	J. D. Heywood	4.8	1.40	.....	5.5

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NIOBRARA RIVER  
Sec. 18, Twp. 30, Rge. 56 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1924 7-15	J. D. Heywood	6.6	1.31	.....	8.6

NIOBRARA RIVER  
Sec. 23, Twp. 29, Rge. 56 W.

1921 9- 7	Palmer and Heywood	10.0	0.78	.....	0.8
1924 10-29	J. D. Heywood	.....	.....	.....	13.0

NIOBRARA RIVER  
Sec. 28, Twp. 29, Rge. 48 W.

1922 10- 5	J. D. Heywood	.....	.....	.....	41.0
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NIOBRARA RIVER  
Sec. 22, Twp. 29, Rge. 45 W.

1923 8-16	A. H. Atkins	61.0	1.80	.....	110.0
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NIOBRARA RIVER  
Sec. 3, Twp. 28, Rge. 55 W.

1922 9- 7	Palmer and Heywood	8.0	1.47	.....	12.0
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NIOBRARA RIVER  
Sec. 6, Twp. 28, Rge. 52 W.

1922 9- 8	Palmer and Heywood	17.0	1.14	.....	20.0
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NIOBRARA RIVER  
Sec. 25, Twp. 34, Rge. 46 W.

1923 9- 6	A. E. Johnston	144.0	1.68	.....	243.0
10- 5	do	91.0	2.86	.....	260.0
11-10	do	114.0	3.14	.....	358.0

NIOBRARA RIVER  
Sec. 15, Twp. 31, Rge. 41 W.

1922 10- 5	J. D. Heywood	.....	.....	.....	106.0
1923 8- 9	E. F. Ketcham	93.0	2.57	.....	239.0
1925 9-25	J. D. Heywood	49.0	1.85	.....	91.0
10-27	do	63.0	2.12	.....	134.0

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NIOBRARA RIVER  
Sec. 19, Twp. 30, Rge. 43 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1922					
9-9	Palmer and Heywood	42.0	1.54	.....	65.0

NIOBRARA RIVER  
Sec. 28, Twp. 32, Rge. 40 W.

1922					
9-10	Palmer and Heywood	73.0	2.21	.....	161.0
1923					
8-9	E. F. Ketcham	91.0	3.34	.....	295.0

NIOBRARA RIVER  
Sec. 1, Twp. 35, Rge. 33 W.

1923					
8-17	A. H. Atkins	144.0	1.76	.....	255.0

NIOBRARA RIVER  
Sec. 9, Twp. 29, Rge. 56 W.

1925					
5-27	A. E. Johnston	1.1	0.55	.....	0.6

NIOBRARA RIVER  
Sec. 17, Twp. 31, Rge. 57 W.

1923					
7-18	A. H. Atkins	7.0	1.14	.....	9.0
1924					
5-15	Johnston and Heywood	7.0	1.36	.....	9.0
7-15	J. D. Heywood	3.0	1.00	.....	3.0
8-1	Johnston and Heywood	7.0	1.00	.....	7.0
9-23	do	2.0	2.50	.....	5.0
10-16	J. D. Heywood	.....	.....	.....	7.0
10-29	do	.....	.....	.....	9.0
1925					
4-29	A. E. Johnston	6.0	1.34	.....	8.0
5-27	do	5.0	1.40	.....	7.0
6-19	do	5.0	1.00	.....	5.0
1926					
8-26	J. D. Heywood	9.0	1.00	.....	9.0
1927					
6-21	A. E. Johnston	8.7	1.62	.....	14.1
8-30	do	6.6	1.36	.....	9.0
1928					
8-15	A. E. Johnston	4.6	1.78	.....	8.2
9-26	do	6.8	1.10	.....	7.5
10-24	do	4.5	2.24	.....	10.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NIOBRARA RIVER  
Sec. 7, Twp. 28, Rge. 53 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
9- 8	Palmer and Heywood	8.0	1.75	.....	14.0
<b>1922</b>					
8-10	J. D. Heywood	11.0	2.68	.....	29.0
9-25	do	6.0	1.82	.....	11.0
<b>1924</b>					
5-16	Johnston and Heywood	19.0	2.72	.....	52.0
8- 1	do	6.0	1.66	.....	10.0
10-17	J. D. Heywood	.....	.....	.....	23.0
10-30	do	.....	.....	.....	22.0
<b>1925</b>					
4-30	A. E. Johnston	9.0	2.20	.....	20.0
5-27	do	10.0	1.40	.....	14.0
6-19	do	7.0	2.00	.....	14.0
8-18	do	8.0	1.62	.....	13.0
9-10	do	9.0	1.55	.....	14.0
<b>1926</b>					
5- 4	A. E. Johnston	13.4	2.02	.....	27.0
5-25	do	12.2	1.72	.....	21.1
7- 4	do	15.9	1.21	.....	19.3
9-11	do	18.2	1.03	.....	18.8
<b>1927</b>					
5-24	A. E. Johnston	33.6	1.48	.....	49.8
6-20	do	25.6	1.28	.....	32.9
8-30	do	16.7	2.20	.....	36.9
<b>1923</b>					
5- 1	A. E. Johnston	20.7	1.09	.....	22.5
8-15	do	14.8	1.33	.....	19.7
9-25	do	12.5	1.53	.....	19.1
10-23	do	13.5	1.69	.....	22.8

NIOBRARA RIVER  
Sec. 7, Twp. 28, Rge. 55 W.

<b>1921</b>					
9- 7	Palmer and Heywood	11.0	1.15	.....	13.0
<b>1923</b>					
7-19	A. H. Atkins	12.0	1.46	.....	18.0
<b>1924</b>					
5-15	A. E. Johnston	18.0	2.00	.....	36.0
8- 1	Johnston and Heywood	14.0	1.21	.....	17.0
10-29	do	.....	.....	.....	15.0
11-17	J. D. Heywood	.....	.....	.....	19.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NIOBRARA RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
4-29	A. E. Johnston	10.0	1.80	.....	18.0
5-27	do	9.0	1.33	.....	12.0
6-19	do	9.0	1.58	.....	14.0
8-18	do	8.0	1.25	.....	10.0
9-10	do	7.0	1.14	.....	8.0
<b>1926</b>					
5- 4	A. E. Johnston	7.2	1.40	0.40	10.0
5-25	do	6.7	1.50	.40	10.0
7- 4	do	8.4	1.95	.50	16.3
9-11	do	9.9	1.89	.50	18.8
<b>1927</b>					
5-24	A. E. Johnston	16.1	2.54	0.80	40.8
6-21	do	14.3	2.42	.75	35.5
8-30	do	15.4	1.91	.60	29.4
<b>1928</b>					
5- 1	A. E. Johnston	11.2	1.83	0.60	20.5
8-15	do	8.0	1.89	.50	15.1
9-25	do	9.1	2.28	.50	20.8
10-23	do	10.2	1.80	.50	18.3
<b>NIOBRARA RIVER</b>					
Sec. 4, Twp. 28, Rge. 54 W.					
<b>1923</b>					
7-19	A. H. Atkins	10.0	2.80	.....	28.0
<b>1924</b>					
5-16	Johnston and Heywood	20.0	1.67	.....	34.0
8- 1	do	12.0	.83	.....	10.0
<b>1925</b>					
4-30	A. E. Johnston	9.0	1.82	.....	16.0
5-27	do	8.0	1.75	.....	14.0
6-19	do	9.0	2.00	.....	16.0
8-18	do	7.0	1.63	.....	12.0
9-10	do	6.0	2.00	.....	12.0
<b>1926</b>					
5- 4	A. E. Johnston	9.4	1.53	.....	14.4
5-25	do	8.3	1.51	.....	12.4
7- 4	do	11.2	2.05	.....	23.0
9-11	do	14.1	1.24	.....	17.5
<b>1927</b>					
5-24	A. E. Johnston	30.0	1.39	.....	41.7
6-20	do	24.6	1.74	.....	42.9
8-30	do	20.6	1.31	.....	27.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NIOBRARA RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
5- 1	A. E. Johnston	14.3	1.59	.....	22.7
8-15	do	15.4	1.11	.....	17.1
9-25	do	9.6	2.14	.....	20.5
10-23	do	11.6	1.67	.....	19.4

NIOBRARA RIVER  
Secs. 9 and 10, Twp. 29, Rge. 56 W.

<b>1921</b>					
9- 7	Palmer and Heywood	14.0	0.63	.....	9.0
<b>1923</b>					
7-18	A. H. Atkins	20.0	1.20	.....	24.0
<b>1924</b>					
5-15	A. E. Johnston	15.0	1.76	.....	26.0
8- 1	Johnston and Heywood	16.0	1.37	.....	22.0
10-14	J. D. Heywood	.....	.....	.....	19.0
10-29	do	.....	.....	.....	8.0
<b>1925</b>					
4-29	A. E. Johnston	12.0	1.31	.....	16.0
5-27	do	11.0	.....	.....	15.0
6-19	do	11.0	1.00	.....	11.0
7-28	J. D. Heywood	6.0	1.00	.....	6.0
8-12	do	.....	.....	.....	5.0
8-18	A. E. Johnston	8.0	.87	.....	7.0
<b>1926</b>					
5- 4	A. E. Johnston	15.7	0.70	.....	11.0
5-25	do	16.3	.70	.....	11.4
9-11	do	7.9	1.36	.....	10.8
<b>1927</b>					
5-24	A. E. Johnston	14.7	1.72	.....	25.3
6-21	do	15.5	1.93	.....	29.9
8-30	do	12.2	1.78	.....	21.7
<b>1928</b>					
5- 1	A. E. Johnston	13.5	1.33	.....	17.9
8-15	do	7.3	1.19	.....	8.7
9-25	do	7.2	1.43	.....	10.3
10-23	do	10.3	1.57	.....	16.2

NIOBRARA RIVER  
Sec. 8, Twp. 33, Rge. 35 W.

<b>1924</b>					
5-13	A. E. Johnston	124.7	2.12	.....	266.0
7-29	do	123.0	1.91	.....	234.5
8-19	do	119.0	2.01	.....	290.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NIOBRARA RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-29	A. E. Johnston	129.0	2.10	.....	271.0
<b>1926</b>					
3- 3	A. E. Johnston	144.0	2.94	.....	423.0
3-24	do	152.0	2.59	.....	394.0
4-15	do	136.0	2.75	.....	373.0
5- 7	do	147.0	3.43	.....	504.0
5-28	do	125.0	2.42	.....	301.0
7- 8	do	198.0	2.30	.....	457.0
9-14	do	113.0	2.42	.....	273.0
<b>1927</b>					
5-27	A. E. Johnston	107.9	3.50	.....	378.0
9- 2	do	143.0	2.23	.....	319.4
9-22	do	123.5	2.05	.....	308.4
11- 4	do	146.0	2.74	.....	400.5
<b>1923</b>					
2- 9	A. E. Johnston	170.0	2.66	.....	452.0
4- 4	do	143.0	2.83	.....	406.0
5- 5	do	132.0	2.84	.....	376.0
7- 6	do	140.0	2.41	.....	338.0
10- 1	do	125.0	2.02	.....	251.0
10-26	do	103.0	2.54	.....	262.0
12-22	do	115.0	2.25	.....	260.0

NIOBRARA RIVER  
Sec. 28, Twp. 34, Rge. 27 W.  
Near Valentine

<b>1923</b>					
11- 9	A. E. Johnston	248.0	4.72	.....	1172.0
<b>1926</b>					
3- 4	A. E. Johnston	207.0	6.39	.....	1368.0
3-25	do	261.0	4.36	1.45	1141.0
4-15	do	255.0	4.04	1.40	1030.0
5- 8	do	241.0	5.70	1.70	1376.0
5-29	do	222.0	6.10	1.65	1361.0
7- 9	do	228.0	4.65	1.70	1295.0
9-16	do	237.0	3.65	1.30	865.0
<b>1927</b>					
5-28	A. E. Johnston	259.0	4.50	1.50	1161.0
9- 3	do	221.0	4.50	1.30	998.0
9-23	do	226.0	4.54	1.35	1027.0
11- 6	do	203.0	5.74	1.75	1167.0
<b>1928</b>					
2-11	A. E. Johnston	382.0	3.51	.....	1341.0
4- 5	do	264.0	4.70	.....	1242.0
5- 7	do	256.0	3.60	.....	924.0
7- 7	do	242.0	3.87	.....	938.0
10- 2	do	238.0	3.95	.....	942.0
10-29	do	249.0	4.31	.....	1017.0
12-24	do	273.0	4.13	.....	1125.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NORTH PLATTE RIVER  
Near Ft. Laramie, Wyoming

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
2-15	A. E. Johnston	74.0	1.03	.....	76.6
4- 4	do	197.0	3.62	.....	713.5
4-26	do	436.8	2.04	.....	892.3
5- 9	Ketcham and Johnston	670.8	2.98	.....	1999.6
5-29	do	654.3	3.14	.....	2059.2
6-16	E. F. Ketcham	926.3	3.41	.....	3166.5
7- 9	A. E. Johnston	1299.2	2.04	.....	2662.3
8-14	E. F. Ketcham	703.5	2.64	.....	1861.1
8-25	A. E. Johnston	645.0	2.48	.....	1602.9
10-24	do	404.8	2.55	.....	1034.2
11-15	do	337.4	2.22	.....	750.4
<b>1924</b>					
1-15	A. E. Johnston	174.0	1.53	.....	266.6
1-29	do	115.5	2.93	.....	338.3
2-14	do	283.5	2.10	.....	596.5
3-19	do	231.7	1.32	.....	305.0
4-10	do	1187.5	4.28	.....	5090.1
5- 7	do	2130.9	5.63	.....	12016.9
6- 7	do	1037.0	4.08	.....	4239.8
7- 7	do	1073.3	3.41	3.40	3661.5
7- 23	C. G. Hrubesky	858.0	3.67	.....	3154.0
8-13	do	860.0	3.26	.....	279.0
9- 6	do	742.0	3.11	.....	2310.0
10-14	A. E. Johnston	505.0	2.35	.....	1182.0
10-29	do	461.0	2.48	.....	1144.0
11-20	do	359.0	1.66	No gage	596.0
12-16	do	361.0	1.58	.....	573.0
<b>1925</b>					
1- 8	A. E. Johnston	109.0	2.58	.....	280.0
2- 4	do	369.0	1.40	.....	517.0
3- 3	do	132.0	2.81	.....	371.0
4- 1	do	96.0	2.03	.....	195.0
4-22	Johnston and Franklin	80.0	2.22	.....	177.0
5-21	A. W. Hall	502.0	3.48	.....	1746.0
6- 6	do	691.0	3.28	.....	2267.0
6-20	do	463.0	3.15	.....	1461.0
7- 2	do	598.0	2.75	.....	1644.0
8- 1	do	775.0	4.00	.....	3103.0
9- 4	do	502.0	2.40	1.00	1204.0
10-22	A. E. Johnston	90.0	2.45	.....	222.0
12- 3	do	76.0	2.06	.....	158.0
<b>1926</b>					
6- 3	A. W. Hall	556.0	2.56	.....	1597.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

NORTH PLATTE RIVER  
Below Tri-State Diversion Dam

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
10- 4	A. E. Johnston	26.0	2.40	.....	63.0
<b>1923</b>					
8-23	A. W. Hall	165.0	2.92	.....	481.0
9-10	do	351.0	1.93	.....	677.0
9-24	do	180.0	1.48	.....	267.0
10- 6	C. E. Franklin	104.0	2.01	.....	209.0
10-13	A. W. Hall	87.0	2.26	.....	197.0

NORTH PLATTE RIVER  
Above Mitchell Diversion Works

<b>1923</b>					
3-21	A. W. Hall	352.0	2.29	.....	806.0

OAK CREEK  
Sec. 35, Twp. 15, Rge. 13 W.

<b>1923</b>					
7- 5	A. H. Atkins	1.8	1.20	.....	2.1
8-16	A. E. Johnston	30.0	1.12	.....	36.7

OAKLAND DRAIN  
Sec. 36, Twp. 22, Rge. 8 E.

<b>1923</b>					
7- 2	A. H. Atkins	4.4	0.77	.....	3.4
7-18	E. F. Ketcham	2.6	.36	.....	.9
8- 4	A. H. Atkins	1.8	.73	.....	1.3
8-18	A. E. Johnston	210.8	2.95	.....	622.7

OTTER CREEK  
Sec. 9, Twp. 15, Rge. 40 W.

<b>1919</b>					
4-18	Palmer and North	10.3	1.59	1.85	16.5
4-28	Earl North	11.9	1.72	.....	20.5
5- 5	do	12.2	1.85	.....	22.6
5-13	do	9.4	1.64	.....	15.4
5-24	do	8.8	1.83	.....	16.0
5-30	do	6.0	.62	.....	3.7
6-11	do	10.9	1.97	.....	21.4
8-23	do	9.9	1.90	.....	18.8
9- 1	do	10.8	1.47	.....	15.9
<b>1921</b>					
3- 1	T. C. Palmer	8.8	2.44	.....	21.4
3-31	do	11.6	2.13	.....	24.6
5- 4	do	13.6	1.89	.....	25.7
6-23	A. H. Atkins	2.3	1.46	.....	3.4
7- 7	do	2.1	.78	.....	1.6
7-15	do	7.9	2.30	.....	18.2
7-27	do	8.7	1.43	0.50	12.4
8- 4	do	13.6	1.92	1.00	26.0
8-11	do	11.8	1.13	1.00	23.3
8-19	do	10.7	2.28	.60	24.5
10-14	T. C. Palmer	12.0	1.89	.....	22.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

OTTER CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
3-17	T. C. Palmer	15.0	2.40	.....	36.0
4- 7	A. E. Johnston	11.0	2.20	.....	22.0
4-19	do	10.0	1.90	.....	19.0
5- 2	do	9.0	2.00	.....	19.0
5-16	do	12.0	2.37	.....	29.0
6- 1	do	16.0	.89	.....	14.0
6-17	do	5.0	2.50	.....	12.0
7- 2	do	10.0	2.02	.....	20.0
7-21	do	10.0	2.12	.....	22.0
9- 1	Johnston and Eyerly	9.0	1.73	.....	16.0
9-16	Johnston and Easterday	11.0	2.24	.....	24.0
11-29	A. E. Johnston	.....	.....	.....	22.0
<b>1923</b>					
1-12	A. E. Johnston	11.7	1.83	.....	22.1
2-10	do	14.1	1.76	.....	24.9
3- 1	do	10.3	2.70	.....	27.9
3-29	do	8.3	2.33	.....	19.4
4-10	do	8.9	2.04	.....	18.2
5-17	do	10.7	2.12	.....	22.7
5-29	do	12.6	1.78	.....	22.4
6-29	E. F. Ketcham	9.5	2.08	.....	19.8
7- 6	do	10.0	1.71	.....	17.1
7-20	A. E. Johnston	12.8	1.64	.....	21.1
7-25	A. H. Atkins	10.6	2.27	.....	24.0
8-10	A. E. Johnston	12.1	2.02	.....	24.5
8-27	A. H. Atkins	9.4	2.03	.....	19.2
9-12	A. E. Johnston	11.5	2.13	.....	24.6
9-27	A. H. Atkins	11.1	1.92	.....	21.4
10-19	Atkins and Wood	12.4	2.02	.....	25.1
<b>1924</b>					
2- 9	A. E. Johnston	11.2	1.91	.....	21.4
3- 4	do	9.7	2.65	.....	25.8
3-13	do	11.4	2.26	.....	25.8
4- 4	do	11.6	2.31	.....	26.9
4-21	do	14.0	1.50	.....	21.1
5-21	do	10.7	1.99	.....	21.4
6-14	do	10.0	2.28	.....	22.8
7-16	do	2.6	.63	.....	1.6
7-24	do	3.0	.95	.....	2.9
8- 2	C. G. Hrubesky	.....	.....	.....	1.0
8-16	do	3.1	1.00	.....	3.1
8-26	A. E. Johnston	9.5	1.99	.....	18.9
9- 1	C. G. Hrubesky	6.5	1.24	.....	8.1
10- 7	A. E. Johnston	9.8	2.64	.....	25.1
10-25	do	10.0	2.44	.....	24.4
11-17	do	11.1	2.48	.....	26.5
12- 1	do	10.6	2.33	.....	25.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

OTTER CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
2- 9	A. E. Johnston	12.9	2.28	.....	29.6
3-10	do	10.7	2.34	.....	25.1
4- 7	do	12.6	2.26	.....	28.5
4-29	A. W. Hall	15.5	1.80	.....	28.7
5-19	A. E. Johnston	10.3	1.82	.....	18.8
6- 2	do	2.9	.65	.....	1.9
6-15	do	9.4	2.56	.....	24.1
6-26	do	8.6	2.23	.....	19.2
7- 9	do	11.3	2.30	.....	25.9
7-15	do	10.0	2.20	.....	22.0
7-22	do	8.0	1.83	.....	14.8
8- 4	do	12.5	1.94	.....	24.2
8-13	do	9.9	2.22	.....	21.9
8-26	do	11.4	2.16	.....	24.7
9-16	do	13.6	2.17	.....	29.5
9-25	do	11.9	2.23	.....	26.5
10-15	do	12.5	2.28	.....	28.6
11- 4	do	12.2	1.98	.....	24.2
<b>1926</b>					
1-20	A. E. Johnston	10.1	2.50	.....	25.0
2- 9	do	10.8	2.53	.....	27.7
3-18	do	12.1	2.18	.....	26.4
4- 9	do	10.5	2.22	.....	23.4
4-29	do	11.0	2.34	.....	25.8
5-20	do	11.0	2.46	.....	27.0
6-14	do	1.0	.82	.....	.8
6-28	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
7-30	do	5.2	1.17	.....	6.0
8- 9	do	.9	.48	.....	.4
8-20	do	10.4	2.04	.....	21.7
9- 2	do	10.2	2.54	.....	25.5
9-29	do	11.1	2.15	.....	23.9
10-26	do	12.7	2.06	.....	26.2
11-12	do	12.4	2.14	.....	26.5
<b>1927</b>					
2-17	A. W. Hall	9.2	1.53	.....	14.1
3-23	do	3.1	1.64	.....	5.1
4- 6	A. E. Johnston	10.4	1.98	.....	20.6
4-19	do	12.4	2.56	.....	31.8
5- 4	do	8.4	.61	.....	5.1
5-21	do	13.2	2.14	.....	28.3
6-15	do	12.9	2.50	.....	32.4
6-29	do	6.8	1.53	.....	10.4
7-16	do	1.3	.53	.....	.7
7-26	do	1.0	.70	.....	.7
8- 5	do	13.9	1.95	.....	27.1
8-24	do	1.9	1.26	.....	2.4

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

OTTER CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
9-15	A. E. Johnston	12.1	2.20	.....	26.6
10- 7	do	11.5	2.48	.....	28.6
10-12	do	10.7	2.32	.....	24.8
10-28	do	11.6	2.38	.....	27.7
11-17	do	12.6	2.24	.....	28.1
11-26	do	12.1	2.00	.....	24.3
12-23	do	12.6	2.31	.....	29.2
<b>1928</b>					
1-10	A. E. Johnston	15.7	1.92	.....	30.1
1-21	do	8.9	3.04	.....	27.0
2- 3	do	11.9	2.56	.....	30.5
2-29	do	13.7	2.30	.....	31.6
3- 6	do	16.9	2.10	.....	35.4
3-28	do	10.8	2.74	.....	29.7
4-25	do	10.0	2.28	.....	22.8
5-31	do	12.1	1.50	.....	18.1
6- 7	do	20.2	1.18	.....	23.8
6-28	do	13.2	1.97	.....	26.1
7-19	do	11.6	2.42	.....	28.1
7-25	do	13.4	2.29	.....	30.7
8-10	do	10.6	2.42	.....	25.7
8-21	do	15.8	1.61	.....	25.5
8-27	do	6.2	1.66	.....	10.3
9- 4	do	11.1	1.92	.....	21.3
9-18	do	6.8	1.38	.....	9.4
10-18	do	10.6	1.90	.....	20.2
11- 5	do	14.0	2.00	.....	28.1
11- 9	do	13.0	2.08	.....	27.1
11-26	do	14.4	2.19	.....	31.5
12- 4	do	12.4	2.35	.....	29.1
12-18	do	11.5	2.20	.....	25.4

PAPILLION CREEK  
Sec. 35, Twp. 15, Rge. 13 E.

<b>1928</b>					
2-22	A. E. Johnston	9.0	0.38	.....	3.5
3-19	do	6.2	1.30	.....	8.1
4-14	do	9.9	.56	.....	5.5
5-14	do	5.1	.84	.....	4.3
6-19	do	9.1	1.24	.....	11.2
10- 9	do	4.5	1.18	.....	5.3
11-17	do	7.5	.72	.....	5.4

PAPPIO CREEK, BIG  
Sec. 34, Twp. 15, Rge. 12 E.

<b>1923</b>					
7-19	E. F. Ketcham	12.1	1.28	.....	15.5

PAPPIO CREEK, LITTLE  
Sec. 1, Twp. 14, Rge. 11 E.

<b>1923</b>					
7-21	E. F. Ketcham	1.60	0.46	.....	0.70
8- 6	A. H. Atkins	2.40	.92	.....	2.23



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## PAWNEE CREEK

Sec. 4, Twp. 12, Rge. 27 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
6-30	Earl North	4.3	1.45	.....	6.2
7-25	do	3.7	1.25	.....	4.6
7-29	do	3.7	1.31	.....	4.9
8- 8	do	5.3	1.27	.....	6.8
8-19	do	3.6	1.40	.....	5.1
9- 3	do	4.4	1.57	.....	7.0
9-19	do	4.4	1.73	.....	7.7
<b>1921</b>					
4- 2	T. C. Palmer	9.5	0.93	.....	8.8
5- 6	do	8.4	.85	.....	7.2
10-17	do	8.6	.75	.....	6.4
<b>1922</b>					
3-16	T. C. Palmer	11.3	0.78	.....	8.8
4-14	A. E. Johnston	14.8	.79	.....	11.8
4-21	do	6.5	.80	.....	5.2
5- 5	do	4.3	1.70	.....	7.3
5-19	do	17.2	.23	.....	4.1
6- 5	do	19.1	.38	.....	7.3
6-21	do	4.4	1.04	.....	4.6
6-24	do	3.5	.83	.....	2.9
7- 5	do	5.0	.86	.....	4.3
7- 8	do	4.0	.85	.....	3.4
7-24	do	4.3	.81	.....	3.5
7-27	do	5.0	.96	.....	4.8
8- 9	do	6.3	.38	.....	2.4
8-29	do	3.6	.86	.....	3.1
9- 6	Johnston and Eyerly	3.8	1.10	.....	4.2
9-19	Johnston and Easterday	4.4	1.06	.....	4.7
9-28	A. E. Johnston	2.5	1.16	.....	2.9
11-23	do	.....	.....	.....	4.4
<b>1923</b>					
1-10	A. E. Johnston	10.4	0.56	.....	5.8
2- 9	do	4.6	1.40	.....	6.5
2-28	do	13.8	.63	.....	8.7
3-27	do	9.5	1.00	.....	9.5
4-12	do	8.8	.64	.....	5.6
5-19	do	18.8	1.02	.....	19.3
7-10	E. F. Ketcham	9.7	.53	.....	5.2
7-29	do	23.8	.51	.....	12.3
8- 9	A. E. Johnston	29.4	1.03	.....	30.4
9-14	do	8.6	1.00	.....	8.7
10-17	do	18.4	.03	.....	6.1
10-20	Atkins and Wood	20.3	.05	.....	10.2
11- 5	A. E. Johnston	18.6	.05	.....	10.0
11-14	A. H. Atkins	21.6	.04	.....	9.2
11-26	A. E. Johnston	18.0	.04	.....	8.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PAWNEE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
2- 8	A. E. Johnston	28.4	0.36	.....	9.4
3-28	do	25.5	.77	.....	20.1
4-23	do	35.5	.29	.....	10.3
5-24	do	2.4	.76	.....	1.8
6-18	do	25.3	.26	.....	6.3
7-18	do	4.0	.53	.....	2.1
7-21	do	6.0	.51	.....	3.1
8- 5	C. G. Hrubesky	1.9	.81	.....	1.6
8-20	do	.....	.....	.....	7.2
8-29	do	4.2	1.19	.....	5.0
9-10	A. E. Johnston	4.3	.98	.....	4.2
10-23	do	<b>6.3</b>	1.18	.....	7.4
11-14	do	7.3	1.03	.....	7.5
12- 3	do	8.3	1.09	.....	9.0
<b>1925</b>					
2-12	A. E. Johnston	19.6	1.09	.....	21.4
3-12	do	12.4	1.03	.....	12.7
4- 9	do	13.8	1.15	.....	15.9
5- 8	do	10.2	1.17	.....	12.0
5-16	do	14.1	1.44	.....	20.3
6- 8	do	4.9	1.10	.....	5.4
6-29	do	4.7	1.08	.....	5.1
7- 7	do	4.2	1.12	.....	4.7
8-11	do	2.9	1.17	.....	3.4
8-28	do	5.3	1.15	.....	6.1
9-18	do	6.3	1.09	.....	6.9
11- 6	do	6.8	.98	.....	6.6
<b>1926</b>					
1-21	A. E. Johnston	8.3	1.19	.....	9.9
2-11	do	14.1	1.17	.....	16.5
3-16	do	11.9	.91	.....	10.8
4- 6	do	8.8	.97	.....	8.6
4-27	do	6.9	1.03	.....	7.1
5-18	do	5.1	.80	.....	4.1
6-10	do	3.3	.66	.....	2.2
6-24	do	4.9	1.12	.....	5.5
7-20	do	6.1	.92	.....	5.6
8- 3	do	2.5	.48	.....	1.2
8- 7	do	2.3	.48	.....	1.1
8-23	do	5.9	1.10	.....	6.5
8-30	do	6.3	1.13	.....	7.1
9-27	do	7.9	1.06	.....	8.4
10-22	do	5.7	1.02	.....	5.8

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PAWNEE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-23	A. W. Hall	9.2	1.74	.....	16.0
4- 8	A. E. Johnston	13.1	.85	.....	11.2
4-16	do	25.4	.97	.....	24.7
5- 6	do	18.5	.80	.....	14.8
5-19	do	9.8	.73	.....	7.2
6-11	do	10.0	.56	.....	5.6
7- 1	do	9.3	.62	.....	5.8
7-14	do	7.6	.50	.....	3.8
8- 8	do	7.2	1.01	.....	7.3
8-20	do	7.5	1.05	.....	7.9
9-13	do	6.0	.95	.....	5.7
10- 4	do	8.5	1.04	.....	8.6
10-18	do	7.9	1.05	.....	8.3
10-27	do	9.4	1.06	.....	10.0
11-15	do	6.7	1.03	.....	6.9
11-29	do	11.4	.87	.....	9.9
12- 8	do	.....	.....	.....	6.7
<b>1928</b>					
1- 9	A. E. Johnston	8.7	1.29	.....	11.2
1-25	do	12.8	.84	.....	10.8
2- 1	do	12.9	1.12	.....	14.4
2-25	do	8.7	.85	.....	7.5
3- 9	do	17.1	1.07	.....	17.8
3-24	do	13.3	.99	.....	13.2
4-21	do	8.6	.57	.....	4.9
5-25	do	8.4	1.00	.....	8.4
6-11	do	9.7	1.05	.....	10.2
6-25	do	9.5	.95	.....	9.3
7-17	do	7.6	.80	.....	6.1
8- 7	do	10.0	.76	.....	7.6
8-29	do	3.3	2.42	.....	.8
9- 1	do	4.5	.35	.....	1.6
9-14	do	4.7	.44	.....	2.1
10-16	do	8.0	.98	.....	7.8
11-13	do	11.7	.88	.....	10.2
11-23	do	10.9	1.54	.....	16.8
12- 5	do	12.0	.97	.....	11.6
12-15	do	17.9	1.39	.....	25.0

## PEPPER CREEK

Secs. 27 and 28, Twp. 30, Rge. 48 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
3-14	T. C. Palmer	0.92	0.90	.....	0.8
4-26	do	.90	.84	.....	.7
8-16	do	.33	1.03	.....	.3
9-12	do	.60	.68	.....	.4
10-10	do	.65	.90	.....	.6
11- 1	do	.65	.93	.....	.6
12-12	do	.70	1.12	.....	.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## PEPPER CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5- 2	A. E. Johnston	1.90	1.14	.....	2.2
5-17	E. F. Ketcham	.90	.43	.....	.4
6-27	do	2.3	.25	.....	.6
8- 3	do	1.0	.72	.....	.7
<b>1927</b>					
4-29	A. E. Johnston	1.0	1.00	.....	1.0
6-23	do	.6	.83	.....	.5
11-22	do	.8	.85	.....	.7

## PINE CREEK

Sec. 33, Twp. 30, Rge. 44 W.

<b>1923</b>					
9- 9	Palmer and Heywood	13.3	1.18	.....	16.0
<b>1925</b>					
9-23	J. D. Heywood	17.0	2.02	.....	35.0
10-28	do	20.0	1.30	.....	26.0
<b>1927</b>					
9- 1	A. E. Johnston	16.2	1.60	.....	26.0
9-21	do	16.9	1.08	.....	18.0
11- 4	do	16.5	1.88	.....	31.0
<b>1928</b>					
2- 8	A. E. Johnston	25.5	1.71	.....	44.0
4- 4	do	16.0	1.70	.....	27.0
5- 4	do	17.2	1.94	.....	33.0
7- 5	do	14.2	1.50	.....	21.0
9-29	do	11.1	2.18	.....	24.0
10-26	do	11.6	1.40	.....	16.0
10-29	do	30.7	1.67	.....	51.0
12-21	do	13.3	1.41	.....	19.0

## PLUM CREEK

Sec. 19, Twp. 31, Rge. 23 W.

<b>1923</b>					
11- 9	A. E. Johnston	32.7	2.31	.....	76.0

## PLUM CREEK

Sec. 3, Twp. 16, Rge. 5 W.

<b>1923</b>					
8-17	A. E. Johnston	5.9	0.83	.....	4.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## PLUM CREEK

Sec. 15, Twp. 22, Rge. 6 E.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
8-18	A. E. Johnston	92.6	0.62	.....	58.0

## POLE CREEK

Sec. 28, Twp. 32, Rge. 40 W.

1921					
9-10	Palmer and Heywood	2.9	1.14	.....	3.3

## PONCA CREEK

Sec. 14, Twp. 33, Rge. 10 W.

1926					
3- 5	A. E. Johnston	23.1	1.12	.....	25.8
3-27	do	7.3	1.05	.....	7.7
4-17	do	7.1	.97	.....	6.9
5-10	do	7.2	.86	.....	6.2
6- 2	do	1.7	.70	.....	1.2
7-12	do	.6	.66	.....	.0
9-17	do	4.3	1.26	.....	5.4
1927					
6- 1	A. E. Johnston	45.5	2.22	.....	101.2
9- 6	do	15.6	1.35	.....	21.2
9-24	do	3.5	.80	.....	2.8
11- 9	do	6.8	.77	.....	6.4
1928					
2-13	A. E. Johnston	36.7	1.68	.....	61.9
4- 7	do	20.3	1.09	.....	22.6
5- 9	do	11.5	1.02	.....	11.7
7-10	do	1.6	1.12	.....	1.8
10- 4	do	.....	.....	.....	.0
12-25	do	.....	.....	.....	.0

## PRAIRIE CREEK

Sec. 22, Twp. 15, Rge. 6 W.

1923					
8- 3	A. H. Atkins	11.4	1.18	.....	14.0
8-17	A. E. Johnston	11.0	1.16	.....	13.0

## PRAIRIE CREEK

Sec. 24, Twp. 16, Rge. 3 W.

1928					
2-20	A. E. Johnston	14.4	1.23	.....	17.7
3-16	do	12.9	1.56	.....	20.1
4-11	do	14.1	1.18	.....	16.6
5-11	do	14.9	1.36	.....	20.3
6-15	do	15.6	1.41	.....	22.0
7-12	do	6.9	1.20	.....	8.3
7-31	do	11.0	1.73	.....	19.1
10- 6	do	.6	.65	.....	.4
11-14	do	15.7	1.45	.....	22.8
12-12	do	10.8	1.65	.....	17.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## PRAIRIE DOG CREEK

Secs. 8 and 9, Twp. 1, Rge. 17 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
10- 9	A. E. Johnston	3.8	0.24	.....	8.9
1926					
10-16	A. E. Johnston	3.7	0.46	.....	1.7

PULLEN DRAIN  
Torrington, Wyoming

1926					
3-18	A. W. Hall	.....	.....	.....	†1.0
4- 9	do	3.0	1.63	.....	4.9
7-22	do	1.2	1.02	.....	1.3
8-13	do	2.0	1.25	.....	2.5
10-27	do	1.2	1.33	.....	1.6
1927					
2- 1	A. W. Hall	.....	.....	.....	Ice
3-11	do	1.6	0.75	.....	1.2
5-12	do	1.5	1.06	.....	1.6
5-25	do	1.9	.42	.....	.8
6-16	do	1.4	1.50	.....	2.1
11-23	do	1.7	1.11	.....	1.9
12-11	C. E. Franklin	.4	.50	.....	.3
1928					
1-11	C. E. Franklin	1.6	0.25	.....	0.4
2-11	A. W. Hall	.....	.....	.....	†.5
3-20	do	1.0	.76	.....	.8
4- 7	do	.4	.75	.....	.3
5- 3	do	.7	1.09	.....	.8
5-16	do	.6	1.33	.....	.8
11-17	C. E. Franklin	.....	.....	.....	†.2
11-27	do	.....	.....	.....	†.2
12- 6	do	.....	.....	.....	†.5

## PUMPKINSEED CREEK

Sec. 12, Twp. 19, Rge. 50 W.

At Mouth

1919					
4- 3	Wade Flynn	33.6	1.25	.....	42.0
4-12	T. C. Palmer	50.5	1.60	.....	80.9
4-21	do	30.1	1.92	.....	57.9
4-22	do	30.9	1.78	.....	55.0
4-26	do	30.1	2.18	.....	65.6
5- 3	do	32.4	1.55	.....	50.4
5-12	do	34.3	1.96	.....	65.8
5-17	do	29.6	1.40	.....	41.4
5-26	Earl North	19.0	1.35	.....	25.7
7-28	W. F. Chaloupka	1.9	.82	.....	1.5
8- 4	do	17.5	1.04	.....	18.0

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PUMPKINSEED CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
8-11	T. C. Palmer	15.1	.83	.....	12.6
8-11	W. F. Chaloupka	15.0	.93	.....	14.0
9-15	T. C. Palmer	12.7	.93	.....	11.8
9-29	do	17.6	1.08	.....	18.9
10-16	do	18.4	1.18	.....	21.7
10-21	Earl North	15.7	1.73	.....	27.2
11-17	T. C. Palmer	24.6	1.79	.....	44.1
<b>1920</b>					
4-27	Baumgartner and Palmer	40.7	1.81	.....	74.0
5- 7	do	41.6	1.86	.....	77.5
5-18	G. K. Baumgartner	43.8	1.78	.....	78.1
5-29	T. C. Palmer	30.3	1.80	.....	54.7
8-26	G. K. Baumgartner	9.7	1.46	.....	14.1
8-30	T. C. Palmer	14.3	1.55	.....	22.2
9-14	do	22.4	1.94	.....	43.4
10-20	do	15.6	1.58	.....	24.6
12- 7	do	27.8	2.01	.....	55.8
12-17	do	22.4	1.59	.....	35.6
12-28	do	20.1	1.72	.....	34.5
<b>1921</b>					
1- 4	T. C. Palmer	30.5	1.79	.....	54.5
1-14	do	28.5	1.83	.....	52.0
1-21	do	29.7	1.97	.....	58.4
2- 1	do	31.3	1.82	.....	57.0
2-10	do	35.2	1.99	.....	70.0
2-23	do	33.3	1.66	.....	55.2
3-11	do	33.3	1.67	.....	55.6
3-30	do	31.5	1.61	.....	50.8
5- 3	do	27.5	.94	.....	25.8
5-24	do	22.0	1.19	.....	26.1
6- 1	do	220.4	2.34	.....	516.4
6- 1	do	487.9	2.05	.....	1000.0
6- 9	Palmer and Atkins	31.9	2.33	.....	74.6
8-15	T. C. Palmer	12.2	1.47	.....	18.1
7-13	**J. K. Rohrer	.....	.....	.....	13.0
9- 3	T. C. Palmer	14.9	1.60	.....	23.7
10-13	do	15.5	1.66	.....	25.7
12- 5	do	23.5	1.86	.....	43.8
12-27	do	26.5	2.03	.....	53.9
<b>1922</b>					
1- 7	T. C. Palmer	22.0	2.19	.....	49.0
1-12	do	26.0	1.94	.....	51.0
2-17	do	32.0	1.95	.....	61.0
3- 4	do	32.0	2.04	.....	66.0
4- 8	do	29.0	1.66	.....	48.0

\*\*U. S. R. S. measurements

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PUMPKINSEED CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
4-18	A. E. Johnston	30.0	1.49	.....	45.0
5- 1	do	35.0	1.63	.....	58.0
5-13	do	43.0	1.97	.....	85.0
5-19	T. C. Palmer	34.0	2.06	.....	71.0
5-29	A. E. Johnston	24.0	1.32	.....	32.0
6-12	do	14.0	1.04	.....	14.0
6-20	T. C. Palmer	7.0	1.40	.....	9.0
6-28	A. E. Johnston	9.0	1.18	.....	10.0
7-12	do	15.0	1.79	.....	28.0
7-17	do	10.0	1.31	.....	13.0
7-26	T. C. Palmer	20.0	1.47	.....	30.0
7-31	A. E. Johnston	18.0	1.56	.....	28.0
8-16	do	9.0	1.24	.....	10.0
8-17	A. H. Atkins	8.0	1.48	.....	12.0
9-15	Johnston and Easterday	18.0	1.81	.....	33.0
9-17	A. E. Johnston	16.0	1.61	.....	25.0
10-16	do	.....	.....	.....	19.0
11-28	do	.....	.....	.....	45.0
12- 9	do	.....	.....	.....	29.0
12-21	do	.....	.....	.....	47.0
12-29	do	.....	.....	.....	63.0
<b>1923</b>					
1-16	A. E. Johnston	23.7	2.04	.....	48.4
1-20	do	23.4	2.23	.....	52.3
1-27	do	21.5	2.28	.....	49.1
2- 2	do	21.1	1.99	.....	42.2
2-13	do	24.7	2.17	.....	53.8
2-17	do	20.5	2.05	.....	42.0
3- 5	do	16.1	2.10	.....	34.0
3-12	do	18.3	2.02	.....	37.1
3-30	do	19.7	2.04	.....	40.3
4- 7	do	19.3	2.10	.....	40.5
4-20	do	16.0	2.14	.....	34.4
5- 1	do	23.4	2.01	.....	47.1
5-15	do	19.4	1.88	.....	36.5
5-16	E. F. Ketcham	22.2	2.04	.....	45.3
5-24	do	32.6	2.15	1.10	70.2
6- 1	do	21.1	2.00	.60	42.3
6-12	A. E. Johnston	35.4	2.33	.....	82.8
6-27	do	12.2	1.90	.....	14.6
7- 3	E. F. Ketcham	10.0	1.72	.30	17.2
8- 1	do	13.9	1.89	.....	26.4
8-11	do	12.2	1.66	.....	20.3
8-20	do	32.6	2.00	.....	65.2
9- 1	A. E. Johnston	23.7	2.00	.60	47.6
9-12	do	17.5	1.85	.....	32.5
9-24	do	14.5	2.14	.....	31.1
10-10	do	19.6	2.19	.....	43.0
10-22	do	19.4	2.21	.70	43.0
11-21	do	18.7	2.24	.90	42.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PUMPKINSEED CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
1-18	A. E. Johnston	21.2	1.97	.....	50.4
2- 1	do	21.2	2.30	.....	48.9
2-11	do	27.0	1.90	.....	51.3
3- 6	do	23.9	1.12	.....	53.8
3-24	do	26.3	2.30	.....	60.4
4- 7	do	26.1	2.31	.....	60.4
4-18	do	24.8	2.08	.....	51.8
5- 5	do	23.4	1.82	.....	42.8
7-14	do	22.5	1.23	.....	27.8
7-25	do	15.0	1.92	.....	28.8
8-22	do	10.4	1.35	.....	13.8
9-12	do	19.1	2.10	.....	40.2
10- 4	do	16.7	1.54	.....	25.7
11- 3	do	21.3	1.74	.....	37.1
12-13	do	26.7	2.03	.....	54.2
<b>1925</b>					
1-12	A. E. Johnston	27.0	1.77	.....	47.7
2- 7	do	28.0	2.35	.....	65.8
2- 9	do	25.1	2.10	.....	53.0
4- 6	do	25.6	1.94	.....	49.8
4-18	Johnston and Hall	13.0	1.51	.....	19.7
5-16	A. W. Hall	10.8	1.29	.....	13.9
6-12	do	10.9	1.62	0.10	17.7
6-25	do	18.6	2.53	.60	47.1
7-11	A. E. Johnston	13.0	1.55	.....	20.1
7-14	A. W. Hall	11.5	1.51	.10	17.4
7-28	do	103.6	2.06	2.70	213.0
8-17	do	20.4	2.04	.60	41.6
9-12	A. E. Johnston	12.6	1.72	.....	21.6
10-31	do	18.7	1.93	.....	36.2
11-12	do	20.9	1.97	.....	41.1
11-28	do	12.7	1.77	.....	22.5
12-12	do	15.1	1.84	.....	27.8
<b>1926</b>					
1- 9	A. W. Hall	.....	.....	0.50	.....
1-18	A. E. Johnston	18.0	1.96	.....	35.4
2- 8	do	22.8	2.16	.....	49.4
2-10	A. W. Hall	26.3	1.97	.80	51.8
2-22	A. E. Johnston	28.8	1.57	.....	45.4
3-19	A. W. Hall	32.8	1.76	.90	57.7
4-12	do	24.6	2.00	.75	49.2
5- 7	do	25.4	2.13	.80	54.1
5-17	do	18.9	1.59	.30	30.0
6- 6	do	16.5	2.26	.15	33.9
6-20	do	22.8	2.06	.50	47.1
7- 6	do	24.6	1.94	.60	47.7
7-19	do	14.1	1.99	.30	28.1
8- 9	do	21.7	2.05	.30	44.6
9- 3	do	33.1	2.25	.70	72.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PUMPKINSEED CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1926</b>					
9- 7	A. E. Johnston	39.6	2.04	.90	80.7
9-17	A. W. Hall	21.2	1.78	.50	37.6
10- 9	A. E. Johnston	22.6	1.59	.50	35.9
11-15	A. W. Hall	18.7	1.79	.50	33.5
<b>1927</b>					
1- 4	A. W. Hall	23.2	2.33	0.65	54.1
1-25	do	21.8	2.30	.35	50.3
2-10	do	20.7	2.33	.50	48.3
3- 8	do	27.9	2.24	.60	62.6
4- 4	A. E. Johnston	29.3	2.13	.70	62.5
4-21	do	44.5	2.68	1.00	119.6
5-10	A. W. Hall	23.7	2.04	.40	48.5
5-18	do	25.8	2.04	.30	52.8
6- 7	do	28.2	2.08	.90	58.6
6-18	A. E. Johnston	25.4	2.39	.70	60.7
6-22	A. W. Hall	29.2	2.55	.90	74.5
7-21	do	11.3	2.22	.40	25.0
8- 4	A. E. Johnston	27.1	2.35	.70	63.7
8-10	A. W. Hall	22.0	2.86	1.40	63.0
8-23	do	25.7	2.46	.65	63.1
10-11	A. E. Johnston	20.5	2.18	.40	44.8
10-21	C. E. Franklin	25.4	1.75	.40	44.6
11- 4	A. W. Hall	21.8	2.41	.....	52.7
11-28	do	23.7	2.26	1.35	53.9
12-10	do	24.4	2.09	.....	51.1
<b>1928</b>					
1-19	A. E. Johnston	25.7	2.64	0.60	68.0
2- 8	do	26.7	2.46	1.65	65.8
3- 2	do	29.2	2.44	1.00	71.4
3-22	A. W. Hall	25.9	2.10	.90	54.9
3-31	A. E. Johnston	31.4	1.99	.85	62.6
4- 4	A. W. Hall	24.7	2.53	.85	62.6
4-17	do	30.1	2.96	1.10	89.4
5- 7	do	15.0	2.19	.40	32.9
5-26	do	19.3	2.20	.48	42.4
6- 4	A. E. Johnston	16.9	1.61	.30	27.3
6-20	A. W. Hall	23.1	2.30	.70	53.2
7-11	do	13.2	1.34	.20	17.7
7-23	A. E. Johnston	24.9	2.25	.75	56.1
8- 1	do	29.4	2.20	.95	64.7
8-13	do	19.5	1.94	.50	37.9
9- 7	do	15.3	1.92	.35	29.3
9-12	A. W. Hall	17.8	1.79	.40	31.9
10-18	do	26.5	1.52	.60	40.2
11- 8	A. E. Johnston	24.5	2.20	.85	53.9
11-12	C. E. Franklin	27.4	1.73	.....	47.5
11-24	do	19.6	2.18	.32	42.8
12- 1	A. E. Johnston	25.4	2.17	.80	55.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PUMPKINSEED CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. -Ft.
<b>1928</b>					
12-13	C. E. Franklin	25.2	2.16	.....	54.5
12-19	A. E. Johnston	28.8	1.88	.60	54.2
12-24	C. E. Franklin	23.1	2.33	.....	53.9
<b>PUMPKINSEED CREEK</b> Sec. 28, Twp. 19, Rge. 60 W.					
<b>1925</b>					
2- 7	A. E. Johnston	24.2	1.90	.....	45.9
4-18	Johnston and Hall	6.5	1.34	.....	8.7
5-16	A. W. Hall	11.8	.91	.....	10.7
6-12	do	8.6	.87	.....	7.5
6-25	do	13.3	1.49	.....	19.8
7-20	do	13.0	.76	.....	9.9
7-28	do	21.0	1.96	.....	41.1
7-17	do	10.8	.57	.....	6.1
8-27	do	8.3	.61	.....	5.1
<b>1926</b>					
2-22	A. E. Johnston	26.6	1.93	.....	51.4
3-19	A. W. Hall	17.9	2.18	.....	38.9
4-12	do	15.0	2.20	.....	32.9
5- 7	do	11.7	2.00	.....	23.4
5-17	do	9.1	1.40	.....	12.7
5-25	do	8.8	1.27	.....	11.2
7- 6	do	13.6	2.02	.....	27.6
7-19	do	5.2	1.51	.....	7.8
8- 9	do	9.5	1.76	.....	16.7
9-17	do	9.4	1.15	.....	10.8
<b>1927</b>					
1-25	A. W. Hall	15.1	1.97	.....	29.8
2-10	do	17.0	2.04	.....	34.6
5-18	do	11.2	1.39	.....	15.6
6- 7	do	18.4	2.16	.....	39.8
7-21	do	5.9	1.38	1.38	8.2
8-10	do	12.6	2.16	.....	27.4
8-23	do	18.4	2.27	.....	41.8
11- 4	do	16.3	1.80	.....	29.4
11-29	do	14.6	1.89	.....	27.6
12-10	do	12.3	2.16	.....	26.6
<b>1928</b>					
2- 8	A. W. Hall	19.8	1.96	1.00	38.8
3-22	do	21.4	2.32	1.00	49.6
4- 4	do	23.9	2.20	.90	52.9
4-17	do	21.1	2.44	1.00	51.6
5- 7	do	7.6	1.30	.35	9.9
5-26	do	7.8	1.65	.35	12.9
6-20	do	17.8	2.08	.75	37.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## PUMPKINSEED CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
7-11	A. W. Hall	4.9	1.50	.02	7.4
8- 1	do	16.6	1.88	.50	31.2
9-12	do	10.7	1.28	.37	13.7
10-18	do	9.4	1.67	.70	15.7

## PUMPKINSEED CREEK

Sec. 4, Twp. 19, Rge. 55 W.

1924					
10- 9	A. E. Johnston	7.2	0.93	.....	6.8
11-21	do	7.5	1.03	.....	7.7
1925					
1- 9	A. E. Johnston	12.0	0.80	.....	9.6
2- 5	do	8.6	1.37	.....	11.8
3- 5	do	2.4	.89	.....	2.1
4-28	C. E. Franklin	8.8	.75	.....	6.7
5- 6	A. W. Hall	3.3	.66	.....	2.2
6- 2	C. E. Franklin	2.7	.70	.....	1.9
7- 6	do	2.9	.69	.....	2.0
8- 3	do	1.8	.36	.....	.6
8-14	do	6.7	.65	.....	4.4
8-29	do	5.7	.42	.....	2.4
9-12	do	2.8	.25	.....	.7
1926					
2-26	A. E. Johnston	15.8	0.80	.....	12.7
3-12	C. E. Franklin	6.5	1.69	.....	11.0
3-26	do	7.9	1.63	.....	12.9
4-10	do	7.8	.75	.....	5.9
4-23	do	10.8	1.17	.....	12.7
5-10	do	10.0	.46	.....	4.6
5-23	do	9.5	.32	.....	3.0
6- 5	do	13.0	.14	.....	1.9
7-29	do	15.0	.17	.....	2.5
8-15	do	5.0	.30	.....	1.5
8-29	do	2.4	.18	.....	.4
1927					
4- 6	C. E. Franklin	5.6	2.09	.....	11.7
4-26	do	6.6	2.39	.....	15.8
5-11	do	14.4	4.77	.....	68.8
5-24	do	4.0	1.57	.....	6.3
7- 1	do	4.2	2.66	.....	11.2
7-16	do	4.3	1.39	.....	6.0
8- 2	do	6.6	1.54	.....	10.2
8-16	do	5.1	1.24	.....	6.3
8-31	do	4.8	1.23	.....	5.9
9-24	do	4.8	1.50	.....	7.2
10-24	do	6.1	1.21	.....	7.4
11-23	do	6.4	2.52	.....	16.4
12-29	do	5.1	1.72	.....	8.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PUMPKINSEED CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-16	C. E. Franklin	4.5	2.26	.....	10.2
2- 3	do	4.5	2.38	.....	10.7
2-20	do	4.9	1.90	.....	9.3
3-14	do	4.5	1.98	.....	8.9
6- 5	do	3.2	1.10	.....	3.5
6-28	do	6.8	.98	.....	6.7
7-19	do	2.0	1.03	.....	1.9
8- 3	do	6.0	.87	.....	5.2
8-21	do	5.0	1.00	.....	5.0
9-15	do	4.7	1.36	.....	6.4
9-25	do	4.2	.90	.....	3.8
10-15	do	3.4	.73	.....	2.5
11-19	do	7.8	.80	.....	6.2
12-17	do	10.0	.83	.....	8.3

PUMPKINSEED CREEK  
Secs. 27 and 28, Twp. 19, Rge. 50 W.

<b>1923</b>					
1-16	A. E. Johnston	21.3	1.76	.....	37.7
1-20	do	23.4	1.85	.....	43.4
1-27	do	22.8	1.86	.....	42.5
2-13	do	19.3	1.71	.....	33.0
2-17	do	14.4	2.02	.....	29.1
3- 5	do	16.3	1.94	.....	31.7
3-12	do	17.9	1.98	.....	35.6
4-20	do	18.3	1.78	.....	32.8

PUMPKINSEED CREEK  
Sec. 2, Twp. 19, Rge. 56 W.

<b>1922</b>					
4-14	T. C. Palmer	8.0	1.47	.....	11.0

PUMPKINSEED CREEK  
Sec. 2, Twp. 19, Rge. 55 W.

<b>1922</b>					
4-13	T. C. Palmer	11.0	1.35	.....	15.0
<b>1923</b>					
9-26	A. E. Johnston	3.0	0.87	.....	2.6
<b>1925</b>					
4-27	C. E. Franklin	1.1	1.35	.....	0.8
5- 6	A. W. Hall	6.3	.38	.....	2.4
6- 2	C. E. Franklin	.9	.55	.....	.5
7- 6	do	3.1	1.32	.....	2.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PUMPKINSEED CREEK  
Sec. 7, Twp. 19, Rge. 55 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1922 4-14	T. C. Palmer	13.0	1.30	.....	17.0
1923 7-14	A. H. Atkins	1.9	0.81	.....	1.5
1925 5- 6	A. W. Hall	.....	.....	.....	0.3

PUMPKINSEED CREEK  
Sec. 14, Twp. 19, Rge. 54 W.

1922 4-28	C. E. Franklin	4.0	1.69	.....	6.7
1923 8-20	A. H. Atkins	9.3	1.23	.....	11.5
1925 4-27	C. E. Franklin	4.5	0.91	.....	4.1

PUMPKINSEED CREEK  
Sec. 23, Twp. 19, Rge. 52 W.

1922 4-13	T. C. Palmer	19.0	1.27	.....	24.0
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PUMPKINSEED CREEK  
Sec. 23, Twp. 19, Rge. 53 W.

1923 8-20	A. H. Atkins	9.3	1.23	.....	11.5
1925 4-27	C. E. Franklin	4.5	0.91	.....	4.1

PUMPKINSEED CREEK  
Sec. 30, Twp. 19, Rge. 52 W.

1923 8-20	A. H. Atkins	7.8	1.32	.....	10.3
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PUMPKINSEED CREEK  
Sec. 33, Twp. 19, Rge. 52 W.

1922 4-13	T. C. Palmer	19.0	1.43	.....	27.0
1926 9-17	A. W. Hall	4.3	0.77	.....	3.3
1927 6- 7	A. W. Hall	17.0	2.18	.....	37.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

PUMPKINSEED CREEK  
Sec. 28, Twp. 19, Rge. 51 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1922					
4- 8	T. C. Palmer	30.0	1.70	.....	51.0
4-13	do	24.0	1.65	.....	39.0
7- 1	do	5.0	1.46	.....	7.0
7-27	A. H. Atkins	8.0	1.65	.....	13.0
8-10	do	10.0	1.56	.....	15.0

PUMPKINSEED CREEK  
Sec. 30, Twp. 19, Rge. 50 W.

1925					
5-16	A. W. Hall	3.2	0.75	.....	2.4
6-12	do	2.9	1.28	.....	3.7

RAWHIDE CREEK  
East of Lingle, Wyoming

1923					
2-15	A. E. Johnston	9.6	2.40	.....	23.1
3- 8	do	9.1	2.57	.....	23.4
4- 4	do	8.2	2.11	.....	17.3
4-26	do	11.6	2.34	.....	27.2
5- 9	Ketcham and Johnston	13.4	2.06	.....	27.7
5-29	E. F. Ketcham	4.7	1.77	.....	8.4
6-16	do	19.6	1.80	.....	35.3
7- 9	A. E. Johnston	4.7	1.11	0.15	5.3
7-28	do	17.1	2.17	1.20	37.2
8-14	E. F. Ketcham	23.8	1.94	1.20	46.3
8-25	A. E. Johnston	17.1	1.75	.....	30.0
9-28	do	23.1	2.25	1.40	52.1
10-24	do	11.3	2.02	.80	22.9
11-15	do	17.5	1.86	.80	32.7
1924					
1-15	A. E. Johnston	11.6	1.78	.....	20.7
1-29	do	13.6	1.49	.....	20.2
2-14	do	16.4	1.54	0.80	25.4
3-19	do	12.4	1.63	.65	20.4
4-10	do	17.9	2.30	1.00	41.2
5- 7	do	14.3	1.55	.....	22.9
6- 7	do	17.7	2.01	.....	35.7
9-16	Atkins and Johnston	9.2	1.86	.....	17.1
10-14	A. E. Johnston	12.2	1.52	.....	18.6
10-29	do	8.9	1.77	2.75	15.7
11-20	do	9.8	1.86	2.90	18.2
12-16	do	6.5	3.97	2.80	26.0
1925					
1- 8	A. E. Johnston	13.6	1.20	.....	16.4
2- 4	do	11.8	1.67	.....	19.7
3- 3	do	14.8	1.83	4.60	27.1
4- 1	do	12.4	1.91	3.85	23.7
4-22	Johnston and Franklin	8.2	1.51	2.85	12.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

RAWHIDE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-21	A. W. Hall	3.2	3.05	2.80	9.9
6- 5	do	8.0	2.27	3.40	18.2
6-20	do	8.8	2.33	.90	20.5
7- 2	do	7.1	1.56	.50	11.1
8- 1	do	18.0	2.84	3.30	51.2
9- 4	do	14.7	1.60	2.70	23.5
10-22	A. E. Johnston	10.4	1.85	2.55	19.3
12- 3	do	12.6	1.59	2.55	20.0
<b>1926</b>					
10- 6	A. E. Johnston	16.9	1.32	3.25	22.3
<b>1927</b>					
6- 3	A. W. Hall	18.1	2.00	.....	36.1
<b>1928</b>					
6- 1	**Coyne Drummond	16.9	1.41	3.00	27.2

RED WILLOW CREEK  
Sec. 6, Twp. 20, Rge. 51 W.

<b>1919</b>					
4- 3	T. C. Palmer	15.5	2.12	3.40	32.8
4-22	do	16.2	1.91	3.55	30.9
4-28	do	15.5	1.82	3.40	28.2
5- 6	do	18.2	1.80	3.40	32.8
5-12	do	18.9	1.98	3.34	37.3
5-16	W. F. Chaloupka	37.5	3.99	4.40	149.7
5-20	T. C. Palmer	25.4	3.03	3.90	77.0
5-22	W. F. Chaloupka	44.3	3.57	4.50	157.8
5-23	T. C. Palmer	38.3	3.38	4.30	129.7
6- 3	do	53.1	3.77	4.60	200.4
6-10	do	33.5	3.35	4.10	112.4
6-26	do	23.8	2.31	3.80	54.9
6-30	do	21.5	2.29	3.70	49.0
7-10	do	39.7	2.95	4.30	117.2
7-19	do	33.3	2.60	4.15	86.6
7-28	do	28.8	2.71	4.00	78.2
8-13	do	28.9	2.50	3.90	72.2
9- 4	do	30.2	2.41	4.00	72.8
9- 8	do	38.8	2.78	4.20	108.1
9-30	do	20.2	2.74	3.90	55.3
10- 3	do	21.0	2.75	3.85	57.8
10- 7	do	19.0	2.75	3.80	52.4
10-17	do	19.4	2.82	3.80	54.7
10-29	do	19.7	2.89	3.80	57.0
11- 5	do	19.2	2.32	3.82	44.4

\*\*Wyoming measurement.



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## RED WILLOW CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
1- 2	T. C. Palmer	22.5	2.02	3.25	45.5
1-14	do	22.7	2.20	3.15	50.0
2-10	Kelly and Palmer	21.2	1.95	3.25	41.3
3- 3	T. C. Palmer	23.6	1.80	3.20	42.6
3-24	do	20.9	1.97	3.45	41.3
3-31	do	23.2	1.70	3.50	39.6
4- 9	Palmer and Baumgartner	18.6	2.17	4.00	40.4
4-29	do	17.3	2.98	4.10	51.6
5-20	T. C. Palmer	14.0	2.23	3.95	31.3
5-28	do	39.0	3.10	4.65	121.0
6- 8	do	24.4	3.83	.....	93.7
6-17	do	17.4	3.48	4.30	60.8
6-28	do	71.1	1.62	4.80	115.5
7-13	do	30.5	5.37	5.00	164.0
7-26	do	34.4	3.67	4.75	126.4
8-16	do	3.9	1.20	2.35	4.6
8-25	do	5.4	2.50	2.70	13.5
9- 8	do	25.2	4.34	3.75	109.3
10- 1	do	50.6	4.51	4.55	228.1
10-23	do	20.7	3.34	3.30	69.2
11- 8	do	25.9	2.62	3.30	67.8
11-24	do	20.6	2.65	3.25	54.5
12- 8	do	21.2	2.88	3.30	60.9
12-17	do	18.0	2.35	3.25	42.3
12-28	do	21.9	2.41	3.20	52.7
<b>1921</b>					
1-11	T. C. Palmer	19.1	2.21	3.15	42.0
2- 1	do	18.2	2.48	3.15	45.2
2-11	do	18.4	2.57	3.15	47.1
2-24	do	19.5	2.34	3.15	45.6
3- 7	do	18.9	2.17	3.10	41.1
3-22	do	17.3	3.12	3.10	38.3
4-11	do	18.7	2.17	3.05	40.5
4-28	do	22.1	2.46	3.25	54.2
5-10	do	29.7	3.06	3.55	90.9
6- 6	Palmer and Atkins	28.5	3.75	2.75	107.0
6-20	T. C. Palmer	63.5	4.84	3.90	307.1
7- 5	do	9.8	1.54	2.00	15.1
8- 8	do	24.4	2.92	3.15	71.1
8-22	do	16.3	3.22	2.65	56.3
8-29	do	40.8	5.53	3.55	225.7
9-26	do	47.2	3.70	3.55	174.2
10- 8	do	22.9	2.30	3.00	52.6
10-28	do	19.3	2.91	.....	56.2
11- 7	do	20.0	2.57	.....	51.2
11-29	do	21.7	2.51	.....	54.4
12-17	do	25.5	2.34	.....	59.7
12-27	do	22.3	2.03	.....	45.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

RED WILLOW CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1- 9	T. C. Palmer	24.0	2.22	.....	53.0
2- 6	do	19.0	2.18	.....	42.0
3- 8	do	18.0	2.66	.....	49.0
3-23	do	16.0	2.43	.....	39.0
4- 7	do	15.0	2.51	.....	38.0
5- 6	do	15.0	2.30	.....	35.0
5-22	do	40.0	3.39	.....	137.0
6- 5	do	48.0	2.78	.....	134.0
6-12	do	20.0	1.74	.....	36.0
7-25	do	32.0	3.03	.....	98.0
9- 1	do	21.0	2.09	.....	44.0
9-14	Palmer and Easterday	29.0	2.51	.....	73.0
11-15	A. E. Johnston	.....	.....	.....	83.0
12- 9	do	.....	.....	.....	61.0
12-14	do	.....	.....	.....	59.0
12-26	do	.....	.....	.....	67.0
<b>1923</b>					
1-22	A. E. Johnston	21.0	2.25	.....	47.4
2- 3	do	19.3	2.21	.....	42.7
2-14	do	15.7	2.28	.....	35.8
3- 6	do	15.8	1.84	.....	29.2
3-19	do	15.9	2.16	.....	34.5
4- 2	do	15.2	2.00	.....	30.4
4-24	do	16.7	2.19	.....	36.7
5-12	Ketcham and Johnston	13.7	2.10	.....	28.8
6-20	E. F. Ketcham	39.8	3.63	.....	144.7
7-12	A. E. Johnston	17.1	2.56	.....	43.9
7-25	do	58.4	3.87	.....	226.3
8-17	E. F. Ketcham	24.0	2.68	.....	64.5
8-29	A. E. Johnston	34.6	2.91	.....	101.0
10-23	do	22.2	2.87	.....	63.8
11- 7	A. H. Atkins	20.8	2.67	.....	55.7
11-14	A. E. Johnston	25.5	2.51	.....	64.0
11-19	A. H. Atkins	24.3	2.31	.....	56.2
11-21	do	24.3	2.31	.....	56.3
12- 3	do	22.1	2.14	.....	47.3
12- 5	do	21.9	2.10	.....	46.0
12-11	Johnston and Hall	16.2	1.96	.....	31.9
<b>1924</b>					
1-14	A. E. Johnston	1.9	1.83	.....	35.2
1-28	do	19.6	2.03	.....	39.8
1-31	do	23.7	1.99	.....	47.2
2-13	do	21.1	2.02	.....	42.7
3-18	do	19.3	1.86	.....	36.0
4- 9	do	16.5	1.94	.....	32.0
5- 6	do	13.1	2.31	.....	30.4
6- 6	do	36.6	3.02	.....	110.6
7- 1	do	7.8	1.31	.....	10.3
7-10	do	6.7	1.01	.....	6.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

RED WILLOW CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
7-24	C. G. Hrubesky	10.7	1.07	.....	11.5
8-28	A. E. Johnston	13.7	2.00	.....	27.4
9- 3	C. G. Hrubesky	22.2	1.71	.....	37.8
9-20	A. E. Johnston	28.0	4.43	.....	124.0
10-16	do	27.0	2.54	.....	68.8
10-31	do	23.4	3.08	.....	72.2
11-18	do	27.5	2.71	.....	74.9
12-13	do	23.3	2.60	.....	60.8
<b>1925</b>					
1- 6	A. E. Johnston	20.4	2.35	.....	48.0
2- 2	do	20.6	2.42	.....	49.9
3- 2	do	19.6	2.23	.....	43.7
3-31	do	21.5	2.34	.....	50.3
4-24	Johnston and Franklin	12.9	2.16	.....	27.9
5-18	A. W. Hall	67.0	2.46	.....	165.0
6- 3	do	5.6	1.50	.....	8.4
6-17	do	30.7	2.50	.....	76.8
6-29	do	16.3	2.02	.....	33.0
7-22	do	21.8	1.85	.....	40.5
7-29	do	31.2	2.48	.....	77.5
8-31	do	26.2	1.68	1.50	44.1
9-28	A. E. Johnston	53.0	3.76	.....	200.0
10-19	do	25.4	3.14	1.80	79.9
12- 1	do	27.6	2.37	.90	65.5
<b>1926</b>					
1-25	A. E. Johnston	23.8	2.27	1.50	54.2
2-23	do	22.5	2.30	1.50	50.6
3-16	A. W. Hall	21.8	1.66	1.45	36.2
4-10	do	18.1	1.88	1.42	34.1
5- 3	do	14.6	2.00	1.30	29.1
5-17	do	48.7	2.82	2.55	137.1
6- 6	do	50.0	3.12	2.85	156.1
6-19	do	21.3	2.32	1.90	49.4
7- 5	do	21.8	2.66	1.30	58.0
7-19	do	28.6	2.89	2.60	82.7
8-14	do	20.0	2.34	1.00	46.8
8-23	do	30.5	2.38	1.20	72.9
9-13	do	44.6	4.05	1.70	180.8
10- 4	A. E. Johnston	43.0	2.88	1.40	124.1
10-15	A. W. Hall	26.0	2.24	1.20	58.3
11- 4	do	24.1	2.46	1.25	54.1
11-15	do	26.4	2.20	1.20	58.0
<b>1927</b>					
1- 4	A. W. Hall	22.4	2.27	1.00	51.1
1-25	do	20.9	1.88	.....	39.2
2-11	do	20.0	2.18	.90	43.7
3- 9	do	20.4	1.93	.85	39.4

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

RED WILLOW CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-28	A. E. Johnston	19.9	1.90	.....	37.8
4-27	do	28.2	1.80	1.00	50.7
5-11	A. W. Hall	18.4	2.10	1.90	38.7
5-23	do	68.3	3.19	3.32	218.0
6- 8	do	30.9	2.48	2.40	76.7
7- 9	do	20.5	2.05	.....	42.1
7-26	do	15.6	1.94	.....	30.2
8-10	do	65.9	.....	.....	254.2
10-21	C. E. Franklin	23.9	3.26	.....	78.2
11- 5	A. W. Hall	27.4	2.32	.....	63.6
11-21	do	27.7	1.93	.....	53.3
12- 5	do	25.3	2.10	.....	53.4
<b>1928</b>					
1-13	C. E. Franklin	21.0	2.02	.....	42.6
2- 9	A. W. Hall	20.4	1.76	.....	36.0
3-16	do	20.0	1.78	.....	35.7
4- 4	do	18.5	1.87	.....	34.7
4-17	do	18.1	1.70	.....	30.7
5- 1	do	52.2	3.30	.....	172.6
5-19	do	59.6	3.42	9.15	203.7
6- 5	do	61.4	2.95	.....	181.0
6-29	do	65.8	3.15	.....	207.6
7-18	do	24.2	2.77	.....	66.9
8- 6	do	60.9	3.56	.....	217.5
8-24	do	12.1	.91	.....	11.0
9-11	do	10.5	2.32	.....	23.8
10-17	do	26.6	1.93	.....	51.4
11-13	C. E. Franklin	34.3	2.00	.....	68.8
11-24	do	29.3	2.31	.....	68.8
12- 8	do	24.5	1.79	.....	43.9
12-26	do	14.7	2.64	.....	38.9

RED WILLOW CREEK  
Sec. 17, Twp. 3, Rge. 29 W.

<b>1923</b>					
1- 6	A. E. Johnston	24.7	0.88	.....	21.9
2- 8	do	10.4	.82	.....	8.5
2-26	do	23.0	1.30	.....	27.7
3-23	do	25.8	1.56	.....	40.1
4-14	do	13.7	1.49	.....	20.5
6- 4	do	85.9	1.80	.....	155.0
6-20	do	81.5	1.23	.....	100.7
8- 6	do	299.0	2.43	.....	728.9
9-17	do	27.7	.34	.....	9.6
10-15	do	48.8	.72	.....	36.5
11-30	do	30.5	.84	.....	25.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

RED WILLOW CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
2-28	A. E. Johnston	39.7	0.83	.....	33.2
4- 2	do	42.6	.97	.....	41.6
4-26	do	23.7	.79	.....	18.8
5-28	do	25.6	.74	.....	19.1
6-24	do	17.9	.65	.....	11.7
8- 8	do	10.2	.97	.....	9.9
9- 8	do	6.0	.95	.....	5.7
<b>1925</b>					
3-19	A. E. Johnston	28.2	1.48	.....	41.7
4-14	do	20.1	1.65	.....	33.2
5-21	C. E. Franklin	28.7	1.15	.....	33.1
6-12	do	25.3	1.36	.....	34.5
7-18	do	7.7	1.32	.....	10.2
8- 9	do	13.1	1.10	.....	14.4
8-21	do	117.0	2.18	.....	254.2
9-21	do	10.8	.73	.....	7.9
10-10	A. E. Johnston	21.4	.72	.....	15.5
<b>1926</b>					
2-16	A. E. Johnston	31.9	1.15	.....	36.9
3- 4	C. E. Franklin	25.8	.97	.....	27.2
3-20	do	20.6	.94	.....	19.4
4- 4	do	25.2	1.03	.....	25.9
4-18	do	24.4	.85	.....	20.7
5- 4	do	17.9	.95	.....	17.0
5-15	do	21.0	.98	.....	20.6
5-29	do	16.9	.85	.....	14.4
6-17	do	77.4	1.88	.....	145.2
6-29	do	16.1	.85	.....	13.8
7-19	do	18.0	.69	.....	12.4
8-11	do	87.0	1.62	.....	109.5
8-21	do	20.0	1.03	.....	20.6
10-15	A. E. Johnston	19.6	.64	.....	12.6
11- 6	do	22.1	.53	.....	11.8
<b>1927</b>					
4-16	Franklin and Whitehead	114.1	2.10	.....	239.8
4-28	C. E. Franklin	36.3	1.35	.....	49.3
5- 1	C. E. Franklin	33.8	1.30	.....	43.8
5-16	do	25.3	.92	.....	23.4
5-29	do	23.1	1.09	.....	25.3
6-21	Franklin and Whitehead	42.9	1.21	.....	52.1
7-12	C. E. Franklin	14.0	.85	.....	16.5
7-26	do	11.4	.62	.....	7.1
8- 8	do	17.8	.71	.....	12.6
8-24	do	10.9	.57	.....	6.2
9- 5	do	6.9	.91	.....	6.3
10- 5	do	15.0	.74	.....	11.1
11- 5	do	20.7	1.05	.....	22.0
12- 3	do	30.4	1.11	.....	33.9
12-22	do	8.8	.90	.....	7.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## RED WILLOW CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
1-24	C. E. Franklin	12.4	1.21	.....	15.0
2-11	do	37.5	1.10	.....	39.0
3- 7	do	24.0	1.40	.....	33.5
3-23	do	29.4	1.23	.....	36.3
4-12	do	19.0	1.28	.....	24.4
5-21	do	37.2	1.69	.....	62.9
6-23	do	104.5	1.82	.....	191.2
7-15	do	60.5	1.45	.....	87.8
7-28	do	67.5	1.03	.....	69.4
8-16	do	37.0	.46	.....	17.9
9-10	do	35.0	.51	.....	17.6
10- 2	do	25.5	.42	.....	10.7
10-21	do	32.0	.85	.....	27.1
11-22	do	36.0	.65	.....	23.4
12-20	do	16.2	1.50	.....	24.4

## RED BIRD CREEK

Sec. 11, Twp. 32, Rge. 10 W.

<b>1926</b>					
3- 5	A. E. Johnston	22.3	1.72	.....	38.5
3-27	do	11.9	2.15	.....	25.6
4-17	do	16.2	1.87	.....	30.4
5-10	do	12.7	2.10	.....	26.7
6- 2	do	12.2	1.45	.....	17.7
7-12	do	9.8	1.17	.....	11.5
9-17	do	11.2	1.17	.....	13.1
<b>1927</b>					
6- 1	A. E. Johnston	24.6	1.96	.....	48.3
9- 6	do	15.5	1.85	.....	28.6
9-24	do	18.4	1.86	.....	34.4
11- 9	do	20.0	1.55	.....	31.1
<b>1928</b>					
2-13	A. E. Johnston	35.6	1.85	.....	66.6
4- 7	do	22.2	1.72	.....	38.0
5- 9	do	27.4	1.41	.....	38.7
7-10	do	10.2	1.47	.....	15.0
10- 4	do	13.8	1.36	.....	18.8
12-25	do	19.9	1.18	.....	23.6

## REPUBLICAN RIVER

Sec. 9, Twp. 1, Rge. 42 W.

Colorado-Nebraska Line

<b>1914</b>					
10-21	D. P. Weeks, Jr.	32.1	1.73	1.40	55.5
10-24	do	29.5	1.72	1.37	50.8
<b>1915</b>					
5-11	D. P. Weeks, Jr.	27.4	1.91	2.12	52.5
6-15	do	31.6	1.92	2.18	60.6
7-10	do	17.2	1.41	1.85	24.3
8-11	do	34.0	2.01	2.20	68.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
1-14	A. E. Johnston	20.1	2.58	.....	51.8
6-10	Franklin and Whitehead	19.2	1.88	.....	36.2
7-20	C. E. Franklin	11.6	1.07	.....	12.4
8-10	do	18.4	1.36	.....	25.0
8-24	do	16.1	1.36	.....	22.0
9- 7	do	14.2	1.40	.....	19.9
9-25	do	25.5	1.37	.....	35.1
<b>1926</b>					
3- 6	C. E. Franklin	32.8	2.21	.....	72.9
3-22	do	31.6	2.05	.....	65.0
4- 5	do	31.7	2.08	.....	66.2
4-20	do	26.2	2.03	.....	53.2
5- 5	do	6.8	1.35	.....	9.2
5-18	do	20.8	1.92	.....	40.1
5-27	do	11.2	1.26	.....	14.2
6-16	do	15.5	1.18	.....	18.4
6-28	do	7.8	1.17	.....	9.2
7-15	do	20.5	1.55	.....	31.7
8- 9	do	7.9	1.28	.....	10.1
8-20	do	33.3	1.91	.....	63.7
<b>1927</b>					
4- 1	C. E. Franklin	37.9	2.02	.....	76.8
4-21	Franklin and Whitehead	37.0	2.25	.....	83.2
5- 4	C. E. Franklin	34.8	1.78	.....	62.2
5-18	Franklin and Whitehead	25.5	1.27	.....	32.4
5-30	C. E. Franklin	11.0	1.23	.....	13.6
6-29	do	10.4	1.28	.....	13.3
7-14	do	10.8	1.61	.....	17.4
7-27	do	8.2	1.43	.....	11.7
8-26	do	15.4	1.35	.....	20.8
9- 8	do	13.5	1.70	.....	22.9
10- 6	do	30.5	1.95	.....	59.5
11-10	do	30.3	2.60	.....	79.0
12- 6	do	35.6	2.27	.....	80.9
12-24	do	30.5	1.53	.....	46.7
<b>1928</b>					
1-25	Franklin and Whitehead	34.9	2.16	.....	75.5
2-15	C. E. Franklin	26.7	1.96	.....	52.5
3- 9	do	34.5	2.04	.....	70.2
3-24	do	27.4	2.14	.....	58.8
4-13	do	24.0	1.96	.....	47.1
5-24	do	23.5	1.97	.....	46.4
6-19	do	40.3	1.87	.....	75.5
7-10	do	6.8	1.31	.....	8.9
7-31	do	37.0	1.64	.....	60.9
8-18	do	6.4	1.08	.....	6.9
9-12	do	18.4	2.03	.....	37.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1928</b>					
9-21	C. E. Franklin	18.5	1.98	.....	36.3
10- 4	do	19.4	1.72	.....	33.5
10-23	do	28.2	2.26	.....	64.1
11- 3	do	31.2	2.38	.....	74.6
11-23	do	30.6	2.43	.....	74.5
12-22	do	31.4	2.17	.....	68.3

REPUBLICAN RIVER  
Sec. 13, Twp. 1, Rge. 42 W.  
Near Sanborn

<b>1919</b>					
7-15	Palmer and Bailey	11.9	0.96	.....	11.3
<b>1920</b>					
10-24	Bailey and Palmer	66.0	1.25	.....	82.4
<b>1921</b>					
5-18	Palmer and Bailey	24.9	1.63	.....	40.7
8-26	do	19.1	1.17	.....	22.4
<b>1922</b>					
2-23	T. C. Palmer	24.9	2.28	.....	56.9
7- 9	do	17.9	.97	.....	17.5
8- 3	Palmer and Strong	23.5	1.43	.....	33.8
8-24	Johnston and Strong	13.1	1.25	.....	16.4
<b>1923</b>					
4-17	A. E. Johnston	21.8	1.95	.....	42.4
6- 6	do	33.6	2.16	.....	72.7
6-22	do	35.4	1.95	.....	69.1
7-18	do	33.4	1.83	.....	61.4
8- 4	do	14.3	1.11	.....	15.9
9-19	do	18.3	1.10	.....	32.1
10-12	do	28.9	1.99	.....	56.4
12- 4	do	33.6	2.04	.....	68.6
<b>1924</b>					
2-27	A. E. Johnston	33.2	2.28	.....	75.8
4-29	do	31.0	1.92	.....	59.7
5-31	do	28.1	2.78	.....	51.1
6-26	do	10.0	1.08	.....	10.8
8- 7	do	16.4	1.36	.....	22.4
9- 5	do	10.8	1.40	.....	15.4
<b>1925</b>					
1-14	A. E. Johnston	9.4	1.25	.....	11.7
2-18	do	41.2	2.12	.....	87.5
3-20	do	43.2	2.04	.....	88.2
4-15	do	39.8	1.85	.....	73.5
6-10	Franklin and Whitehead	25.0	1.79	.....	45.8



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
7-20	C. E. Franklin	13.0	1.25	.....	16.3
8-10	do	16.0	1.31	.....	21.0
8-24	do	17.8	1.27	.....	22.6
9- 7	do	19.9	1.51	.....	30.2
9-25	do	27.9	1.61	.....	44.9
10-13	A. E. Johnston	37.0	1.86	.....	68.9
11-19	do	39.9	2.14	.....	85.1
<b>1926</b>					
3- 6	C. E. Franklin	39.9	2.15	.....	85.9
3-22	do	40.3	1.80	.....	72.6
4- 5	do	36.6	2.63	.....	72.0
4-20	do	32.4	1.73	.....	56.1
5- 5	do	6.8	.97	.....	6.6
5-18	do	25.8	1.79	.....	46.2
5-27	do	13.5	1.19	.....	16.1
6-16	do	17.3	1.12	.....	19.4
6-28	do	13.0	1.21	.....	15.7
7-15	do	31.0	1.71	.....	53.1
8- 9	do	9.2	.85	.....	7.8
8-20	do	38.1	1.62	.....	61.9
10-14	A. E. Johnston	28.5	1.83	.....	52.3
11- 5	do	31.2	2.18	.....	68.2
<b>1927</b>					
4- 1	C. E. Franklin	44.8	2.07	.....	93.0
4-21	Franklin and Whitehead	42.0	2.21	.....	92.9
5- 4	C. E. Franklin	37.7	1.50	.....	56.8
5-18	Franklin and Whitehead	30.0	1.90	.....	56.8
5-30	C. E. Franklin	11.7	1.15	.....	13.3
6-29	do	14.0	.99	.....	13.8
7-14	do	9.9	1.15	.....	11.4
7-27	do	11.8	1.41	.....	16.7
8-26	do	17.0	1.78	.....	30.3
9- 8	do	15.0	1.60	.....	23.9
10- 6	do	26.6	2.32	.....	61.7
11-10	do	23.9	2.20	.....	52.6
12- 6	do	36.5	2.25	.....	82.4
12-24	do	36.5	1.38	.....	50.6
<b>1928</b>					
1-25	Franklin and Whitehead	26.5	2.09	.....	55.3
2-15	C. E. Franklin	26.3	2.16	.....	56.9
3- 9	do	31.9	1.84	.....	58.9
3-24	do	30.7	1.90	.....	58.3
4-13	do	24.3	2.08	.....	50.7
5-24	do	29.2	2.36	.....	69.0
6-19	do	38.5	2.04	.....	78.7
7-10	do	9.8	1.31	.....	12.9
7-31	do	27.8	1.74	.....	48.5
8-18	do	8.4	1.56	.....	13.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
9-12	C. E. Franklin	17.6	1.70	.....	29.9
9-21	do	16.7	1.47	.....	24.5
10- 4	do	21.2	1.94	.....	41.2
10-23	do	26.7	1.86	.....	49.8
11- 3	do	40.0	1.90	.....	76.1
11-23	do	34.5	1.90	.....	65.5
12-22	do	30.0	1.98	.....	59.6

REPUBLICAN RIVER, NORTH FORK  
Sec. 19, Twp. 1, Rge. 37 W.  
Near Benkleman

<b>1921</b>					
5-19	Palmer and Bailey	61.0	1.69	.....	103.0
8-26	do	29.0	1.01	.....	29.0
<b>1922</b>					
2-22	T. C. Palmer	76.0	2.37	.....	180.0
6-26	do	13.0	1.18	.....	15.0
7- 9	do	19.0	1.27	.....	24.0
8- 4	Palmer and Strong	57.0	1.24	.....	71.0
8-25	Johnston and Strong	50.0	1.20	.....	61.0
<b>1923</b>					
2- 7	A. E. Johnston	93.5	0.90	.....	84.5
4-16	do	46.6	1.59	.....	74.1
6- 6	do	106.1	1.93	.....	205.4
6-22	do	78.7	1.70	.....	134.4
7-17	do	54.6	1.48	.....	81.3
8- 4	do	46.1	1.31	.....	81.2
8-27	E. F. Ketcham	36.2	1.59	.....	57.9
9-19	A. E. Johnston	32.0	1.77	.....	56.7
10-13	do	45.6	2.50	.....	114.3
12- 3	do	45.6	2.89	.....	131.8
<b>1924</b>					
2-27	A. E. Johnston	73.6	2.59	.....	190.7
4-28	do	52.9	1.70	.....	90.4
5-31	do	51.3	1.81	.....	93.3
6-26	do	16.0	1.61	.....	25.9
8- 7	do	68.6	1.54	.....	105.7
9- 5	do	7.9	1.34	.....	10.5
<b>1925</b>					
1-15	A. E. Johnston	.....	.....	.....	Ice
2-18	do	70.0	3.18	.....	222.0
3-20	do	76.0	2.62	.....	199.0
4-15	do	52.0	1.63	.....	84.0
6-10	Franklin and Whitehead	70.0	1.53	.....	107.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER, NORTH FORK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
7-20	C. E. Franklin	.....	.....	.....	18.0
8-10	do	18.7	1.27	.....	23.8
8-22	do	45.5	2.09	.....	95.5
9- 6	do	14.9	.98	.....	14.5
9-24	do	39.9	1.76	.....	70.3
10-12	A. E. Johnston	57.9	1.59	.....	92.0
11-19	do	49.2	2.48	.....	118.8
<b>1926</b>					
3- 6	C. E. Franklin	63.0	1.74	.....	109.6
3-22	do	57.1	1.53	.....	87.3
4- 5	do	49.2	2.48	.....	122.4
4-19	do	41.8	1.72	.....	72.1
5- 5	do	12.3	1.41	.....	17.4
5-18	do	36.0	1.50	.....	54.0
5-27	do	19.0	1.57	.....	29.9
6-16	do	14.5	1.41	.....	20.5
6-28	do	12.0	1.27	.....	15.2
7-15	do	53.5	2.07	.....	110.9
8- 9	do	.....	.....	.....	.0
8-21	do	49.6	1.22	.....	60.9
10-14	A. E. Johnston	.....	.....	.....	76.1
11- 5	do	46.2	1.97	.....	91.1
<b>1927</b>					
2-16	A. W. Hall	63.5	1.63	.....	103.2
3-31	C. E. Franklin	5.6	2.38	.....	133.4
4-20	Franklin and Whitehead	63.4	3.08	.....	195.0
5- 3	C. E. Franklin	52.2	1.38	.....	72.4
5-18	Franklin and Whitehead	48.6	1.73	.....	84.1
5-30	C. E. Franklin	15.0	.58	.....	8.7
6-28	do	47.8	1.34	.....	64.0
7-11	Franklin and Whitehead	15.5	1.17	.....	18.2
7-27	C. E. Franklin	35.0	1.30	.....	45.6
8-26	do	27.3	1.50	.....	40.9
9- 8	do	45.0	1.80	.....	30.9
10- 6	do	42.5	1.80	.....	76.8
11-10	do	34.0	2.64	.....	89.9
12- 5	do	57.3	3.10	.....	177.1
12-23	do	56.0	1.23	.....	68.9
<b>1928</b>					
1-25	C. E. Franklin	.....	.....	.....	117.3
2-14	do	62.8	2.90	.....	181.6
3- 9	do	70.5	1.96	.....	137.7
3-24	do	70.5	1.55	.....	108.7
4-13	do	63.0	1.27	.....	79.9
5-23	do	71.4	1.67	.....	119.2
6-18	do	88.0	2.40	.....	210.8
7- 9	do	39.6	1.86	.....	73.9
7-30	do	97.0	1.92	.....	185.2
8-17	do	32.9	1.10	.....	36.2
9-11	do	65.0	1.27	.....	82.9
9-21	do	40.0	1.37	.....	54.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER, NORTH FORK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
10- 4	C. E. Franklin	36.5	.88	—	32.0
10-23	do	47.2	2.31	—	109.2
11- 3	do	83.5	2.67	—	223.1
11-22	do	65.0	2.38	—	155.5
12-22	do	31.8	3.51	—	111.6

REPUBLICAN RIVER, NORTH FORK  
Sec. 20, Twp. 1, Rge. 39 W.  
Below Parks Headgate

<b>1921</b>					
8-26	Palmer and Bailey	32.0	0.97	—	31.0
<b>1922</b>					
6-25	T. C. Palmer	18.0	1.17	—	21.0

## Above Parks Canal

<b>1921</b>					
8-26	Palmer and Bailey	28.5	1.08	—	30.8

REPUBLICAN RIVER, SOUTH FORK  
Sec. 19, Twp. 1, Rge. 37 W.  
Near Benkleman

<b>1921</b>					
5-19	Palmer and Bailey	39.0	1.63	—	65.0
8-26	do	29.0	1.31	—	38.0
<b>1922</b>					
2-22	T. C. Palmer	55.0	1.66	—	92.0
6-26	do	9.0	.91	—	8.0
7- 9	Palmer and Strong	39.0	1.35	—	53.0
8- 4	do	29.0	1.17	—	34.0
8-25	Johnston and Strong	31.0	1.13	—	35.0
<b>1923</b>					
2- 7	A. E. Johnston	32.0	1.50	—	45.0
4-16	do	24.5	1.26	—	30.8
6- 6	do	96.4	2.02	—	195.0
6-22	do	81.8	1.66	—	136.0
7-17	do	75.5	1.93	—	148.1
8- 4	do	44.5	1.36	—	60.6
8-27	E. F. Ketcham	76.4	1.17	—	54.6
9-19	A. E. Johnston	36.8	1.25	—	46.4
10-13	do	37.2	1.61	—	60.1
12- 3	do	34.3	1.39	—	48.0
<b>1924</b>					
2-27	A. E. Johnston	52.3	1.66	—	87.3
4-28	do	30.8	1.70	—	51.5
5-31	do	40.8	1.31	—	53.6
6-26	do	7.3	1.10	—	8.0
8- 7	do	43.7	1.44	—	63.1
9- 5	do	4.4	.90	—	4.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER, SOUTH FORK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
1-15	A. E. Johnston	.....	.....	.....	Ice
2-17	do	63.0	1.85	.....	118.0
3-20	do	92.0	1.88	.....	173.0
4-15	do	39.0	1.88	.....	73.0
6-10	Franklin and Whitehead	15.0	2.01	.....	31.0
7-20	C. E. Franklin	19.2	.96	.....	18.4
7-20	do	.....	.....	.....	.0
8-10	do	1.8	1.16	.....	2.1
8-22	do	46.4	1.23	.....	58.4
9- 5	do	3.4	1.09	.....	3.7
9-24	do	37.1	1.53	.....	56.8
10-12	A. E. Johnston	42.7	1.19	.....	50.7
11-19	do	30.5	1.43	.....	43.0
<b>1926</b>					
3- 6	C. E. Franklin	33.8	1.17	.....	39.6
3-22	do	33.0	1.31	.....	43.2
4- 5	do	45.9	1.22	.....	55.9
4-19	do	23.1	1.25	.....	29.1
5- 5	do	6.7	1.30	.....	8.7
5-18	do	13.1	1.05	.....	13.7
5-27	do	6.3	.89	.....	5.6
6-16	do	85.0	1.82	.....	155.0
6-28	do	5.3	1.06	.....	5.6
7-15	do	36.0	1.23	.....	44.3
8- 9	do	.....	.....	.....	.0
8-21	do	26.5	1.48	.....	39.3
10-14	A. E. Johnston	18.4	1.01	.....	18.5
11- 5	do	27.3	1.18	.....	32.2
<b>1927</b>					
2-16	A. W. Hall	60.3	1.31	.....	78.8
3-31	C. E. Franklin	45.5	1.60	.....	72.9
4-20	Franklin and Whitehead	58.5	1.91	.....	111.8
5- 3	C. E. Franklin	32.5	1.46	.....	47.5
5-18	Franklin and Whitehead	18.5	1.23	.....	22.8
5-30	C. E. Franklin	9.0	.58	.....	5.1
6-29	do	54.1	1.22	.....	66.0
7-11	Franklin and Whitehead	30.5	1.15	.....	35.2
7-27	C. E. Franklin	15.1	1.17	.....	17.7
8-26	do	20.5	1.05	.....	21.5
9- 8	do	20.0	2.44	.....	24.4
10- 6	do	14.9	1.06	.....	15.9
11-10	do	28.0	1.12	.....	32.5
12- 5	do	36.6	1.30	.....	47.4
12-23	do	21.5	.81	.....	17.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER, SOUTH FORK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-25	C. E. Franklin	33.7	1.71	.....	57.5
2-14	do	23.3	1.56	.....	36.3
3- 9	do	33.5	1.52	.....	51.1
3-24	do	41.4	1.37	.....	56.7
4-13	do	33.0	1.17	.....	38.7
5-23	do	48.9	1.57	.....	76.8
6-18	do	142.7	2.37	.....	339.0
7- 9	do	42.1	1.57	.....	66.1
7-30	do	72.7	1.60	.....	115.9
8-17	do	60.3	1.21	.....	73.1
9-11	do	43.2	1.16	.....	50.2
9-21	do	43.2	3.40	.....	36.3
10- 4	do	20.5	1.27	.....	26.0
10-23	do	36.4	1.77	.....	64.6
11- 3	do	77.5	1.31	.....	101.7
11-22	do	43.2	1.60	.....	69.3
12-22	do	47.0	.91	.....	43.0

REPUBLICAN RIVER  
Sec. 17, Twp. 1, Rge. 37 W.

<b>1928</b>					
1-25	C. E. Franklin	75.0	2.36	.....	175.0

REPUBLICAN RIVER  
Sec. 26, Twp. 1, Rge. 41 W.

<b>1923</b>					
8-28	E. F. Ketcham	39.6	1.06	.....	42.1

REPUBLICAN RIVER  
Sec. 21, Twp. 3, Rge. 31 W.  
Near Culbertson

<b>1914</b>					
10-24	D. P. Weeks, Jr.	21.0	1.27	0.25	26.7
11-21	do	38.5	1.88	.65	72.4

<b>1915</b>					
3-31	D. P. Weeks, Jr.	63.0	1.93	1.16	122.0
5-11	do	78.0	1.96	1.05	153.0
6-17	do	1085.0	5.09	3.60	5500.0
6-18	do	241.0	2.57	1.12	620.0
7-12	do	118.0	1.74	.82	206.0
8-11	do	225.0	2.48	1.23	559.0

<b>1921</b>					
5-19	Palmer and Bailey	130.0	1.45	.....	188.0
8-25	do	73.0	1.12	.....	82.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
2-22	T. C. Palmer	224.0	1.88	.....	422.0
6-25	do	16.0	1.00	.....	10.0
7- 9	do	47.0	1.18	.....	57.0
8- 2	do	76.0	1.01	.....	77.0
8-24	A. E. Johnston	148.0	1.59	.....	237.0
10-23	do	.....	.....	.....	26.0
11-25	do	.....	.....	.....	28.0
<b>1923</b>					
1- 5	A. E. Johnston	59.9	1.75	.....	105.2
2- 7	do	70.5	1.62	.....	114.5
2-24	do	105.3	2.21	.....	232.9
3-23	do	86.1	3.02	.....	259.3
4-16	do	43.0	2.02	.....	86.8
6- 5	do	69.8	1.66	.....	116.2
6-21	do	153.8	2.12	.....	203.7
7-19	do	151.9	2.13	.....	303.9
8- 6	do	154.6	2.52	.....	350.8
8-27	E. F. Ketcham	103.0	1.29	.....	133.2
9-18	A. E. Johnston	91.3	1.52	.....	139.1
10-12	do	125.1	2.01	.....	251.9
12- 3	do	91.6	2.03	.....	186.7
<b>1924</b>					
2-27	A. E. Johnston	127.0	2.16	.....	275.0
4- 2	do	137.8	2.57	.....	354.3
4-28	do	99.9	1.93	.....	193.2
5-29	do	68.2	1.66	.....	113.3
6-25	do	15.9	1.18	.....	18.9
7-11	Hall and Whitehead	22.0	1.07	.....	24.0
8- 8	do	84.9	1.52	.....	129.1
9- 6	do	2.8	.93	.....	2.6
<b>1925</b>					
2-17	A. E. Johnston	166.0	2.95	.....	490.0
3-19	do	157.0	2.38	.....	374.0
4-14	do	97.0	1.90	.....	184.0
6- 9	C. E. Franklin	78.0	1.27	.....	98.0
7-18	do	.8	.80	.....	.6
8- 8	do	21.0	1.33	.....	28.0
8-20	do	165.0	1.88	.....	310.0
9- 4	do	3.0	1.19	.....	3.0
9-19	do	108.0	1.59	.....	172.0
10-12	A. E. Johnston	63.0	1.74	.....	110.0
11-18	do	70.0	2.36	.....	166.0
<b>1926</b>					
2-17	A. E. Johnston	83.9	2.14	.....	180.0
3- 3	C. E. Franklin	101.4	1.98	.....	199.0
3-19	do	78.5	1.86	.....	146.0
4- 3	do	97.4	1.93	.....	189.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
4-17	C. E. Franklin	70.6	1.66	.....	117.0
5- 1	do	23.8	.69	.....	35.0
5-15	do	49.2	1.46	.....	72.0
5-29	do	15.3	1.62	.....	25.0
6-17	do	5.0	.68	.....	3.0
6-29	do	.....	.....	.....	†1.0
7-14	do	56.1	2.08	.....	117.0
8- 8	do	.....	.....	.....	.0
8-22	do	29.0	1.28	.....	37.0
10-15	A. E. Johnston	38.2	1.67	.....	64.0
11- 6	do	73.7	1.64	.....	120.0
<b>1927</b>					
2-16	A. W. Hall	133.4	1.70	.....	226.4
3-27	C. E. Franklin	159.0	1.71	.....	272.0
4-18	do	254.0	2.08	.....	530.0
4-30	do	110.0	2.33	.....	257.0
5-16	do	51.0	1.48	.....	76.0
5-28	do	.....	.....	.....	†2.5
6-26	do	94.0	1.86	.....	174.0
7- 9	do	21.0	1.61	.....	33.0
7-25	do	22.5	1.50	.....	34.0
8- 7	do	78.3	2.02	.....	158.0
8-23	do	24.3	1.31	.....	31.8
9- 7	do	29.3	1.21	.....	35.6
10- 4	do	48.0	1.48	.....	71.5
11- 5	do	77.5	1.52	.....	117.9
12-21	do	44.4	1.33	.....	59.1
<b>1928</b>					
1-22	C. E. Franklin	87.1	1.60	.....	138.8
2-10	do	77.6	2.08	.....	162.0
3- 7	do	102.0	1.83	.....	187.0
3-22	do	120.0	1.65	.....	198.0
4-10	do	58.0	1.85	.....	108.0
5-19	do	512.0	2.62	.....	1237.0
6-21	do	421.0	2.25	.....	948.0
7-14	do	76.0	1.40	.....	106.0
7-29	do	1669.0	6.03	.....	10065.0
8-15	do	75.5	2.02	.....	153.0
9- 8	do	55.0	1.70	.....	94.0
9-20	do	50.7	1.54	.....	78.0
10- 1	do	47.5	1.60	.....	76.0
10-20	do	120.0	1.61	.....	193.0
11- 4	do	128.0	2.52	.....	324.0
11-21	do	95.0	1.94	.....	184.9
12-19	do	63.8	1.43	.....	91.4

†Estimated.



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

 REPUBLICAN RIVER  
 Sec. 31, Twp. 3, Rge. 29 W.  
 Near McCook

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
10-23	A. E. Johnston	.....	.....	.....	47.0
11-25	do	.....	.....	.....	388.0
<b>1923</b>					
1- 6	A. E. Johnston	114.4	2.51	.....	287.7
2- 7	do	142.1	2.09	.....	297.7
2-26	do	153.8	1.06	.....	317.5
3-23	do	139.9	2.31	.....	322.1
4-16	do	95.7	1.78	.....	170.5
6- 5	do	321.1	3.14	.....	1010.4
6-21	do	227.1	2.26	.....	514.6
8- 6	do	300.6	2.20	.....	663.6
8-21	do	178.2	1.26	.....	344.9
9-18	do	121.3	1.73	.....	197.8
10-13	do	168.2	1.25	.....	322.2
12- 1	do	146.0	2.26	.....	330.8
<b>1924</b>					
2-28	A. E. Johnston	243.5	2.11	.....	515.6
4- 2	do	280.2	2.00	.....	561.0
4-28	do	159.4	1.87	.....	299.0
5-29	do	92.2	1.63	.....	151.1
6-24	do	56.7	1.48	.....	84.2
8- 8	do	150.2	1.92	.....	289.7
9- 6	do	.....	.....	.....	.0
<b>1925</b>					
2-17	A. E. Johnston	310.0	2.29	.....	711.0
3-19	do	325.0	2.50	.....	815.0
4-14	do	212.0	2.26	.....	480.0
6-11	C. E. Franklin	126.0	1.53	.....	192.0
8- 9	do	26.0	1.26	.....	33.0
8-22	do	162.0	1.92	.....	321.0
9- 4	do	.....	.....	.....	20.0
9-19	do	138.0	1.60	.....	221.0
10-10	A. E. Johnston	128.0	1.82	.....	233.0
11-18	do	158.0	2.64	.....	418.0
<b>1926</b>					
2-16	A. E. Johnston	175.0	2.70	.....	473.0
3- 4	C. E. Franklin	114.0	3.17	.....	362.0
3-20	do	143.0	2.30	.....	304.0
4- 3	do	166.0	2.01	.....	334.0
4-17	do	92.0	1.68	.....	154.0
5- 3	do	27.0	1.38	.....	37.0
5-15	do	91.0	1.75	.....	158.0
5-31	do	79.0	1.35	.....	106.0
6-17	do	227.0	1.72	.....	391.0
6-29	do	.....	.....	.....	†2.0
7-14	do	138.0	1.86	.....	258.0

†Estimated.

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
8-11	Franklin and Whitehead	377.0	2.10	.....	792.0
8-22	C. E. Franklin	71.0	1.35	.....	96.0
10-15	A. E. Johnston	92.0	1.74	.....	161.0
11- 6	do	97.0	1.96	.....	190.0
<b>1927</b>					
3-27	C. E. Franklin	265.0	2.16	.....	553.0
4-17	do	365.0	2.00	.....	729.0
5- 1	do	237.0	2.20	.....	521.0
5-16	do	157.0	1.52	.....	239.0
5-29	do	30.0	.79	.....	24.0
6-21	do	324.0	2.54	.....	822.0
7-12	do	27.0	1.35	.....	36.0
7-25	do	20.0	1.47	.....	29.0
8- 9	do	79.0	1.09	.....	86.0
8-23	do	34.0	1.24	.....	42.0
9- 7	do	40.0	1.12	.....	45.0
10- 4	do	.....	.....	.....	18.0
11- 5	do	132.0	1.68	.....	222.0
12- 2	do	139.0	1.87	.....	260.0
12-21	do	105.0	1.50	.....	158.0
<b>1928</b>					
1-24	C. E. Franklin	190.0	1.79	.....	343.0
2-10	do	164.0	2.05	.....	337.0
3- 7	do	207.0	1.87	.....	388.0
3-22	do	205.0	1.75	.....	359.0
4-10	do	102.0	2.68	.....	272.0
5-19	do	603.0	2.94	.....	1745.0
6-21	do	386.0	3.17	.....	1225.0
7-14	do	401.0	1.44	.....	578.0
7-28	do	349.0	2.56	.....	894.7
7-29	do	2056.0	4.29	.....	8830.0
8-15	do	13.0	2.18	.....	275.0
9- 9	do	65.0	2.31	.....	150.3
9-20	do	74.0	1.74	.....	128.6
10- 1	do	68.0	1.78	.....	120.2
10-20	do	131.0	2.29	.....	300.5
11- 4	do	263.5	2.60	.....	686.0
11-21	do	200.0	2.05	.....	411.0
12-20	do	122.5	1.72	.....	210.8

REPUBLICAN RIVER  
Sec. 22, Twp. 24, Rge. 24 W.  
Near Holbrook

<b>1927</b>					
12-22	C. E. Franklin	126.0	1.24	.....	156.0
<b>1928</b>					
1-24	C. E. Franklin	278.0	1.52	.....	424.0
2-11	do	346.0	1.75	.....	607.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## REPUBLICAN RIVER

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
3-23	C. E. Franklin	320.0	1.64	.....	528.0
4-12	do	231.0	1.71	.....	399.0
5-21	do	389.0	2.70	.....	1053.0
7- 5	do	467.0	2.00	.....	937.0
7-23	do	762.0	2.60	.....	2009.0
7-28	do	675.0	2.39	.....	1603.0
8-16	do	263.0	1.77	.....	467.0
9-10	do	145.0	1.26	.....	184.0
10- 2	do	92.0	1.65	.....	151.0
10-21	do	200.0	1.94	.....	389.0
11-22	do	279.0	1.85	.....	513.0
12-21	do	140.0	2.09	.....	293.0

## REPUBLICAN RIVER

Sec. 27, Twp. 4, Rge. 23 W.

Near Arapahoe

<b>1922</b>					
10-23	A. E. Johnston	.....	.....	.....	3.0
11-24	do	.....	.....	.....	228.0
<b>1923</b>					
1- 6	A. E. Johnston	125.8	1.39	.....	176.0
2- 8	do	.....	.....	.....	Ice
2-26	do	184.6	2.34	.....	432.0
3-23	do	184.6	2.00	.....	368.1
4-14	do	99.6	1.68	.....	167.3
6- 4	do	453.3	2.62	.....	1202.4
6-20	do	540.5	3.01	.....	1631.8
8- 6	do	691.9	2.90	.....	2361.5
8-21	do	223.1	1.82	.....	445.1
9-17	do	397.2	2.79	.....	974.9
10-15	do	230.5	2.63	.....	490.9
11-30	do	194.3	1.85	.....	361.1
<b>1924</b>					
2-28	A. E. Johnston	348.3	1.73	.....	605.7
4- 2	do	334.7	1.96	.....	657.0
4-26	do	212.6	1.61	.....	343.5
5-28	do	53.3	1.53	.....	82.0
6-24	do	.....	.....	.....	76.0
8- 8	do	56.0	1.40	.....	78.4
9- 8	do	10.9	.99	.....	10.7
<b>1925</b>					
3-19	A. E. Johnston	.....	.....	.....	844.0
4-13	do	.....	.....	.....	545.0
6-12	C. E. Franklin	.....	.....	.....	292.3
7-19	do	.....	.....	.....	.5
8- 9	do	.....	.....	.....	71.6
8-21	do	.....	.....	.....	1948.0
9-21	do	.....	.....	.....	195.2
10- 9	A. E. Johnston	.....	.....	.....	205.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
2-16	A. E. Johnston	.....	.....	.....	476.0
3- 5	C. E. Franklin	.....	.....	.....	469.0
3-20	do	.....	.....	.....	437.0
4- 4	do	.....	.....	.....	398.0
4-18	do	.....	.....	.....	261.0
5- 4	do	.....	.....	.....	56.0
5-16	do	.....	.....	.....	210.0
5-29	do	.....	.....	.....	84.0
6-17	do	.....	.....	.....	227.0
6-29	do	.....	.....	.....	29.0
7-20	do	.....	.....	.....	29.0
8-21	do	.....	.....	.....	188.0
10-15	A. E. Johnston	.....	.....	.....	169.0
11- 6	do	.....	.....	.....	232.0
<b>1927</b>					
3-28	C. E. Franklin	.....	.....	.....	665.0
4-16	Franklin and Whitehead	.....	.....	.....	1890.0
5- 1	C. E. Franklin	.....	.....	.....	556.0
5-17	do	.....	.....	.....	370.0
5-29	do	.....	.....	.....	97.0
7-12	do	.....	.....	.....	80.0
7-26	do	.....	.....	.....	232.0
8- 9	do	.....	.....	.....	233.0
8-24	do	.....	.....	.....	56.0
9- 5	do	.....	.....	.....	87.0
10- 5	do	.....	.....	.....	139.0
11- 7	do	.....	.....	.....	163.0
12-22	do	.....	.....	.....	162.0

REPUBLICAN RIVER  
Sec. 35, Twp. 4, Rge. 22 W.  
Near Edison

<b>1928</b>					
3- 8	C. E. Franklin	237.0	2.12	.....	503.0

REPUBLICAN RIVER  
Sec. 7, Twp. 3, Rge. 20 W.  
Near Oxford

<b>1923</b>					
6-20	A. E. Johnston	770.0	2.76	.....	2132.0
8-21	do	267.0	2.02	.....	541.0
9-17	do	943.0	2.66	.....	2513.0
10-15	do	246.0	2.10	.....	517.0
11-30	do	228.0	1.99	.....	455.0
<b>1924</b>					
2-28	A. E. Johnston	411.3	2.07	.....	854.1
4- 1	do	427.3	2.36	.....	1009.5
4-26	do	264.1	1.90	.....	502.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
5-28	A. E. Johnston	95.5	1.79	.....	171.8
6-24	do	95.3	1.19	.....	114.2
8- 9	do	116.8	1.58	.....	184.4
9- 8	do	27.5	1.32	.....	36.4
<b>1925</b>					
3-18	A. E. Johnston	407.0	2.08	.....	849.0
4-13	do	279.0	2.21	.....	618.0
10- 9	do	153.0	1.80	.....	274.0
<b>1926</b>					
2-15	A. E. Johnston	252.0	2.10	.....	528.0
7-21	C. E. Franklin	100.5	1.23	.....	123.1
10-15	A. E. Johnston	.....	.....	.....	193.5
11- 8	do	.....	.....	.....	315.9

REPUBLICAN RIVER  
Sec. 12, Twp. 1, Rge. 15 W.  
Near Franklin

<b>1925</b>					
10- 9	A. E. Johnston	105.0	1.66	.....	176.0
<b>1926</b>					
3-13	A. E. Johnston	289.0	2.08	.....	602.0

REPUBLICAN RIVER  
Sec. 11, Twp. 1, Rge. 11 W.  
Near Red Cloud

<b>1926</b>					
7-23	C. E. Franklin	177.0	1.44	.....	256.0

REPUBLICAN RIVER  
Secs. 23 and 26, Twp. 1, Rge. 8 W.  
Near Bostwick

<b>1923</b>					
1- 7	A. E. Johnston	211.0	1.97	.....	416.0
8-20	do	598.0	2.16	.....	129.0

REPUBLICAN RIVER  
Sec. 35, Twp. 1, Rge. 7 W.  
Near Superior

<b>1923</b>					
6-26	A. H. Atkins	545.0	2.35	.....	1281.0
7- 6	do	340.0	3.33	.....	1152.0
7-25	E. F. Ketcham	726.0	2.43	.....	1764.0
8- 8	A. H. Atkins	662.0	1.41	.....	934.0
9- 5	do	461.0	2.04	.....	944.0
<b>1924</b>					
6-23	A. E. Johnston	174.0	2.38	.....	416.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

REPUBLICAN RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
3-18	A. E. Johnston	254.0	2.26	.....	576.0
10- 8	do	51.0	.40	1.45	204.0
<b>1926</b>					
3-12	A. E. Johnston	528.0	0.97	1.85	511.0
4- 2	do	486.0	1.07	1.50	520.0
4-22	do	480.0	.65	1.60	315.0
5-15	do	50.0	.49	1.70	243.0
6- 8	do	80.0	1.46	.40	117.0
7-17	do	1148.0	.93	1.40	1007.0
7-22	do	27.0	1.58	.....	42.0
9-23	do	1061.0	.98	1.30	1047.0
10-16	do	.....	.....	.....	324.0
<b>1927</b>					
5-17	A. E. Johnston	982.0	0.97	1.35	846.0
6- 6	do	1420.0	4.10	3.65	5817.0
7-11	do	713.0	.91	1.15	646.0
8-17	do	775.0	1.49	2.00	1156.0
10-25	do	137.0	1.65	1.60	224.0
12- 6	do	234.0	1.93	.....	454.0
<b>1928</b>					
3-21	A. E. Johnston	77.0	0.91	2.30	699.0
5-16	do	655.0	.64	1.70	417.0
6-21	do	965.0	4.24	2.60	4088.0
<b>ROCK CREEK</b>					
Sec. 21, Twp. 1, Rge. 39 W. Near Parks					
<b>1919</b>					
7-15	Palmer and Bailey	9.7	1.33	.....	12.8
<b>1921</b>					
5-18	Palmer and Bailey	12.1	1.26	.....	15.2
8-26	do	8.4	1.27	.....	10.6
<b>1922</b>					
1-27	T. C. Palmer	8.2	1.81	.....	14.9
2-23	do	8.3	1.94	.....	16.1
6-25	do	9.9	1.33	.....	13.2
7- 9	Palmer and Strong	12.0	1.18	.....	14.2
8- 3	T. C. Palmer	10.5	1.49	.....	15.7
8-24	A. E. Johnston	9.6	1.48	.....	14.3
<b>1923</b>					
4-17	A. E. Johnston	8.5	1.83	.....	15.5
6- 6	do	12.9	1.47	.....	19.0
6-22	do	10.3	1.73	.....	17.9
7-18	do	8.1	1.80	.....	14.6
8- 4	do	8.8	1.67	.....	14.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

ROCK CREEK (Continued)					
Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
8-28	E. F. Ketcham	8.0	1.56	.....	12.5
9-19	A. E. Johnston	8.9	1.97	.....	17.5
10-12	do	9.3	2.10	.....	19.5
12- 4	do	9.1	1.72	.....	15.7
<b>1924</b>					
2-27	A. E. Johnston	8.1	1.95	.....	15.8
4-29	do	9.0	1.75	.....	15.8
5-31	do	8.4	1.71	.....	14.4
6-26	do	7.8	1.66	.....	13.0
8- 7	do	16.5	.90	.....	14.8
9- 5	do	7.2	1.65	.....	12.0
<b>1925</b>					
1-14	A. E. Johnston	10.1	2.19	.....	22.1
2-18	do	10.8	1.88	.....	20.3
3-20	do	13.2	1.74	.....	22.9
4-15	do	10.6	1.40	.....	14.9
5-26	C. E. Franklin	8.9	1.27	.....	11.3
6-10	Franklin and Whitehead	12.8	1.31	.....	16.8
7-20	C. E. Franklin	10.2	1.54	.....	15.7
8-10	do	8.2	1.41	.....	11.6
8-24	do	7.3	1.21	.....	8.9
9- 7	do	8.4	1.31	.....	10.1
9-25	do	9.4	1.38	.....	13.0
10-13	A. E. Johnston	7.6	1.92	.....	14.6
11-19	do	10.1	1.73	.....	17.5
<b>1926</b>					
3- 6	C. E. Franklin	11.4	1.42	.....	16.2
3-22	do	8.8	1.40	.....	12.3
4- 5	do	11.4	1.36	.....	15.5
4-19	do	11.8	1.06	.....	12.5
5- 5	do	11.2	1.10	.....	12.3
5-18	do	1.0	1.23	.....	12.3
5-27	do	10.4	1.27	.....	13.3
6-16	do	10.2	1.04	.....	10.6
6-28	do	9.1	1.42	.....	12.9
7-15	do	11.9	1.27	.....	15.1
8- 9	do	8.3	1.27	.....	10.5
8-20	do	11.2	1.27	1.40	14.3
10-14	A. E. Johnston	8.9	1.67	.....	14.9
11- 5	do	7.8	1.73	.....	13.5
<b>1927</b>					
4- 1	C. E. Franklin	12.8	1.30	1.70	16.7
4-21	Franklin and Whitehead	12.5	1.57	1.87	19.6
5- 3	C. E. Franklin	10.2	1.42	.....	14.5
5-18	do	10.7	1.45	1.80	15.5
5-30	do	12.0	1.44	1.95	17.3
6-29	do	7.6	1.34	1.80	10.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

ROCK CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1927</b>					
7-11	Franklin and Whitehead	7.6	1.71	1.85	13.0
7-27	C. E. Franklin	7.6	1.79	1.71	13.7
8-26	do	8.1	1.49	1.60	12.1
9- 8	do	9.2	1.44	.....	13.2
10- 6	do	7.4	1.58	.....	11.7
11-10	do	7.4	2.08	1.50	15.4
12- 6	do	6.6	1.75	1.50	11.7
12-23	do	7.2	3.15	1.50	22.7
<b>1928</b>					
1-25	Franklin and Whitehead	7.8	2.20	1.50	17.3
2-15	C. E. Franklin	8.9	1.42	.....	12.6
3- 9	do	9.0	1.19	1.55	13.2
3-24	do	9.8	1.36	1.48	13.4
4-13	do	8.6	1.46	1.52	12.5
5-24	do	9.4	1.58	1.55	14.9
6-19	do	9.3	1.59	1.62	14.8
7-10	do	9.0	1.87	1.45	16.8
7-31	do	9.4	1.42	1.55	13.3
8-18	do	8.4	1.66	1.33	14.0
9-11	do	10.0	1.76	1.42	17.6
9-21	do	9.3	1.41	1.30	13.1
10- 4	do	8.0	1.52	1.31	12.5
10-23	do	5.4	1.46	1.28	7.9
11- 3	do	10.4	1.16	1.48	12.0
11-23	do	10.2	1.57	1.42	16.0
12-22	do	8.2	1.22	1.40	10.0

## ROCK CREEK

Sec. 25, Twp. 2, Rge. 40 W.

<b>1924</b>					
4-29	A. E. Johnston	4.6	1.11	.....	5.1
5-30	do	4.1	1.35	.....	5.6

## ROCK CREEK

Sec. 17, Twp. 1, Rge. 39 W.  
Below Phelan Canal Diversion

<b>1925</b>					
5-26	C. E. Franklin	9.0	1.46	.....	13.2

## ROSE CREEK

Sec. 7, Twp. 1, Rge. 1 W.

<b>1923</b>					
8-20	A. E. Johnston	4.9	0.73	.....	3.5



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

RUSH CREEK  
Sec. 17, Twp. 17, Rge. 45 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
11-19	A. E. Johnston	2.4	1.71	.....	4.1
<b>1924</b>					
7-31	C. G. Hrubesky	.....	.....	.....	0.0
8-14	do	.....	.....	.....	†.5
9- 2	do	.....	.....	.....	.0
<b>1926</b>					
2- 8	A. E. Johnston	8.2	1.23	.....	10.1
3-19	do	1.6	1.38	.....	2.2
4-10	do	1.8	1.72	.....	3.1
5-22	do	.7	.83	.....	.6
<b>1927</b>					
4- 4	A. E. Johnston	1.5	1.33	.....	2.0
5- 2	do	1.8	1.44	.....	2.6
6-27	do	.2	.50	.....	.1
11-25	do	1.0	1.36	.....	1.3
<b>1928</b>					
1-11	A. E. Johnston	6.7	1.27	.....	8.5
1-20	do	.....	.....	.....	Ice
3- 5	do	2.3	2.12	.....	4.9
3-29	do	.7	1.12	.....	.8
4-27	do	.9	1.33	.....	1.2
6- 2	do	3.7	2.00	.....	7.4
6- 5	do	.4	.75	.....	.3
7-23	do	2.8	1.46	.....	4.1

## SALT CREEK

Sec. 2, Twp. 9, Rge. 6 W.

<b>1923</b>					
7- 5	A. H. Atkins	0.8	1.78	.....	1.4
7-23	E. F. Ketcham	1.0	.37	.....	2.6
8- 7	A. H. Atkins	1.8	.79	.....	1.4
<b>1926</b>					
7-16	A. E. Johnston	6.6	1.15	.....	7.6
9-19	do	87.5	1.34	.....	117.2
10-19	do	3.8	1.55	.....	5.9
<b>1927</b>					
5-14	A. E. Johnston	48.7	0.35	.....	16.9
6- 6	do	16.9	.80	.....	13.5
7- 8	do	3.1	1.03	.....	3.2
8-16	do	6.6	1.83	.....	12.1
10-24	do	3.2	.80	.....	4.5
12- 3	do	6.4	1.81	.....	11.6

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SALT CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
1- 6	A. E. Johnston	5.4	1.18	.....	6.4
2-22	do	13.6	.90	.....	12.3
3-19	do	11.9	.97	.....	11.5
4-14	do	11.6	.70	.....	8.2
5-14	do	6.7	.72	.....	4.8
6-20	do	33.0	.73	.....	22.9
10-10	do	.....	.....	.....	2.0
11-19	do	12.6	2.36	.....	23.6

SAND CREEK  
Sec. 10, Twp. 15, Rge. 40 W.

1919					
4-18	North and Palmer	2.6	1.66	.....	4.1
4-28	Earl North	1.9	1.38	.....	2.6
5- 5	do	1.6	1.63	.....	2.6
5-13	do	1.9	1.63	.....	3.1
6-11	do	1.5	1.49	.....	2.2
8-23	do	1.7	1.75	.....	3.0
1921					
3- 1	T. C. Palmer	2.5	1.92	.....	4.7
3-31	do	2.9	2.20	.....	6.3
5- 4	do	2.9	1.28	.....	3.6
6-23	A. H. Atkins	5.1	1.23	.....	6.3
7- 7	do	1.4	4.00	.....	5.8
7-27	do	8.1	.51	.....	4.1
8- 4	do	6.9	.51	.....	3.5
8-11	do	6.9	.50	.....	4.1
8-19	do	6.9	.58	.....	4.0
10-14	T. C. Palmer	1.4	1.22	.....	1.7
1922					
3-17	T. C. Palmer	2.6	1.20	.....	3.1
4- 7	A. E. Johnston	2.3	2.00	.....	3.3
5- 2	do	4.9	.71	.....	3.5
5-16	do	7.8	.51	.....	4.0
6- 1	do	7.3	.56	.....	4.1
6-17	do	8.3	.57	.....	4.7
7- 2	do	6.8	.51	.....	3.5
7-21	do	3.0	.76	.....	2.3
9- 1	Johnston and Eyerly	3.3	1.30	.....	4.3
9-16	Johnston and Easterday	2.8	1.78	.....	5.0
11-27	A. E. Johnston	.....	.....	.....	2.0
1923					
1-12	A. E. Johnston	2.9	1.21	.....	3.5
2-10	do	2.1	1.10	.....	2.3
3- 1	do	2.3	1.18	.....	2.7
3-29	do	1.8	1.45	.....	2.6
4-10	do	2.0	1.35	.....	2.7
5-17	do	2.6	1.11	.....	2.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SAND CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-29	A. E. Johnston	1.8	1.33	.....	2.3
6-13	do	2.2	1.41	.....	3.1
6-29	do	1.7	1.60	.....	2.6
7- 6	E. F. Ketcham	1.7	.79	.....	1.3
7-20	A. E. Johnston	2.1	1.82	.....	3.8
7-25	A. H. Atkins	1.9	1.64	.....	3.1
8-10	A. E. Johnston	2.0	1.30	.....	2.6
8-27	A. H. Atkins	2.4	1.44	.....	3.5
9-12	A. E. Johnston	1.7	1.68	.....	2.8
9-27	A. H. Atkins	3.3	1.32	.....	4.4
10-16	do	4.3	1.50	.....	6.5
10-19	Atkins and Wood	2.6	1.75	.....	4.6
<b>1924</b>					
2- 9	A. E. Johnston	2.1	1.70	.....	3.6
3- 4	do	2.1	1.78	.....	3.7
3-13	do	1.8	1.36	.....	2.5
4- 4	do	2.3	1.47	.....	3.4
4-21	do	1.8	1.08	.....	2.0
5-21	do	.....	.....	.....	.0
6-14	do	1.8	.83	.....	1.5
7-16	do	4.6	1.09	.....	5.0
7-24	do	2.8	.36	.....	1.0
8- 2	C. G. Hrubesky	.....	.....	.....	.0
8-16	do	2.0	.90	.....	1.9
8-26	A. E. Johnston	1.8	1.89	.....	3.4
9- 1	C. G. Hrubesky	2.7	1.26	.....	3.4
10- 7	A. E. Johnston	3.3	1.29	.....	4.3
10-25	do	2.0	1.32	.....	2.6
11-17	do	3.5	1.31	.....	4.6
12- 1	do	5.0	1.28	.....	6.4
<b>1925</b>					
2- 9	A. E. Johnston	4.5	1.29	.....	5.8
3-10	do	5.3	1.24	.....	6.6
4- 7	do	4.6	1.22	.....	5.6
5-19	do	6.6	1.08	.....	7.8
6- 2	do	5.3	1.00	.....	5.3
6-15	do	3.8	1.26	.....	4.8
6-26	do	2.4	.75	.....	1.8
7- 9	do	3.5	.83	.....	2.9
7-15	do	.3	.52	.....	.2
7-22	do	3.3	1.36	.....	4.5
8- 4	do	2.6	1.61	.....	4.2
8-13	do	3.0	1.73	.....	5.2
8-26	do	2.2	2.27	.....	5.0
9-16	do	2.6	1.50	.....	3.9
9-25	do	2.3	1.61	.....	3.7
10-15	do	2.4	1.75	.....	4.2
11- 4	do	2.8	1.42	.....	4.0

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SAND CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
1-20	A. E. Johnston	2.4	1.42	.....	3.4
2- 9	do	2.6	1.73	.....	4.5
3-18	do	4.2	1.12	.....	4.7
4- 9	do	4.3	1.02	.....	4.4
4-29	do	3.6	.92	.....	3.3
5-20	do	4.5	1.24	.....	5.5
6-14	do	.4	.46	.....	.2
6-28	do	4.4	.70	.....	3.1
7-23	do	5.5	1.38	.....	7.6
7-30	do	2.7	1.52	.....	4.1
8- 9	do	3.4	1.47	.....	5.0
8-20	do	3.2	1.93	.....	6.2
9- 2	do	1.9	1.48	.....	2.8
9-29	do	1.9	1.26	.....	2.4
10-26	do	2.5	1.00	.....	2.5
11-12	do	3.5	1.68	.....	5.9
<b>1927</b>					
4- 6	A. E. Johnston	4.2	1.19	.....	5.0
4-19	do	3.6	1.52	.....	5.6
5- 4	do	3.7	1.46	.....	5.4
5-21	do	3.9	1.12	.....	4.4
6-15	do	3.0	1.37	.....	4.1
6-29	do	4.1	1.61	.....	6.6
7-16	do	3.3	1.36	.....	4.5
7-26	do	3.1	1.68	.....	5.2
8- 5	do	.....	.....	.....	.0
8-24	do	1.6	1.37	.....	2.2
9-15	do	1.6	1.37	.....	2.2
10- 7	do	3.2	1.78	.....	5.7
10-12	do	2.4	1.58	.....	3.8
10-28	do	3.5	1.37	.....	4.8
11-17	do	2.9	1.92	.....	5.6
11-26	do	2.8	2.12	.....	5.7
12-10	do	.....	.....	0.40	2.6
12-23	do	2.3	1.82	.....	4.2
<b>1928</b>					
1-10	A. E. Johnston	2.9	1.90	.....	5.5
1-21	do	2.3	1.90	.....	4.4
2- 3	do	3.4	1.82	.....	6.2
2-29	do	3.4	1.80	.....	6.1
3- 6	do	3.5	1.60	.....	5.6
3-28	do	2.8	1.39	.....	3.9
4-25	do	3.0	1.60	.....	4.8
5-31	do	1.8	1.33	.....	2.4
6- 7	do	1.6	1.93	.....	3.2
6-28	do	2.1	1.76	.....	3.7
7-19	do	1.9	1.51	.....	2.9
7-25	do	2.3	1.52	.....	3.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SAND CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
8-10	A. E. Johnston	2.5	1.15	.....	2.9
8-21	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
10-18	do	2.8	1.60	.....	4.5
11- 5	do	2.8	1.32	.....	3.7
11- 9	do	2.3	1.13	.....	2.6
11-26	do	2.8	1.50	.....	4.2
12- 4	do	2.3	.87	.....	2.0
12-18	do	4.1	1.75	.....	7.2

## SAPPA CREEK

Sec. 30, Twp. 2, Rge. 19 W.

<b>1923</b>					
1- 6	A. E. Johnston	9.65	0.52	.....	5.4
<b>1925</b>					
3-18	A. E. Johnston	71.3	0.89	.....	63.6
10- 9	do	3.4	.82	.....	2.8

## SARBEN SLOUGH

Sec. 19, Twp. 14, Rge. 35 W.

<b>1928</b>					
4-24	A. E. Johnston	0.8	1.07	.....	0.9

## SCHLAGEL CREEK

Sec. 24, Twp. 33, Rge. 28 W.

<b>1927</b>					
5-28	A. E. Johnston	9.9	1.84	.....	18.2
9- 3	do	8.6	1.67	.....	14.4
9-23	do	6.8	2.18	.....	14.8
11- 6	do	4.4	1.76	.....	7.8

**1928**

2-10	A. E. Johnston	7.5	2.19	.....	16.4
4- 5	do	18.6	2.24	.....	41.8
5- 7	do	7.0	2.10	.....	14.7
7- 7	do	6.3	1.63	.....	10.3
10- 2	do	7.1	1.45	.....	10.3
10-27	do	7.3	1.80	.....	13.1
12-24	do	4.9	1.12	.....	5.5

## SCOTTSBLUFF DRAIN

Sec. 25, Twp. 22, Rge. 55 W.

<b>1919</b>					
4- 4	T. C. Palmer	5.0	0.84	.....	4.2
9- 3	do	14.1	2.21	.....	31.1
9- 8	do	14.2	1.75	.....	24.9
9-23	do	10.3	2.10	.....	21.6
9-30	do	9.3	2.20	.....	20.4
10-17	do	8.9	1.88	.....	16.6
10-29	do	9.7	1.84	.....	17.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SCOTTSELUFF DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
1-11	T. C. Palmer	5.7	1.83	.....	10.4
2- 3	do	4.8	1.70	.....	8.2
2-18	do	5.5	1.78	.....	9.8
3- 7	do	5.8	1.94	.....	11.2
4-11	do	4.6	1.15	.....	5.3
4-28	do	5.0	1.40	.....	7.0
5-10	do	4.0	1.68	.....	6.7
6- 9	Palmer and Atkins	3.9	.94	.....	3.7
6-20	T. C. Palmer	6.1	6.99	.....	42.6
7- 6	do	8.6	2.12	.....	18.1
8- 8	do	6.7	2.34	.....	15.6
8-19	do	7.3	3.07	.....	22.4
8-29	do	10.2	2.60	.....	26.5
9-27	do	7.2	2.40	.....	17.2
10- 5	do	6.8	2.20	.....	14.9
10-26	do	5.6	2.10	.....	11.7
11- 7	do	5.3	1.68	.....	8.8
11-29	do	5.2	1.82	.....	9.5
12-19	do	5.9	1.99	.....	11.7
<b>1922</b>					
1- 9	T. C. Palmer	5.5	1.21	.....	6.6
2- 6	do	5.8	1.25	.....	7.2
3- 6	do	6.7	1.33	.....	8.9
3-23	do	8.6	.96	.....	8.5
4- 5	do	7.0	1.43	.....	10.0
5- 3	do	7.2	1.15	.....	8.3
5-25	do	4.0	2.21	.....	8.9
6- 7	do	6.1	1.66	.....	10.1
6-14	do	7.0	1.61	.....	11.3
7-14	do	14.3	1.70	.....	24.4
9- 1	do	9.2	1.97	.....	18.2
9-14	Palmer and Easterday	17.2	1.87	.....	32.2
9-28	T. C. Palmer	11.0	1.94	.....	21.4
12-15	A. E. Johnston	.....	.....	.....	14.2
12-27	do	.....	.....	.....	10.9
<b>1923</b>					
1-23	A. E. Johnston	4.4	1.92	.....	8.5
2-14	do	4.0	1.60	.....	6.4
3- 7	do	4.1	1.07	.....	4.4
4- 3	do	3.5	1.43	.....	5.0
4-27	do	4.6	1.29	.....	6.0
5-11	Ketcham and Johnston	4.6	.84	.....	3.8
5-31	E. F. Ketcham	4.6	1.09	.....	5.1
7-11	A. E. Johnston	1.1	1.59	.....	17.2
7-26	do	1.2	1.29	.....	15.5
8-16	E. F. Ketcham	7.4	1.63	.....	12.1
8-28	A. E. Johnston	8.1	1.94	.....	15.8
10- 2	do	9.4	1.94	.....	18.3
10-26	do	5.7	1.79	.....	10.2
11-17	do	5.3	1.65	.....	8.8
12-14	Johnston and Hall	6.9	1.60	.....	11.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SCOTTSBLUFF DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity,	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
1-17	A. E. Johnston	5.9	1.49	.....	8.8
1-31	do	5.4	1.54	.....	8.3
2-16	do	6.6	1.34	.....	8.9
3-21	do	4.2	1.36	.....	5.8
4-11	do	6.4	1.10	.....	7.4
4-16	do	4.3	1.26	.....	5.4
5- 9	do	3.2	1.53	.....	4.9
6-10	do	6.9	1.98	.....	13.7
7- 3	do	8.4	1.78	.....	14.9
7- 9	do	9.4	1.38	.....	13.0
7-25	C. G. Hrubesky	13.0	1.45	.....	18.9
8-11	do	11.7	2.13	.....	25.1
8-28	A. E. Johnston	11.9	2.21	.....	26.3
9- 4	C. G. Hrubesky	17.2	2.20	.....	38.0
9-19	A. E. Johnston	13.8	2.12	.....	29.3
10-15	do	9.9	2.00	.....	19.8
10-31	do	11.0	1.68	.....	18.5
11-19	do	8.0	2.10	.....	16.8
12-17	do	7.4	1.57	.....	11.6
<b>1925</b>					
1- 9	A. E. Johnston	6.9	1.56	.....	10.8
2- 5	do	4.7	1.68	.....	7.9
3- 5	do	6.4	1.42	.....	9.1
4- 3	do	5.4	1.52	.....	8.2
4-24	Johnston and Franklin	4.4	1.27	.....	5.6
5- 5	A. W. Hall	30.2	1.73	.....	52.1
5-19	do	6.1	1.41	.....	8.6
6- 4	do	8.8	1.48	.....	13.0
6-19	do	11.7	1.25	.....	14.7
6-30	do	12.8	1.96	.....	25.0
7-22	do	6.9	1.67	.....	11.6
7-30	do	12.3	1.62	.....	20.0
9-30	A. E. Johnston	18.0	2.16	.....	38.9
10-20	do	10.4	1.50	.....	15.6
11-14	do	10.1	1.54	.....	15.6
12- 4	do	8.8	1.31	.....	11.5
<b>1926</b>					
1-26	A. E. Johnston	7.8	1.30	.....	10.2
2-25	do	7.2	1.32	.....	9.5
3-17	A. W. Hall	7.1	1.10	0.70	7.8
4- 7	do	10.8	1.12	.68	12.2
5- 4	do	6.3	.94	.45	5.9
5-19	do	10.6	1.34	.72	13.4
6- 4	do	10.0	2.18	1.00	21.8
6-21	do	10.1	1.11	.65	11.2
7-16	do	14.5	1.73	.90	25.1
7-21	do	10.1	1.76	.60	17.8
8-12	do	10.4	2.00	.90	20.9
8-27	do	10.5	1.88	.75	19.8
9-14	do	.....	.....	.80	19.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SCOTTSBLUFF DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
10- 7	A. E. Johnston	13.7	1.83	.70	25.2
10-26	do	9.0	2.15	.70	19.3
11-16	A. W. Hall	7.4	1.28	.70	9.5
<b>1927</b>					
1- 5	A. W. Hall	6.7	1.25	0.55	8.4
2-22	do	7.7	1.65	.80	12.9
3-31	A. E. Johnston	14.5	1.52	1.05	22.1
4-26	do	9.3	1.37	.40	12.8
5-12	A. W. Hall	5.7	1.14	.45	6.5
7- 6	do	9.8	1.46	.70	14.3
8- 3	do	12.3	1.91	.85	23.6
8-24	do	10.9	2.26	.80	24.7
10-19	C. E. Franklin	10.2	1.74	.....	17.8
11- 8	A. W. Hall	10.0	1.30	.87	13.0
11-23	do	9.0	1.20	.85	10.8
12- 6	do	7.6	1.48	.....	11.3
<b>1928</b>					
1-13	C. E. Franklin	5.1	1.90	.....	9.7
2-10	A. W. Hall	5.2	2.95	0.20	15.4
3-19	do	4.5	1.60	.30	7.2
4- 5	do	4.0	1.25	.50	5.0
4-19	do	4.7	1.63	.40	7.7
5-18	do	8.4	1.30	.....	10.9
6- 7	do	15.9	1.67	.....	26.6
7- 5	do	7.5	1.35	.55	13.4
8- 2	do	8.1	1.33	.....	10.3
10-17	do	16.4	1.27	.....	20.9
11-15	C. E. Franklin	10.0	2.00	.....	20.1
11-26	do	10.4	1.69	.....	17.6
12- 3	do	7.6	1.92	.....	14.6

SHELL CREEK  
Sec. 12, Twp. 17, Rge. 3 E.

<b>1928</b>					
2-21	A. E. Johnston	24.3	1.72	.....	41.9
3-16	do	53.7	1.90	.....	102.1
4-12	do	26.0	1.11	.....	29.0
5-11	do	25.3	.93	.....	23.5
6-18	do	50.9	2.10	.....	106.7
7-13	do	34.5	1.63	.....	56.4
8- 1	do	22.2	1.12	.....	24.8
10- 8	do	5.2	1.61	.....	8.4
11-16	do	25.8	1.81	.....	47.1
12-13	do	13.5	1.84	.....	24.9



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SHEEP CREEK  
Sec. 16, Twp. 23, Rge. 57 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
4- 4	T. C. Palmer	24.4	2.04	2.60	50.0
4-23	do	24.0	1.77	2.48	42.5
4-29	do	23.7	1.94	2.55	45.9
5- 7	do	24.1	1.81	2.50	43.7
5-13	do	23.9	1.66	2.48	39.6
5-21	do	21.5	1.18	2.20	25.2
6-11	do	20.8	1.04	2.15	21.7
6-24	do	18.8	1.32	2.40	24.7
7- 1	do	21.0	1.11	2.20	23.4
8- 7	do	17.3	.41	1.90	7.0
9- 2	do	20.4	.80	2.80	16.4
9-23	do	36.1	2.65	3.10	95.6
10- 1	do	32.7	1.95	3.00	63.7
10- 7	do	34.4	2.56	3.10	88.1
10-30	do	33.2	2.28	3.00	76.3
11- 6	do	35.0	2.44	3.10	85.5
<b>1920</b>					
1- 3	T. C. Palmer	33.2	1.64	2.85	54.4
1-15	do	31.7	2.21	2.80	69.9
2-12	Palmer and Kelly	32.2	1.94	2.90	62.6
3-12	T. C. Palmer	31.2	2.20	2.90	68.8
3-23	do	30.6	1.70	2.65	52.1
4-10	do	30.6	1.85	2.75	56.6
4-30	Baumgartner and Palmer	31.4	1.79	2.80	56.2
6- 9	T. C. Palmer	2.0	.53	1.40	1.0
6-20	do	48.6	5.00	4.40	242.9
6-29	do	20.3	1.23	2.10	24.9
7-14	do	16.6	5.66	1.80	9.3
7-29	do	14.9	.44	1.80	6.6
8-18	do	17.5	1.27	2.05	22.2
8-27	do	17.3	1.63	2.25	28.2
9- 9	do	19.3	1.63	2.35	31.5
11- 9	do	29.8	2.17	3.00	64.6
11-30	do	33.0	2.67	3.30	88.2
12-14	do	31.0	2.23	2.80	69.3
12-30	do	33.3	2.10	3.02	70.0
<b>1921</b>					
1-12	T. C. Palmer	31.7	1.72	2.95	54.2
2- 2	do	31.2	2.06	2.85	64.5
2-17	do	31.9	1.99	2.90	63.6
3- 8	do	29.1	1.64	2.70	47.7
10- 7	do	33.6	2.56	.....	85.8
10-27	do	33.4	2.95	3.30	98.5
11- 9	do	31.9	2.78	.....	88.5
11-30	do	34.3	2.31	.....	79.4
12-19	do	32.5	2.42	.....	78.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SHEEP CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1-10	T. C. Palmer	29.0	2.33	.....	68.0
2- 7	do	37.0	2.01	.....	74.0
3- 7	do	28.0	2.00	.....	55.0
3-21	do	39.0	1.80	.....	72.0
5- 3	do	35.0	4.10	.....	142.0
5- 9	do	17.0	2.81	.....	47.0
11-16	A. E. Johnston	.....	.....	.....	108.0
12-15	do	.....	.....	.....	84.0
12-27	do	.....	.....	.....	131.0
<b>1923</b>					
1-24	A. E. Johnston	31.9	2.35	.....	75.1
2-15	do	37.6	2.35	.....	88.7
3- 8	do	31.6	1.91	.....	60.4
4- 4	do	32.5	2.20	.....	71.6
4-26	do	36.8	1.96	.....	72.2
5-10	Ketcham and Johnston	25.0	1.03	.....	25.8
5-29	E. F. Ketcham	1.0	1.65	.....	1.7
7-10	A. E. Johnston	.....	.....	.....	.0
7-27	do	34.5	1.96	.....	67.8
8-27	do	.....	.....	.....	.0
10- 1	do	44.8	.30	.....	13.7
10-25	do	44.2	2.32	.....	109.9
11-16	do	43.6	2.26	.....	98.7
12-13	do	38.1	1.92	.....	73.4
<b>1924</b>					
1-16	A. E. Johnston	40.9	1.87	.....	76.5
1-30	do	38.4	1.95	.....	74.9
2-15	do	40.7	1.98	.....	80.9
3-20	do	40.6	1.85	.....	75.2
4- 9	do	22.8	2.51	.....	57.3
5- 8	do	24.6	2.62	.....	64.6
6- 7	do	.....	.....	.....	.0
7- 2	do	26.9	2.41	.....	64.9
7- 8	do	.....	.....	.....	.0
7-26	C. G. Hrubesky	3.9	1.82	.....	7.1
8-29	A. E. Johnston	5.4	1.83	.....	9.9
9- 5	C. G. Hrubesky	6.8	1.72	.....	11.7
9-17	Johnston and Atkins	44.2	2.76	.....	122.0
10-15	A. E. Johnston	42.0	2.85	.....	119.9
10-30	do	51.0	2.75	.....	140.4
11-21	do	33.4	2.82	.....	94.0
12-16	do	24.9	2.40	.....	59.7
<b>1925</b>					
1- 7	A. E. Johnston	33.1	2.60	.....	85.8
2- 4	do	26.5	3.76	.....	99.9
3- 4	do	29.2	2.66	.....	77.9
4- 2	do	42.6	2.48	.....	105.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SHEEP CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
4-23	Johnston and Franklin	26.1	2.24	.....	58.5
5-20	A. W. Hall	1.9	2.16	.....	4.1
6- 5	do	.3	1.06	.....	.4
6-20	do	3.0	1.33	.....	4.0
7- 2	do	3.1	1.10	.....	3.4
7-31	do	3.0	1.30	.....	3.9
9- 3	do	3.6	.56	.....	2.0
9-29	A. E. Johnston	39.8	2.78	.....	110.9
10-21	do	34.2	2.95	.....	101.0
12- 3	do	31.1	2.90	.....	90.1
<b>1926</b>					
1-27	A. E. Johnston	29.9	2.65	.....	79.5
2-25	do	25.0	2.82	.....	70.4
3-19	A. W. Hall	16.8	2.84	2.00	47.7
4- 9	do	25.0	3.06	.....	76.4
5- 5	do	21.8	3.00	.....	65.4
5-20	do	20.5	4.16	.....	85.5
6- 3	do	4.2	1.45	.....	6.1
6-23	do	23.4	2.94	.....	69.0
7-10	do	10.0	2.35	.....	23.5
7-22	do	5.4	1.91	.....	10.3
10- 7	A. E. Johnston	31.4	3.24	.....	102.3
10-27	A. W. Hall	33.5	3.21	.....	107.8
11-29	do	33.3	2.62	.....	87.2
<b>1927</b>					
1- 6	A. W. Hall	35.4	2.55	.....	90.4
1-31	do	35.6	2.52	.....	89.6
2-23	do	31.6	2.69	.....	85.0
3-11	do	35.9	2.34	.....	84.3
3-31	A. E. Johnston	52.3	3.52	.....	183.6
4-25	do	22.2	3.82	.....	84.8
5-12	A. W. Hall	31.6	2.68	.....	84.6
5-25	do	21.5	2.84	.....	61.3
6-16	do	4.4	1.47	.....	6.5
7- 7	do	6.4	2.60	.....	16.6
8- 4	do	23.6	3.55	.....	83.7
8-26	do	4.4	2.10	.....	9.2
10-14	C. E. Franklin	28.5	3.41	.....	97.3
11- 8	A. W. Hall	28.1	3.94	.....	110.9
11-23	do	25.9	3.14	.....	81.5
12-11	C. E. Franklin	24.9	2.98	.....	74.4
<b>1928</b>					
1-12	C. E. Franklin	30.1	2.55	.....	76.8
2-11	A. W. Hall	25.7	2.80	3.20	72.0
3-21	do	25.4	3.15	3.15	80.2
4- 6	do	25.4	3.20	2.95	82.0
4-20	do	21.4	2.50	2.90	74.4
5- 3	do	20.6	3.26	2.95	67.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SHEEP CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5-16	A. W. Hall	24.1	3.12	2.95	75.5
6-15	do	12.1	2.62	2.00	31.7
7-20	do	4.8	1.35	1.40	6.5
8-16	do	7.6	1.91	.....	14.5
9-25	do	8.4	2.38	.....	20.0
10-13	do	9.6	1.99	.....	19.1
11-16	C. E. Franklin	25.4	3.40	.....	86.6
11-27	do	32.0	3.11	3.45	99.7
12- 6	do	28.0	2.74	.....	76.9

## SHEEP CREEK

Sec. 10, Twp. 24, Rge. 58 W.

1923					
11- 6	A. H. Atkins	1.6	1.08	.....	1.7

## SHEEP CREEK

Sec. 1, Twp. 26, Rge. 58 W.

1928					
5- 4	Hall and Carpenter	0.9	1.03	.....	1.0

## SILVERNAIL DRAIN

Sec. 6, Twp. 19, Rge. 49 W.

1925					
2-27	A. E. Johnston	2.5	0.93	.....	2.3
3-30	do	1.9	.95	.....	1.8
5-21	do	2.3	1.60	.....	3.7
6-17	do	2.7	1.74	.....	4.7
7-11	do	2.8	1.57	.....	4.4
7-25	do	3.5	1.43	.....	5.0
8- 3	do	4.2	1.14	.....	4.9
8-24	do	8.6	1.90	.....	16.3
9-15	do	7.5	1.90	.....	14.2
10-29	do	4.6	1.26	.....	5.8
11-12	do	4.8	1.27	.....	6.1
11-28	do	5.7	1.15	.....	6.6
1926					
1-29	A. E. Johnston	4.4	1.34	.....	5.9
3-16	A. W. Hall	4.9	1.12	0.50	5.5
4-10	do	3.1	1.14	.50	3.5
4-10	A. E. Johnston	3.5	1.32	.....	4.6
5- 3	A. W. Hall	3.8	.92	.47	3.5
5-18	do	3.7	1.05	.49	3.9
5-22	A. E. Johnston	4.5	.89	.50	4.0
6- 7	A. W. Hall	11.5	1.78	1.13	20.5
6-19	do	3.8	1.36	.46	5.2
7- 1	A. E. Johnston	2.9	.85	.45	3.4
7-20	A. E. Hall	8.7	2.18	1.05	19.0
7-27	A. E. Johnston	6.3	2.00	.85	12.6
8-14	do	3.8	1.42	.50	5.4
8-18	do	4.8	1.87	.80	9.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SILVERNAIL DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
9- 1	A. W. Hall	4.0	1.50	.50	6.0
9- 7	A. E. Johnston	4.4	1.73	.55	7.6
10- 9	do	4.4	1.61	.50	7.1
10-27	do	3.7	1.59	.....	6.0
11-15	A. W. Hall	4.3	1.44	.50	6.2
<b>1927</b>					
1- 4	A. W. Hall	3.7	1.45	.....	5.4
2-10	do	3.5	1.28	0.40	4.5
3-26	A. E. Johnston	7.9	.51	1.60	4.0
5- 2	do	8.1	2.53	.....	3.2
5-10	A. W. Hall	2.9	1.62	.....	4.7
5-18	do	10.7	1.62	.....	17.4
6- 8	do	11.7	2.02	1.90	23.7
6-17	A. E. Johnston	7.1	1.87	.....	13.3
6-25	do	7.0	1.81	.....	12.7
7-19	A. W. Hall	3.8	1.58	.....	6.0
8- 3	A. E. Johnston	8.1	1.76	.....	14.3
8-10	A. W. Hall	10.6	1.86	.....	19.7
9-10	do	3.3	2.06	.....	6.9
9-17	A. E. Johnston	7.5	1.33	.....	10.0
10- 8	do	5.1	1.62	.....	8.3
10-21	C. E. Franklin	4.2	2.05	.....	8.6
11- 4	A. W. Hall	5.2	1.35	.....	6.9
11-25	A. E. Johnston	6.1	1.50	.....	9.3
12-10	A. W. Hall	4.0	1.85	.....	7.4
<b>1928</b>					
1-19	A. E. Johnston	4.2	1.92	.....	8.1
2- 4	do	4.9	1.32	.....	6.5
2- 7	A. W. Hall	4.1	1.31	.....	5.4
3- 2	A. E. Johnston	4.5	1.31	.....	5.9
3-16	A. W. Hall	4.3	1.55	.....	6.7
3-30	A. E. Johnston	4.2	1.15	.....	4.8
4- 7	A. W. Hall	3.4	1.35	.....	4.6
4-28	A. E. Johnston	2.8	1.28	.....	3.6
5- 8	A. W. Hall	2.9	2.03	.....	5.9
6- 4	A. E. Johnston	4.0	2.47	.....	9.9
7-21	do	3.4	1.56	.....	5.3
8-13	do	3.2	1.50	.....	4.8
9- 7	do	4.7	1.38	.....	6.5
9-12	A. W. Hall	2.0	1.35	.....	3.7
9-21	A. E. Johnston	6.7	1.79	.....	12.0
10-18	A. W. Hall	11.2	1.88	.....	21.1
11-12	C. E. Franklin	5.5	1.93	.....	10.6
11-24	do	3.9	1.49	.....	5.8
12- 1	do	5.4	1.63	.....	8.8
12- 8	do	4.3	1.46	.....	6.3
12-24	do	4.8	1.54	.....	7.4

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SILVER CREEK

Sec. 6, Twp. 16, Rge. 3 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
2-20	A. E. Johnston	3.9	1.46	.....	5.7
3-16	do	5.9	.59	.....	3.5
4-11	do	6.4	.55	.....	3.5
5-11	do	3.2	.97	.....	3.1
6-15	do	16.6	.43	.....	7.1
7-12	do	2.7	.85	.....	2.3
7-31	do	4.0	.95	.....	3.8
10- 6	do	.7	.28	.....	.2
11-14	do	8.9	.99	.....	8.8
12-12	do	6.5	.77	.....	5.0

SKUNK CREEK

Sec. 1, Twp. 14, Rge. 37 W.

<b>1922</b>					
5-17	A. E. Johnston	2.2	0.95	.....	2.1
<b>1924</b>					
6-14	A. E. Johnston	1.9	0.97	.....	1.8
10- 7	do	2.4	1.53	.....	3.6
11-15	do	1.9	1.57	.....	3.0
<b>1925</b>					
6- 5	A. E. Johnston	1.0	1.00	.....	1.0
6-26	do	.4	.39	.....	.2
8- 5	do	1.4	1.06	.....	1.4
<b>1926</b>					
2- 9	A. E. Johnston	2.4	1.27	.....	3.0
3-18	do	1.7	1.47	.....	2.5
5-20	do	2.2	1.27	.....	2.8
8-20	do	1.9	1.10	.....	2.1
10-26	do	2.2	1.14	.....	2.5
<b>1927</b>					
4- 6	A. E. Johnston	2.8	1.25	.....	3.5
5- 5	do	2.1	1.28	.....	2.7
6-29	do	.....	.....	.....	.....
7-15	do	.....	.....	.....	.....
9-15	do	1.3	2.07	.....	2.7
10-12	do	.9	1.10	.....	.9
10-28	do	1.7	2.10	.....	3.5
11-16	do	2.3	1.87	.....	4.3
11-26	do	2.1	1.76	.....	3.7
12-10	do	2.7	1.88	.....	5.0
12-23	do	2.2	2.08	.....	4.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SKUNK CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-10	A. E. Johnston	2.2	1.23	.....	2.7
1-23	do	2.2	1.63	.....	3.6
2- 2	do	2.7	1.70	.....	4.6
2-28	do	3.3	1.48	.....	4.9
3- 7	do	2.9	1.38	.....	4.1
3-27	do	2.1	1.66	.....	3.5
4-25	do	2.1	1.33	.....	2.8
5-21	do	.8	.88	.....	.7
6- 7	do	.9	1.14	.....	.9
6-28	do	2.0	1.62	.....	3.2
7-19	do	1.6	1.32	.....	2.1
9- 4	do	2.1	1.57	.....	3.3
9-18	do	2.0	1.80	.....	3.6
10-18	do	1.5	.93	.....	1.4
11-19	do	3.2	1.43	.....	4.6
11-24	do	2.4	1.54	.....	3.7
12-18	do	2.1	1.43	.....	3.0

## SNAKE CREEK

Sec. 6, Twp. 24, Rge. 51 W.

<b>1921</b>					
11- 4	T. C. Palmer	14.4	1.50	.....	2.1
<b>1924</b>					
4-15	A. E. Johnston	7.7	1.75	.....	13.3
7-11	do	12.1	1.16	.....	14.1
8- 2	do	14.5	.81	.....	1.1
8-21	do	.7	.47	.....	.3
10- 1	do	1.0	1.00	.....	.9
11-24	do	.7	.28	.....	.2
<b>1925</b>					
3-25	A. E. Johnston	1.7	0.82	.....	1.41
4-27	do	1.6	1.10	.....	1.80
5-25	do	1.2	.58	.....	.70
6-18	do	1.5	.50	.....	.80
7-27	do	1.8	.29	.....	.50
8-19	do	1.0	.25	.....	.25
9-11	do	.4	.29	.....	.12

## SNAKE CREEK

Sec. 30, Twp. 25, Rge. 51 W.

<b>1925</b>					
4-27	A. E. Johnston	4.5	0.89	.....	4.0

## SNAKE CREEK

Sec. 17, Twp. 24, Rge. 48 W.

<b>1922</b>					
3-30	T. C. Palmer	3.0	1.23	.....	4.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SNAKE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
1-29	A. E. Johnston	0.0	0.00	.....	0.0
2-19	do	.0	.00	.....	.0
3-13	do	1.5	.43	.....	.6
5- 5	do	2.6	.69	.....	1.8
5-17	E. F. Ketcham	.0	.00	.....	.0
6-27	do	7.0	.58	.....	4.1
6-30	do	3.7	.65	.....	2.4
8- 3	do	.0	.00	.....	.0
8-10	do	.0	.00	.....	.0
9- 5	A. E. Johnston	.....	.....	.....	.0
10- 4	do	.0	.00	.....	.0
<b>1924</b>					
1-21	A. E. Johnston	.....	.....	.....	.....
2-18	do	29.5	0.79	.....	23.4
4-14	do	21.8	.61	.....	13.4
5-12	do	3.1	.55	.....	1.7
7-13	do	.....	.....	.....	.0
7-28	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
10- 3	do	.....	.....	.....	.0
11- 6	do	.....	.....	.....	.0
11-26	do	.....	.....	.....	.0
<b>1925</b>					
1-29	A. E. Johnston	.....	.....	.....	0.0
2-23	do	2.9	0.28	.....	.8
5- 2	do	.....	.....	.....	.0
5-30	do	.....	.....	.....	.0
7-30	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0
9- 8	do	.....	.....	.....	.0
10-26	do	.....	.....	.....	.0
11-23	do	.....	.....	.....	.0
<b>1926</b>					
3- 1	A. E. Johnston	9.8	0.67	.....	6.6
3-22	do	4.0	.22	.....	3.8
4-12	do	6.1	.95	.....	5.8
5- 3	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
7- 6	do	.....	.....	.....	.0
8-12	do	.....	.....	.....	.0
10-30	do	.....	.....	.....	.0
<b>1927</b>					
3-26	A. E. Johnston	.....	.....	.....	0.0
4-30	do	28.5	1.03	.....	29.4
5-19	A. W. Hall	10.5	.33	.....	3.5
5-23	A. E. Johnston	6.7	.27	.....	2.5
6-20	do	14.4	.21	.....	3.0
7-18	do	47.2	.58	.....	27.3



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SNAKE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
8- 3	A. E. Johnston	.....	.....	.....	.2
8-29	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
11- 1	do	.....	.....	.....	.0
11-21	do	.....	.....	.....	.0
12-22	do	.....	.....	.....	.0
<b>1928</b>					
1-13	A. E. Johnston	.....	.....	.....	0.0
2- 6	do	.....	.....	.....	.0
4- 2	do	19.4	0.52	.....	10.0
4-30	do	4.9	.37	.....	1.8
6-21	A. W. Hall	.....	.....	.....	.0
7- 2	A. E. Johnston	27.2	.79	.....	21.4
8-14	do	.....	.....	.....	.0
9-24	do	.....	.....	.....	.0
10-22	do	.....	.....	.....	.0
12-20	do	.....	.....	.....	.0

## SNAKE RIVER

Sec. 8, Twp. 31, Rge. 30 W.

<b>1926</b>					
5- 7	A. E. Johnston	10.8	3.70	.....	399.0
5-28	do	9.9	3.38	.....	336.0
9-15	do	9.9	3.44	.....	340.0
<b>1927</b>					
5-27	A. E. Johnston	94.7	3.84	.....	363.0
9- 2	do	84.3	3.66	.....	308.0
9-22	do	78.8	3.11	.....	245.0
11- 5	do	80.0	4.25	.....	340.0
<b>1928</b>					
2-10	A. E. Johnston	8.3	4.20	.....	352.0
4- 5	do	8.5	3.78	.....	322.0
5- 7	do	9.7	3.12	.....	305.0
7- 7	do	9.6	2.83	.....	270.0
10- 2	do	88.8	2.92	.....	260.0
10-27	do	6.9	3.51	.....	242.0
12-22	do	80.2	3.25	.....	261.0

## SNELL DRAIN

Sec. 14, Twp. 22, Rge. 53 W.

<b>1919</b>					
10-29	T. C. Palmer	14.0	0.29	.....	4.0
11- 5	do	12.8	.34	.....	4.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SNELL DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
1-11	T. C. Palmer	2.5	1.35	.....	3.4
2- 2	do	3.3	1.15	.....	3.8
2-18	do	4.4	1.12	.....	4.5
3- 7	do	4.4	.98	.....	4.3
3-23	do	4.3	.82	.....	3.5
4-11	do	1.9	1.10	.....	2.0
4-28	do	1.8	1.20	.....	2.2
5-10	do	2.7	1.66	.....	4.5
5-18	do	10.3	1.30	.....	13.4
6- 6	Palmer and Atkins	4.2	1.24	.....	5.2
6-20	T. C. Palmer	6.8	1.54	.....	10.4
7- 5	do	6.9	1.47	.....	10.1
8- 8	do	24.9	1.79	.....	4.5
8-18	do	14.1	.70	.....	10.0
8-29	do	17.1	.73	.....	12.5
9-26	do	18.3	.80	.....	14.7
10- 5	do	13.4	.84	.....	11.3
10-26	do	15.8	.80	.....	12.6
11- 7	do	6.1	2.32	.....	14.2
11-29	do	6.3	2.39	.....	15.0
12-19	do	4.4	2.08	.....	8.9
<b>1922</b>					
1- 9	T. C. Palmer	6.0	2.02	.....	13.0
2- 6	do	8.0	2.30	.....	19.0
3- 6	do	7.0	1.55	.....	12.0
3-20	do	11.0	2.32	.....	26.0
4- 5	do	10.0	2.60	.....	26.0
5- 6	do	14.0	2.00	.....	29.0
6- 8	do	16.0	1.32	.....	21.0
7-25	do	33.0	1.10	.....	36.0
8-25	do	31.0	1.14	.....	35.0
9- 1	do	32.0	.70	.....	22.0
9-14	Palmer and Easterday	33.0	.96	.....	31.0
9-28	T. C. Palmer	32.0	1.30	.....	42.0
10- 3	A. E. Johnston	.....	.....	.....	53.0
12-14	do	.....	.....	.....	28.0
12-26	do	.....	.....	.....	36.0
<b>1923</b>					
1-23	A. E. Johnston	16.4	1.65	.....	27.1
2-14	do	17.6	1.86	.....	32.9
3- 7	do	12.8	1.71	.....	22.0
4- 3	do	16.8	1.92	.....	32.3
4-28	do	15.2	2.02	.....	30.7
5-11	Ketcham and Johnston	12.2	1.87	.....	22.8
6-18	E. F. Ketcham	26.3	1.62	.....	42.8
7-11	A. E. Johnston	18.6	1.90	.....	3.7
7-25	do	19.0	1.88	.....	35.9
8-17	E. F. Ketcham	95.3	.64	.....	60.9
8-28	A. E. Johnston	48.7	1.78	.....	86.8
9-17	A. H. Atkins	31.3	1.64	.....	51.4
9-21	do	32.9	1.48	.....	48.8
10- 3	A. E. Johnston	75.4	.38	.....	28.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SNELL DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1923</b>					
10- 8	A. H. Atkins	48.9	2.77	.....	135.8
10-23	A. E. Johnston	56.3	3.83	.....	216.2
11- 5	A. H. Atkins	40.6	3.15	.....	128.2
11- 7	do	40.8	3.86	.....	157.5
11-14	A. E. Johnston	45.2	3.58	.....	162.1
11-19	A. H. Atkins	41.2	2.20	.....	90.6
11-21	do	46.9	2.20	.....	103.3
12- 3	do	39.6	2.15	.....	85.2
12- 5	do	39.9	2.15	.....	86.0
12-11	Johnston and Hall	58.5	2.74	.....	160.3
<b>1924</b>					
1-14	A. E. Johnston	31.0	2.80	.....	86.9
1-28	do	38.5	2.35	.....	90.7
2-13	do	32.4	2.76	.....	89.5
3-18	do	40.0	2.72	.....	108.8
4- 9	do	34.6	2.86	.....	99.1
4-16	do	30.9	3.08	.....	95.2
5- 6	do	43.1	1.96	.....	84.8
6- 6	do	46.6	3.15	.....	147.2
7- 1	do	57.6	2.53	.....	145.8
7-10	do	49.8	3.52	.....	175.6
7-24	C. G. Hrubesky	45.5	2.98	.....	136.1
8- 9	do	64.3	3.32	.....	214.1
8-28	A. E. Johnston	57.3	3.44	.....	196.7
9- 3	C. G. Hrubesky	52.5	3.90	.....	204.7
9-19	A. E. Johnston	60.6	4.20	.....	254.4
10-16	do	52.5	3.46	.....	181.3
10-31	do	47.0	3.48	.....	163.0
11-19	do	42.2	3.56	.....	150.6
12- 7	do	64.2	2.30	.....	147.3
<b>1925</b>					
1- 7	A. E. Johnston	60.0	2.50	.....	150.1
2- 2	do	55.3	2.26	.....	122.5
3- 2	do	49.0	2.26	.....	111.0
3-31	do	49.3	1.56	.....	92.6
4-20	Johnston and Franklin	38.0	1.94	.....	73.8
5-18	A. W. Hall	40.0	3.20	.....	128.2
6- 4	do	32.0	4.85	.....	155.0
6-18	do	50.2	2.72	.....	137.0
6-30	do	38.2	2.32	.....	88.6
7-22	do	56.0	3.60	0.45	201.0
7-30	do	62.0	3.35	.47	206.0
8-20	A. E. Johnston	88.0	3.03	.....	267.0
9- 1	A. W. Hall	52.0	3.50	2.50	183.0
9-28	A. E. Johnston	58.4	4.05	.55	236.3
10-19	do	55.8	3.71	.40	211.4
12- 1	do	42.6	3.50	.30	149.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SNELL DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
1-25	A. E. Johnston	40.4	2.74	2.10	110.7
2-23	do	38.4	3.00	2.00	115.5
3-17	A. W. Hall	38.8	2.14	1.90	83.0
4- 7	do	43.1	2.44	1.90	105.4
5- 4	do	47.8	1.86	1.95	89.3
5-18	do	46.9	2.17	2.00	101.7
6- 4	do	59.3	2.22	2.35	131.9
6-21	do	51.2	2.58	2.42	131.7
7- 7	do	59.4	3.00	2.90	179.2
7-22	do	58.5	2.93	2.90	171.7
8-10	do	87.0	3.36	2.95	193.0
8-23	do	56.1	3.78	3.05	212.1
9-14	do	66.1	3.40	3.10	223.8
10- 4	A. E. Johnston	55.2	3.32	1.80	183.4
10-25	A. W. Hall	41.0	3.14	1.50	128.6
<b>1927</b>					
1- 5	A. W. Hall	39.1	3.04	2.10	119.2
1-26	do	38.9	3.10	1.65	121.7
2-24	do	41.9	3.20	1.45	134.8
3-10	do	44.2	2.84	1.20	125.3
3-28	A. E. Johnston	46.0	2.63	1.10	120.8
4-22	do	48.6	3.68	1.45	178.5
4-27	do	49.4	3.12	1.20	154.8
5-11	A. W. Hall	45.7	2.82	1.30	129.0
5-24	do	44.7	2.53	1.40	112.0
7- 8	do	51.0	2.86	1.65	146.0
8- 2	do	97.6	2.48	1.95	242.8
8-12	do	90.7	2.84	2.00	265.8
8-24	do	74.4	3.00	.....	224.4
10-15	C. E. Franklin	82.5	2.66	.....	219.3
11- 5	A. W. Hall	78.8	2.82	.....	222.0
11-22	do	66.9	2.38	.....	164.3
12- 5	do	54.2	2.92	.....	158.6
<b>1928</b>					
1-13	C. E. Franklin	58.0	2.04	.....	116.0
2- 9	A. W. Hall	52.0	2.18	1.50	113.0
3-17	do	44.0	2.41	1.25	107.0
4- 5	do	43.0	2.72	1.15	117.0
4-18	do	42.0	2.64	1.10	112.0
5- 1	do	38.0	2.35	1.05	89.0
5-19	do	47.0	2.48	1.30	116.0
6- 6	do	44.0	2.81	1.50	124.0
7- 5	do	54.0	2.45	1.70	131.0
7-19	do	73.0	2.57	2.30	187.0
8- 6	do	81.0	2.72	1.45	221.0
9-11	do	77.0	2.82	2.70	218.0
9-26	do	72.0	2.62	2.75	188.0
10-17	do	74.0	2.49	2.70	184.0
11-13	C. E. Franklin	67.0	2.63	2.20	177.0
11-25	do	65.0	2.59	2.00	169.0
12- 4	do	65.0	2.40	.....	155.0
12-26	do	57.0	2.10	.....	120.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## SOLDIER CREEK

Sec. 19, Twp. 31, Rge. 52 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
3-30	T. C. Palmer	3.0	1.37	.....	4.0
8-25	J. D. Heywood	2.0	1.00	.....	2.0
<b>1923</b>					
6-29	Ketcham and Heywood	2.5	1.06	.....	2.6
6-29	do	4.9	.45	.....	2.2
7- 8	A. H. Atkins	.7	.12	.....	.8
9-15	do	1.5	.89	.....	1.3
10-26	do	.7	.71	.....	.5
<b>1924</b>					
7-12	Johnston and Heywood	0.6	1.58	.....	1.0
7-31	do	1.7	.95	.....	1.7
10-10	J. D. Heywood	.....	.....	.....	1.2
<b>1925</b>					
2-24	A. E. Johnston	2.4	1.87	.....	4.5
3-26	do	1.9	1.15	.....	2.2
4-29	do	2.4	1.63	.....	3.9
5-26	do	1.0	1.40	.....	1.4
8-18	do	.....	.....	.....	.....
9-10	do	.....	.....	.....	.0
<b>1926</b>					
4-13	A. E. Johnston	2.4	1.73	.....	4.2
5- 5	do	1.3	1.07	.....	1.4
5-26	do	1.0	1.00	.....	1.0
7- 7	do	.5	1.20	.....	.6
8-13	do	2.1	2.10	.....	4.4
10-28	do	3.4	1.26	.....	4.3
<b>1927</b>					
2- 4	A. W. Hall	5.2	1.32	.....	6.9
4-28	A. E. Johnston	4.5	2.02	.....	9.1
5-25	do	4.3	1.97	.....	8.5
6-20	do	2.8	1.68	.....	4.7
8- 1	do	1.7	2.00	.....	3.4
8-31	do	1.6	1.19	.....	1.9
9-20	do	2.5	1.60	.....	4.0
11-20	do	2.8	1.50	.....	4.2
11-22	do	4.0	1.45	.....	5.8
12-20	do	1.7	1.47	.....	2.5
<b>1928</b>					
1-16	A. E. Johnston	4.0	1.65	.....	6.6
2- 7	do	4.4	1.90	.....	8.4
4- 3	do	3.6	1.25	.....	4.6
5- 2	do	2.0	1.95	.....	3.9
7- 3	do	1.8	2.00	.....	3.6
8-16	do	.....	.....	.....	.0
9-26	do	1.8	1.00	.....	1.8
10-24	do	3.8	1.37	.....	5.2
12-20	do	3.7	1.70	.....	6.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPOTTED TAIL CREEK, DRY  
Southeast corner Sec. 20, Twp. 23, Rge. 56 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
1- 3	T. C. Palmer	6.0	3.18	.....	19.1
1-15	do	7.2	3.73	.....	26.8
2-12	Palmer and Kelly	6.6	3.50	.....	23.1
3-12	T. C. Palmer	7.2	3.45	.....	24.8
3-23	do	5.4	3.53	.....	19.0
4-10	do	6.9	3.13	.....	21.6
4-30	Baumgartner and Palmer	8.4	3.93	.....	33.0
5-19	T. C. Palmer	6.6	3.25	.....	21.4
6-10	do	1.2	1.01	.....	1.2
6-29	do	1.8	1.54	.....	2.7
7-14	do	.....	.....	.....	†.9
7-28	do	1.8	1.04	.....	1.8
8-17	do	1.8	1.18	.....	2.1
8-26	do	.....	.....	.....	.6
9-27	do	6.0	3.18	.....	19.0
11- 9	do	5.4	3.18	.....	17.1
11-30	do	5.4	3.06	.....	16.5
12-14	do	4.8	2.46	.....	11.8
12-30	do	4.8	2.74	.....	13.1

SPOTTED TAIL CREEK, DRY  
Sec. 28, Twp. 23, Rge. 56 W.

<b>1921</b>					
1-12	T. C. Palmer	4.2	2.09	.....	8.8
2- 2	do	6.0	2.55	.....	15.3
2-17	do	6.6	2.69	.....	17.8
3- 8	do	6.6	3.40	.....	22.3
3-24	do	6.0	2.58	.....	15.5
4-12	do	4.8	2.93	.....	14.0
4-29	do	14.2	1.23	5.50	17.5
5-11	do	26.9	1.13	.....	30.3
6- 8	Palmer and Atkins	7.2	3.19	.....	23.0
6-22	T. C. Palmer	11.1	1.00	.....	22.0
7- 6	do	11.2	2.17	.....	24.2
8- 9	do	12.5	3.19	.....	39.7
8-19	do	15.5	3.33	.....	51.7
8-30	do	17.1	2.15	.....	36.6
9-27	do	7.2	4.00	.....	28.9
10- 6	do	9.0	3.00	.....	26.9
10-27	do	7.8	3.12	.....	24.3
11- 8	do	7.2	3.33	.....	24.0
11-30	do	6.0	2.45	.....	14.7
12-19	do	7.2	3.29	.....	23.7
<b>1922</b>					
1-10	T. C. Palmer	6.0	3.61	.....	22.0
2- 7	do	5.0	3.13	.....	17.0
3- 7	do	5.0	3.50	.....	19.0
3-22	do	5.0	4.00	.....	20.0
4- 6	do	6.0	3.45	.....	21.0

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPOTTED TAIL CREEK, DRY  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
5- 9	T. C. Palmer	7.0	3.19	.....	22.0
5-24	do	6.0	3.43	.....	21.0
6- 6	do	6.0	3.55	.....	21.0
7-14	do	3.0	3.30	.....	10.0
7-21	do	5.0	3.20	.....	16.0
9-18	do	16.0	3.25	.....	53.0
9-27	do	20.0	2.68	.....	52.0
10- 4	A. E. Johnston	.....	.....	.....	41.0
11-16	do	.....	.....	.....	21.0
12-14	do	.....	.....	.....	36.0
12-27	do	.....	.....	.....	44.0
<b>1923</b>					
1-24	A. E. Johnston	12.5	2.00	.....	25.1
2-15	do	11.1	1.87	.....	20.8
3- 8	do	8.7	1.82	.....	15.9
4- 4	do	6.2	1.92	.....	10.7
4-27	do	6.2	1.38	.....	8.6
5-10	Johnston and Ketcham	10.4	1.51	.....	15.7
5-30	E. F. Ketcham	8.7	1.56	.....	13.6
6-17	do	12.6	2.02	.....	25.5
7-10	A. E. Johnston	7.1	1.20	.....	8.5
7-26	do	24.9	2.36	.....	58.8
8-15	E. F. Ketcham	21.9	2.63	.....	57.6
8-27	A. E. Johnston	18.7	2.12	.....	39.8
9-18	A. H. Atkins	23.7	2.44	.....	58.0
9-22	do	19.8	1.76	.....	34.9
10- 2	A. E. Johnston	24.1	2.29	.....	55.4
10- 9	A. H. Atkins	18.9	1.73	.....	32.7
10-25	A. E. Johnston	13.7	1.83	.....	25.1
11-16	do	16.5	1.73	.....	28.7
11-20	A. H. Atkins	16.2	1.64	.....	26.7
12- 3	do	11.3	1.54	.....	17.5
12- 4	do	12.2	1.55	.....	18.9
12-12	Johnston and Hall	15.9	2.14	.....	34.1
<b>1924</b>					
1-16	A. E. Johnston	14.6	1.65	.....	24.2
1-30	do	11.0	1.83	.....	20.2
2-15	do	19.3	2.11	.....	40.8
3-20	do	11.5	1.63	.....	18.8
4-11	do	14.8	1.80	.....	26.7
5- 8	do	15.9	2.20	.....	35.1
6- 9	do	13.5	1.88	.....	25.4
7- 3	do	18.6	3.06	.....	57.0
7- 9	do	13.4	2.21	.....	29.7
7-26	C. G. Hrubesky	18.0	3.41	.....	61.2
8-12	do	84.8	4.47	.....	37.5
8-29	A. E. Johnston	18.6	2.02	.....	37.7
9- 5	C. G. Hrubesky	29.9	2.76	.....	82.8
9-18	Atkins and Johnston	24.5	2.83	.....	69.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPOTTED TAIL CREEK, DRY  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
10-15	A. E. Johnston	20.6	2.02	.....	41.7
10-30	do	24.5	2.36	.....	57.9
11-20	do	12.2	1.64	.....	20.0
12-16	do	11.3	2.41	.....	27.4
<b>1925</b>					
1- 8	A. E. Johnston	20.0	2.35	.....	47.0
2- 3	do	17.5	2.10	.....	36.7
3- 4	do	14.9	2.14	.....	32.0
4- 2	do	16.6	1.92	.....	31.8
4-23	Johnston and Franklin	7.8	1.91	.....	14.9
5-20	A. W. Hall	11.7	2.00	.....	35.1
6- 5	do	14.0	1.86	.....	27.6
6-19	do	15.1	2.32	.....	35.1
7- 1	do	38.0	.51	.....	19.4
7-22	do	22.6	1.68	2.90	74.5
7-31	do	30.0	2.85	.....	85.7
8-21	A. E. Johnston	31.6	3.07	.....	96.9
9- 3	A. W. Hall	17.2	2.12	1.30	36.5
9-30	A. E. Johnston	23.1	2.45	.30	56.9
10-21	do	17.3	1.92	.....	33.2
11-14	do	19.3	2.26	.....	43.7
12- 3	do	17.4	1.73	.....	30.1
<b>1926</b>					
1-26	A. E. Johnston	12.5	1.45	.....	18.1
2-24	do	15.6	1.82	.....	28.5
3-18	A. W. Hall	11.3	1.36	0.60	15.4
4- 8	do	13.2	1.60	.85	21.1
5- 5	do	12.8	1.77	1.05	22.6
5-20	do	15.2	2.10	1.20	31.9
6- 3	do	23.0	2.32	1.58	53.5
6-22	do	17.9	2.08	1.50	37.2
7- 8	do	25.6	2.36	1.70	60.5
7-22	do	21.7	2.58	1.70	56.0
8-13	do	34.1	3.21	.....	109.3
8-26	do	34.0	2.58	1.80	88.1
9-15	do	23.3	.....	1.60	77.6
10- 5	A. E. Johnston	27.7	2.58	1.25	71.7
10-26	A. W. Hall	13.2	1.97	.65	26.1
<b>1927</b>					
1- 6	A. W. Hall	18.8	2.18	0.69	41.0
1-26	do	14.0	2.38	.80	33.3
2-23	do	15.8	2.08	.85	32.8
3-10	do	17.4	2.16	1.00	37.8
3-29	A. E. Johnston	14.4	1.80	1.00	25.9
4-25	do	21.1	1.98	1.20	41.7
5-12	A. W. Hall	13.3	2.08	.20	27.6
5-26	do	17.2	2.00	1.20	34.4



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPOTTED TAIL CREEK, DRY  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
6-17	A. W. Hall	15.4	2.30	1.30	35.4
7- 8	do	25.2	3.06	1.60	70.7
8- 4	do	55.6	2.60	2.90	145.0
8-25	do	29.4	2.28	1.70	67.0
10-17	C. E. Franklin	24.2	1.95	1.50	47.3
11- 7	A. W. Hall	21.2	2.16	1.35	45.9
11-22	do	.....	.....	1.20	34.1
12-10	C. E. Franklin	17.8	1.25	1.00	32.4
<b>1928</b>					
1-12	C. E. Franklin	15.6	2.15	0.90	33.6
2-11	A. W. Hall	17.9	1.97	1.00	35.3
3-20	do	16.2	1.73	1.10	28.1
4- 6	do	11.4	1.38	.90	15.8
4-18	do	14.7	1.72	1.05	25.4
5- 3	do	28.4	2.14	1.75	61.0
5-17	do	22.8	2.59	1.50	59.0
6-16	do	23.3	2.71	1.40	63.2
7- 7	do	.....	.....	1.40	.....
8- 3	do	18.7	2.96	1.30	55.4
8-15	do	29.7	2.55	1.35	75.8
9- 7	do	26.0	3.21	1.27	83.4
9-25	do	38.4	2.70	1.25	103.8
10-16	do	30.8	2.28	1.45	70.3
11-15	C. E. Franklin	22.0	1.76	.60	38.8
11-27	do	24.2	1.67	.58	40.5
12- 6	do	19.6	1.64	.50	32.2

SPOTTED TAIL CREEK, WET  
Sec. 21, Twp. 23, Rge. 56 W.  
Above Enterprise Canal

<b>1919</b>					
4- 4	T. C. Palmer	4.8	2.77	.....	13.3
4-23	do	4.2	2.43	.....	10.2
4-29	do	4.8	2.67	.....	12.8
5- 7	do	4.8	3.05	.....	14.6
5-13	do	4.2	2.31	.....	9.7
6-25	do	14.4	2.11	.....	30.4
7- 1	do	.....	.....	.....	.5
7-24	Palmer and Woodman	1.2	.70	.....	.8
7-29	T. C. Palmer	1.2	.94	.....	1.1
9-23	do	6.0	3.47	.....	20.8
10- 1	do	4.8	2.93	.....	14.1
10- 7	do	3.6	2.62	.....	9.5
10-20	do	3.0	1.77	.....	5.3
10-30	do	3.0	1.83	.....	5.5
11- 6	do	3.0	1.91	.....	5.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPOTTED TAIL CREEK, WET  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
5- 8	A. E. Johnston	12.5	2.07	.....	26.0
6- 9	do	4.7	1.21	.....	5.7
7- 3	do	6.6	1.41	.....	9.3
7- 9	do	8.8	1.67	.....	14.7
8-29	do	8.4	1.39	.....	11.7
9-18	Atkins and Johnston	.....	.....	.....	15.7
<b>1926</b>					
5-19	A. W. Hall	16.7	0.30	1.10	5.1

SPOTTED TAIL CREEK, WET  
Sec. 26, Twp. 23, Rge. 56 W.  
Below Enterprise Canal

<b>1920</b>					
1- 3	T. C. Palmer	8.2	0.74	.....	6.0
1-15	do	8.5	.77	.....	6.6
2-12	Palmer and Kelly	6.1	1.04	.....	6.3
3-12	T. C. Palmer	6.6	.84	.....	5.5
3-23	do	6.1	1.02	.....	6.2
4-10	do	4.6	1.61	.....	7.3
4-30	Baumgartner and Palmer	2.4	4.32	.....	10.4
5-19	T. C. Palmer	2.4	3.07	.....	7.4
6-10	do	1.9	.70	.....	6.3
6-18	do	6.3	5.90	.....	37.5
6-29	do	2.3	3.95	.....	9.2
7-14	do	1.3	3.39	.....	4.5
7-28	do	2.6	1.79	.....	4.7
8-17	do	3.4	1.58	.....	5.4
8-26	do	2.9	1.49	.....	4.1
9- 9	do	8.1	2.59	.....	20.9
9-28	do	8.7	1.49	.....	12.9
11- 9	do	4.9	1.34	.....	6.6
11-30	do	6.3	1.26	.....	8.0
12-14	do	4.9	1.09	.....	5.4
12-30	do	6.2	1.30	.....	8.0
<b>1921</b>					
1-12	T. C. Palmer	4.0	1.40	.....	4.4
2- 2	do	5.2	1.08	.....	5.6
2-17	do	5.5	1.44	.....	7.9
3- 8	do	5.3	1.05	.....	5.5
3-24	do	4.8	1.16	.....	5.5
4-12	do	4.4	1.21	.....	5.3
4-29	do	5.3	1.35	.....	7.2
5-11	do	11.0	1.81	.....	19.9
6- 8	Palmer and Atkins	2.7	1.06	.....	2.9
6-11	T. C. Palmer	4.1	1.43	.....	5.8
7- 6	do	2.7	2.13	.....	5.8
8- 9	do	4.6	1.40	.....	6.4
8-19	do	4.2	1.56	.....	6.7
8-30	do	4.1	1.09	.....	4.4
9-27	do	2.6	1.06	.....	2.7
10- 6	do	2.9	.82	.....	2.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPOTTED TAIL CREEK, WET  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
10-27	T. C. Palmer	4.9	1.43	.....	7.0
11- 9	do	5.2	1.30	.....	6.7
11-30	do	4.8	1.46	.....	7.0
12-19	do	4.2	1.70	.....	7.2
<b>1922</b>					
1- 9	T. C. Palmer	7.0	1.49	.....	11.0
2- 7	do	7.0	1.49	.....	11.0
3- 7	do	6.0	1.55	.....	9.0
3-22	do	11.0	1.48	.....	17.0
4- 6	do	14.0	.80	.....	12.0
5- 3	do	7.0	3.28	.....	23.0
5-24	do	5.0	1.00	.....	5.0
6- 6	do	4.0	1.50	.....	6.0
6-14	do	4.0	.80	.....	3.0
7-14	do	10.0	1.60	.....	16.0
7-21	do	7.0	.85	.....	6.0
8-24	do	8.0	1.50	.....	12.0
8-29	Palmer and McPherran	4.0	1.25	.....	5.0
8-31	T. C. Palmer	5.0	1.00	.....	5.0
9-13	Palmer and Easterday	2.0	2.50	.....	5.0
9-26	do	6.0	1.50	.....	9.0
12-27	A. E. Johnston	.....	.....	.....	8.0
<b>1923</b>					
1-24	A. E. Johnston	2.6	1.04	.....	2.7
2-16	do	3.2	1.21	.....	3.8
3- 9	do	3.4	1.15	.....	3.9
4- 5	do	2.5	1.33	.....	3.3
4-27	do	8.2	1.35	.....	11.1
5-11	Ketcham and Johnston	7.8	.77	.....	6.0
6-17	E. F. Ketcham	4.6	.60	.....	2.7
7-10	A. E. Johnston	5.7	1.51	.....	8.6
7-26	do	8.2	1.61	.....	13.2
8-16	E. F. Ketcham	8.8	1.42	.....	12.5
8-27	A. E. Johnston	4.1	1.17	.....	4.8
10- 2	do	4.9	1.27	.....	6.2
10-26	do	4.4	.76	.....	3.3
11-16	do	3.7	.83	.....	3.1
12- 3	A. H. Atkins	3.0	2.04	.....	6.1
12- 4	do	3.0	1.98	.....	5.9
12-12	Johnston and Hall	6.6	1.36	.....	9.0

SPOTTED TAIL CREEK, WET  
Sec. 3, Twp. 23, Rge. 56 W.  
Above Tri-State Canal

<b>1919</b>					
6-25	T. C. Palmer	5.5	1.89	.....	10.3
7-29	do	8.0	1.98	.....	15.9
8-21	do	8.1	1.38	.....	15.2
12- 3	**J. K. Rohrer	.....	.....	.....	12.0

\*\*U. S. R. S. measurements.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPOTTED TAIL CREEK, WET  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
1-12	T. C. Palmer	7.6	1.15	.....	8.7
2- 2	do	8.3	1.13	.....	9.3
2-17	do	7.1	1.63	.....	11.5
4-13	do	6.1	1.26	.....	7.7
4-30	do	3.8	1.26	.....	4.8
5-12	do	6.4	1.46	.....	9.2
6- 8	Palmer and Atkins	7.6	1.11	.....	8.4
6-22	T. C. Palmer	8.5	.79	.....	6.7
7- 7	do	9.1	.79	.....	7.2
8- 9	do	6.7	1.64	.....	11.0
8-20	do	8.3	2.23	.....	18.5
8-31	do	9.7	2.01	.....	19.5
9-28	do	9.7	1.77	.....	17.2
11- 9	do	33.3	.65	.....	21.6
11-30	do	35.4	.57	.....	20.3
12-19	do	28.4	.57	.....	16.2
<b>1922</b>					
1- 9	T. C. Palmer	20.4	0.45	.....	9.2
2- 6	do	28.0	.44	.....	15.3
3- 7	do	25.9	.53	.....	13.6
3-22	do	7.8	1.33	.....	10.3
*5- 3	do	11.5	1.51	.....	17.2
*5-24	do	9.0	1.64	.....	14.8
*6- 6	do	7.2	1.13	.....	8.1
*6-14	do	7.6	1.01	.....	7.7
*7-14	do	9.7	1.35	.....	13.1
*7-22	Palmer and Finley	9.3	1.51	.....	14.1
*8-24	T. C. Palmer	14.8	1.89	.....	28.1
*8-29	McPherren and Palmer	8.4	2.10	.....	17.7
*9-13	Palmer and Easterday	14.1	2.43	.....	34.4
*9-22	T. C. Palmer	9.7	1.58	.....	15.4
<b>1924</b>					
2-15	A. E. Johnston	3.9	2.43	.....	9.2
4-11	do	5.7	1.80	.....	10.5
5- 8	do	3.0	1.57	.....	4.7
6- 9	do	6.2	1.74	.....	10.8
7- 3	do	14.0	2.83	.....	39.7
7- 9	do	12.4	2.08	.....	25.9
7-26	C. G. Hrubesky	11.9	1.49	.....	17.7
8-29	A. E. Johnston	10.2	2.34	.....	23.8
9- 5	C. G. Hrubesky	16.9	2.19	.....	37.1
9-18	Atkins and Johnston	.....	.....	.....	37.1
10-15	A. E. Johnston	11.4	2.86	.....	32.6
10-30	do	13.3	2.22	.....	29.6
<b>1925</b>					
2- 3	A. E. Johnston	7.8	1.58	.....	12.2
3- 4	do	8.0	1.94	.....	15.5
4- 2	do	8.0	1.90	.....	15.2

\*Taken by Tri-State Canal.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPOTTED TAIL CREEK, WET  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1925</b>					
4-21	Johnston and Franklin	5.8	1.76	.....	10.2
5-20	A. W. Hall	7.9	1.74	.....	13.8
6- 5	do	9.3	1.87	.....	17.4
6-19	do	5.4	1.59	.....	8.6
7- 1	do	6.6	1.83	.....	12.1
7-10	Hall and Finley	9.1	2.07	.....	18.8
7-31	A. W. Hall	9.5	2.05	.....	19.5
9- 3	do	12.4	2.21	.....	27.4
9-30	A. E. Johnston	16.4	1.61	.....	36.4
10-20	do	13.8	2.34	.....	32.3
<b>1926</b>					
10- 5	A. E. Johnston	12.5	2.38	1.00	29.7
<b>1927</b>					
3-29	A. E. Johnston	6.0	1.93	0.60	11.6
4-26	do	8.9	2.06	.75	18.4
<b>SPOTTED TAIL CREEK, WET, AND KRONBERG SEEP</b>					
Sec. 6, Twp. 22, Rge. 55 W.					
<b>1924</b>					
1-16	A. E. Johnston	12.5	0.96	.....	12.0
1-30	do	9.1	1.17	.....	10.6
2-15	do	6.4	1.26	.....	8.1
3-20	do	6.3	1.34	.....	8.4
4- 9	do	6.7	1.74	.....	11.6
5- 9	do	7.0	1.68	.....	11.7
6-10	do	7.1	1.45	.....	10.3
7- 3	do	7.8	1.80	.....	14.0
7- 9	do	9.1	1.52	.....	13.9
7-26	C. G. Hrubesky	.....	.....	.....	10.8
8-11	do	.....	.....	.....	14.0
8-30	A. E. Johnston	9.1	1.31	.....	11.9
9- 5	C. G. Hrubesky	4.1	1.20	.....	4.9
10-15	A. E. Johnston	5.9	1.63	.....	9.6
10-30	do	9.8	1.29	.....	12.6
11-19	do	8.8	1.28	.....	11.3
12-17	do	9.1	6.53	.....	13.9
<b>1925</b>					
1- 8	A. E. Johnston	8.2	1.27	.....	10.4
2- 3	do	12.4	.95	.....	11.8
3- 4	do	7.5	1.36	.....	10.2
4- 3	do	7.1	1.60	.....	11.3
4-21	Johnston and Franklin	5.4	1.28	.....	6.9
5-20	A. W. Hall	2.8	.96	.....	2.7
6- 6	do	2.4	1.83	.....	4.4
6-19	do	2.5	1.08	.....	2.7
7- 3	do	3.1	1.16	.....	3.6
7-22	do	3.7	1.32	.....	4.9
7-31	do	4.1	1.68	.....	6.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPOTTED TAIL CREEK, WET, AND KRONBERG SEEP  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
9-30	A. E. Johnston	7.6	1.46	.....	11.1
10-20	do	13.8	1.10	.....	15.2
12- 2	do	9.1	1.47	.....	13.4
<b>1926</b>					
1-26	A. E. Johnston	7.2	1.81	.....	13.0
2-25	do	8.1	1.47	.....	11.9
3-17	A. W. Hall	.....	.....	.....	12.2
4- 8	do	5.9	1.57	.....	9.3
5- 5	do	7.7	1.19	0.88	9.2
5-19	do	8.0	1.34	.70	10.7
6-22	do	9.6	1.30	.84	12.5
7- 8	do	10.8	.96	.80	10.5
7-21	do	12.6	1.07	.85	11.8
8-13	do	12.1	1.29	2.05	15.6
8-26	do	10.0	1.14	.80	11.4
9-14	do	9.5	1.01	.85	9.6
10- 5	A. E. Johnston	9.5	1.37	.80	12.9
10-26	A. W. Hall	9.8	1.35	.87	13.2
11-16	do	8.4	1.48	.80	12.4
<b>1927</b>					
1- 5	A. W. Hall	7.4	1.61	0.60	12.0
1-26	do	7.1	1.69	.65	12.0
2-22	do	6.2	1.66	.65	10.3
3-11	do	8.3	1.59	.70	13.2
3-29	A. E. Johnston	5.7	1.51	.60	8.6
4-26	do	8.3	1.48	.55	12.3
5-12	A. W. Hall	7.1	1.45	.80	10.3
5-24	do	7.7	1.60	.55	12.3
7- 6	do	8.4	1.40	.65	11.8
8- 3	do	13.2	2.08	1.20	27.4
8-25	do	14.0	1.55	.80	21.7
10-18	C. E. Franklin	11.8	1.19	.....	14.1
11- 7	A. W. Hall	15.1	1.16	.90	17.5
11-22	do	11.3	1.56	.70	17.6
12- 6	do	6.9	2.00	.82	13.8
<b>1928</b>					
1-12	C. E. Franklin	8.6	1.53	1.60	13.2
2-10	A. W. Hall	6.5	1.83	.65	11.9
3-19	do	7.2	1.35	.75	9.7
4- 7	do	7.3	1.56	.75	11.4
4-19	do	7.0	1.58	.65	11.1
5-18	do	9.8	1.47	.70	14.4
8-15	do	11.2	1.30	.87	14.6
8-23	do	10.1	1.53	.80	15.4
10-16	do	13.4	1.51	.90	20.2
11-15	C. E. Franklin	12.2	1.47	.....	17.9
11-26	do	11.4	1.26	.....	14.4
12- 7	do	15.4	1.52	.....	23.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## SPRING BRANCH CREEK

Sec. 19, Twp. 14, Rge. 35 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
2- 2	A. E. Johnston	2.2	1.22	.....	2.7

## SPRING CREEK

Sec. 1, Twp. 8, Rge. 20 W.

1923					
11-28	A. E. Johnston	6.6	0.77	.....	5.1
1925					
3-16	A. E. Johnston	1.3	1.23	.....	1.6

## SPRING CREEK

Sec. 13, Twp. 1, Rge. 38 W.

1923					
8-28	E. F. Ketcham	0.0	0.0	.....	0.0

## SPRING CREEK

Sec. 25, Twp. 2, Rge. 40 W.

1924					
5-30	A. E. Johnston	0.6	0.06	.....	0.4

## SPRING CREEK

Sec. 9, Twp. 34, Rge. 18 W.

1926					
5- 8	A. E. Johnston	6.8	1.81	.....	12.3
6- 1	do	3.3	2.00	.....	6.6
7-10	do	4.6	1.74	.....	8.0
9-16	do	5.6	1.95	.....	10.9
1927					
5-31	A. E. Johnston	8.0	1.88	.....	15.1
9- 5	do	4.6	2.04	.....	9.4
9-23	do	4.5	1.87	.....	8.4
1928					
4- 6	A. E. Johnston	6.9	1.68	.....	11.6
5- 8	do	8.1	1.55	.....	12.5
7- 9	do	5.4	1.74	.....	9.4
10- 3	do	4.2	1.55	.....	6.5
12-24	do	6.7	.76	.....	5.1

## SPRING CREEK

Sec. 13, Twp. 32, Rge. 52 W.

1921					
3-16	Heywood and Palmer	3.0	0.39	.....	1.2
9- 8	Palmer and Heywood	1.6	.60	.....	.9
11- 2	T. C. Palmer	1.6	.95	.....	1.5
1922					
3-29	T. C. Palmer	1.6	0.85	.....	1.4
6- 1	A. E. Johnston	4.8	.98	.....	4.7
8- 2	A. H. Atkins	.9	.....	.....	.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SPRING CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
5- 4	Johnston and Heywood	0.9	0.78	.....	0.7
5-20	E. F. Ketcham	1.5	.54	.....	.8
6-28	do	1.9	.61	.....	1.2
7-20	A. H. Atkins	1.9	.55	.....	1.1
8- 5	E. F. Ketcham	2.4	.97	.....	2.3
9-14	A. H. Atkins	.2	.26	.....	.4
1924					
7-12	A. E. Johnston	.....	.....	.....	0.0
8-29	J. D. Heywood	1.4	0.43	.....	.6

SPRING CREEK  
Sec. 7, Twp. 32, Rge. 51 W.

1924					
7-30	A. E. Johnston	1.2	1.12	.....	1.4
1925					
5-21	J. D. Heywood	1.7	0.88	.....	1.5
5-26	A. E. Johnston	.8	.52	.....	.4
9- 9	do	1.2	.61	.....	.7
1928					
1-16	A. E. Johnston	5.1	0.35	.....	1.8
2- 7	do	2.5	.40	.....	1.0
4- 3	do	4.4	.43	.....	1.9
5- 3	do	3.7	.40	.....	1.5
7- 3	do	3.3	.42	.....	1.4
9-28	do	.....	.....	.....	.0
10-25	do	3.1	.81	.....	2.5

STEWARTS DRAIN  
Sec. 13, Twp. 23, Rge. 57 W.

1921					
1-12	T. C. Palmer	1.9	1.45	.....	2.8
2- 2	do	1.8	1.45	.....	2.7
2-17	do	2.6	1.16	.....	3.0
3- 8	do	1.6	1.07	.....	1.8
3-24	do	1.8	1.25	.....	2.3
4-12	do	1.1	1.95	.....	2.1
4-29	do	1.7	1.06	.....	1.8
5-11	do	1.7	.74	.....	1.3
6-22	do	1.0	1.00	.....	1.0
7- 6	do	2.4	1.20	.....	2.9
8- 8	do	2.5	1.61	.....	4.1
8-19	do	1.8	1.21	.....	2.1
8-30	do	1.5	.96	.....	1.5
9-27	do	2.1	1.05	.....	2.2
10- 6	do	2.5	.90	.....	2.2
10-27	do	1.7	1.13	.....	2.0
11- 8	do	2.0	.91	.....	1.8
11-30	do	1.5	.87	.....	1.3
12-19	do	1.7	1.23	.....	2.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

STEWARTS DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1-10	T. C. Palmer	1.8	0.62	.....	1.1
2-7	do	2.7	.93	.....	2.5
3-7	do	2.2	1.14	.....	2.5
3-21	do	2.0	.90	.....	1.8
4-7	do	1.1	1.70	.....	1.9
5-9	do	1.7	1.00	.....	1.7
5-24	do	1.4	1.07	.....	1.5
6-5	do	1.5	.80	.....	1.2
6-14	do	1.3	.92	.....	1.2
7-14	do	3.0	1.56	.....	4.1
7-21	do	2.1	1.00	.....	2.1
8-24	do	3.0	1.36	.....	4.1
8-31	do	2.1	1.61	.....	3.4
9-12	Palmer and Finley	2.3	1.04	.....	2.4
9-18	T. C. Palmer	2.8	1.39	.....	3.9
9-26	do	3.3	1.09	.....	3.6
12-27	A. E. Johnston	.....	.....	.....	1.4
<b>1923</b>					
6-17	E. F. Ketcham	1.30	1.90	.....	2.4
8-15	do	6.30	.97	.....	6.1
12-13	Johnston and Hall	1.75	.65	.....	1.1
<b>1924</b>					
1-16	A. E. Johnston	2.50	1.34	.....	3.3
1-30	do	2.90	.99	.....	2.8
2-15	do	1.15	.81	.....	.9
3-20	do	.825	.90	.....	.7
4-11	do	.90	.91	.....	.8
5-8	do	.825	.90	.....	.8
6-9	do	1.15	.93	.....	1.0
7-26	C. G. Hrubesky	2.35	.84	.....	2.0
9-5	do	3.60	1.19	.....	4.3
9-17	Atkins and Johnston	.....	.....	.....	2.0
10-15	A. E. Johnston	1.40	.72	.....	1.0
10-30	do	1.80	1.00	.....	1.8
11-20	do	1.60	1.12	.....	1.8
12-16	do	2.10	.55	.....	1.2
<b>1925</b>					
1-8	A. E. Johnston	2.2	1.22	.....	2.7
2-4	do	1.9	.90	.....	1.7
3-4	do	.5	1.00	.....	.6
4-2	do	1.5	.86	.....	1.3
4-23	Johnston and Franklin	.8	.62	.....	.5
5-20	A. W. Hall	.....	.....	.....	†1.0
6-19	do	5.0	.40	.....	2.1
7-1	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
7-31	do	.90	.52	.....	.4
9-3	do	.....	.....	.....	.9

†Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

STEWARTS DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
9-29	A. E. Johnston	2.60	.50	.....	1.3
10-21	do	1.35	.54	.....	.7
12- 3	do	3.00	.60	.....	1.9
<b>1926</b>					
1-27	A. E. Johnston	1.40	0.85	.....	1.2
2-24	do	1.00	.97	.....	.9
3-19	A. W. Hall	.93	.94	.....	.8
4- 8	do	1.33	1.11	.....	1.4
5- 5	do	.72	1.13	.....	.8
5-20	do	1.60	.94	.....	1.5
6- 3	do	1.40	1.14	.....	1.5
6-22	do	1.30	1.23	.....	1.6
7-22	do	.34	1.15	.....	.3
8-13	do	.79	.96	.....	.7
9-15	do	1.30	1.92	.....	2.4
10- 7	A. E. Johnston	.70	.71	.....	.5
10-27	A. W. Hall	2.20	.73	.....	1.6
<b>1927</b>					
2- 1	A. W. Hall	2.6	1.23	.....	3.2
2-23	do	2.0	1.40	.....	2.8
3-11	do	2.2	1.68	.....	3.7
3-30	A. E. Johnston	.....	.....	.....	1.2
4-25	do	2.4	1.08	.....	2.6
5-12	A. W. Hall	1.1	1.09	.....	1.2
5-26	do	3.6	.61	.....	2.2
6-17	do	3.1	2.00	.....	6.1
7- 8	do	1.9	1.32	.....	2.5
8- 5	do	2.4	2.16	.....	5.2
8-26	do	.....	.....	.....	.0
10-17	C. E. Franklin	2.2	.86	.....	1.8
11- 7	A. W. Hall	1.7	1.05	.....	1.8
11-23	do	1.7	.94	.....	1.6
12-11	C. E. Franklin	1.3	1.45	.....	1.9
<b>1928</b>					
1-12	C. E. Franklin	1.2	1.65	.....	2.0
2-11	A. W. Hall	.7	1.14	.....	.8
3-20	do	.8	.50	.....	1.6
4- 6	do	1.0	1.20	.....	1.2
4-20	do	1.5	1.80	.....	2.7
5- 3	do	.....	.....	.....	.0
5-17	do	1.2	1.41	.....	1.7
6-30	do	.6	1.30	.....	.8
8- 3	do	.....	.....	.....	†.5
8-16	do	.6	1.33	.....	.8
9- 7	do	.....	.....	.....	.0
9-25	do	1.0	1.20	.....	1.2
10-16	do	1.1	1.45	.....	1.6

† Estimated.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

STEWARTS DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
11-16	C. E. Franklin	1.8	.83	.....	1.5
11-27	do	2.1	1.00	.....	2.1
12- 6	do	2.4	1.00	.....	2.4

STINKING WATER CREEK  
Sec. 25, Twp. 5, Rge. 34 W.  
Near Palisade

1922					
6-24	T. C. Palmer	18.2	0.89	.....	16.2
1923					
1- 5	A. E. Johnston	17.0	1.57	.....	26.8
2- 6	do	8.0	1.82	.....	14.6
2-24	do	22.3	1.58	.....	35.3
3-22	do	21.1	1.82	.....	38.5
4-16	do	27.3	.94	.....	25.7
6- 5	do	31.0	1.83	.....	56.9
6-21	do	35.4	1.24	.....	44.0
7-19	do	28.0	1.03	.....	28.8
8- 4	do	24.9	1.09	.....	27.4
9-18	do	68.6	.37	.....	25.7
10-12	do	38.1	1.45	.....	55.3
12- 3	do	21.1	1.73	.....	36.6
1924					
2- 5	A. E. Johnston	9.7	0.67	.....	6.5
2-26	do	18.5	1.73	.....	32.0
4- 2	do	32.2	1.54	.....	49.9
4-28	do	21.8	1.46	.....	31.8
5-29	do	84.8	.27	.....	23.6
6-25	do	41.4	.42	.....	17.5
8- 7	do	51.7	.94	.....	48.6
9- 6	do	20.4	1.64	.....	12.5
1925					
2-17	A. E. Johnston	39.5	1.54	.....	60.7
3-20	do	33.2	1.78	.....	59.1
4-15	do	27.9	1.55	.....	43.4
5-16	C. E. Franklin	23.7	1.07	.....	25.4
5-16	do	4.8	1.64	.....	7.9
5-20	do	65.1	.81	.....	52.4
6- 9	do	87.0	.29	.....	25.4
6-24	do	19.3	2.29	.....	44.3
7-13	Franklin and Whitehead	10.1	1.48	.....	14.9
7-17	C. E. Franklin	11.0	1.26	.....	13.9
7-22	do	12.1	1.60	.....	19.4
7-25	do	11.3	1.56	.....	17.7
7-29	do	16.8	1.81	.....	30.5
7-30	do	21.1	2.00	.....	42.5
8- 8	do	12.7	1.60	.....	20.5
8-20	do	27.6	2.20	.....	60.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

STINKING WATER CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
9- 3	C. E. Franklin	12.8	1.53	.....	19.6
9-18	do	15.3	1.63	.....	25.0
10-12	A. E. Johnston	72.4	.45	.....	32.4
11-18	do	25.2	1.34	.....	33.9
<b>1926</b>					
2-17	A. E. Johnston	28.3	1.44	.....	39.4
3- 3	C. E. Franklin	24.2	1.35	.....	32.7
3-19	do	27.6	1.09	.....	30.2
3-31	do	25.1	1.09	.....	27.3
4-17	do	24.8	1.12	.....	27.8
5- 3	do	23.0	1.18	.....	27.1
5-15	do	25.1	1.27	.....	32.0
5-28	do	18.4	1.12	.....	20.6
6-15	do	13.6	1.20	.....	16.3
6-27	do	20.6	1.31	.....	26.9
7-14	do	13.6	1.73	.....	23.5
8- 8	do	7.4	1.46	.....	10.8
8-22	do	15.4	1.55	.....	23.8
10-14	A. E. Johnston	35.7	.66	.....	23.6
11- 5	do	37.7	.70	.....	26.6
<b>1927</b>					
3-29	C. E. Franklin	31.1	1.93	.....	59.6
4-18	do	77.2	1.58	.....	122.3
4-30	do	23.5	1.41	.....	47.0
5-15	do	38.4	1.14	.....	43.8
5-28	do	23.9	.93	.....	22.2
6-28	Franklin and Whitehead	28.4	1.22	.....	34.8
7- 9	C. E. Franklin	15.3	1.05	.....	16.2
7-23	do	9.8	.99	.....	9.7
8- 7	Franklin and Whitehead	18.9	1.51	.....	28.5
8-22	C. E. Franklin	14.3	1.36	.....	19.5
9- 6	do	14.7	1.15	.....	16.9
10- 2	do	21.1	1.25	.....	26.4
11- 4	do	16.9	2.04	.....	34.3
11-28	do	31.0	1.09	.....	23.9
12-20	do	21.2	1.03	.....	21.8
<b>1928</b>					
1-22	C. E. Franklin	55.5	0.71	.....	39.4
2-12	do	21.5	2.43	.....	53.1
3- 6	do	29.6	1.39	.....	41.2
3-22	do	47.2	1.43	.....	67.4
4-10	do	28.3	1.36	.....	38.5
6-24	do	44.1	1.37	.....	60.7
7-27	do	69.5	2.32	.....	161.2
8-15	do	30.2	1.19	.....	36.1
9- 8	do	114.0	.33	.....	37.2
9-20	do	109.5	2.50	.....	27.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

STINKING WATER CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
10- 1	C. E. Franklin	92.0	.29	.....	27.1
10-19	do	113.3	.57	.....	64.1
11- 4	do	34.4	1.97	.....	67.8
11-21	do	28.3	1.68	.....	47.5
12-19	do	30.7	1.40	.....	42.9

STINKING WATER CREEK  
Sec. 9, Twp. 5, Rge. 34 W.

1923					
6- 5	Johnston and Krotter	38.3	1.42	.....	54.6
6-21	A. E. Johnston	22.3	1.79	.....	39.9
1926					
5-28	C. E. Franklin	20.7	1.23	.....	23.2
6-15	do	17.6	1.29	.....	22.5
6-27	do	17.0	1.06	2.50	18.2
7-14	do	15.4	1.12	1.52	17.3
8- 8	do	10.4	.85	1.50	8.9
8-22	do	15.4	1.07	2.30	16.5
1927					
3-29	C. E. Franklin	47.4	1.24	3.45	59.0
4-18	do	71.2	1.92	.....	137.4
4-30	do	34.5	1.23	3.35	42.7
5-15	do	31.8	1.20	3.52	38.0
5-28	do	21.3	1.06	2.60	22.7
7- 9	do	19.0	.99	1.20	18.9
7-23	do	18.6	1.06	1.12	19.8
8- 7	Franklin and Whitehead	17.4	1.20	2.40	20.8
8-22	C. E. Franklin	17.6	1.08	2.10	19.2
10- 2	do	21.3	1.20	2.75	25.6
11- 4	do	26.0	1.27	2.85	33.0
11-28	do	28.7	1.18	3.10	33.9
12-20	do	20.0	1.14	2.90	22.4
1928					
3- 6	C. E. Franklin	30.8	1.55	3.25	47.8
3-22	do	36.1	1.37	3.68	49.6
4-10	do	28.5	1.12	3.20	32.0
5-20	do	92.5	1.49	.....	137.7
7-12	do	53.2	1.71	4.80	91.1

SOU BELLY CREEK  
Sec. 33, Twp. 33, Rge. 55 W.

1924					
7-31	Johnston and Heywood	2.2	1.10	.....	2.4
7-31	A. E. Johnston	6.2	.48	.....	3.0
9-23	Johnston and Heywood	1.6	.94	.....	1.5
10-14	J. D. Heywood	.....	.....	.....	3.4

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SOU BELLY CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
8-16	A. E. Johnston	1.2	1.42	.....	1.7
9-26	do	2.0	1.00	.....	2.0
10-24	do	2.0	1.00	.....	2.0

SOU BELLY CREEK  
Sec. 34, Twp. 33, Rge. 55 W.

1925					
5-22	J. D. Heywood	1.9	1.32	.....	2.5
8-15	do	.....	.....	.....	1.8
1927					
6-21	A. E. Johnston	2.4	1.41	.....	3.4

SOU BELLY CREEK  
Sec. 7, Twp. 32, Rge. 55 W.

1921					
3-18	Palmer and Heywood	1.6	1.46	.....	2.3
1922					
3-31	Palmer and Heywood	1.6	2.31	.....	3.7

SQUAW CREEK  
Sec. 12, Twp. 31, Rge. 52 W.

1922					
1-23	Palmer and Heywood	0.5	0.40	.....	0.2
1923					
8- 6	E. F. Ketcham	9.1	1.12	.....	10.2
1924					
8-20	A. E. Johnston	0.0	0.45	.....	0.0
1927					
12-20	A. E. Johnston	2.1	0.38	.....	0.9
1928					
2- 7	A. E. Johnston	1.5	0.86	.....	1.3
3-28	A. W. Hall	3.2	.50	.....	1.6
5- 3	A. E. Johnston	1.6	1.06	.....	1.7
7- 3	do	1.3	.84	.....	1.1
8-16	do	1.2	.65	.....	.8
9-27	do	9.0	.89	.....	.8
10-24	do	1.1	1.00	.....	1.1
12-20	do	1.7	.47	.....	.8

SQUAW CREEK  
Sec. 1, Twp. 31, Rge. 52 W.

1927					
12-20	A. E. Johnston	1.1	1.00	.....	1.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

SQUAW CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
1-16	A. E. Johnston	1.5	1.33	.....	2.0
2- 7	do	1.2	1.00	.....	1.2
3-28	A. W. Hall	.6	.83	.....	.5
5- 3	A. E. Johnston	2.3	1.21	.....	2.8
7- 3	do	.2	.50	.....	.1
8-16	do	.5	1.00	.....	.5
9-27	do	.9	.50	.....	.5
10-24	do	.4	.18	.....	.1

THOMPSON CREEK  
Sec. 2, Twp. 1, Rge. 13 W.

<b>1923</b>					
8-20	A. E. Johnston	7.5	1.48	.....	11.1
<b>1924</b>					
6-23	A. E. Johnston	6.9	1.67	.....	11.5
<b>1925</b>					
3-18	A. E. Johnston	13.7	1.93	.....	26.4
10- 9	do	11.9	1.95	.....	23.3
<b>1926</b>					
3-12	A. E. Johnston	8.4	1.98	.....	16.7
6- 8	do	7.5	2.13	.....	16.0
10-16	do	10.5	2.30	.....	24.4
<b>1927</b>					
5-17	A. E. Johnston	17.0	1.41	.....	24.0
6- 6	do	17.9	1.32	.....	23.6
7-11	do	12.5	1.44	.....	18.8
8-17	do	18.8	1.93	.....	36.3
10-25	do	11.8	2.01	.....	23.7
12- 6	do	17.8	1.39	.....	24.7
<b>1928</b>					
3-21	A. E. Johnston	14.7	1.55	.....	22.8
5-17	do	13.1	1.58	.....	20.7
6-22	do	18.4	1.53	.....	28.1

TIMBER CREEK, BIG  
Sec. 32, Twp. 1, Rge. 37 W.

<b>1926</b>					
5-18	C. E. Franklin	1.2	0.57	.....	0.7
5-27	do	1.4	.53	.....	.7
6-16	do	1.2	2.22	.....	.5
7-15	do	.7	.73	.....	.5
8- 9	do	.4	.92	.....	.4
8-21	do	.4	.77	.....	.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TIMBER CREEK, BIG  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-31	C. E. Franklin	1.6	0.75	.....	1.2
5- 3	do	2.4	.32	.....	.7
7-14	do	.9	.71	.....	.6
8-26	do	.8	.64	.....	.5
9- 8	do	.6	.83	.....	.5
11-10	do	1.0	.90	.....	.9
12- 5	do	1.0	.50	.....	.5
12-23	do	1.6	.81	.....	1.4
<b>1928</b>					
1-25	Franklin and Whitehead	1.1	0.75	.....	0.8
2-15	C. E. Franklin	1.8	.52	.....	.9
3- 9	do	1.4	.89	.....	1.2
3-24	do	1.6	.79	.....	1.3
4-13	do	1.0	.50	.....	.5
5-24	do	2.2	.87	.....	1.9
6-18	do	1.8	.89	.....	1.6
7- 9	do	2.6	1.08	.....	2.8
7-30	do	5.2	1.08	.....	5.6
8-18	do	.....	.....	.....	1.0
9-12	do	1.6	.81	.....	1.3
9-21	do	.8	.77	.....	.7
10-23	do	1.1	.66	.....	.7
11- 3	do	1.6	.75	.....	1.2

## TOOHEY DRAIN

Sec. 20, Twp. 23, Rge. 56 W.

<b>1921</b>					
1-12	T. C. Palmer	2.8	1.11	.....	3.2
2- 2	do	2.6	1.13	.....	2.9
2-17	do	2.9	.93	.....	2.8
3- 8	do	2.5	1.16	.....	2.9
3-24	do	2.9	1.04	.....	3.0
4-12	do	3.1	.84	.....	2.6
4-29	do	2.4	1.03	.....	2.5
5-11	do	2.5	1.18	.....	2.9
6- 8	Palmer and Atkins	3.1	1.39	.....	4.3
6-21	T. C. Palmer	2.7	.81	.....	2.2
7- 6	do	2.8	1.04	.....	2.9
8- 9	do	3.0	1.28	.....	3.9
8-19	do	2.3	.90	.....	2.1
8-30	do	2.9	1.53	.....	4.4
9-27	do	3.6	1.45	.....	5.2
10- 6	do	3.7	1.46	.....	5.4
10-27	do	2.8	1.14	.....	3.2
11- 8	do	3.2	1.10	.....	3.5
11-30	do	3.1	1.36	.....	4.2
12-19	do	3.1	1.01	.....	3.1



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TOOHEY DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
1-10	T. C. Palmer	2.7	0.94	.....	2.5
2- 7	do	3.1	.92	.....	2.8
3- 7	do	2.3	1.48	.....	3.4
3-22	do	1.9	.92	.....	1.8
4- 6	do	2.2	.87	.....	1.9
5- 3	do	1.9	1.21	.....	2.3
5- 9	do	2.0	.80	.....	1.6
5-24	do	1.8	1.16	.....	2.1
6- 6	do	3.0	1.03	.....	3.1
6-14	do	5.4	1.25	.....	6.8
7-14	do	4.7	1.08	.....	5.1
7-21	do	4.5	1.17	.....	5.3
8-24	do	3.5	1.11	.....	3.9
8-31	do	3.9	1.17	.....	4.6
9-13	Palmer and Finley	3.7	1.56	.....	5.8
9-18	T. C. Palmer	3.7	1.27	.....	4.7
9-26	do	3.7	1.32	.....	4.9
10- 4	A. E. Johnston	.....	.....	.....	.0
11-16	do	.....	.....	.....	17.5
12-15	do	.....	.....	.....	18.9
12-27	do	.....	.....	.....	3.5
<b>1923</b>					
5-10	Johnston and Ketcham	1.5	0.89	.....	1.3
5-30	E. F. Ketcham	1.2	.73	.....	.9
6-17	do	3.1	1.05	.....	3.3
8-15	do	5.2	1.99	.....	10.3
<b>1924</b>					
1-16	A. E. Johnston	3.1	1.70	.....	3.3
1-30	do	2.6	.95	.....	2.5
2-15	do	3.9	.98	.....	3.8
3-20	do	2.7	.88	.....	2.4
4-11	do	1.9	1.09	.....	2.1
5- 8	do	2.6	1.35	.....	3.5
6- 9	do	4.5	.85	.....	3.8
7- 2	do	5.7	.86	.....	4.9
7- 8	do	9.5	1.16	.....	11.1
7-26	C. G. Hrubesky	7.5	.23	.....	1.7
9- 5	do	7.8	1.03	.....	8.0
9-18	Atkins and Johnston	.....	.....	.....	7.4
10-15	A. E. Johnston	4.2	1.16	.....	4.9
10-30	do	5.8	1.17	.....	6.8
11-20	do	4.4	1.34	.....	5.9
12-16	do	.....	.....	.....	.0
<b>1925</b>					
1- 8	A. E. Johnston	3.3	1.03	.....	3.4
2- 3	do	3.4	1.15	.....	3.9
3- 4	do	2.3	1.00	.....	2.3
4- 2	do	6.0	.72	.....	4.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TOOHEY DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
4-23	Johnston and Franklin	2.4	.50	.....	1.2
6- 5	A. W. Hall	6.0	.39	.....	2.3
7- 1	do	10.3	.55	.....	5.5
7-22	do	7.5	.52	.....	3.9
9- 3	do	5.0	.80	.....	3.9
9-29	A. E. Johnston	5.2	1.23	.....	6.4
10-21	do	5.6	.81	.....	4.5
12- 3	do	3.7	.88	.....	3.2
<b>1926</b>					
1-27	A. E. Johnston	4.3	1.00	.....	4.3
2-24	do	3.3	1.18	.....	3.9
3-18	A. W. Hall	2.9	1.01	.....	2.9
4- 8	do	2.7	1.00	.....	2.7
5- 5	do	1.8	.83	.....	1.5
5-20	do	4.2	.52	.....	2.2
6- 3	do	2.3	.33	.....	.8
6-22	do	1.4	1.28	.....	1.8
7- 8	do	4.6	.82	0.70	3.8
7-22	do	4.7	1.30	.70	6.1
8-13	do	6.8	1.09	.85	7.4
8-26	do	6.0	1.73	.85	10.4
9-15	do	6.9	.87	1.10	6.0
10- 7	A. E. Johnston	4.8	1.31	.....	6.3
10-26	A. W. Hall	6.6	.75	.....	5.0
<b>1927</b>					
1- 6	A. W. Hall	6.8	0.90	0.30	6.1
2- 1	do	3.3	1.10	.90	3.7
2-23	do	2.4	2.81	.40	4.6
3-10	do	2.3	1.09	.40	2.5
3-30	A. E. Johnston	1.9	1.36	.....	2.6
4-25	do	6.6	1.73	.....	11.4
5-12	A. W. Hall	3.4	1.20	.....	4.1
5-26	do	1.0	.90	.20	.9
6-17	do	2.4	1.67	.50	4.0
7- 8	A. W. Hall	2.8	1.28	.55	3.6
8- 4	do	5.4	1.54	.85	8.3
8-25	do	3.3	1.51	.70	5.0
10-17	C. E. Franklin	5.4	1.09	.....	5.9
11- 7	A. W. Hall	4.6	1.13	.....	5.2
11-23	do	4.4	1.00	.70	4.4
12-10	C. E. Franklin	4.2	1.00	.62	4.2
<b>1928</b>					
1-12	C. E. Franklin	3.6	1.11	0.50	3.8
2-11	A. W. Hall	2.1	1.05	.30	2.2
3-20	do	2.4	1.08	.70	2.6
4- 6	do	1.4	1.71	.....	2.4
4-18	do	1.6	1.44	.30	2.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TOOHEY DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5- 3	A. W. Hall	1.9	1.26	.....	2.4
5-17	do	2.2	1.22	.....	2.7
6-30	do	2.4	1.16	.....	2.8
7- 7	do	2.5	1.76	.....	4.4
8- 3	do	5.5	1.42	.....	7.8
8-16	do	4.7	1.48	.....	7.0
9- 7	do	5.2	1.19	.....	6.2
9-25	do	5.3	1.34	.....	7.1
10-16	do	4.9	1.75	.....	8.6
11-15	C. E. Franklin	3.3	1.24	.....	4.1
11-27	do	2.8	1.00	.....	2.8
12- 6	do	3.6	.89	.....	3.2

## TOOHEY SPILLWAY

Sec. 19, Twp. 23, Rge. 56 W.  
From Tri-State Canal

<b>1921</b>					
4-19	T. C. Palmer	51.0	2.69	5.50	137.2
4-29	do	36.3	2.04	5.20	74.3
<b>1923</b>					
1-24	A. E. Johnston	15.5	0.78	.....	12.1
2-15	do	20.3	.70	.....	16.4
3- 8	do	15.5	.61	.....	9.5
4- 4	do	17.6	.72	.....	12.6
4-26	do	15.0	.71	.....	10.7
5-10	Johnston and Ketcham	18.1	.64	.....	11.5
5-30	E. F. Ketcham	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7-10	A. E. Johnston	.....	.....	.....	.0
7-27	do	.....	.....	.....	.0
8-15	E. F. Ketcham	.....	.....	.....	.0
8-27	A. E. Johnston	.....	.....	.....	.0
9-18	A. H. Atkins	.....	.....	.....	.0
9-22	do	.....	.....	.....	.0
10-25	A. E. Johnston	26.7	.74	.....	20.0
11- 6	A. H. Atkins	11.9	1.55	.....	18.5
11-16	A. E. Johnston	23.2	.74	.....	17.3
11-20	A. H. Atkins	26.4	2.98	.....	52.3
12- 3	do	13.5	1.53	.....	20.7
12- 4	do	12.0	1.47	.....	17.7
12-13	Johnston and Hall	25.1	.72	.....	18.1
12-27	A. E. Johnston	23.2	.75	.....	17.5
<b>1924</b>					
1-16	A. E. Johnston	25.2	0.69	.....	17.4
1-30	do	24.3	.65	.....	15.9
2-15	do	22.3	.76	.....	16.9
3-20	do	21.3	.60	.....	12.9
4-11	do	23.4	.52	.....	12.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TOOHEY SPILLWAY  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
5- 8	A. E. Johnston	16.1	1.17	.....	18.9
6- 9	do	.....	.....	.....	.0
7- 2	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
7-26	C. G. Hrubesky	.....	.....	.....	.0
8-29	A. E. Johnston	.....	.....	.....	.0
9- 5	C. G. Hrubesky	.....	.....	.....	.0
9-17	A. E. Johnston	.....	.....	.....	.0
10-15	do	.....	.....	.....	.0
10-30	do	24.0	.89	.....	21.3
11-20	do	21.7	.87	.....	18.9
<b>1925</b>					
1- 8	A. E. Johnston	21.1	0.72	.....	15.3
2- 4	do	21.6	.65	.....	14.1
3- 4	do	22.3	.53	.....	11.9
4- 2	do	24.8	.73	.....	18.2
4-23	Johnston and Franklin	17.3	.54	.....	9.4
6- 5	A. W. Hall	.....	.....	.....	.0
6-19	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-29	A. E. Johnston	.....	.....	.....	.0
10-21	do	18.4	.98	.....	18.0
12- 3	do	21.2	.88	.....	18.6
<b>1926</b>					
1-27	A. E. Johnston	22.3	0.85	.....	19.0
2-24	do	22.2	.68	.....	13.8
3-18	A. W. Hall	29.0	.63	4.45	18.3
4- 8	do	22.9	.59	4.35	13.5
5- 5	do	.....	.....	.....	.0
5-20	do	28.9	.87	4.60	25.9
6- 3	do	.....	.....	.....	.0
6-22	do	32.6	.62	4.60	20.3
7-22	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
10- 7	A. E. Johnston	19.4	1.05	.....	20.4
10-26	A. W. Hall	23.5	.73	4.50	17.5
<b>1927</b>					
1- 6	A. W. Hall	22.5	0.75	4.45	16.3
1-26	do	2.8	2.56	.....	7.2
2- 1	do	22.7	.74	4.45	16.3
2-23	do	.....	.....	4.45	17.7
3-30	A. E. Johnston	19.4	.80	.....	15.5
4-25	do	13.5	1.22	.....	16.3
5-12	A. W. Hall	20.0	.68	4.50	13.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TOOHEY SPILLWAY  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5-26	A. W. Hall	.....	.....	0.00	0.0
6-17	do	.....	.....	.00	.0
7- 8	do	.....	.....	.....	.0
8- 4	do	.....	.....	.00	.0
10-17	A. E. Franklin	18.2	1.42	.....	25.9
11- 7	A. W. Hall	16.1	1.00	4.55	16.2
12-11	C. E. Franklin	23.2	1.25	.....	28.9
<b>1928</b>					
1-12	C. E. Franklin	16.6	0.85	.....	14.2
2-11	A. W. Hall	16.1	.67	4.55	10.8
3-20	do	19.7	.72	4.50	14.2
4- 6	do	24.7	.84	4.45	20.8
4-18	do	21.9	1.06	4.40	23.2
5- 3	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
7- 7	do	.....	.....	3.90	2.0
8- 3	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
9-25	do	.....	.....	.....	.0
10-16	do	.....	.....	.....	.0
11-16	C. E. Franklin	28.0	.90	.....	25.0
11-27	do	6.6	4.16	.....	27.5
12- 6	do	4.8	4.75	.....	22.8

TRUNK BUTTE CREEK  
Sec. 36, Twp. 33, Rge. 50 W.

<b>1925</b>					
5- 1	A. E. Johnston	1.0	0.40	.....	0.4
<b>1926</b>					
3-23	A. E. Johnston	1.8	0.72	.....	1.3
4-14	do	2.1	.48	.....	1.0
5- 5	do	2.5	.44	.....	1.1
5-26	do	1.9	.25	.....	.5
7- 7	do	2.8	.96	.....	2.8
<b>1927</b>					
2- 3	A. W. Hall	.....	.....	.....	1.5
4-29	A. E. Johnston	6.5	1.11	.....	7.3
5-25	do	7.2	1.05	.....	7.6
8- 1	do	1.2	1.75	.....	2.1
9-21	do	3.0	.43	.....	1.3
11- 3	do	2.0	.95	.....	1.9
11-22	do	2.5	.95	.....	2.4
<b>1928</b>					
4- 3	A. E. Johnston	3.2	0.78	.....	2.5
7- 3	do	1.8	.09	.....	.2
8-17	do	1.8	.83	.....	1.5
9-28	do	.8	.38	.....	.3
10-25	do	1.0	.60	.....	.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TUB SPRINGS  
Sec. 8, Twp. 22, Rge. 55 W.  
To River

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1921</b>					
1-12	T. C. Palmer	11.8	2.62	.....	30.9
2- 2	do	12.5	3.01	.....	37.8
2-17	do	13.9	2.66	.....	37.1
3- 8	do	11.2	3.20	.....	36.0
3-24	do	12.8	2.81	.....	36.1
4-12	do	10.1	2.46	.....	24.9
4-29	do	11.0	3.40	.....	37.4
5-11	do	11.3	3.62	.....	41.0
6- 8	Palmer and Atkins	8.3	4.28	.....	35.5
6-21	T. C. Palmer	13.4	3.90	.....	52.3
7- 6	do	12.7	3.45	.....	43.7
7-12	**J. K. Rohrer	.....	.....	.....	33.0
8- 9	T. C. Palmer	3.9	2.34	.....	9.2
8-19	do	2.1	1.87	.....	3.9
8-30	do	6.9	2.70	.....	18.6
9-27	do	10.5	2.74	.....	28.7
10- 6	do	14.3	3.31	.....	47.3
10-27	do	14.9	3.30	.....	49.2
11- 8	do	12.1	4.18	.....	50.8
11-30	do	12.2	3.26	.....	39.8
12-19	do	10.7	3.40	.....	36.1
<b>1922</b>					
1- 9	T. C. Palmer	1.0	3.49	.....	3.4
2- 7	do	1.5	3.07	.....	4.5
3- 7	do	1.4	2.62	.....	3.6
3-22	do	1.6	3.19	.....	5.0
4- 6	do	1.3	3.20	.....	4.2
5- 3	do	1.4	3.20	.....	4.3
5-10	do	1.4	2.65	.....	3.8
6- 6	do	.4	1.85	.....	.7
6-14	do	.3	.82	.....	.2
7-14	do	1.2	2.46	.....	2.9
7-21	do	.6	1.87	.....	1.0
8-24	do	.7	1.74	.....	1.2
8-31	do	1.8	2.75	.....	4.9
9-13	Palmer and Easterday	.7	.94	.....	.7
9-18	T. C. Palmer	1.0	.78	.....	.8
9-26	do	.5	1.15	.....	.6
10- 4	A. E. Johnston	.....	.....	.....	.8
12-15	do	.....	.....	.....	.6
12-27	do	.....	.....	.....	.4
<b>1923</b>					
1-24	A. E. Johnston	7.7	4.53	.....	34.9
2-16	do	9.5	4.83	.....	45.9
3- 9	do	6.7	6.08	.....	40.8
4- 5	do	9.6	3.68	.....	35.2
4-27	do	10.0	2.22	.....	22.3

\*\*U. S. R. S. measurements.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TUB SPRINGS, TO RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-11	Ketcham and Johnston	8.4	3.15	.....	26.4
6-18	E. F. Ketcham	15.1	3.61	.....	54.5
7-10	A. E. Johnston	6.7	2.11	.....	14.2
7-26	do	13.7	3.96	.....	54.3
8-16	E. F. Ketcham	18.1	4.35	.....	78.8
8-27	A. E. Johnston	7.6	.25	.....	1.9
10- 2	do	16.2	4.04	.....	65.9
10- 9	A. H. Atkins	11.4	2.84	.....	32.4
10-26	A. E. Johnston	14.3	4.07	.....	58.5
11- 2	A. H. Atkins	13.4	3.74	.....	50.2
11- 5	do	11.8	4.68	.....	50.6
11- 6	do	12.3	4.97	.....	61.1
11-16	A. E. Johnston	12.9	4.45	.....	57.5
11-19	A. H. Atkins	9.4	3.69	.....	34.7
12- 3	do	9.9	3.90	.....	38.7
12- 4	do	10.4	3.84	.....	39.9
12-12	Johnston and Hall	10.5	3.35	.....	35.2
<b>1924</b>					
1-16	A. E. Johnston	10.5	3.05	.....	32.1
1-30	do	10.5	1.99	.....	20.9
2-15	do	10.5	3.27	.....	34.4
3-20	do	10.6	2.84	.....	30.1
4- 9	do	10.5	2.88	.....	30.3
5- 9	do	10.5	3.10	.....	32.6
6-10	do	12.6	4.01	.....	50.6
7- 3	do	13.1	3.99	.....	52.4
7- 9	do	5.7	1.96	.....	11.2
7-25	C. G. Hrubesky	4.3	1.92	.....	8.4
8-30	A. E. Johnston	13.5	2.59	.....	34.9
9- 4	C. G. Hrubesky	21.2	1.33	.....	28.3
9-18	Atkins and Johnston	.....	.....	.....	97.0
10-15	A. E. Johnston	16.3	5.24	.....	65.4
10-30	do	15.4	5.00	.....	76.7
11-19	do	15.2	3.86	.....	58.7
12-17	do	.....	.....	.....	.0
<b>1925</b>					
1- 8	A. E. Johnston	10.5	3.68	.....	38.6
2- 3	do	11.6	3.30	.....	38.2
3- 4	do	11.6	3.01	.....	35.0
4- 3	do	10.5	3.36	.....	35.4
4-21	Johnston and Franklin	10.5	2.81	.....	29.5
5- 5	A. W. Hall	11.5	1.92	.....	22.1
5-20	do	15.0	3.75	.....	56.2
6- 4	do	10.8	1.92	.....	20.7
6-19	do	11.0	2.69	.....	29.6
7- 1	do	4.5	1.44	.....	6.5
7-11	Hall and Finley	12.3	3.23	.....	39.7
7-22	A. W. Hall	16.0	3.45	.....	55.5
7-31	do	13.8	3.48	.....	47.9
9- 2	do	11.9	3.18	1.03	37.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TUB SPRINGS, TO RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
9-30	A. E. Johnston	20.4	5.40	.....	110.0
10-20	do	24.8	3.31	.....	82.1
11-14	do	24.4	2.70	.....	65.7
12- 2	do	21.9	2.66	.....	58.6
<b>1926</b>					
1-26	A. E. Johnston	19.5	2.10	.....	41.0
2-25	do	18.1	1.95	.....	35.4
3-17	A. W. Hall	9.7	2.88	1.00	27.9
4- 8	do	10.1	2.96	1.00	29.9
5- 5	do	10.3	2.90	.90	29.8
5-19	do	8.8	2.25	.80	25.5
6- 4	do	13.9	5.20	1.20	72.3
6-22	do	15.0	3.20	.....	48.1
7- 8	do	7.8	1.69	.85	13.2
7-21	do	15.1	2.08	.95	32.8
8-12	do	11.3	1.71	.65	19.4
8-26	do	12.0	1.53	.....	18.3
9-14	do	36.8	1.10	1.15	40.7
10- 5	A. E. Johnston	33.7	2.48	1.00	83.2
10-26	A. W. Hall	15.9	2.15	.95	34.2
11-16	do	17.2	1.86	.55	32.2
<b>1927</b>					
1- 5	A. W. Hall	16.5	2.81	0.55	46.4
1-26	do	14.3	2.40	.40	34.4
2-22	do	11.8	2.51	.35	30.8
3-10	do	13.6	2.33	.40	39.9
3-29	A. E. Johnston	15.7	2.26	.60	35.4
4-26	do	17.8	2.44	.70	43.5
5-12	A. W. Hall	11.9	2.48	.30	29.6
5-24	do	15.7	.90	.55	14.1
6-15	do	23.2	3.31	.90	77.0
7- 6	do	23.4	2.40	.55	56.3
8- 3	do	41.8	3.80	1.05	15.8
8-25	do	13.8	2.26	.10	31.2
10-18	C. E. Franklin	27.6	2.64	.....	73.1
11- 7	A. W. Hall	24.8	2.34	.25	57.9
11-22	do	20.8	2.64	.20	55.1
12- 6	do	31.7	1.99	.30	63.3
<b>1928</b>					
1-12	C. E. Franklin	21.6	2.00	0.10	43.3
2-10	A. W. Hall	16.0	2.30	.90	33.3
3-19	do	15.1	2.12	.90	32.2
4- 7	do	9.6	2.44	.05	23.4
4-19	do	11.0	2.52	.20	27.8
5- 5	do	16.0	2.05	.90	32.8
5-18	do	26.4	2.74	.....	72.5
7- 5	do	6.3	1.12	.40	7.1
8-28	do	22.4	2.52	.....	56.6
10-16	do	15.6	2.81	.....	43.9



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TUB SPRINGS, TO RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
11-15	C. E. Franklin	37.9	2.59	.....	98.2
11-26	do	21.2	3.04	2.00	64.5
12- 7	do	30.5	1.87	2.00	57.0

TUB SPRINGS  
Sec. 33, Twp. 23, Rge. 55 W.

<b>1924</b>					
8-11	C. G. Hrubesky	16.7	1.00	.....	16.9
9- 4	do	.....	.....	.....	42.3
<b>1925</b>					
5-20	A. W. Hall	32.1	1.38	.....	44.2
6- 4	do	37.6	.59	.....	22.1
6-19	do	24.8	.96	.....	23.8
<b>1926</b>					
5-19	A. W. Hall	47.3	0.82	1.70	39.0
6- 4	do	24.0	1.60	.60	38.5
7-10	do	35.0	1.69	.....	59.1
7-21	do	26.7	1.18	.....	31.6
8-26	do	24.0	1.43	.....	34.4
<b>1927</b>					
5-24	A. W. Hall	27.9	1.06	.....	29.7
7- 6	do	33.5	1.67	.....	55.9
8- 3	do	38.0	2.08	.....	79.1
8-25	do	48.2	1.75	.....	84.7
<b>1928</b>					
7- 5	A. W. Hall	41.2	1.68	.....	69.2
8-15	do	15.1	3.26	.....	49.2
8-23	do	23.6	1.16	.....	27.5
8-28	do	33.1	1.85	.....	61.2

TUCKER CREEK  
Sec. 34, Twp. 31, Rge. 54 W.

<b>1927</b>					
8-31	A. E. Johnston	0.2	0.64	.....	0.1

TURKEY CREEK  
Sec. 31, Twp. 4, Rge. 21 W.

<b>1923</b>					
9-17	A. E. Johnston	17.4	2.33	.....	40.7
8-16	do	20.6	3.41	.....	70.3
10-15	do	6.0	.23	.....	1.0
11-30	do	7.0	.42	.....	3.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TURKEY CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
2-28	A. E. Johnston	8.3	0.47	.....	3.9
4- 1	do	9.9	.49	.....	4.9
4-26	do	8.7	.33	.....	2.9
5-28	do	7.6	.29	.....	2.2
6-24	do	5.1	.18	.....	.9
9- 8	do	3.2	.50	.....	1.6
<b>1925</b>					
3-19	A. E. Johnston	10.3	0.45	.....	4.6
4-13	do	6.0	.70	.....	4.2
10- 9	do	5.3	.38	.....	2.0
<b>1926</b>					
2-16	A. E. Johnston	7.8	0.55	.....	4.3
10-15	do	2.8	.46	.....	1.3
11- 6	do	6.8	.34	.....	2.3

TURKEY CREEK  
Sec. 8, Twp. 1, Rge. 16 W.

<b>1923</b>					
1- 6	A. E. Johnston	8.2	1.37	.....	11.3
<b>1924</b>					
6-23	A. E. Johnston	10.6	1.51	.....	16.1
<b>1925</b>					
3-18	A. E. Johnston	13.0	1.23	.....	14.9
10- 9	do	12.5	1.23	.....	15.4
<b>1926</b>					
10-16	A. E. Johnston	12.3	1.46	.....	18.0
<b>1927</b>					
7-12	A. E. Johnston	8.5	1.18	.....	10.0
8-11	Franklin and Whitehead	9.2	1.26	.....	11.6
8-18	A. E. Johnston	10.7	1.50	.....	16.1
10-25	do	10.0	1.59	.....	15.9
12- 7	do	9.4	1.79	.....	16.8
<b>1928</b>					
3-22	A. E. Johnston	13.9	1.36	.....	18.9
5-17	do	14.0	1.70	.....	23.8
6-22	do	13.3	1.21	.....	16.1

TURTLE CREEK  
Sec. 31, Twp. 20, Rge. 14 W.

<b>1925</b>					
5-12	A. E. Johnston	3.3	0.97	.....	3.2
<b>1926</b>					
5-10	A. E. Johnston	1.9	1.42	.....	2.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

TURTLE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
3-14	A. E. Johnston	4.6	1.06	.....	4.9
12-11	do	3.4	.82	.....	2.8

VICTORIA CREEK  
Sec. 1, Twp. 19, Rge. 21 W.

1927					
4-13	A. E. Johnston	.....	.....	.....	30.6
5- 9	do	10.6	1.22	.....	12.9
6- 9	do	7.7	1.28	.....	9.9
7- 5	do	.8	1.00	.....	.8
8-12	do	.9	.97	.....	.9
9- 9	do	7.6	1.15	.....	8.8
9-30	do	9.4	1.03	.....	9.8
10-21	do	12.9	.94	.....	12.1
11-11	do	5.8	1.46	.....	8.5
12- 1	do	9.4	1.16	.....	10.9
1928					
1-27	A. E. Johnston	.....	.....	0.20	4.8
2-17	do	8.2	1.41	.....	11.6
3-13	do	11.4	.95	.....	10.8
4-18	do	9.9	1.16	.....	11.5
5-22	do	10.0	.90	.....	9.0
8- 4	do	8.8	1.07	.....	9.4
10-12	do	11.0	.80	.....	8.8
10-30	do	12.3	.89	.....	10.9
12-10	do	13.0	1.06	.....	13.8

WAHOO CREEK  
Sec. 35, Twp. 13, Rge. 9 E.

1922					
7- 3	A. H. Atkins	77.5	1.00	.....	8.3
8- 6	do	21.3	1.62	.....	34.6
1928					
2-22	A. E. Johnston	53.1	0.80	.....	42.2
3-19	do	35.9	1.01	.....	35.3
4-14	do	70.8	.71	.....	50.7
5-14	do	44.6	.98	.....	43.6
6-19	do	32.0	.31	.....	10.1
10- 9	do	40.5	1.25	.....	50.5
11-17	do	59.2	1.35	.....	80.0

WARBONNETT CREEK  
Sec. 21, Twp. 33, Rge. 56 W.

1921					
3-17	Palmer and Heywood	3.7	0.83	.....	3.1
1924					
7-17	J. D. Heywood	1.5	1.02	.....	1.6
7-31	A. E. Johnston	1.1	.95	.....	1.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## WARBONNETT CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
8-15	J. D. Heywood	.....	.....	.....	0.5
1926					
8-25	J. D. Heywood	1.5	0.93	.....	1.4

## WARREN SLOUGH

Sec. 4, Twp. 13, Rge. 6 W.

1923					
6-29	A. H. Atkins	33.0	1.44	.....	47.0
7-14	E. F. Ketcham	16.0	.80	.....	14.0

## WHISTLE CREEK

Sec. 12, Twp. 28, Rge. 54 W.

1924					
5-16	Johnston and Heywood	0.6	0.35	.....	0.2
8- 1	do	.....	.....	.....	.0
1925					
4-30	A. E. Johnston	0.6	0.67	.....	0.4
5-27	do	.2	.23	.....	.5
6-19	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.....
9-10	do	.....	.....	.....	.0
1926					
7- 4	A. E. Johnston	1.2	0.83	.....	1.0
9-11	do	.....	.....	.....	.0
1927					
5-24	A. E. Johnston	1.5	0.87	.....	1.3
6-20	do	2.0	1.55	.....	3.1
1928					
5- 1	A. E. Johnston	0.4	0.35	.....	0.1
8-15	do	.....	.....	.....	.0
9-25	do	.....	.....	.....	.0
10-23	do	.....	.....	.....	.1

## WHITE CLAY CREEK

Sec. 25, Twp. 35, Rge. 45 W.

1921					
9- 9	Palmer and Heywood	12.6	0.41	.....	6.2

## WHITE CLAY CREEK

Sec. 2, Twp. 31, Rge. 52 W.

1922					
1-23	Palmer and Heywood	2.9	1.68	.....	4.9
2-14	do	6.0	.95	.....	5.7
3-30	T. C. Palmer	3.3	1.34	.....	4.4
8- 2	A. H. Atkins	2.4	1.41	.....	3.4
8-25	J. D. Heywood	1.7	1.35	.....	2.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE CLAY CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
1-30	Johnston and Heywood	3.7	1.56	.....	5.8
2-20	A. E. Johnston	4.7	1.00	.....	4.7
3-14	do	3.5	.94	.....	3.3
5- 4	Johnston and Heywood	2.9	1.37	.....	4.0
5-19	E. F. Ketcham	3.5	1.07	.....	3.8
6-26	Ketcham and Heywood	2.9	1.49	.....	4.3
7-19	A. H. Atkins	2.8	1.00	.....	2.8
8- 6	E. F. Ketcham	4.5	.87	.....	3.9
8-18	A. H. Atkins	1.8	1.01	.....	1.8
9- 7	A. E. Johnston	12.2	1.47	.....	17.9
9- 8	do	2.8	.85	.....	2.4
10- 8	do	4.1	1.76	.....	7.2
10-26	A. H. Atkins	.6	.52	.....	.3
11-23	do	3.6	1.36	.....	4.9
<b>1924</b>					
1-22	A. E. Johnston	3.6	0.82	.....	2.9
2-20	do	4.3	.93	.....	4.0
4-15	do	4.3	1.55	.....	6.7
5-14	do	2.7	1.38	.....	3.7
7-12	do	4.2	.73	.....	3.1
7-30	do	1.4	1.52	.....	2.1
8- 5	J. D. Heywood	2.7	.59	.....	1.6
10- 2	A. E. Johnston	3.0	.76	.....	2.3
10- 9	J. D. Heywood	.....	.....	.....	3.4
11- 6	A. E. Johnston	4.0	.92	.....	3.7
11-25	do	4.5	.48	.....	2.2
<b>1925</b>					
1-27	A. E. Johnston	5.2	0.56	.....	2.9
2-24	do	4.9	1.11	.....	4.4
3-26	do	3.8	.74	.....	2.8
4-28	do	3.3	1.06	.....	3.5
5-25	do	.....	.....	.....	2.8
6-20	do	2.0	1.00	.....	2.0
7-28	do	3.7	1.32	.....	4.9
8-17	do	1.4	.71	.....	1.0
9-10	do	1.3	.85	.....	1.1
11-24	do	3.9	.72	.....	2.8
<b>1926</b>					
3- 2	A. E. Johnston	3.0	1.30	.....	3.9
3-23	do	2.3	1.52	.....	3.5
4-13	do	2.9	1.52	.....	4.4
5- 5	do	2.6	1.38	.....	3.6
5-26	do	1.8	1.17	.....	2.1
7- 7	do	1.7	1.18	.....	1.9
8-13	do	6.4	.85	.....	5.4
9-13	do	4.6	.50	.....	2.3
10-29	do	3.3	.82	.....	2.7

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE CLAY CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-25	A. E. Johnston	2.6	1.77	.....	4.6
4-28	do	6.2	1.29	.....	8.0
5-25	do	3.1	2.19	.....	6.8
6-22	do	6.9	.74	.....	5.1
8- 1	do	2.9	1.65	.....	4.8
8-31	do	2.9	2.04	.....	5.9
9-21	do	2.4	1.83	.....	4.4
11- 2	do	3.9	1.80	.....	7.0
11-22	do	5.1	1.80	.....	9.2
12-19	do	6.0	.77	.....	4.7
<b>1928</b>					
1-16	A. E. Johnston	5.4	1.55	.....	8.4
2- 7	do	3.4	2.00	.....	6.8
3-28	A. W. Hall	2.7	1.70	.....	4.6
5- 3	A. E. Johnston	4.5	1.40	.....	6.3
7- 3	do	4.3	.93	.....	3.9
8-16	do	1.9	.95	.....	1.8
9-27	do	3.5	.83	.....	2.9
10-24	do	4.0	.72	.....	2.9
12-20	do	5.8	.59	.....	3.4

## WHITE CLAY CREEK

Sec. 13, Twp. 31, Rge. 52 W.

<b>1921</b>					
3-21	Palmer and Heywood	3.1	2.27	.....	7.0

## WHITE CLAY CREEK

Sec. 35, Twp. 32, Rge. 52 W.

<b>1921</b>					
9- 8	Palmer and Heywood	1.0	0.90	.....	0.9
<b>1925</b>					
4-28	A. E. Johnston	5.1	1.04	.....	5.3

## WHITEHEAD CREEK

Sec. 3, Twp. 34, Rge. 54 W.

<b>1927</b>					
6-22	A. E. Johnston	0.8	0.50	.....	0.4

## WHITE HORSE CREEK

Sec. 5, Twp. 13, Rge. 29 W.

<b>1922</b>					
4-21	A. E. Johnston	7.0	1.82	.....	13.0
5- 5	do	19.0	1.24	.....	24.0
5-19	do	8.0	1.00	.....	8.0
6- 5	do	14.0	1.53	.....	21.0
6-24	do	4.0	.71	.....	3.0
7- 5	do	7.0	1.00	.....	7.0
7- 8	do	6.0	1.00	.....	6.0
7-24	do	8.0	1.08	.....	9.0
7-28	do	6.0	1.00	.....	6.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE HORSE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
9-18	Johnston and Easterday	7.0	1.11	.....	8.0
11-23	A. E. Johnston	.....	.....	.....	14.0
<b>1923</b>					
1-10	A. E. Johnston	12.8	1.24	.....	15.9
2- 9	do	10.2	1.39	.....	14.2
2-28	do	12.7	1.49	.....	19.0
3-27	do	18.8	1.34	.....	25.2
4-12	do	10.9	1.31	.....	14.2
6-18	do	23.3	.67	.....	15.7
8- 9	do	12.7	.46	.....	5.9
8-18	A. H. Atkins	23.3	.67	.....	15.7
9-14	A. E. Johnston	8.7	1.15	.....	10.0
10-17	do	13.2	1.19	.....	15.8
10-20	do	16.6	1.20	.....	20.0
11- 5	do	16.5	1.41	.....	23.3
11-26	do	14.3	1.26	.....	18.3
<b>1924</b>					
2- 8	A. E. Johnston	21.8	1.13	.....	24.8
3-12	do	19.2	1.61	.....	30.9
3-28	do	27.4	1.58	.....	43.5
4-23	do	14.5	1.17	.....	16.9
5-24	do	11.3	1.19	.....	13.5
6-17	do	1.1	1.62	.....	11.9
7-18	do	5.5	.94	.....	5.2
7-22	do	3.1	1.60	.....	5.2
9-10	do	4.2	.90	.....	3.8
11-14	do	7.9	1.21	.....	9.6
12- 3	do	11.8	1.30	.....	13.0
<b>1925</b>					
2-12	A. E. Johnston	35.8	1.45	.....	51.8
3-12	do	20.7	1.31	.....	27.1
4- 9	do	18.3	1.49	.....	27.3
5- 8	do	14.6	1.24	.....	18.1
5-16	do	29.4	1.35	.....	39.6
6-18	do	5.2	1.06	.....	5.5
6-29	do	2.6	.73	.....	1.9
7- 7	do	2.9	1.14	.....	3.3
8- 6	do	4.3	.86	.....	3.7
9-18	do	5.7	1.07	.....	6.1
11- 6	do	7.6	1.53	.....	11.6
<b>1926</b>					
1-21	A. E. Johnston	17.3	0.98	.....	16.9
2-11	do	16.8	1.63	.....	27.4
3-16	do	16.2	1.55	.....	25.2
4- 6	do	13.4	1.48	.....	19.9
4-27	do	9.2	1.48	.....	13.6
5-18	do	10.4	1.43	.....	14.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE HORSE CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1926</b>					
6-10	A. E. Johnston	6.2	.90	.....	5.6
6-24	do	8.2	1.56	.....	12.8
7-20	do	7.7	1.18	.....	9.1
8- 3	do	4.2	.95	.....	4.0
8-23	do	5.2	1.17	.....	6.1
8-30	do	5.2	1.10	.....	5.8
9-27	do	9.1	1.30	.....	11.8
10-22	do	9.5	1.51	1.30	14.4
11-11	do	14.1	1.58	.....	22.3
<b>1927</b>					
4- 8	A. E. Johnston	15.5	1.21	.....	18.8
4-16	do	65.6	2.00	.....	131.6
5- 6	do	37.0	.72	.....	26.0
5-19	do	23.4	.49	.....	11.6
6-11	do	22.8	.43	.....	9.7
7- 1	do	20.4	.47	.....	9.6
7-14	do	17.2	.40	.....	6.9
8- 8	do	15.9	.51	.....	8.2
8-20	do	15.6	.64	.....	10.0
9-13	do	13.9	.45	.....	6.3
10- 4	do	16.1	.70	.....	11.3
10-18	do	17.8	.76	.....	13.6
10-27	do	16.0	.75	.....	11.9
11-15	do	12.3	.95	.....	11.6
11-29	do	20.4	.93	.....	18.9
<b>1928</b>					
1- 9	A. E. Johnston	18.5	1.09	.....	20.2
1-25	do	24.8	.53	.....	12.1
2- 1	do	20.0	.85	.....	17.1
2-25	do	19.4	.91	.....	17.7
3- 9	do	25.3	1.21	.....	30.6
3-24	do	24.8	1.31	.....	32.6
4-21	do	11.8	1.19	.....	14.0
5-25	do	10.8	.95	.....	10.3
6-11	do	13.7	1.06	.....	14.6
6-25	do	15.4	1.21	.....	18.6
7-17	do	11.2	1.12	.....	12.5
7-28	do	20.4	.97	.....	19.9
8- 7	do	11.9	1.12	.....	13.4
8-29	do	4.6	1.15	.....	5.3
9- 1	do	4.8	1.23	.....	5.9
9-14	do	6.3	1.43	.....	9.0
10-16	do	9.7	1.33	.....	12.9
11-13	do	12.9	1.30	.....	16.7
11-23	do	14.8	1.22	.....	18.1
12- 5	do	14.0	1.24	.....	17.4
12-15	do	28.5	1.30	.....	37.1

WHITE HORSE CREEK  
Sec. 5, Twp. 14, Rge. 30 W.

<b>1924</b>					
6-17	A. E. Johnston	4.6	0.86	.....	4.0



## STATE OF NEBRASKA

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE RIVER  
Sec. 26, Twp. 31, Rge. 55 W.  
Near Andrews

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
3-18	Palmer and Heywood	6.5	1.06	.....	6.9
9- 6	do	4.3	1.26	.....	5.4
9- 7	do	1.4	2.00	.....	2.8
<b>1922</b>					
11- 3	Chaloupka and Fowler	.....	.....	.....	2.0
<b>1924</b>					
7-24	J. D. Heywood	3.5	1.07	.....	3.8
10-17	do	.....	.....	.....	2.9
<b>1925</b>					
5-21	J. D. Heywood	3.2	1.03	.....	3.3

WHITE RIVER  
Sec. 34, Twp. 31, Rge. 54 W.  
Near Glen

<b>1921</b>					
3-17	Palmer and Heywood	5.6	2.67	.....	14.9
9- 7	do	4.9	2.50	.....	12.2
<b>1922</b>					
2-13	T. C. Palmer	5.9	3.00	.....	17.8
12- 5	A. E. Johnston	.....	.....	.....	26.1
<b>1924</b>					
7-24	J. D. Heywood	3.9	1.74	.....	6.7

WHITE RIVER  
Sec. 3, Twp. 31, Rge. 52 W.  
Military Road

<b>1921</b>					
3-19	T. C. Palmer	21.0	1.49	.....	31.0
9- 8	do	15.0	1.56	.....	23.0
12-13	do	20.0	2.00	.....	41.0
<b>1922</b>					
8- 2	A. H. Atkins	11.0	2.00	.....	22.0
8- 5	do	13.0	2.00	.....	26.0
8-25	J. D. Heywood	7.0	1.43	.....	10.0
<b>1923</b>					
1-30	A. E. Johnston	29.2	1.07	.....	31.3
2-20	do	21.0	1.51	.....	31.7
3-14	do	16.3	1.23	.....	20.2
5- 4	do	16.0	1.44	.....	23.1
5-18	E. F. Ketcham	20.1	1.30	.....	26.2
6-28	A. H. Atkins	13.8	1.53	.....	22.0
8- 5	E. F. Ketcham	23.6	1.09	.....	25.8
8- 7	do	133.4	3.27	.....	437.1
8-18	A. H. Atkins	10.8	1.23	.....	14.0
9- 8	A. E. Johnston	12.3	1.40	.....	17.2

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
9-15	A. H. Atkins	11.8	1.35	.....	15.9
10- 8	A. E. Johnston	41.4	2.44	.....	101.1
11-11	do	16.2	1.49	.....	24.3
11-24	A. H. Atkins	21.9	1.62	.....	35.5
<b>1924</b>					
1-22	A. E. Johnston	17.1	1.72	.....	29.4
2-20	do	16.2	.81	.....	13.3
4-15	do	18.6	2.02	.....	37.6
5-14	do	13.8	1.79	.....	24.8
7-12	do	13.5	1.29	.....	17.5
7-24	J. D. Heywood	10.1	1.39	.....	14.2
7-30	A. E. Johnston	11.8	1.47	.....	17.4
8-21	do	7.8	1.30	.....	10.2
10- 2	do	10.6	1.36	.....	14.4
11- 6	do	16.5	1.75	.....	29.0
11-17	J. D. Heywood	16.2	1.42	.....	23.0
11-25	A. E. Johnston	12.0	1.00	.....	12.1
11-28	J. D. Heywood	18.7	1.51	.....	29.0
11-29	do	20.0	1.50	.....	31.0
<b>1925</b>					
1-27	A. E. Johnston	13.2	1.93	.....	25.5
2-24	do	14.8	2.14	.....	31.7
3-26	do	13.0	1.92	.....	25.2
4-29	do	12.1	2.24	.....	27.1
5-26	do	11.2	2.10	.....	23.5
6-20	do	9.0	2.00	.....	18.0
7-28	do	24.7	1.93	.....	47.6
8-10	J. D. Heywood	10.6	.88	.....	9.4
8-17	A. E. Johnston	6.2	1.85	.....	11.5
8-27	J. D. Heywood	.....	.....	.....	10.3
9- 2	do	.....	.....	.....	8.4
9-10	A. E. Johnston	6.4	1.71	.....	10.9
10-27	do	16.1	1.34	.....	21.5
11-24	do	11.7	1.93	.....	22.6
<b>1926</b>					
3- 2	A. E. Johnston	15.2	1.94	.....	29.5
3-23	do	14.2	1.95	.....	27.7
4-13	do	13.4	2.12	.....	28.5
5- 5	do	13.3	2.03	.....	27.0
5-26	do	10.0	2.06	.....	20.6
7- 7	do	17.6	1.16	.....	20.4
8-13	do	23.8	2.09	.....	49.7
9-13	do	16.4	1.15	.....	18.9
10-28	do	18.3	1.44	.....	26.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
2- 4	A. W. Hall	12.0	1.81	.....	21.8
3-24	A. E. Johnston	17.6	1.70	.....	30.0
4-29	do	23.1	1.74	.....	40.2
5-25	do	21.1	1.78	.....	37.6
6-22	do	19.7	1.86	.....	36.6
8- 1	do	16.7	1.57	.....	26.3
8-31	do	16.9	1.45	.....	24.5
9-20	do	14.0	1.76	.....	24.7
11- 2	do	18.5	1.65	.....	30.5
11-22	do	22.1	1.61	.....	35.7
12-20	do	24.0	1.10	.....	26.4
<b>1928</b>					
1-16	A. E. Johnston	21.6	1.78	.....	38.5
2- 7	do	21.1	1.78	.....	37.6
4- 3	do	18.0	1.70	.....	30.6
5- 2	do	20.0	1.46	.....	29.2
7- 3	do	15.0	1.46	.....	21.5
8-16	do	10.5	1.39	.....	14.6
9-27	do	12.1	1.57	.....	19.0
10-24	do	16.0	1.67	.....	26.8
12-20	do	15.8	1.46	.....	23.1
<b>WHITE RIVER</b> Sec. 3, Twp. 31, Rge. 52 W. Near Crawford					
<b>1921</b>					
11- 4	T. C. Palmer	16.6	1.80	.....	29.6
<b>1922</b>					
1-23	Palmer and Heywood	12.0	1.94	.....	24.0
2-13	T. C. Palmer	23.0	1.80	.....	41.0
3-29	do	25.0	1.84	.....	46.0
<b>1923</b>					
1-30	Johnston and Heywood	18.3	1.79	.....	32.9
3-14	A. E. Johnston	10.3	2.32	.....	23.9
5- 3	do	12.2	2.33	.....	34.6
5-20	E. F. Ketcham	13.8	2.01	.....	27.8
6-29	Ketcham and Heywood	12.2	1.27	.....	15.6
8- 6	E. F. Ketcham	14.2	1.73	.....	24.6
9-15	A. H. Atkins	11.8	1.35	.....	15.9
10- 6	A. E. Johnston	14.5	2.01	.....	29.3
10-26	A. H. Atkins	18.4	1.20	.....	22.2
11-11	A. E. Johnston	15.5	2.08	.....	32.3
<b>1924</b>					
2-20	A. E. Johnston	18.8	0.95	.....	17.8
4-15	do	16.1	2.36	.....	38.1
5-14	do	14.4	1.88	.....	27.1
7-12	do	12.1	2.03	.....	24.6
7-30	do	8.9	1.41	.....	12.6
8- 5	J. D. Heywood	8.1	1.27	.....	10.3

2-24	do	11.0	2.11	.....	23.3
3-26	do	12.6	2.21	.....	28.0
4-28	do	2.8	.23	.....	.6
5-26	do	5.7	1.40	.....	8.0
6-20	do	12.1	1.97	.....	23.8
7-28	do	21.8	2.20	.....	48.1
8-17	do	7.3	1.30	.....	9.5
9- 9	do	3.0	.50	.....	1.5
10-27	do	12.1	2.09	.....	25.3
11-24	do	10.9	1.54	.....	16.8

**1926**

3- 2	A. E. Johnston	12.9	2.36	.....	30.5
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**1928**

6-22	A. W. Hall	10.3	2.21	.....	22.8
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**WHITE RIVER**  
 Sec. 26, Twp. 32, Rge. 52 W.  
 Above Whitney Pipe Line Diversion

**1921**

11- 2	T. C. Palmer	21.0	0.80	.....	18.0
12-13	do	28.0	1.41	.....	39.0

**1922**

1-17	Palmer and Heywood	24.0	1.48	.....	35.0
3-29	T. C. Palmer	34.0	1.43	.....	48.0
8- 2	A. H. Atkins	6.0	1.75	.....	11.0
8-25	J. D. Heywood	10.0	1.92	.....	19.0
10-30	W. F. Chaloupka	.....	.....	.....	29.0
12- 5	A. E. Johnston	.....	.....	.....	23.0

**1923**

1-30	A. E. Johnston	38.7	1.18	.....	45.8
2-20	do	39.1	1.28	.....	50.1
3-14	do	19.0	1.21	.....	23.2
5- 3	do	27.6	1.54	.....	42.6
5-20	E. F. Ketcham	17.3	1.69	.....	29.3
6-29	Ketcham and Heywood	12.8	1.71	.....	21.9
8- 6	E. F. Ketcham	20.0	1.89	.....	37.8
7-19	A. H. Atkins	9.1	1.89	.....	17.2
8-18	do	13.6	1.76	.....	24.0
9- 7	A. E. Johnston	19.2	.96	.....	13.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE RIVER (Continued)					
Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
9-14	A. H. Atkins	13.1	1.34	.....	17.6
10- 6	A. E. Johnston	23.7	1.35	.....	32.2
10-26	A. H. Atkins	28.5	1.34	.....	38.2
11-11	A. E. Johnston	29.4	1.68	.....	50.5
11-24	Atkins and Heywood	25.7	1.14	.....	29.3
<b>1924</b>					
8-20	A. E. Johnston	1.3	0.83	.....	1.1
11- 5	do	7.7	2.34	.....	18.0
11-25	do	7.7	3.09	.....	23.8
<b>1925</b>					
4-28	A. E. Johnston	1.7	1.00	.....	1.7
5-26	do	2.0	1.09	.....	2.1
6-20	do	4.8	2.92	.....	14.0
7-28	do	15.1	3.38	.....	51.1
8-17	do	.5	.16	.....	.1
9- 9	do	.2	.50	.....	.1
11-24	do	10.0	2.19	.....	21.9
<b>1926</b>					
3- 2	A. E. Johnston	12.9	2.31	.....	29.8
3-23	do	13.1	2.16	.....	29.3
4-14	do	11.3	2.87	.....	32.4
5- 5	do	13.1	2.15	.....	28.2
5-26	do	4.0	2.15	.....	8.6
7- 7	do	4.6	1.85	.....	8.5
9-13	do	7.3	2.60	.....	19.2
10-29	do	7.5	2.40	.....	17.9
<b>1927</b>					
3-25	A. E. Johnston	19.1	2.28	.....	43.6
4-29	do	15.2	2.54	1.30	38.7
5-25	do	17.5	2.46	.....	43.2
6-22	do	16.6	2.45	.....	40.7
8- 1	do	13.7	2.01	.....	27.6
8-31	do	15.5	2.10	1.05	32.6
9-21	do	9.2	2.50	.85	23.0
11- 3	do	12.3	2.79	1.15	34.3
11-22	do	20.5	1.93	.....	39.7
12-20	do	25.6	1.07	.....	27.4
<b>1928</b>					
1-16	A. E. Johnston	26.3	2.20	.....	57.9
2- 7	do	19.3	1.96	.....	37.8
3-28	A. W. Hall	28.4	2.34	.....	66.4
4- 3	A. E. Johnston	18.4	1.89	.....	34.8
5- 3	do	18.2	1.58	.....	28.8
7- 3	do	9.7	2.52	0.95	24.4
8-16	do	3.9	1.13	.....	4.4
9-27	do	6.1	1.23	.60	7.5
10-25	do	8.3	2.61	1.00	21.7
12-21	do	18.2	2.10	2.00	38.5

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## WHITE RIVER

Sec. 26, Twp. 32, Rge. 52 W.  
Below Whitney Pipe Line Diversion

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
1-22	A. E. Johnston	30.2	1.67	.....	50.7
2-20	do	24.0	.98	.....	23.6
4-15	do	35.3	1.26	.....	44.5
7-12	do	.....	.....	.....	.0
7-30	do	.....	.....	.....	.0
8-20	do	.....	.....	.....	.0
8-29	J. D. Heywood	1.3	.85	.....	.1
10- 2	A. E. Johnston	.....	.....	.....	.0
11- 5	do	.....	.....	.....	.0
11-25	do	.....	.....	.....	.0
<b>1925</b>					
1-28	A. E. Johnston	1.0	0.80	.....	0.8
2-25	do	.....	.....	.....	.0
3-26	do	.....	.....	.....	.0
4-28	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7-28	do	7.9	1.19	.....	9.4
8-17	do	.....	.....	.....	.0
9- 9	do	.9	.85	.....	.7
10-27	do	12.0	1.56	.....	18.7
11-24	do	.....	.....	.....	.0
<b>1926</b>					
3- 2	A. E. Johnston	18.8	1.89	.....	35.6
3-23	do	16.2	1.71	.....	27.7
4-14	do	18.5	1.92	.....	35.6
5- 5	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
8-13	do	7.2	1.19	.....	8.6
9-13	do	.....	.....	.....	.0
10-29	do	.....	.....	.....	.0
<b>1927</b>					
2- 3	A. W. Hall	21.2	1.74	.....	37.0
3-25	A. E. Johnston	.....	.....	.....	.5
4-29	do	27.5	1.68	1.75	46.4
5-25	do	28.1	1.60	1.90	45.1
6-22	do	22.0	1.79	1.50	39.6
8- 1	do	12.5	1.75	.85	21.9
8-31	do	18.0	1.73	1.05	31.2
9-21	do	21.3	1.34	1.40	28.6
11- 3	do	16.5	2.50	1.70	41.2
11-22	do	50.0	1.18	1.70	58.9
<b>1928</b>					
1- 6	A. E. Johnston	.....	.....	.....	0.0
2- 7	do	26.8	1.11	1.00	29.8
4- 3	do	38.6	.93	1.35	35.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
5- 3	A. E. Johnston	5.7	.29	.15	1.7
6-22	A. W. Hall	.....	.....	.....	.0
7- 3	A. E. Johnston	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.5
10-25	do	6.9	.96	.40	6.6
12-21	do	.....	.....	.....	.0

WHITE RIVER  
Sec. 1, Twp. 32, Rge. 51 W.  
Near Whitney

<b>1921</b>					
3-16	Palmer and Heywood	24.0	1.99	.....	49.0
9- 8	do	7.0	.71	.....	5.0
11- 2	T. C. Palmer	13.0	1.80	.....	23.0
12-13	do	17.0	2.29	.....	40.0
<b>1922</b>					
3-28	T. C. Palmer	18.0	2.38	.....	43.0
8- 3	A. H. Atkins	13.0	1.21	.....	16.0
8- 5	do	7.0	2.17	.....	15.0
8-23	J. D. Heywood	11.0	1.73	.....	18.0
10- 3	Chaloupka and Fowler	.....	.....	.....	26.0
11- 4	do	.....	.....	.....	25.0
<b>1923</b>					
5-19	E. F. Ketcham	29.0	1.95	.....	57.0
6-28	do	21.0	1.51	.....	33.0
8- 5	do	39.0	1.97	.....	76.0
7-20	A. H. Atkins	10.0	1.60	.....	16.0
8-18	do	20.0	1.94	.....	39.0
9- 7	A. E. Johnston	22.0	1.79	.....	39.0
9-14	A. H. Atkins	21.0	1.22	.....	25.0
10-26	do	28.0	1.73	.....	48.0
11-24	do	25.0	2.01	.....	51.0
<b>1924</b>					
10- 2	A. E. Johnston	1.7	0.88	.....	1.5
10-10	J. D. Heywood	.....	.....	.....	5.7
11- 5	A. E. Johnston	3.5	.94	.....	3.3
11-25	do	3.6	.70	.....	2.5
<b>1925</b>					
2-25	A. E. Johnston	6.7	0.76	.....	5.1
3-26	do	3.8	.84	.....	3.2
5- 1	do	2.7	.48	.....	1.3
5-26	do	2.5	.92	.....	2.3
6-20	do	2.6	1.23	.....	3.2
7-28	do	92.7	2.02	.....	86.3
8-17	do	2.9	1.03	.....	3.0
9- 9	do	2.2	1.09	.....	2.4
10-27	do	19.0	1.43	.....	27.3
11-24	do	5.8	1.16	.....	6.6

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE RIVER  
Sec. 18, Twp. 33, Rge. 49 W.  
West of Chadron

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
9- 8	Palmer and Heywood	6.8	0.72	.....	4.9
11- 2	T. C. Palmer	16.1	1.65	.....	26.6
12-13	do	21.0	1.93	.....	40.5
<b>1922</b>					
3-28	T. C. Palmer	23.0	1.87	.....	44.0
8- 3	A. H. Atkins	14.0	1.79	.....	26.0
12- 5	A. E. Johnston	.....	.....	.....	30.0
<b>1923</b>					
1-30	A. E. Johnston	15.6	0.74	.....	11.6
2-20	do	14.4	.78	.....	11.3
5- 3	do	25.1	2.03	.....	51.1
5-19	E. F. Ketcham	30.7	1.78	.....	54.8
6-28	do	27.4	1.72	.....	47.4
7-20	A. H. Atkins	15.4	1.69	.....	26.3
9- 7	A. E. Johnston	21.9	1.79	.....	39.4
9-14	A. H. Atkins	15.0	1.43	.....	21.5
10- 6	A. E. Johnston	22.7	1.56	.....	35.5
11-11	do	30.8	1.53	.....	47.4
11-24	Atkins and Heywood	24.2	1.67	.....	40.4
<b>1924</b>					
4-15	A. E. Johnston	33.2	2.20	.....	73.3
5-14	do	16.6	1.53	.....	25.5
7-12	do	4.9	.79	.....	3.9
7-30	do	3.0	1.08	.....	3.3
8-20	do	1.7	.78	.....	1.3
8-27	J. D. Heywood	.....	.....	.....	.0
10- 2	A. E. Johnston	3.2	1.03	.....	3.3
11- 5	do	2.7	2.06	.....	5.5
11-25	do	8.9	.98	.....	8.7
<b>1925</b>					
1-28	A. E. Johnston	4.2	0.45	.....	1.9
2-25	do	15.0	.82	.....	12.2
3-26	do	8.2	.66	.....	12.4
5- 1	do	5.4	1.27	.....	6.9
5-28	do	6.7	1.72	.....	11.5
6-20	do	9.4	1.54	.....	14.5
7-28	do	101.0	2.63	.....	268.8
8-17	do	3.8	1.76	.....	6.7
9- 9	do	4.5	1.42	.....	6.4
10-27	do	14.4	1.95	.....	28.2
11-24	do	14.2	1.02	.....	14.5
<b>1926</b>					
3- 2	A. E. Johnston	47.7	2.22	.....	105.6
3-23	do	33.1	1.78	.....	59.2
4-14	do	27.5	1.83	.....	50.4



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5- 5	A. E. Johnston	7.7	1.34	.....	10.3
7- 7	do	25.7	1.49	.....	38.2
8-14	do	37.7	2.60	.....	97.8
9-13	do	5.2	1.35	.....	7.0
10-29	do	18.2	1.80	.....	32.9
<b>1927</b>					
2- 3	A. W. Hall	29.5	1.93	.....	57.1
4-29	A. E. Johnston	67.2	2.70	.....	182.8
5-25	do	47.8	2.14	.....	102.2
6-23	do	43.3	2.10	.....	91.0
8- 1	do	22.6	1.12	.....	36.7
8- 1	do	33.9	1.85	.....	61.6
9-21	do	28.4	1.86	.....	52.8
11- 3	do	37.3	1.67	.....	62.4
11-22	do	44.5	1.67	.....	74.7
12-20	do	25.8	1.88	.....	48.6
<b>1926</b>					
2- 7	A. E. Johnston	44.4	1.88	.....	83.6
3-28	A. W. Hall	33.5	2.36	.....	79.4
5- 3	do	25.1	1.33	.....	33.3
6-22	do	48.6	1.70	.....	82.8
7- 3	A. E. Johnston	9.1	11.82	.....	16.6
8-17	do	14.9	1.62	.....	24.2
9-28	do	5.3	1.04	.....	5.5
10-25	do	8.4	1.52	.....	28.0
12-21	do	8.1	1.37	.....	11.1

WHITE RIVER  
Sec. 17, Twp. 34, Rge. 48 W.  
North of Chadron

<b>1921</b>					
2-15	Palmer and Heywood	59.0	1.24	.....	73.0
<b>1922</b>					
3-28	T. C. Palmer	69.0	1.26	.....	86.0
<b>1923</b>					
5-18	E. F. Ketcham	49.0	1.58	.....	77.0
6-28	do	52.0	.87	.....	46.0
7-20	A. H. Atkins	38.0	.89	.....	37.0
9- 7	A. E. Johnston	52.0	.61	.....	32.0

WHITE TAIL CREEK  
Sec. 36, Twp. 15, Rge. 38 W.

<b>1921</b>					
3- 1	T. C. Palmer	12.9	2.04	.....	26.3
5- 4	do	12.9	1.95	.....	25.1
6-23	A. H. Atkins	11.9	2.16	.....	25.7
7- 7	do	4.9	1.13	0.43	5.5
7-14	**J. K. Rohrer	.....	.....	.....	3.0

\*\*U. S. R. S. measurements.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE TAIL CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
7-15	A. H. Atkins	3.0	1.18	.38	3.6
7-28	do	7.4	1.41	.55	10.5
8- 4	do	15.5	1.72	.90	26.7
8-12	do	7.9	1.55	.90	12.5
8-19	do	8.9	1.28	.35	11.5
10-14	T. C. Palmer	10.9	1.92	.....	20.9
<b>1922</b>					
4-19	A. E. Johnston	12.0	2.20	.....	25.0
5- 2	do	11.0	2.15	.....	24.0
5-17	do	12.0	2.34	.....	28.0
6- 1	do	15.0	2.04	.....	30.0
6-19	do	7.0	1.56	.....	11.0
7- 3	do	11.0	1.89	.....	21.0
7-22	do	12.0	1.59	.....	20.0
8-12	do	11.0	1.59	.....	17.0
8-19	do	8.0	1.37	.....	10.0
8-30	Johnston and Eyerly	6.0	1.12	.....	6.0
9-16	Johnston and Easterday	11.0	2.44	.....	27.0
9-26	A. E. Johnston	7.0	1.43	.....	11.0
11-27	do	.....	.....	.....	3.0
<b>1923</b>					
3- 1	A. E. Johnston	14.1	1.92	.....	27.1
3-29	do	11.5	2.08	0.90	23.9
4-10	do	13.8	2.03	.....	28.1
5-17	do	15.5	2.03	.90	31.5
5-29	do	15.1	2.06	.90	31.2
6-13	do	13.2	1.81	.85	23.9
6-29	do	13.2	2.04	.80	26.9
7-26	A. H. Atkins	10.1	1.82	.40	18.4
8-10	A. E. Johnston	15.3	2.05	.60	31.5
8-27	A. H. Atkins	12.0	2.13	.....	25.7
9-13	A. E. Johnston	8.3	2.02	.....	16.8
10-16	A. H. Atkins	13.8	1.94	.90	26.8
10-19	Atkins and Wood	13.1	2.51	.90	33.1
<b>1924</b>					
2- 9	A. E. Johnston	13.2	2.02	.....	26.6
3- 4	do	14.6	2.05	.....	30.0
4-22	do	13.8	2.27	.....	31.4
5-21	do	4.9	1.29	.....	6.3
6-14	do	11.3	2.16	.....	24.5
7-23	do	6.9	1.42	.....	9.8
8- 4	C. G. Hrubesky	11.5	1.67	.....	19.2
8-16	do	8.1	1.71	.....	13.9
9- 1	do	7.5	1.30	1.55	9.8
10- 7	A. E. Johnston	11.2	1.84	.....	20.6
10-24	do	14.1	2.37	.....	33.4
11-15	do	13.1	2.51	.....	32.9
12- 2	do	10.7	2.37	.....	32.0

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITE TAIL CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
2-10	A. E. Johnston	12.2	2.54	.....	31.0
3-10	do	15.9	2.26	.....	36.1
4- 8	do	15.2	2.38	.....	36.2
5-19	do	15.1	2.08	.....	31.4
6- 5	do	10.2	1.85	.....	18.9
6-26	do	10.5	1.50	.....	15.8
7- 9	do	8.6	1.52	.....	13.1
7-15	do	11.1	1.60	.....	17.8
7-22	do	8.3	1.52	.....	12.6
8- 5	do	11.6	1.68	.....	19.5
8-26	do	13.2	2.05	.....	27.0
9-24	do	11.7	1.94	.....	22.7
11- 4	do	16.3	2.30	.....	37.6
<b>1926</b>					
1-20	A. E. Johnston	16.6	2.03	.....	33.8
2- 9	do	12.5	2.41	.....	30.8
3-18	do	14.2	2.08	.....	29.7
4- 8	do	16.0	2.26	.....	36.2
4-29	do	14.9	2.68	.....	29.9
5-20	do	14.0	2.08	1.50	29.0
6-14	do	6.3	1.30	1.10	6.2
6-28	do	8.0	1.35	1.20	10.8
7-23	do	7.5	1.32	1.25	9.9
7-30	do	7.5	1.43	1.30	10.7
8-20	do	10.2	1.66	1.40	16.9
9- 2	do	9.7	2.09	1.40	20.3
9-29	do	11.0	2.44	1.35	26.8
10-26	do	12.9	2.28	1.50	29.5
11-12	do	14.3	2.48	1.50	35.4
<b>1927</b>					
4- 6	A. E. Johnston	14.3	2.01	0.80	28.7
4-19	do	16.7	2.15	.80	35.9
5- 5	do	13.5	1.85	.60	25.0
5-20	do	13.6	2.11	.75	28.7
6-14	do	13.2	2.41	.80	31.8
6-29	do	11.2	1.81	.75	20.3
7-15	do	4.3	1.44	1.38	6.2
8-24	do	13.8	2.51	1.70	34.8
9-15	do	12.0	2.05	1.55	24.7
10- 6	do	11.7	2.18	1.60	25.5
10-12	do	12.2	2.19	1.65	26.8
10-28	do	13.3	2.22	1.75	29.6
11-16	do	16.9	2.18	1.85	36.9
11-26	do	15.8	2.30	1.80	36.4
12-23	do	15.2	2.35	1.80	35.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## WHITE TAIL CREEK

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-10	A. E. Johnston	16.7	2.37	1.90	39.7
1-23	do	14.0	2.26	1.95	31.8
2- 2	do	16.4	2.20	1.95	36.0
2-28	do	19.3	1.94	2.00	37.4
3- 7	do	16.0	2.28	2.05	36.5
3-27	do	17.3	2.22	2.05	38.4
4-25	do	12.9	2.59	2.00	33.4
5-31	do	13.5	1.97	1.80	26.6
6- 7	do	12.1	2.24	1.90	27.2
6-28	do	16.9	2.12	1.90	35.8
7-19	do	18.5	2.46	2.00	45.6
8-21	do	14.7	1.79	1.80	26.3
8-28	do	13.4	2.34	1.85	31.3
9- 4	do	11.9	1.94	1.80	23.2
9-18	do	11.5	1.89	1.75	21.8
10-18	do	13.2	2.00	1.80	26.5
11- 9	do	13.9	2.02	1.90	28.2
11-24	do	15.7	2.07	1.95	32.5
12- 4	do	15.3	1.89	1.95	28.9
12-18	do	14.4	2.04	2.00	29.4

## WILD HORSE DRAIN

Sec. 12, Twp. 20, Rge. 52 W.

<b>1921</b>					
1-11	T. C. Palmer	22.4	1.66	0.70	37.3
2-11	do	21.1	1.70	.65	36.0
2-24	do	21.0	1.71	.60	35.9
3- 7	do	21.0	1.76	.60	37.0
3-22	do	20.5	1.58	.50	32.5
4-11	do	18.7	1.58	.45	29.6
4-28	do	19.5	1.56	.45	30.3
5-10	do	19.3	1.63	.....	31.5
6-20	do	16.4	3.66	.....	60.0
7- 5	do	19.9	1.83	.....	36.4
7-12	**J. K. Rohrer	.....	.....	.....	25.0
8- 8	T. C. Palmer	24.0	3.01	.70	72.3
8-29	do	31.5	2.52	1.20	79.4
9-26	do	34.9	2.28	.....	79.5
10- 8	do	29.9	2.00	.....	59.9
10-28	do	24.8	2.11	.....	52.3
11- 7	do	24.2	1.99	.....	48.0
11-29	do	24.0	1.91	.....	46.0
12-17	do	23.4	1.82	.....	42.6
12-27	do	22.4	1.59	.....	35.5

\*\*U. S. R. S. measurements.

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WILD HORSE DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec., -Ft.
<b>1922</b>					
1- 9	T. C. Palmer	23.0	1.58	.....	36.0
2- 6	do	22.0	1.62	.....	36.0
3- 8	do	20.0	1.57	.....	31.0
3-23	do	19.0	1.64	.....	31.0
4- 7	do	19.0	1.77	.....	34.0
5- 6	do	20.0	1.52	.....	31.0
6- 5	do	25.0	1.94	.....	49.0
6-12	do	28.0	1.87	.....	52.0
7-25	do	95.0	3.75	.....	357.0
9-14	Palmer and Easterday	29.0	2.26	.....	66.0
12- 9	A. E. Johnston	.....	.....	.....	50.0
12-14	do	.....	.....	.....	55.0
12-26	do	.....	.....	.....	48.0
<b>1923</b>					
1-22	A. E. Johnston	24.2	1.71	.....	41.5
2- 3	do	20.4	1.91	.....	39.1
2-14	do	18.5	1.84	.....	34.2
3- 6	do	17.5	1.68	.....	32.9
3-19	do	16.5	1.88	.....	31.1
4- 2	do	16.5	1.73	.....	28.6
4-24	do	16.8	1.80	.....	30.3
5-12	Ketcham and Johnston	16.8	1.51	.....	25.4
6-20	E. F. Ketcham	26.6	1.94	.....	51.7
7-12	A. E. Johnston	35.3	1.94	.....	68.7
7-25	do	21.1	3.04	.....	64.3
8-17	E. F. Ketcham	13.0	2.59	.....	33.7
8-29	A. E. Johnston	29.6	2.32	.....	68.8
10-23	do	20.0	2.59	.....	51.9
11-14	do	24.0	2.02	.....	48.7
12-11	Johnston and Hall	21.0	2.18	.....	45.9
<b>1924</b>					
1-14	A. E. Johnston	19.9	1.81	.....	36.0
1-28	do	19.0	1.71	.....	32.6
2-13	do	20.1	1.78	.....	35.9
3-18	do	19.1	1.57	.....	30.1
4- 9	do	18.4	1.81	.....	33.4
5- 6	do	17.4	1.54	.....	26.8
6- 6	do	20.9	1.88	.....	39.4
7- 1	do	21.8	2.41	.....	52.6
7-10	do	24.3	2.27	.....	55.4
7-24	C. G. Hrubesky	29.8	2.31	.....	68.8
8- 8	do	43.5	2.44	.....	10.6
8-28	A. E. Johnston	37.2	2.55	.....	95.0
9- 3	C. G. Hrubesky	38.8	2.58	.....	99.7
9-20	A. E. Johnston	38.5	2.43	.....	93.5
10-16	do	38.3	2.22	.....	85.0
10-31	do	31.8	2.38	.....	75.9
11-18	do	25.6	2.20	.....	56.4
12-13	do	24.0	2.21	.....	53.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WILD HORSE DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1925</b>					
1- 6	A. E. Johnston	23.6	2.00	.....	47.4
2- 2	do	22.8	2.13	.....	48.5
3- 2	do	27.0	1.85	.....	50.0
3-31	do	22.2	1.90	.....	42.1
4-24	Johnston and Franklin	15.3	1.47	.....	32.6
6- 3	A. W. Hall	17.9	1.81	.....	32.4
6-17	do	24.6	1.94	.....	47.6
6-29	do	24.8	3.81	.....	94.7
7-22	do	39.5	2.02	.....	79.7
7-29	do	36.8	2.28	.....	85.0
8-31	do	32.6	2.22	.....	72.4
9-28	A. E. Johnston	52.8	2.66	.....	135.4
10-19	do	32.6	2.18	.....	71.0
12- 1	do	27.0	2.18	.....	58.9
<b>1926</b>					
1-25	A. E. Johnston	22.2	1.90	.....	42.2
2-23	do	22.0	2.00	.....	44.0
3-16	A. W. Hall	18.9	1.82	0.80	34.5
4-10	do	15.4	1.72	.40	26.5
5- 3	do	14.4	1.48	.50	21.4
5-17	do	13.2	1.66	.....	21.9
6- 6	do	38.5	2.22	1.70	85.5
6-19	do	20.2	1.87	.....	37.8
7- 5	do	18.3	1.74	.....	31.8
7-23	do	31.7	2.14	.....	67.7
8-14	do	38.3	2.34	.....	89.9
8-23	do	30.5	2.80	.....	85.3
9-13	do	34.0	2.20	.....	74.8
10- 4	A. E. Johnston	36.0	2.13	1.35	76.8
10-15	A. W. Hall	25.1	1.79	.....	44.8
11- 4	do	26.1	2.11	.....	55.2
<b>1927</b>					
1- 4	A. W. Hall	20.2	1.71	.....	34.6
1-25	do	17.4	1.82	0.70	31.8
2-11	do	17.7	1.94	.70	34.3
3- 9	do	20.1	1.89	.78	38.1
3-28	A. E. Johnston	17.5	1.90	.65	33.7
4-27	do	22.0	1.69	.75	37.2
5-11	A. W. Hall	18.0	1.85	.65	33.3
5-23	do	17.0	1.85	.65	31.6
6- 8	do	25.2	1.90	.90	47.8
7-26	do	33.2	2.54	1.25	81.9
8-10	do	54.2	3.30	2.00	177.8
9- 1	do	39.8	3.24	1.70	129.0
10-21	C. E. Franklin	30.0	2.35	1.00	70.9
11- 5	A. W. Hall	26.1	2.60	.95	68.2
11-21	do	27.6	2.18	.85	60.2
12- 5	do	23.4	2.30	.80	53.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WILD HORSE DRAIN  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-13	C. E. Franklin	20.7	1.79	0.70	37.1
2- 9	A. W. Hall	18.3	2.14	.65	39.3
3-16	do	18.4	1.87	.60	34.5
4- 4	do	16.4	1.73	.55	28.4
4-17	do	15.6	1.84	.60	28.7
5- 1	do	16.1	1.44	.55	23.2
5-19	do	21.5	1.58	.80	34.0
6- 5	do	48.0	2.81	1.90	135.0
6-29	do	30.0	2.04	1.40	61.3
7-18	do	24.9	2.24	1.20	55.8
8- 6	do	29.7	2.87	1.50	85.2
8-24	do	24.8	2.50	1.40	62.0
9-11	do	35.1	2.24	1.40	78.8
10-17	do	20.7	3.07	1.40	82.8
11-13	C. E. Franklin	30.6	2.07	.....	63.4
11-24	do	27.5	1.78	1.20	49.2
12- 8	do	24.9	1.63	.....	40.7
12-26	do	24.3	1.71	1.05	41.6

WHITMANS FORK  
Sec. 22, Twp. 6, Rge. 39 W.

<b>1923</b>					
2- 6	A. E. Johnston	1.1	0.86	.....	0.9
2-24	do	1.4	.96	.....	1.3
3-22	do	1.3	1.05	.....	1.4
9-20	do	.8	1.10	.....	.9
10-11	do	1.1	.60	.....	.7
12- 4	do	1.2	1.09	.....	1.2
<b>1924</b>					
2- 5	A. E. Johnston	1.5	0.81	.....	1.3
2-26	do	1.1	.97	.....	1.1
4- 3	do	1.2	.92	.....	1.1
4-30	do	1.2	.87	.....	1.2
6- 2	do	1.1	.87	.....	1.0
6-27	do	1.0	.69	.....	.7
<b>1925</b>					
1-20	A. E. Johnston	1.3	1.30	.....	1.8
2-16	do	2.6	.92	.....	2.4
3-21	do	1.3	1.30	.....	1.7
4-16	do	1.5	.80	.....	1.2
5-14	C. E. Franklin	3.4	1.12	.....	3.8
6- 8	do	3.2	.62	.....	2.0
6-24	do	3.8	1.22	.....	4.6
7-12	do	1.3	.40	.....	.5
8- 7	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.3
9- 3	do	1.6	.59	.....	.9
9-18	do	2.6	.51	.....	1.3
10-14	A. E. Johnston	1.7	.65	.....	1.1
11-17	do	1.1	.76	.....	.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WHITMANS FORK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
1-12	A. E. Johnston	2.0	0.80	.....	1.6
2-17	do	1.9	.68	.....	1.3
3-18	C. E. Franklin	3.1	.43	.....	1.3
3-31	do	2.9	.25	.....	.7
4-16	do	3.3	.64	.....	2.1
6-26	do	1.3	.44	.....	.6
7-13	do	1.2	.33	.....	.4
8- 7	do	2.2	.69	.....	1.5
10-13	A. E. Johnston	.9	.78	.....	.7
11- 4	do	1.0	1.21	.....	1.2

WILLOW CREEK  
Sec. 3, Twp. 1, Rge. 10 W.

<b>1923</b>					
1- 7	A. E. Johnston	21.2	0.71	.....	15.2
8-20	do	10.7	.83	.....	16.4
<b>1924</b>					
6-23	A. E. Johnston	21.5	0.92	.....	19.8
<b>1925</b>					
3-18	A. E. Johnston	24.4	0.56	.....	13.7
10- 9	do	50.1	.63	.....	31.6
<b>1926</b>					
3-12	A. E. Johnston	27.7	0.50	.....	13.9
4- 2	do	21.5	.71	.....	15.3
4-22	do	30.9	.51	.....	15.7
5-15	do	30.9	.47	.....	14.5
6- 8	do	24.5	.52	.....	12.7
7-17	do	15.6	.51	.....	8.0
9-23	do	20.3	1.28	.....	26.0
10-16	do	18.8	1.27	.....	23.9

WILLOW CREEK  
Sec. 15, Twp. 14, Rge. 35 W.

<b>1924</b>					
7-17	A. E. Johnston	0.8	1.35	.....	1.1
<b>1925</b>					
6-27	A. E. Johnston	0.9	1.12	.....	1.0
8-27	do	1.0	1.20	.....	1.2
9-24	do	.9	1.21	.....	1.0



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WILLOW CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
2-10	A. E. Johnston	1.3	1.23	.....	1.6
3-17	do	1.1	.91	.....	1.0
4- 8	do	1.6	.88	.....	1.4
4-28	do	.4	.85	.....	.3
5-19	do	.9	1.20	.....	1.2
6-12	do	1.1	1.03	.....	1.4
6-26	do	1.3	1.01	.....	1.4
7-22	do	.7	1.34	.....	.9
7-31	do	1.8	.67	.....	1.2
8-21	do	.7	1.10	.....	.8
9- 1	do	1.0	1.40	.....	1.4
9-28	do	1.0	1.10	.....	1.1
10-25	do	1.0	1.10	.....	1.1
<b>1927</b>					
4- 7	A. E. Johnston	1.3	1.46	.....	1.9
4-18	do	1.1	1.19	.....	1.3
5- 5	do	1.0	1.20	.....	1.2
5-20	do	1.0	1.34	.....	1.3
6-14	do	1.1	1.27	.....	1.4
6-30	do	.9	1.33	.....	1.2
7-15	do	.8	1.50	.....	1.2
8- 6	do	1.4	.71	.....	1.0
8-23	do	.9	1.51	.....	1.5
9-14	do	1.0	1.70	.....	1.7
10- 6	do	.9	1.48	.....	1.4
10-12	do	.8	1.75	.....	1.4
10-28	do	1.2	1.50	.....	1.8
11-16	do	1.0	1.40	.....	1.4
11-28	do	1.0	1.30	.....	1.3
12-10	do	.7	1.57	.....	1.1
12-23	do	1.0	1.30	.....	1.3
<b>1928</b>					
1-10	A. E. Johnston	1.0	2.30	.....	2.3
1-23	do	1.1	1.54	.....	1.7
2- 2	do	1.4	1.71	.....	2.4
2-28	do	2.1	1.52	.....	3.2
3- 7	do	1.6	1.25	.....	2.0
3-27	do	1.3	1.46	.....	1.9
4-24	do	.9	1.44	.....	1.3
5-29	do	1.0	1.00	.....	1.1
6- 8	do	.9	1.61	.....	1.5
6-27	do	1.0	1.90	.....	1.9
7-18	do	1.3	1.08	.....	1.4
7-26	do	1.1	1.54	.....	1.7
8- 9	do	1.2	1.25	.....	1.5
8-28	do	.9	1.89	.....	1.7
9- 3	do	1.0	1.40	.....	1.4
9-17	do	1.0	1.00	.....	1.0
10-17	do	1.8	1.05	.....	1.9
11-24	do	1.2	1.50	.....	1.8
12-18	do	1.3	1.38	.....	1.8

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

## WILLOW CREEK

Sec. 3, Twp. 19, Rge. 56 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
9-27	A. E. Johnston	0.5	0.50	.....	0.2

## WILLOW CREEK

Sec. 16, Twp. 19, Rge. 56 W.

1923					
9-27	A. E. Johnston	1.7	1.30	.....	2.2

## WINTERS CREEK

Sec. 19, Twp. 22, Rge. 54 W.

1919					
5-20	T. C. Palmer	19.9	2.02	.....	40.02
5-28	do	17.8	2.28	.....	40.68
6-10	do	21.4	2.29	.....	40.08
6-25	do	15.8	3.33	.....	52.80
7- 1	do	27.6	2.46	.....	68.10
7-21	do	31.2	2.29	.....	71.46
7-29	do	34.9	2.12	.....	73.87
8-22	do	43.9	1.73	.....	75.57
8-25	do	40.0	1.74	.....	69.66
8-26	do	39.0	1.84	.....	71.70
8-26	do	37.4	2.01	.....	75.44
9- 3	do	47.3	1.76	.....	83.65
9- 8	do	40.0	1.94	.....	77.52
9-23	do	29.4	3.20	.....	94.03
9-30	do	28.9	2.80	.....	80.87
10- 8	do	28.6	2.83	.....	80.98
10-17	do	32.9	2.73	.....	89.92
10-29	do	34.4	2.54	.....	87.38
11- 5	do	32.0	2.62	.....	83.85
1920					
1- 5	T. C. Palmer	17.9	3.30	.....	59.2
1-14	do	16.2	3.66	.....	59.3
1-16	do	18.4	3.67	.....	67.5
2-11	Palmer and Kelly	25.7	1.86	.....	47.8
4- 9	Baumgartner and Palmer	18.5	3.35	1.30	62.0
4-30	do	20.1	2.60	1.40	52.5
6- 9	T. C. Palmer	6.2	1.70	.20	10.6
6-18	do	3.5	3.06	.15	10.7
6-29	do	5.0	3.99	.50	19.9
7-13	do	5.0	4.55	.60	22.7
7-27	do	4.5	3.55	.50	15.9
8-16	do	4.0	1.69	.....	6.7
9- 8	do	10.0	3.68	1.30	36.8
9-25	do	5.0	4.03	.....	20.1
9-29	do	11.5	5.13	1.68	58.9
10-23	do	12.5	5.46	1.70	68.2
11- 8	do	11.5	4.88	1.65	56.1
11-29	do	12.0	4.89	1.70	58.6
12-13	do	11.0	4.60	1.60	50.6
12-31	do	10.5	4.61	1.50	48.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WINTERS CREEK TO RIVER  
Sec. 19, Twp. 22, Rge. 54 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
1-11	T. C. Palmer	10.5	4.03	1.45	42.3
2- 3	do	10.5	4.45	1.45	46.7
2-18	do	10.5	3.93	1.40	41.2
3- 7	do	10.0	4.46	1.40	44.6
3-23	do	10.0	3.77	1.45	37.7
4-11	do	12.0	4.48	1.60	53.7
4-28	do	11.0	4.79	1.55	52.7
5-10	do	9.5	4.40	.....	41.8
6- 9	Palmer and Atkins	12.5	4.75	1.80	59.3
6-22	T. C. Palmer	20.4	2.32	.....	47.3
7- 6	do	5.0	.95	.40	4.7
8- 8	do	10.0	2.79	1.10	27.9
8-19	do	10.0	4.26	.....	42.6
8-29	do	12.5	.47	.....	58.6
9-27	do	16.5	5.73	.....	94.3
10- 5	do	11.5	4.47	.....	51.3
10-26	do	13.0	4.55	.....	59.2
11- 7	do	12.5	4.26	.....	53.4
11-29	do	11.0	4.35	.....	47.9
12-19	do	11.5	4.27	.....	49.1
<b>1922</b>					
1- 9	T. C. Palmer	10.0	3.37	.....	32.0
2- 6	do	10.0	3.72	.....	37.0
3- 6	do	10.0	4.67	.....	45.0
3-23	do	11.0	3.40	.....	36.0
4- 5	do	11.0	3.65	.....	38.0
5- 3	do	10.0	3.46	.....	35.0
5-25	do	12.0	4.18	.....	49.0
6- 7	do	11.0	3.62	.....	38.0
6-14	do	12.0	4.23	.....	49.0
7-14	do	15.0	4.14	.....	62.0
7-24	Palmer and Finley	6.0	1.78	.....	11.0
8-25	T. C. Palmer	5.0	2.58	.....	12.0
8-29	Palmer and McPherran	7.0	1.71	.....	11.0
9- 1	T. C. Palmer	8.0	2.98	.....	24.0
9-13	Palmer and Easterday	10.0	4.40	.....	44.0
9-28	T. C. Palmer	8.0	5.41	.....	95.0
10- 4	A. E. Johnston	.....	.....	.....	95.0
11-15	do	.....	.....	.....	80.0
12-15	do	.....	.....	.....	66.0
12-27	do	.....	.....	.....	57.0
<b>1923</b>					
1-23	A. E. Johnston	20.3	2.84	.....	57.7
2-14	do	16.5	2.42	.....	40.1
3- 7	do	14.1	3.06	.....	43.2
4- 3	do	14.4	2.34	.....	33.7
4-28	do	15.0	2.42	.....	36.3

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WINTERS CREEK TO RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-11	A. E. Johnston	23.9	2.50	.....	59.7
5-31	E. F. Ketcham	22.7	2.49	.....	56.6
6-18	do	36.8	2.87	.....	105.7
7-11	A. E. Johnston	23.4	2.80	.....	65.5
7-26	do	33.6	2.40	.....	80.7
8-16	E. F. Ketcham	38.7	2.41	.....	93.5
8-28	A. E. Johnston	27.7	2.10	.....	58.4
10- 2	do	34.4	.35	0.5	12.3
10-26	do	34.3	2.48	.....	102.3
11- 2	A. H. Atkins	28.0	2.09	.....	58.7
11- 5	do	60.8	1.66	.....	60.8
11- 7	do	31.1	2.01	.....	62.7
11-17	A. E. Johnston	28.6	2.64	.....	75.6
11-19	A. H. Atkins	32.2	1.45	.....	46.9
11-21	do	31.2	1.50	.1	46.9
12- 3	do	27.5	1.64	.3	45.3
12- 5	do	30.7	1.75	.3	53.9
12-14	Johnston and Hall	30.2	1.95	.....	59.1
12-27	A. H. Atkins	20.0	2.85	.....	57.1
<b>1924</b>					
1-17	A. E. Johnston	23.3	1.88	.....	43.3
1-31	do	19.2	1.53	.....	29.5
2-16	do	26.5	2.09	.....	55.6
3-21	do	20.2	2.20	.....	44.6
4-11	do	22.3	1.42	.....	53.9
4-16	do	21.2	2.80	.....	59.5
5- 9	do	24.3	2.12	.....	51.6
6-10	do	27.3	2.86	.....	78.1
7- 3	do	20.5	2.50	.....	51.3
7- 9	do	14.9	2.53	.....	37.7
7-25	C. G. Hrubesky	24.3	2.20	.....	53.6
8-11	do	30.6	3.00	.....	91.4
8-28	A. E. Johnston	25.2	2.40	.....	62.6
9- 4	C. G. Hrubesky	22.9	1.57	0.3	36.1
9-19	A. E. Johnston	42.7	2.99	.....	127.8
10-15	do	43.8	2.49	.....	108.8
10-31	do	33.4	2.41	.....	80.0
11-19	do	24.0	3.11	.....	74.7
12-17	do	25.9	2.51	.....	65.2
<b>1925</b>					
1- 9	A. E. Johnston	21.5	2.74	.....	61.3
2- 5	do	25.6	2.53	.....	64.7
3- 5	do	24.9	2.52	.....	62.9
4- 3	do	20.4	2.54	.....	51.9
4-24	Johnston and Franklin	17.7	2.77	.....	49.1

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WINTERS CREEK TO RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5- 5	A. W. Hall	30.2	1.63	.....	52.1
5-19	do	13.7	2.13	.....	29.1
6- 4	do	13.4	1.43	.....	19.2
6-30	do	14.7	2.36	0.60	34.8
7-22	do	31.7	2.22	.....	70.3
7-30	do	21.6	2.48	.....	53.4
9- 2	do	21.0	1.98	.....	41.5
9-30	A. E. Johnston	31.0	4.82	.....	15.0
10-19	do	25.9	3.64	.....	94.4
11-13	do	25.4	3.25	.....	82.8
12- 4	do	24.1	3.02	.....	73.1
<b>1925</b>					
1-26	A. E. Johnston	20.4	2.70	.....	75.3
2-25	do	21.4	2.86	.....	61.4
3-17	A. W. Hall	28.6	1.94	0.80	55.6
4- 7	do	26.3	2.12	.80	55.7
5- 4	do	.....	.....	.45	.....
5- 6	do	21.0	2.38	.78	50.2
5-19	do	11.4	1.52	.20	17.4
6- 4	do	32.6	2.25	1.10	73.6
6-21	do	17.9	2.84	.90	50.8
7-10	do	37.6	3.36	1.40	88.5
7-21	do	29.0	2.81	1.10	81.6
8-12	do	14.1	1.66	.40	23.5
8-27	do	22.0	1.87	.15	41.3
9-14	do	30.8	2.65	1.30	81.8
10- 7	A. E. Johnston	34.7	3.11	.40	108.6
10-26	A. W. Hall	29.4	3.26	1.30	95.6
11-16	do	29.8	3.15	1.45	94.1
<b>1927</b>					
1- 5	A. W. Hall	20.0	2.62	0.35	52.5
1-26	do	23.3	2.31	.....	53.9
2-22	do	26.2	2.28	1.10	59.9
3-10	do	21.8	2.20	.90	48.2
3-28	A. E. Johnston	35.2	1.55	.80	54.7
4-26	do	27.7	2.43	.90	67.4
5-12	A. W. Hall	21.3	2.58	.40	54.9
5-24	do	22.3	3.30	.90	66.9
6-15	do	28.5	3.24	1.30	92.4
7- 6	do	13.0	2.50	.40	32.5
8- 2	do	38.1	4.22	.....	161.0
8-24	do	15.3	2.18	.60	33.2
10-19	C. E. Franklin	31.4	2.92	.....	91.8
11- 7	A. W. Hall	32.9	2.79	1.25	91.9
11-22	do	31.4	2.20	.....	69.1
12- 5	do	24.6	1.85	1.00	45.9

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WINTERS CREEK TO RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-22	C. E. Franklin	26.2	2.14	.....	56.3
2-10	A. W. Hall	23.8	2.38	0.90	56.6
3-19	do	27.2	2.38	.85	64.8
4- 5	do	23.2	2.34	.85	54.4
4-19	do	21.0	2.38	.80	50.0
5- 2	do	33.2	2.37	1.00	78.6
5-18	do	26.9	2.28	1.00	61.2
6- 7	do	10.7	1.92	.85	20.6
7- 5	do	7.1	1.50	.10	10.8
8- 2	do	29.5	2.22	.80	65.7
8-23	do	12.2	2.08	.30	25.5
9-26	do	51.2	2.27	1.40	116.4
10-17	do	38.7	2.52	1.45	97.6
11-15	C. E. Franklin	34.2	2.07	.....	70.8
11-26	do	33.4	2.18	.....	73.5
12- 3	do	33.4	1.91	.....	64.0

WINTERS CREEK  
Sec. 19, Twp. 22, Rge. 54 W.  
Above Winters Creek Canal

<b>1921</b>					
6-23	T. C. Palmer	20.4	2.32	.....	47.3
7- 6	do	36.4	2.10	.....	76.3
7-12	do	.....	.....	.....	57.0
8- 8	do	38.4	1.96	.....	75.3
8-19	do	50.6	1.61	.....	90.5
8-29	do	41.8	2.57	.....	107.6
<b>1922</b>					
7-24	Palmer and Finley	48.0	1.11	.....	53.0
8-25	T. C. Palmer	45.0	2.09	.....	93.0
8-29	Palmer and McPherran	48.0	1.87	.....	90.0
9- 1	T. C. Palmer	44.0	2.06	.....	91.0
9-13	Palmer and Easterday	49.0	2.09	.....	103.0
9-19	T. C. Palmer	40.0	3.02	.....	120.0
10- 4	A. E. Johnston	.....	.....	.....	127.0
<b>1924</b>					
6-10	A. W. Hall	36.6	1.99	.....	73.1
7- 9	do	37.8	2.00	.....	75.7
7-25	C. G. Hrubesky	41.6	2.39	.....	85.7
8-11	do	52.8	2.13	.....	113.4
8-28	A. E. Johnston	43.0	2.49	.....	107.4
9- 4	C. G. Hrubesky	58.4	2.31	.....	134.6
<b>1925</b>					
5-19	A. W. Hall	29.5	1.68	.....	49.5
6- 4	do	36.5	1.52	.....	55.4
6-19	do	32.9	2.60	.....	85.9
6-30	do	27.2	2.00	.....	54.4

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WINTERS CREEK  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1925</b>					
7-12	Hall and Finley	40.8	2.14	.....	87.3
7-22	A. W. Hall	45.4	2.14	2.50	97.4
7-30	do	40.8	2.11	2.30	86.3
9- 2	do	48.4	2.15	3.30	194.8
<b>1926</b>					
5-19	A. W. Hall	21.6	2.10	1.90	45.5
6- 4	do	21.3	1.32	1.70	28.1
7-10	do	33.0	2.56	.....	84.5
7-21	do	43.5	2.48	.....	108.0
8-12	do	40.4	1.18	.....	47.7
8-27	do	64.6	2.23	.....	144.2
<b>1928</b>					
7- 5	A. W. Hall	37.6	1.91	2.60	71.1
8- 2	do	35.6	2.28	.....	81.0
8-23	do	35.5	2.22	.....	78.7
8-29	do	40.2	2.50	.....	100.9

WOOD RIVER  
Sec. 7, Twp. 9, Rge. 15 W.  
Near Kearney

<b>1923</b>					
6-28	A. H. Atkins	9.7	1.52	.....	14.8
7-12	E. F. Ketcham	2.0	.64	.....	13.0
8-14	A. E. Johnston	31.9	1.01	.....	32.5

WOOD RIVER  
Sec. 22, Twp. 12, Rge. 7 W.  
Near Chapman

<b>1924</b>					
5-27	A. E. Johnston	30.9	0.73	.....	22.7
6-21	do	45.0	1.33	.....	60.2
<b>1925</b>					
3-17	A. E. Johnston	55.0	1.40	.....	77.0
4-11	do	45.0	1.74	.....	90.0
5-14	do	28.0	1.44	.....	40.0
6-10	do	15.0	1.30	.....	20.0
7- 2	do	19.0	1.34	.....	26.0
8- 8	do	7.7	.95	.....	7.3
8-31	do	10.9	1.11	.....	12.1
9-21	do	4.2	.91	.....	3.8
10- 4	do	6.1	1.13	.....	6.9
<b>1926</b>					
2-13	A. E. Johnston	32.3	1.31	.....	81.9
3- 9	do	18.4	1.36	.....	25.0
3-31	do	11.6	1.41	.....	16.4
4-20	do	13.3	1.48	.....	19.7
5-12	do	14.3	1.07	.....	15. "

MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WOOD RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. -Ft.
<b>1926</b>					
6- 4	A. E. Johnston	17.6	1.16	.....	20.5
6-22	do	38.4	.51	.....	19.7
7-14	do	25.8	1.12	.....	28.9
8- 5	do	10.4	.58	.....	6.0
8-26	do	34.0	.94	.....	32.0
9-20	do	27.6	.73	.....	20.3
10-20	do	9.3	1.38	.....	12.8
11- 9	do	10.6	1.29	.....	13.7
<b>1927</b>					
3-21	A. W. Hall	6.2	1.60	.....	9.0
4-11	A. E. Johnston	27.3	3.10	.....	84.4
5-12	do	62.0	1.52	.....	94.1
6- 4	do	52.3	1.63	.....	85.0
7- 7	do	14.4	1.30	.....	18.7
8-15	do	12.9	1.46	.....	18.8
<b>1928</b>					
12-14	A. E. Johnston	38.8	0.73	.....	28.2

WOOD RIVER  
Sec. 5, Twp. 9, Rge. 16 W.

<b>1922</b>					
4-22	A. E. Johnston	18.0	0.51	.....	9.0
5-20	do	62.0	1.26	.....	15.0
6- 7	do	28.0	1.39	.....	38.0
6-23	do	10.0	1.09	.....	11.0
7- 7	do	65.0	1.87	.....	122.0
7-26	do	9.0	.63	.....	6.0
8-10	do	8.0	.76	.....	6.0
8-26	do	8.0	.57	.....	5.0
10-20	do	.....	.....	.....	2.0
<b>1923</b>					
1- 8	A. E. Johnston	8.0	0.87	.....	7.0
3-24	do	10.0	1.11	.....	11.0
4-13	do	7.0	1.26	.....	8.0
5-22	do	35.0	1.30	.....	46.0
6- 2	do	88.0	2.28	.....	201.0
<b>1927</b>					
8-11	A. E. Johnston	3.0	1.53	.....	4.0

WOOD RIVER  
Sec. 8, Twp. 10, Rge. 10 W.

<b>1922</b>					
7-26	A. E. Johnston	4.4	0.77	.....	3.4
10-20	do	.....	.....	.....	.9



## MEASUREMENTS OF MISCELLANEOUS STREAMS—Continued

WOOD RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. -Ft.
<b>1925</b>					
4-13	A. E. Johnston	14.9	1.16	.....	17.4
5-14	do	12.9	1.06	.....	13.7
6-10	do	5.1	.72	.....	3.7
8- 8	do	3.9	.49	.....	1.9
8-31	do	5.4	.74	.....	4.0
10- 4	do	1.8	.27	.....	.5
<b>1926</b>					
2-13	A. E. Johnston	41.2	0.96	.....	39.7
8- 5	do	.....	.....	.....	.0
8-25	do	17.0	.85	.....	14.5
10-21	do	2.7	.59	.....	1.6
11- 8	do	2.8	.68	.....	1.9
<b>WOOD RIVER</b>					
Sec. 13, Twp. 10, Rge. 12 W.					
<b>1923</b>					
6-28	A. H. Atkins	28.0	1.60	.....	45.0
7-26	E. F. Ketcham	101.0	.32	.....	33.0
8-10	A. H. Atkins	7.0	1.72	.....	11.0
<b>1924</b>					
6-21	A. E. Johnston	222.0	1.03	.....	229.0
<b>1928</b>					
10-11	A. E. Johnston	.....	.....	.....	0.0
12-14	do	.....	.....	.....	.0
<b>WOOD RIVER</b>					
Sec. 12, Twp. 9, Rge. 16 W.					
<b>1922</b>					
7-26	A. E. Johnston	5.9	0.45	.....	2.7
10-20	do	.....	.....	.....	2.9
<b>1923</b>					
11- 7	A. E. Johnston	14.7	4.57	.....	67.3
<b>1925</b>					
5-11	A. E. Johnston	17.2	0.57	.....	9.8
<b>1926</b>					
4-24	A. E. Johnston	17.5	2.74	.....	4.8
7-25	R. F. Nosky	3.8	.77	.....	2.9
<b>1927</b>					
5- 9	A. E. Johnston	16.0	0.96	.....	15.3
6- 8	do	12.2	.85	.....	10.4
7- 5	do	17.2	1.06	.....	18.2
8-11	do	7.9	1.65	.....	4.8
9-10	do	50.2	1.77	.....	89.2
10- 1	do	8.1	.46	.....	3.7
10-20	do	7.0	.40	.....	2.8
11-12	do	6.9	.52	.....	3.6
11-30	do	10.8	.54	.....	5.9

## MEASUREMENTS OF MISCELLANEOUS STREAMS—Concluded.

WOOD RIVER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
3-12	A. E. Johnston	15.1	0.48	.....	7.3
4-19	do	9.0	.53	.....	4.8
5-23	do	20.1	1.02	.....	20.6
8- 6	do	3.6	.94	.....	3.4
10-11	do	6.2	.13	.....	.8
10-31	do	6.0	.50	.....	3.0
12- 8	do	5.6	.19	.....	1.1

WOOD RIVER  
Sec. 22, Twp. 11, Rge. 9 W.

<b>1927</b>					
9- 8	A. E. Johnston	14.7	1.13	.....	16.6
9-28	do	16.2	.29	.....	4.3
10-22	do	3.0	1.30	.....	3.9
11-10	do	2.9	1.24	.....	2.6
12- 2	do	1.9	.89	.....	1.7
<b>1928</b>					
3-15	A. E. Johnston	6.3	1.35	.....	8.5
4-11	do	3.7	1.19	.....	4.4
5-18	do	8.1	1.47	.....	11.9
6-13	do	14.1	1.54	.....	21.7
7-31	do	4.5	1.11	.....	5.0
10-10	do	6.2	.90	.....	5.6
11-14	do	5.9	1.38	.....	8.2
12-14	do	4.6	.72	.....	3.3

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, ARAPAHOE MILL WASTE—1925  
Sec. 27, Twp. 4, Rge. 23 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	109	109	109	96	96	100	50	54	100	93	93	100
2	109	109	109	96	96	100	50	54	100	93	93	100
3	109	109	109	96	96	100	50	54	100	93	93	100
4	109	109	109	96	96	100	50	54	100	93	93	100
5	109	109	109	96	96	100	50	54	100	93	93	100
6	109	109	109	96	96	100	50	54	100	93	93	100
7	109	109	109	96	96	100	50	54	100	93	93	100
8	109	109	109	96	96	100	50	54	100	93	93	100
9	109	109	109	96	96	100	50	54	100	93	93	100
10	109	109	109	96	96	100	50	54	100	93	93	100
11	109	109	109	96	96	176	0	75	90	93	93	100
12	109	109	109	96	96	176	0	73	90	93	93	100
13	109	109	109	96	96	176	0	73	90	93	93	100
14	109	109	109	96	96	176	0	73	90	93	93	100
15	109	109	109	96	96	176	0	73	90	93	93	100
16	109	109	109	96	96	176	0	73	90	93	93	100
17	109	109	109	96	96	176	0	73	90	93	93	100
18	109	109	109	96	96	176	0	73	90	93	93	100
19	109	109	109	96	96	176	0	73	90	93	93	100
20	109	109	109	96	96	176	0	73	90	93	93	100
21	109	109	109	96	100	100	0	114	79	93	93	100
22	109	109	109	96	100	100	0	114	79	93	93	100
23	109	109	109	96	100	100	0	114	79	93	93	100
24	109	109	109	96	100	100	0	114	79	93	93	100
25	109	109	109	96	100	100	0	114	79	93	93	100
26	109	109	109	96	100	100	0	114	79	93	93	100
27	109	109	109	96	100	100	0	114	79	93	93	100
28	109	109	109	96	100	100	0	114	79	93	93	100
29	109	.....	109	96	100	100	0	114	79	93	93	100
30	109	.....	109	96	100	100	0	114	79	93	93	100
31	109	.....	109	.....	100	.....	0	114	.....	93	.....	100
Mean	109	109	109	96	97	125	16	62	89	93	93	100
Max.	109	109	109	96	100	176	50	114	100	93	93	100
Min.	109	109	109	96	96	100	0	54	79	93	93	100
A. F.	6702	6054	6792	5712	5990	7458	902	5046	5336	5718	5334	6149
Total Acre Feet	67,283.											

DISCHARGE IN SECOND FEET, ARICKAREE RIVER—1925  
Sec. 28, Twp. 1, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.9	3.7	50.8	21.8	9.8	17.4	0.0	1.7	0.5	22.5	13.2	5.0
2	1.9	3.7	50.8	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
3	1.9	3.7	50.8	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
4	1.9	3.7	50.8	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
5	1.9	3.7	50.8	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
6	1.9	3.7	50.8	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
7	1.9	3.7	50.8	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
8	1.9	3.7	50.8	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
9	1.9	3.7	50.8	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
10	1.9	3.7	50.8	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
11	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	.5	22.5	13.2	5.0
12	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	.5	22.5	13.2	5.0
13	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	.5	22.5	13.2	5.0
14	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	.5	22.5	13.2	5.0
15	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	.5	22.5	13.2	5.0
16	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	15.3	22.5	13.2	5.0
17	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	15.3	22.5	13.2	5.0
18	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	15.3	22.5	13.2	5.0
19	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	15.3	22.5	13.2	5.0
20	1.9	3.7	50.8	21.8	9.8	17.4	.0	2.0	15.3	22.5	13.2	5.0
21	1.9	3.7	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
22	1.9	3.7	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
23	1.9	3.7	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
24	1.9	3.7	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
25	1.9	3.7	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
26	1.9	3.7	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
27	1.9	3.7	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
28	1.9	3.7	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
29	1.9	.....	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
30	1.9	.....	30.0	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
31	1.9	.....	30.0	.....	9.8	.....	.0	3.8	.....	22.5	.....	5.0
Mean	1.9	3.7	43.0	21.8	9.8	17.4	0.0	2.5	7.9	22.5	13.2	5.0
Max.	1.9	3.7	50.8	21.8	9.8	17.4	.0	3.8	15.3	22.5	13.2	5.0
Min.	1.9	3.7	30.0	21.8	9.8	17.4	.0	1.7	.5	22.5	13.2	5.0
A. F.	119	2055	2670	1297	603	1035	0	156	471	1384	785	307
Total Acre Feet	10,882.											

# HYDROGRAPHIC REPORT—1928

501

## DISCHARGE IN SECOND FEET, ARICKAREE RIVER—1926 Sec. 28, Twp. 1, Rge. 41 W.

Date	* Jan.	* Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	4	17	22	6	17	20	0.5	1	4	9	5
2	2	4	17	22	6	17	20	.5	1	4	9	5
3	2	4	17	22	6	17	20	.5	1	4	9	5
4	2	4	17	22	6	17	20	.5	1	4	9	5
5	2	4	17	22	6	17	20	.5	1	4	9	5
6	2	4	17	22	6	17	20	.5	1	4	9	5
7	2	4	17	22	6	17	20	.5	1	4	9	5
8	2	4	17	22	6	17	20	.5	1	4	9	5
9	2	4	17	22	6	17	20	.5	1	4	9	5
10	2	4	17	22	6	17	20	.5	1	4	9	5
11	2	4	17	11	17	17	20	.5	10	4	9	5
12	2	4	17	11	17	17	20	.5	10	4	9	5
13	2	4	17	11	17	17	20	.5	10	4	9	5
14	2	4	17	11	17	17	20	.5	10	4	9	5
15	2	4	17	11	17	17	20	.5	10	4	9	5
16	2	4	17	11	17	17	20	.5	10	4	9	5
17	2	4	17	11	17	17	20	.5	10	4	9	5
18	2	4	17	11	17	17	20	.5	10	4	9	5
19	2	4	17	11	17	17	20	.5	10	4	9	5
20	2	4	17	11	17	17	20	.5	10	4	9	5
21	2	4	17	11	4	1	20	.5	4	4	9	5
22	2	4	17	11	4	1	20	.5	4	4	9	5
23	2	4	17	11	4	1	20	.5	4	4	9	5
24	2	4	17	11	4	1	20	.5	4	4	9	5
25	2	4	17	11	4	1	20	.5	4	4	9	5
26	2	4	17	11	4	1	20	.5	4	4	9	5
27	2	4	17	11	4	1	20	.5	4	4	9	5
28	2	4	17	11	4	1	20	.5	4	4	9	5
29	2	---	17	11	4	1	20	.5	4	4	9	5
30	2	---	17	11	4	1	20	.5	4	4	9	5
31	2	---	17	---	4	---	20	.5	---	4	---	5
Mean	2	4	17	15	9	12	20	0.5	5	4	9	5
Max.	2	4	17	22	17	17	20	.5	10	4	9	5
Min.	2	4	17	11	4	1	20	.5	1	4	9	5
A. F.	123	222	1045	873	543	694	1230	30	297	236	525	307

Total Acre Feet 16,125.

\*Estimated.

## DISCHARGE IN SECOND FEET, ARICKAREE RIVER—1927 Sec. 28, Twp. 1, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	32	19	0	18	5	4	9	10	14
2	---	---	---	32	19	0	18	5	4	9	10	14
3	---	---	---	32	19	0	18	5	4	9	10	14
4	---	---	---	32	19	0	18	5	4	9	10	14
5	---	---	---	32	19	0	18	5	4	9	10	14
6	---	---	---	32	19	0	18	5	4	9	25	14
7	---	---	---	32	19	0	18	5	4	9	25	14
8	---	---	---	32	19	0	18	5	4	9	25	14
9	---	---	---	32	19	0	18	5	4	9	25	14
10	---	---	---	32	19	0	28	5	4	9	25	14
11	---	---	---	32	19	0	28	5	4	9	25	14
12	---	---	---	32	19	0	28	5	4	9	25	14
13	---	---	---	32	19	0	28	5	4	9	25	14
14	---	---	---	32	19	0	28	5	4	9	25	14
15	---	---	---	32	19	0	28	5	4	9	25	14
16	---	---	---	32	19	0	28	5	4	9	15	4
17	---	---	---	32	19	0	28	5	4	9	15	4
18	---	---	---	32	19	0	28	5	4	9	15	4
19	---	---	---	32	19	0	28	5	4	9	15	4
20	---	---	---	32	19	0	28	5	4	9	15	4
21	---	---	---	47	0	18	12	5	13	9	15	4
22	---	---	---	47	0	18	12	5	13	9	15	4
23	---	---	---	47	0	18	12	5	13	9	15	4
24	---	---	---	47	0	18	12	5	13	9	15	4
25	---	---	---	47	0	18	12	5	13	9	15	4
26	---	---	---	47	0	18	12	5	13	9	15	4
27	---	---	---	47	0	18	12	5	13	9	15	4
28	---	---	---	47	0	18	12	5	13	9	15	4
29	---	---	---	47	0	18	12	5	13	9	15	4
30	---	---	---	47	0	18	12	5	13	9	15	4
31	---	---	---	---	0	---	12	5	---	9	---	4
Mean	---	---	---	37	12.2	6	19	5	7	9	17.5	8.8
Max.	---	---	---	47	19	18	28	5	13	9	25	14
Min.	---	---	---	32	0	0	12	5	4	9	10	4
A. F.	---	---	---	2201	753	357	1174	307	416	553	1041	543

\*No Record.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, ARICKAREE RIVER—1928  
Sec. 28, Twp. 1, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	42	24	12	12	51	11	11	30	6	27	16
2	9	42	24	12	12	51	11	11	30	6	27	16
3	9	42	24	12	12	51	11	11	30	6	27	16
4	9	42	24	12	12	51	11	11	30	6	27	16
5	9	42	24	12	12	51	11	11	30	6	27	16
6	9	42	24	12	12	51	11	11	30	6	27	16
7	9	42	24	12	12	51	11	11	30	6	27	16
8	9	42	24	12	12	51	11	11	30	6	27	16
9	9	42	24	12	12	51	11	11	30	6	27	16
10	9	42	24	12	12	51	11	11	30	6	27	16
11	9	42	24	12	12	51	11	11	30	6	27	16
12	9	42	24	12	12	51	11	11	30	6	27	16
13	9	42	24	12	12	51	11	11	30	6	27	16
14	9	42	24	12	12	51	11	11	30	6	27	16
15	9	42	24	12	12	51	11	11	30	6	27	16
16	9	42	24	12	12	51	11	11	7	16	19	16
17	9	42	24	12	3200	51	11	11	7	16	19	16
18	9	42	24	12	300	51	11	11	7	16	19	16
19	9	42	24	12	200	51	11	11	7	16	19	16
20	9	42	24	12	50	51	11	11	7	16	19	16
21	9	42	30	12	35	51	26	11	7	16	19	16
22	9	42	30	12	35	51	26	11	7	16	19	16
23	9	42	30	12	35	51	26	11	7	16	19	16
24	9	42	30	12	35	51	26	11	7	16	19	16
25	9	42	30	12	35	51	26	11	7	16	19	16
26	9	42	30	12	35	51	26	11	7	16	19	16
27	9	42	30	12	35	51	26	11	7	16	19	16
28	9	42	30	12	35	51	26	11	7	16	19	16
29	9	42	30	12	35	51	26	11	7	16	19	16
30	9	---	30	12	35	51	26	11	7	16	19	16
31	9	---	30	---	35	---	26	11	---	16	---	16
Mean	9	42	26	12	139.5	51	16	11	19	11	33	16
Max.	9	42	30	12	3200	51	26	11	30	16	27	16
Min.	9	42	24	12	12	51	11	11	7	6	19	16
A. F.	553	2396	1697	714	9574	3035	1004	676	1100	686	1368	984
Total Acre Feet	23,697.											

DISCHARGE IN SECOND FEET, ARNOLD DRAIN—1924  
Sec. 12, Twp. 24, Rge. 61 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	10	8	6	4	4	4	4	6	11	11	12
2	10	10	8	6	4	4	4	4	6	11	11	12
3	10	10	8	6	4	4	4	4	6	11	11	12
4	10	10	8	6	4	4	4	4	6	11	11	12
5	10	10	8	6	4	4	4	4	6	11	11	12
6	10	10	8	6	4	4	4	4	8	11	11	12
7	10	10	8	6	4	4	4	4	8	11	11	12
8	10	10	8	6	4	4	4	4	8	11	11	12
9	10	10	8	6	4	4	4	4	8	11	11	12
10	10	10	8	6	4	4	4	4	8	11	11	12
11	10	9	8	6	4	4	4	4	12	10	11	12
12	10	9	8	6	4	4	4	4	12	10	11	12
13	10	9	8	6	4	4	4	4	12	10	11	12
14	10	9	8	6	4	4	4	4	12	10	11	12
15	10	9	8	6	4	4	4	4	12	10	11	12
16	10	9	8	5	4	4	4	4	13	10	11	12
17	10	9	8	5	4	4	4	4	14	10	11	12
18	10	9	8	5	4	4	4	4	14	10	11	12
19	10	9	8	5	4	4	4	4	14	10	11	12
20	10	9	8	5	4	4	4	4	13	10	11	12
21	10	9	7	5	4	4	4	4	13	10	11	12
22	10	9	7	5	4	4	4	4	13	10	11	12
23	10	9	7	5	4	4	4	4	13	10	11	12
24	10	9	7	5	4	4	4	4	13	10	11	12
25	10	9	7	5	4	4	4	4	13	10	11	12
26	10	9	7	5	4	4	4	4	12	10	11	12
27	10	9	7	5	4	4	4	4	12	10	11	12
28	10	9	7	5	4	4	4	4	12	10	11	12
29	10	9	7	5	4	4	4	4	12	10	11	12
30	10	---	7	5	4	4	4	4	12	10	11	12
31	10	---	7	---	4	---	4	4	---	10	---	12
Mean	10	9	8	6	4	4	4	4	11	10	11	12
Max.	10	10	8	6	4	4	4	4	14	11	11	12
Min.	10	9	7	5	4	4	4	4	6	10	11	12
A. F.	614	590	470	327	245	238	245	245	640	634	654	737
Total Acre Feet	5,569.											

# HYDROGRAPHIC REPORT—1928

503

## DISCHARGE IN SECOND FEET, ARNOLD DRAIN—1925

Date	Sec. 12, Twp. 24, Rge. 61 W., Wyoming											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D.c.
1	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
2	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
3	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
4	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
5	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
6	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
7	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
8	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
9	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
10	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
11	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
12	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
13	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
14	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
15	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
16	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
17	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
18	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
19	12.0	15.2	8.3	1.2	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
20	12.0	15.2	8.3	1.2	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
21	12.0	15.2	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
22	12.0	15.2	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
23	12.0	15.2	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
24	12.0	15.2	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
25	12.0	15.2	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
26	12.0	15.2	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
27	12.0	15.2	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
28	12.0	15.2	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
29	12.0	-----	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
30	12.0	-----	8.3	3.3	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
31	12.0	-----	8.3	-----	4.6	-----	6.9	18.0	-----	17.6	-----	13.2
Mean	12.0	15.2	8.3	1.0	4.6	11.0	6.9	18.0	16.6	17.6	15.0	13.2
Max.	12.0	15.2	8.3	3.3	4.6	13.0	6.9	18.0	16.6	17.6	15.0	13.2
Min.	12.0	15.2	8.3	1.2	4.6	6.3	6.9	18.0	16.6	17.6	15.0	13.2
A. F.	738	844	510	113	283	627	424	1107	988	1082	893	812
Total Acre Feet	8,421.											

## DISCHARGE IN SECOND FEET, ARNOLD DRAIN—1926

Date	Sec. 12, Twp. 24, Rge. 61 W., Wyoming											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D.c.
1	8	11	6	7	1	6	27	19	18	13	15	15
2	8	11	6	7	1	6	27	19	18	13	15	15
3	8	11	6	7	1	6	27	19	18	13	15	15
4	8	11	6	7	1	6	27	19	18	13	15	15
5	8	11	6	7	1	6	27	19	18	13	15	15
6	8	11	6	7	1	6	27	19	18	13	15	15
7	8	11	6	7	1	6	27	19	18	13	15	15
8	8	11	6	7	1	6	27	19	18	13	15	15
9	8	11	6	7	1	6	27	19	18	13	15	15
10	8	11	6	7	1	6	27	19	18	13	15	15
11	8	11	6	7	1	6	27	19	18	13	15	15
12	8	11	6	7	1	6	27	19	18	13	15	15
13	8	11	6	7	1	6	27	19	18	13	15	15
14	8	11	6	7	1	6	27	19	18	13	15	15
15	8	11	6	7	1	6	27	19	18	13	15	15
16	8	11	6	7	1	6	27	19	18	13	15	15
17	8	11	6	7	11	6	27	19	18	13	15	15
18	8	11	6	7	11	6	27	19	18	13	15	15
19	8	11	6	7	11	6	27	19	18	13	15	15
20	8	11	6	7	11	6	27	19	18	13	15	15
21	8	11	6	7	11	13	5	19	18	12	15	15
22	8	11	6	7	11	13	5	19	18	12	15	15
23	8	11	6	7	11	13	5	19	18	12	15	15
24	8	11	6	7	11	13	5	19	18	12	15	15
25	8	11	6	7	11	13	5	19	18	12	15	15
26	8	11	6	7	11	13	5	19	18	12	15	15
27	8	11	6	7	11	13	5	22	18	12	15	15
28	8	11	6	7	11	13	5	22	18	12	15	15
29	8	---	6	7	11	13	5	22	18	12	15	15
30	8	---	6	7	11	13	5	22	18	12	15	15
31	8	---	6	---	11	---	5	22	---	12	---	15
Mean	8	11	6	7	6	8	19	20	18	13	15	15
Max.	8	11	6	7	11	13	27	22	18	13	15	15
Min.	8	11	6	7	1	6	5	19	18	12	15	15
A. F.	503	622	369	416	379	496	1180	1204	1071	777	892	922
Total Acre Feet	8,831.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, ARNOLD DRAIN—1927  
Sec. 12, Twp. 24, Rge. 61 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	0	11	10	8	10	13	21	15	15	19	8
2	4	0	11	10	8	10	13	21	15	15	19	8
3	4	0	11	10	8	10	13	21	15	15	19	8
4	4	0	11	10	8	10	13	21	15	15	19	8
5	4	0	11	10	8	10	13	21	15	15	19	8
6	4	0	11	10	8	10	13	21	15	15	19	8
7	4	0	11	10	8	10	13	21	15	15	19	8
8	4	0	11	10	8	10	13	21	15	15	19	8
9	4	0	11	10	8	10	13	21	15	15	19	8
10	4	0	11	10	8	10	13	21	15	15	19	8
11	4	5	11	10	8	17	13	17	15	15	19	8
12	4	5	11	10	8	17	13	17	15	15	19	8
13	4	5	11	10	8	17	13	17	15	15	19	8
14	4	5	11	10	8	17	13	17	15	15	19	8
15	4	5	11	10	8	17	13	17	15	15	19	8
16	4	5	11	10	8	17	13	17	15	15	8	8
17	4	5	11	10	8	17	13	17	15	15	8	8
18	4	5	11	10	8	17	13	17	15	15	8	8
19	4	5	11	10	8	17	13	17	15	15	8	8
20	4	5	11	10	8	17	13	17	15	15	8	8
21	4	5	17	5	7	17	13	17	15	15	8	8
22	4	5	17	5	7	17	13	17	15	15	8	8
23	4	5	17	5	7	17	13	17	15	15	8	8
24	4	5	17	5	7	17	13	17	15	15	8	8
25	4	5	17	5	7	17	13	17	15	15	8	8
26	4	5	17	5	7	17	13	17	15	15	8	8
27	4	5	17	5	7	17	13	17	15	15	8	8
28	4	5	17	5	7	17	13	17	15	15	8	8
29	4	....	17	5	7	17	13	17	15	15	8	8
30	4	....	17	5	7	17	13	17	15	15	8	8
31	4	....	17	....	7	....	13	17	....	15	....	8
Mean	4	3	13	8	8	14	13	18	15	15	13	8
Max.	4	5	17	10	8	17	13	21	15	15	19	8
Min.	4	0	11	5	7	10	13	17	15	15	9	8
A. F.	246	168	807	496	470	873	799	1125	893	922	803	492
Total Acre Feet	8,094.											

DISCHARGE IN SECOND FEET, ARNOLD DRAIN—1928  
Sec. 12, Twp. 24, Rge. 61 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	12	4	3	5	12	8	14	13	15	8	5
2	12	12	4	3	5	12	8	14	14	15	8	5
3	12	12	4	3	5	12	8	17	14	15	8	5
4	12	12	4	3	5	12	8	18	14	15	8	5
5	12	12	4	3	5	12	8	11	9	15	8	5
6	12	12	4	3	5	12	8	11	9	15	8	5
7	12	12	4	3	5	12	8	7	9	15	8	5
8	12	12	4	3	5	12	8	9	9	15	8	5
9	12	12	4	3	5	12	8	10	9	15	8	5
10	12	12	4	3	5	12	8	7	9	15	8	5
11	12	12	4	3	5	12	8	9	13	15	8	5
12	12	12	4	3	5	12	8	9	13	15	8	5
13	12	12	4	3	5	12	8	9	13	15	8	5
14	12	12	4	3	5	12	8	7	13	15	8	5
15	12	12	4	3	5	12	8	9	13	15	8	5
16	12	12	4	3	4	12	9	7	15	8	8	5
17	12	12	4	3	4	12	9	2	15	8	8	5
18	12	12	4	3	4	12	9	2	15	8	8	5
19	12	12	4	3	4	12	9	5	15	8	8	5
20	12	12	4	3	4	12	9	5	15	8	8	5
21	12	12	4	3	4	12	9	5	15	8	8	5
22	12	12	4	3	4	12	9	12	15	8	8	5
23	12	12	4	3	4	12	10	11	15	8	8	5
24	12	12	4	3	4	12	24	11	15	8	8	5
25	12	12	4	3	4	12	18	14	15	8	8	5
26	12	12	4	3	4	12	15	15	15	8	8	5
27	12	12	4	3	4	12	26	15	15	8	8	5
28	12	12	4	3	4	12	21	14	15	8	8	5
29	12	12	4	3	4	12	18	15	15	8	8	5
30	12	....	4	3	4	12	21	15	15	8	8	5
31	12	....	4	....	4	....	21	14	....	8	....	5
Mean	12	12	4	3	4	12	11	10	13	11	8	5
Max.	12	12	4	3	5	12	26	17	15	15	8	5
Min.	12	12	4	3	4	12	8	2	9	8	8	5
A. F.	788	600	238	179	224	714	708	641	791	684	476	307
Total Acre Feet	6,390.											

# HYDROGRAPHIC REPORT—1928

505

## DISCHARGE IN SECOND FEET, ASH CREEK—1927

Sec. 7, Twp. 32, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	1	3	17	15	9	5	4	4	5	7	*
2	.....	1	3	17	15	9	5	4	4	5	7	.....
3	.....	1	3	17	15	9	5	4	4	5	7	.....
4	.....	1	3	17	15	9	5	4	4	5	7	.....
5	.....	1	3	17	15	9	5	4	4	5	7	.....
6	.....	1	3	17	15	9	5	4	4	5	7	.....
7	.....	1	3	17	15	9	5	4	4	5	7	.....
8	.....	1	3	17	15	9	5	4	4	5	7	.....
9	.....	1	3	17	15	9	5	4	4	5	7	.....
10	.....	1	3	17	15	9	5	4	4	5	7	.....
11	.....	1	3	17	15	9	5	4	4	5	7	.....
12	.....	1	3	17	15	9	5	4	4	5	7	.....
13	.....	1	3	17	15	9	5	4	4	5	7	.....
14	.....	1	3	17	15	9	5	4	4	5	7	.....
15	.....	1	3	17	15	9	5	4	4	5	7	.....
16	.....	1	3	17	15	9	5	4	4	5	7	.....
17	.....	1	3	17	15	9	5	4	4	5	7	.....
18	.....	1	3	17	15	9	5	4	4	5	7	.....
19	.....	1	3	17	15	9	5	4	4	5	7	.....
20	.....	1	3	17	15	9	5	4	4	5	7	.....
21	.....	1	3	17	15	9	5	4	4	5	7	.....
22	.....	1	3	17	15	9	5	4	4	5	7	.....
23	.....	1	3	17	15	9	5	4	4	5	7	.....
24	.....	1	3	17	15	9	5	4	4	5	7	.....
25	.....	1	3	17	15	9	5	4	4	5	7	.....
26	.....	1	3	17	15	9	5	4	4	5	7	.....
27	.....	1	3	17	15	9	5	4	4	5	7	.....
28	.....	1	3	17	15	9	5	4	4	5	7	.....
29	.....	.....	3	17	15	9	5	4	4	5	7	.....
30	.....	.....	3	17	15	9	5	4	4	5	7	.....
31	.....	.....	3	.....	15	.....	5	4	.....	5	.....	.....
Mean	.....	1	3	17	15	9	5	4	4	5	7	.....
Max.	.....	1	3	17	15	9	5	4	4	5	7	.....
Min.	.....	1	3	17	15	9	5	4	4	5	7	.....
A. F.	.....	55	185	1011	922	535	307	246	238	307	416	.....

\*No Record.

## DISCHARGE IN SECOND FEET, BAYARD DRAIN NO. 3 AT C. B. & Q. DEPOT—1919

Sec. 34, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30	25	21	16	9	14	38	57	69	61	49	40
2	30	25	21	16	9	14	39	57	69	60	46	40
3	30	25	21	16	10	15	40	58	70	59	45	40
4	29	24	20	16	10	15	40	58	70	57	44	40
5	29	24	20	15	10	16	41	59	69	56	43	40
6	29	24	20	15	10	16	41	59	68	55	42	40
7	29	24	20	14	10	16	42	60	67	55	42	40
8	28	24	19	14	10	17	43	60	67	54	42	40
9	28	24	19	13	10	17	43	61	66	54	42	40
10	28	24	19	13	10	17	44	61	66	54	42	40
11	28	24	19	13	10	17	45	62	66	53	41	40
12	28	23	19	12	10	18	45	62	65	53	41	40
13	28	23	19	12	10	19	46	62	65	53	41	40
14	27	23	19	12	10	21	46	63	65	53	41	40
15	27	23	19	11	10	22	47	63	65	53	41	40
16	27	23	18	11	10	24	47	63	64	53	41	40
17	27	23	18	10	10	25	48	64	64	53	41	40
18	27	23	18	10	10	26	49	64	64	53	41	40
19	27	22	18	9	10	27	50	64	64	53	41	40
20	27	22	18	9	10	29	51	65	64	53	41	40
21	27	22	17	9	10	30	51	65	63	53	41	40
22	27	22	17	8	10	31	52	66	63	53	41	40
23	27	22	17	8	11	32	52	66	63	53	41	39
24	26	22	17	9	11	33	53	66	63	53	41	39
25	26	22	17	9	12	34	54	67	63	54	41	39
26	26	22	17	9	12	35	54	67	63	54	41	39
27	26	21	17	9	12	36	55	67	63	54	41	39
28	26	21	16	9	13	36	55	68	63	54	40	39
29	25	.....	16	9	13	37	56	68	63	54	40	39
30	25	.....	16	.....	14	38	56	68	62	53	40	39
31	25	.....	16	.....	14	.....	57	69	.....	51	.....	39
Mean	28	23	18	12	10.3	24	47.5	61	63	54	42	40
Max.	30	25	21	16	14	38	57	69	70	61	49	40
Min.	25	21	16	8	9	14	38	57	62	51	40	39
A. F.	1735	1281	1164	684	615	1442	2936	3761	3753	3336	2487	2440
Total Acre Feet	25,634.											



## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1919

Date	Sec. 34, Twp. 21, Rge. 52 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	23	23	22	21	14	33	26	33	40	58	43	39
2	23	23	22	21	15	36	26	34	40	56	42	39
3	23	23	22	21	16	36	26	35	40	55	41	39
4	23	23	22	21	17	35	26	35	40	52	41	39
5	23	23	22	21	18	34	26	36	45	50	40	39
6	23	23	22	21	18	33	26	37	50	48	40	39
7	23	23	22	21	19	32	26	28	55	46	40	39
8	23	23	22	21	20	31	26	38	62	46	40	39
9	23	23	22	21	21	29	26	39	63	47	40	39
10	23	23	22	21	22	28	26	39	64	47	40	39
11	23	23	21	21	23	28	26	40	65	48	40	39
12	23	23	21	21	23	27	26	40	66	48	40	39
13	23	23	21	21	22	27	25	41	67	48	40	39
14	23	23	21	22	21	27	25	41	69	49	40	39
15	23	23	21	22	19	27	25	41	70	49	40	39
16	23	23	21	22	18	27	25	40	71	50	40	38
17	23	23	21	22	18	27	25	40	72	50	40	38
18	23	22	21	22	17	27	25	40	73	50	40	38
19	23	22	21	22	16	26	26	40	74	49	39	38
20	23	22	21	22	14	26	26	40	75	49	39	38
21	23	22	21	22	14	26	26	40	76	48	39	38
22	23	22	21	22	15	26	27	40	77	47	39	38
23	23	22	21	21	17	26	27	40	75	47	39	38
24	23	22	21	20	19	26	28	40	73	47	39	38
25	23	22	21	18	20	26	29	40	70	46	39	38
26	23	22	21	15	23	26	29	40	69	46	39	38
27	23	22	21	14	25	26	30	40	67	46	39	38
28	23	22	21	13	26	26	31	40	65	45	39	38
29	23	---	21	12	28	26	31	40	52	45	39	38
30	23	---	21	13	30	26	32	40	60	44	39	38
31	23	---	21	---	33	---	33	40	---	43	---	38
Mean	23	23	21.3	21	21	29	26	39	63	48	40	39
Max.	23	23	22	22	33	36	33	40	77	58	43	39
Min.	23	22	21	12	14	26	25	33	40	43	39	38
A. F.	1414	1256	1311	1228	1291	1698	1640	2394	3759	2973	2370	2366
Total Acre Feet	23,700.											

## DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1920

Date	Sec. 34, Twp. 21, Rge. 52 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	37	33	30	22	53	20	28	40	48	36	35	38
2	37	33	30	22	51	20	29	39	49	38	35	37
3	38	33	30	22	49	20	30	39	50	38	35	36
4	38	33	29	22	47	20	30	39	52	38	35	30
5	37	33	29	22	45	20	31	38	53	38	35	34
6	37	33	29	22	44	20	31	38	53	38	36	33
7	37	33	28	42	19	22	38	54	38	36	33	32
8	37	32	29	22	40	19	33	38	54	38	36	32
9	37	32	27	22	38	20	33	37	54	38	36	32
10	37	32	27	23	36	20	34	37	54	37	36	32
11	37	32	27	25	35	21	34	37	53	37	37	32
12	37	32	26	27	33	21	35	37	52	37	37	32
13	37	31	26	29	31	22	35	37	52	37	37	32
14	36	31	25	31	29	22	36	36	51	37	37	32
15	36	31	25	33	28	22	37	36	50	37	37	32
16	36	31	25	35	26	23	37	36	49	36	38	32
17	36	31	24	37	24	23	38	36	48	36	38	31
18	36	31	24	39	23	23	39	37	47	36	38	31
19	35	31	23	40	22	24	39	37	46	36	38	31
20	35	31	23	42	22	24	40	38	45	36	38	31
21	35	31	23	44	22	24	41	38	44	36	38	31
22	35	31	23	46	21	25	41	39	44	36	38	31
23	35	30	22	48	21	25	42	39	43	35	39	31
24	35	30	22	50	21	25	42	40	42	35	39	31
25	35	30	22	52	21	26	42	41	41	35	39	31
26	34	30	22	53	21	26	43	42	41	35	39	31
27	34	30	22	54	21	26	43	43	40	35	39	31
28	34	30	22	55	21	26	42	44	40	35	39	31
29	34	30	22	56	20	27	41	45	39	35	39	31
30	34	---	22	55	20	28	40	46	39	35	39	30
31	34	---	22	---	20	---	40	47	---	35	---	30
Mean	36	32	25	34	30	22	36	39	37	36	37	32
Max.	38	33	30	55	53	28	43	47	54	39	39	38
Min.	34	30	22	22	19	19	28	36	39	35	35	30
A. F.	2206	1870	1545	2126	1878	1350	2257	2408	2834	2317	2217	1977
Total Acre Feet	24,985.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1921  
Sec. 34, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	21	25	26	20	16	29	32	36	44	46	43	25
2	21	26	26	20	16	29	32	36	45	46	43	25
3	21	26	26	20	16	30	31	36	45	45	43	25
4	21	26	26	20	16	31	31	37	45	45	44	25
5	21	26	27	20	16	31	31	37	45	44	44	26
6	22	26	27	20	16	32	31	37	45	44	44	26
7	22	27	27	20	16	32	31	37	46	43	44	26
8	22	27	26	20	16	33	31	38	46	43	44	26
9	22	27	26	20	16	33	31	38	46	43	43	26
10	22	28	26	20	16	33	31	39	46	43	43	27
11	22	28	26	20	17	33	32	39	47	43	42	27
12	22	28	25	20	17	34	32	40	47	43	42	27
13	22	29	25	19	18	34	32	40	47	43	41	27
14	22	29	24	19	19	34	32	41	47	43	41	27
15	22	29	24	19	19	34	32	41	47	43	41	28
16	23	30	24	19	20	35	32	41	48	43	40	28
17	23	30	23	18	20	35	32	42	48	43	40	28
18	23	30	23	18	21	35	33	42	48	43	39	28
19	23	30	22	18	22	36	33	43	48	42	39	28
20	23	29	22	18	22	36	33	43	48	42	38	28
21	23	28	22	18	23	36	34	43	49	42	38	27
22	24	27	21	17	23	35	34	43	49	42	37	27
23	24	26	21	17	24	35	39	43	49	42	37	26
24	24	25	21	17	24	34	34	43	49	42	37	25
25	24	25	21	17	25	34	34	43	49	42	36	25
26	24	25	21	17	25	34	35	43	49	42	36	24
27	25	25	21	17	26	33	35	43	49	42	36	23
28	25	25	21	16	27	33	35	44	48	42	35	23
29	25	---	21	16	28	33	35	44	48	43	35	22
30	25	---	21	16	28	33	35	44	47	43	35	22
31	25	---	21	---	---	---	36	44	---	43	---	21
Mean	22.8	27.2	23.7	18.3	20.2	33.3	32.8	40.6	48.7	43	40	25.7
Max.	25	30	27	20	28	36	36	44	49	46	44	28
Min.	21	25	21	16	16	29	31	36	44	42	35	21
A. F.	1404	1511	1412	1102	1206	1981	2017	2499	2898	2648	2380	1582
Total Acre Feet	22,640.											

DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1922  
Sec. 34, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	25	25	25	26	24	35	40	43	41	73	64	43
2	25	25	25	26	24	35	40	43	41	75	63	42
3	25	25	25	26	24	35	40	43	41	77	63	40
4	25	25	25	26	24	35	40	43	41	76	62	39
5	25	25	25	26	24	35	40	43	41	76	62	37
6	25	25	25	26	25	36	41	43	42	75	62	36
7	25	25	25	26	25	36	41	43	42	75	61	35
8	25	25	25	26	25	36	41	43	42	75	61	35
9	25	25	25	26	25	36	41	43	42	74	60	34
10	25	25	25	26	25	36	41	43	42	74	60	34
11	25	25	24	25	27	37	42	42	43	73	63	32
12	25	25	24	25	27	37	42	42	43	73	59	31
13	25	25	24	25	27	37	42	42	43	72	59	30
14	25	25	24	25	27	37	42	42	43	72	58	29
15	25	25	24	25	27	37	42	42	43	71	58	30
16	25	25	24	25	29	39	43	42	45	71	57	32
17	25	25	24	25	29	38	43	42	47	70	56	34
18	25	25	24	25	29	38	43	42	49	70	55	36
19	25	25	24	25	29	38	43	42	51	70	54	37
20	25	25	24	25	29	38	44	42	53	69	53	38
21	25	25	23	25	31	39	44	41	55	69	52	40
22	25	25	23	25	31	39	44	41	57	68	51	42
23	25	25	23	25	31	39	43	41	59	68	50	44
24	25	25	23	25	31	39	43	41	61	67	49	45
25	25	25	23	25	31	39	43	41	62	67	48	46
26	25	25	24	24	33	40	44	41	64	67	47	46
27	25	25	24	24	33	40	44	41	66	66	46	46
28	25	25	24	24	33	40	43	41	68	66	45	46
29	25	---	24	24	33	40	43	41	70	65	44	46
30	25	---	24	24	33	40	43	41	72	65	43	46
31	25	---	25	---	---	---	43	41	---	64	---	---
Mean	25	25	24.1	25.1	28.3	37.5	41.8	41.9	5013	70.7	55.4	37.0
Max.	25	25	25	26	34	40	44	43	72	77	64	46
Min.	25	25	23	24	24	35	40	41	41	64	43	29
A. F.	1537	1388	1487	1497	1743	2231	2574	2580	2995	4349	3296	2275
Total Acre Feet	27,952.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1923  
Sec. 34, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D.c.
1	30	42	30	25	28	36	55	50	57	53	57	41
2	31	41	30	25	28	37	55	50	57	52	58	41
3	32	40	30	25	28	38	55	51	57	51	56	42
4	33	39	30	25	20	38	55	51	57	50	52	45
5	34	38	30	25	29	39	55	51	57	50	47	46
6	35	37	30	25	29	40	56	52	56	49	47	46
7	35	36	30	25	30	40	56	52	56	49	47	46
8	36	35	30	25	30	41	56	52	56	48	46	45
9	37	34	30	25	30	41	56	53	56	48	46	45
10	38	33	30	25	31	42	56	53	56	48	45	45
11	39	32	30	25	31	43	56	53	56	48	44	45
12	40	31	30	25	32	44	56	54	56	48	43	44
13	40	31	30	25	32	45	55	54	56	48	43	44
14	41	31	30	25	32	45	55	54	55	48	42	43
15	42	30	30	25	32	46	54	55	55	48	41	43
16	43	30	30	26	33	47	54	55	55	48	39	43
17	44	30	30	26	33	48	53	56	55	48	38	42
18	45	30	30	26	33	48	53	56	56	48	37	41
19	45	30	30	26	33	49	52	56	59	49	37	40
20	46	30	30	26	33	50	51	56	61	49	36	39
21	46	30	30	27	34	51	50	56	64	49	36	39
22	47	30	29	27	34	51	50	57	63	49	36	38
23	48	30	29	27	34	52	49	57	62	49	36	38
24	47	30	28	27	34	52	49	57	61	50	37	37
25	46	30	28	27	34	52	49	57	61	50	37	37
26	46	30	27	27	35	53	49	58	60	51	38	36
27	45	30	27	27	35	53	49	58	58	52	38	36
28	45	30	26	27	35	53	49	58	57	53	39	35
29	44	....	26	27	36	54	49	58	56	54	39	35
30	43	....	25	27	36	54	50	58	55	55	40	35
31	43	....	25	....	36	....	50	58	....	....	....	35
Mean	44.2	32.9	29	25.8	34.5	46.1	52.8	54.6	57.5	49.9	42.6	40.9
Max.	48	42	30	27	36	54	56	58	64	56	58	46
Min.	30	30	25	25	28	36	49	50	55	48	36	35
A. F.	2596	1824	1785	1537	2120	2741	3247	3358	3424	3070	2533	2513
Total Acre Feet	30,748											

DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1924  
Sec. 34, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	28	43	30	29	25	51	53	65	55	77	67	55
2	28	42	30	29	25	52	49	66	55	76	67	55
3	28	41	30	29	24	53	45	67	55	75	68	55
4	28	40	30	30	24	54	41	68	57	74	68	55
5	28	40	30	30	24	55	38	69	59	73	68	55
6	28	39	29	30	24	56	36	70	61	73	68	55
7	28	38	29	30	25	56	34	71	63	72	68	55
8	28	38	29	31	27	56	31	72	65	71	68	55
9	28	38	29	31	27	56	31	72	65	71	68	55
10	28	37	29	31	28	56	28	73	67	70	68	55
11	28	36	28	30	30	55	28	71	70	69	69	55
12	28	35	28	30	31	55	31	70	72	68	69	55
13	28	34	27	30	32	55	34	69	74	67	69	55
14	28	34	27	30	33	55	36	69	76	66	69	55
15	30	34	27	30	34	55	38	68	77	65	69	55
16	31	34	27	29	35	54	40	68	79	65	69	55
17	33	34	27	29	36	54	42	67	81	65	69	55
18	35	33	27	28	37	54	45	66	83	65	69	55
19	36	33	27	28	38	54	47	65	85	65	69	55
20	37	33	27	28	39	54	49	64	86	66	69	55
21	38	33	28	27	40	54	51	64	85	66	69	55
22	40	32	28	27	41	54	53	63	84	66	69	55
23	41	32	28	27	42	54	55	62	83	66	69	55
24	43	32	28	27	43	54	56	61	82	66	69	55
25	44	32	28	27	44	54	58	60	82	66	69	55
26	45	32	28	26	45	53	59	59	82	66	69	55
27	46	31	28	26	46	53	60	58	81	66	69	55
28	47	31	29	25	47	53	61	57	80	66	69	55
29	46	31	29	25	48	53	62	57	79	67	69	55
30	45	....	29	25	49	53	63	56	78	67	69	55
31	44	....	29	....	50	....	64	56	....	67	....	55
Mean	35	35	28	28	35	54	46	65	73	68	65	56
Max.	47	43	30	31	50	56	64	72	86	76	69	55
Min.	28	31	27	25	24	51	28	56	55	65	67	55
A. F.	2128	2025	1743	1694	2172	3223	2800	4002	4372	4205	3884	3381
						*545	*1414	*978	*476			
							4214	4980	4848			

Total Acre Feet 39,042.  
\*Diverted by Alliance Canal.

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1925  
Sec. 34, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
2	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
3	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
4	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
5	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
6	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
7	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
8	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
9	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
10	43.6	41.2	50.3	32.9	50.5	2.9	30.0	66.2	90.3	75.5	60.0	54.8
11	43.6	41.2	50.3	32.9	50.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
12	43.6	41.2	50.3	32.9	50.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
13	43.6	41.2	50.3	32.9	50.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
14	43.6	41.2	50.3	32.9	50.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
15	43.6	41.2	50.3	32.9	50.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
16	43.6	41.2	50.3	32.9	50.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
17	43.6	41.2	50.3	32.9	50.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
18	43.6	41.2	50.3	32.9	39.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
19	43.6	41.2	50.3	32.9	39.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
20	43.6	41.2	50.3	32.9	39.5	34.0	30.0	66.2	90.3	75.5	60.0	54.8
21	43.6	41.2	50.3	32.9	39.5	24.3	53.8	66.2	90.3	75.5	60.0	54.8
22	43.6	41.2	50.3	32.9	39.5	24.3	53.8	66.2	90.3	75.5	60.0	54.8
23	43.6	41.2	50.3	32.9	39.5	24.3	53.8	66.2	90.3	75.5	60.0	54.8
24	43.6	41.2	50.3	32.9	39.5	24.3	53.8	66.2	90.3	75.5	60.0	54.8
25	43.6	41.2	50.3	32.9	39.5	24.3	53.8	66.2	90.3	75.5	60.0	54.8
26	43.6	41.2	50.3	32.9	39.5	24.3	66.0	66.2	90.3	75.5	60.0	54.8
27	43.6	41.2	50.3	32.9	39.5	24.3	66.0	66.2	90.3	75.5	60.0	54.8
28	43.6	41.2	50.3	32.9	39.5	24.3	66.0	66.2	90.3	75.5	60.0	54.8
29	43.6	.....	50.3	32.9	39.5	24.3	66.0	66.2	90.3	75.5	60.0	54.8
30	43.6	.....	50.3	32.9	39.5	24.3	66.0	66.2	90.3	75.5	60.0	54.8
31	43.6	.....	50.3	.....	39.5	.....	66.0	66.2	.....	75.5	.....	54.8
Mean	43.6	41.2	50.3	32.9	45.5	20.9	56.1	66.2	90.3	75.5	60.0	54.8
Max.	43.6	41.2	50.3	32.9	50.5	34.0	66.0	66.2	90.3	75.5	60.0	54.8
Min.	43.6	41.2	38.3	32.9	39.5	2.9	53.8	66.2	90.3	75.5	60.0	54.8
A. F.	2862	2289	3069	1958	2800	1244	2509	4070	5373	4642	3570	3369
Total Acre Feet	37,575.											

DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1926  
Sec. 34, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	47	44	38	33	29	50	68	61	70	70	57	56
2	47	44	38	33	29	50	68	61	70	70	57	56
3	47	44	38	33	29	50	68	61	70	70	57	56
4	47	44	38	33	29	50	68	61	70	70	57	56
5	47	44	38	33	29	50	68	61	70	70	57	56
6	47	44	38	33	29	50	68	61	70	70	57	56
7	47	44	38	33	29	50	68	61	70	70	57	56
8	47	44	38	33	29	50	68	61	70	70	57	56
9	47	44	38	33	29	50	68	61	70	70	57	56
10	47	44	38	33	29	50	68	61	70	70	57	56
11	47	44	38	33	29	50	68	61	70	70	57	56
12	47	44	38	33	29	50	68	61	70	70	57	56
13	47	44	38	33	29	50	68	61	70	70	57	56
14	47	44	38	33	29	50	68	61	70	70	57	56
15	47	44	38	33	29	50	68	61	70	70	57	56
16	47	44	38	33	33	34	68	65	70	70	57	56
17	47	44	38	33	33	34	68	65	70	70	57	56
18	47	44	38	33	33	34	68	65	70	70	57	56
19	47	44	38	33	33	34	68	65	70	70	57	56
20	47	44	38	33	33	34	68	65	70	70	57	56
21	47	44	38	33	33	34	48	65	70	70	57	56
22	47	44	38	33	33	34	48	65	70	70	57	56
23	47	44	38	33	33	34	48	65	70	70	57	56
24	47	44	38	33	33	34	48	65	70	70	57	56
25	47	44	38	33	33	34	48	65	70	70	57	56
26	47	44	38	33	33	34	48	65	70	70	57	56
27	47	44	38	33	33	34	48	65	70	70	57	56
28	47	44	38	33	33	34	48	65	70	70	57	56
29	47	.....	38	33	33	34	48	65	70	70	57	56
30	47	.....	38	33	33	34	48	65	70	70	57	56
31	47	.....	38	.....	33	.....	48	65	.....	70	.....	56
Mean	47	44	38	33	31	42	61	63	70	70	57	56
Max.	47	44	38	33	33	50	68	65	70	70	57	56
Min.	47	44	38	33	29	34	48	61	70	70	57	56
A. F.	2890	2443	2336	1964	1910	2499	3745	3878	4165	4304	3392	3443
Total Acre Feet	36,969.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1927  
Sec. 34, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	51	46	52	40	40	40	62	63	60	57	54	40
2	51	46	52	40	40	40	62	63	60	57	54	40
3	51	46	52	40	40	40	62	63	60	57	54	40
4	51	46	52	40	40	40	62	63	60	57	54	40
5	51	46	52	40	40	40	62	63	60	57	54	40
6	51	46	52	40	40	40	62	63	60	57	54	40
7	51	46	52	40	40	40	62	63	60	57	54	40
8	51	46	52	40	40	40	62	63	60	57	54	40
9	51	46	52	40	40	40	62	63	60	57	54	40
10	51	46	52	40	40	40	62	63	60	57	54	40
11	51	46	52	62	40	40	62	63	60	57	54	40
12	51	46	52	62	40	40	62	63	60	57	54	40
13	51	46	52	62	40	40	62	63	60	57	54	40
14	51	46	52	62	40	40	62	63	60	57	54	40
15	51	46	52	62	40	40	62	63	60	57	54	40
16	51	46	52	62	40	40	62	63	60	57	54	40
17	51	46	52	62	40	40	62	63	60	57	54	40
18	51	46	52	62	40	40	62	63	60	57	54	40
19	51	46	52	62	40	40	62	63	60	57	54	40
20	51	46	52	62	40	40	62	63	60	57	54	40
21	51	46	52	62	40	40	62	63	60	57	54	40
22	51	46	40	62	42	40	61	63	60	57	43	40
23	51	46	40	62	42	40	61	63	60	57	43	40
24	51	46	40	62	42	40	61	63	60	57	43	40
25	51	46	40	62	42	40	61	63	60	57	43	40
26	51	46	40	46	42	40	61	63	60	57	43	40
27	51	46	40	46	42	40	61	63	60	57	43	40
28	51	46	40	46	42	40	61	63	60	57	43	40
29	51	....	40	46	42	40	61	63	60	57	43	40
30	51	....	40	46	42	40	61	63	60	57	43	40
31	51	....	40	....	42	....	61	63	....	57	....	40
Mean	51	46	48	60	41	40	62	63	60	57	50	40
Max.	51	46	52	62	42	40	62	63	60	57	54	40
Min.	51	46	40	40	40	40	61	63	60	57	43	40
A. F.	313½	255½	304½	3660	2613	2490	3900	3984	3570	3505	3080	2459
Total Acre Feet	37,997.											

DISCHARGE IN SECOND FEET, BAYARD SUGAR FACTORY DRAIN—1928  
Sec. 34, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	54	33	25	19	54	58	47	47	39	63	44	48
2	54	33	25	19	54	58	47	47	39	63	44	48
3	54	33	25	19	54	58	47	47	39	63	44	48
4	54	33	25	19	54	58	47	47	39	63	44	48
5	54	33	25	19	54	58	47	47	39	63	44	48
6	54	33	25	19	54	58	47	47	39	63	44	48
7	54	33	25	19	54	58	47	47	39	63	44	48
8	54	33	25	19	54	58	47	47	39	63	44	48
9	54	33	25	19	54	58	47	47	39	63	44	48
10	54	33	25	19	54	58	47	47	39	63	44	48
11	54	33	25	19	54	58	47	47	39	63	44	48
12	54	33	25	19	54	58	47	47	39	63	44	48
13	54	33	25	19	54	58	47	47	39	63	44	48
14	54	33	25	19	54	58	47	47	39	63	44	48
15	54	33	25	19	54	58	47	47	39	63	44	48
16	54	36	25	19	54	45	47	45	43	63	63	48
17	54	36	25	19	54	45	47	45	43	63	63	48
18	54	36	25	19	54	45	47	45	43	63	63	48
19	54	36	25	19	54	45	47	45	43	63	63	48
20	54	36	25	19	54	45	47	45	43	63	63	48
21	54	36	25	19	54	45	47	45	43	63	63	48
22	54	36	25	19	54	45	47	45	43	63	63	48
23	54	36	25	19	54	45	47	45	43	63	63	48
24	54	36	25	19	54	45	47	45	43	63	63	48
25	54	36	25	19	54	45	47	45	43	63	63	48
26	54	36	25	19	54	45	47	45	43	63	63	48
27	54	36	25	19	54	45	47	45	43	63	63	48
28	54	36	25	19	54	45	47	45	43	63	63	48
29	54	36	25	19	54	45	47	45	43	63	63	48
30	54	....	25	19	54	45	47	45	43	63	63	48
31	54	....	25	....	54	....	47	45	....	63	....	48
Mean	54	34	25	19	54	52	47	46	41	63	51	48
Max.	54	36	25	19	54	58	47	47	43	63	63	48
Min.	54	33	25	19	54	45	47	45	39	63	44	48
A. F.	3320	1981	1577	1537	3320	3064	2890	2826	2440	4072	3045	2951
Total Acre Feet	33,023.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, BIRDWOOD CREEK—1920  
Sec. 2, Twp. 14, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	159	182	148	178	*	*	*
2	....	....	....	....	....	159	181	155	176	....	....	....
3	....	....	....	....	....	159	179	160	175	....	....	....
4	....	....	....	....	....	159	177	164	173	....	....	....
5	....	....	....	....	....	159	174	168	172	....	....	....
6	....	....	....	....	....	159	171	168	171	....	....	....
7	....	....	....	....	208	159	170	167	169	....	....	....
8	....	....	....	....	205	159	168	164	167	....	....	....
9	....	....	....	....	202	159	165	162	165	....	....	....
10	....	....	....	....	198	159	163	160	163	....	....	....
11	....	....	....	....	193	159	163	158	161	....	....	....
12	....	....	....	....	188	159	162	155	159	....	....	....
13	....	....	....	....	184	159	162	152	157	....	....	....
14	....	....	....	....	180	159	160	149	154	....	....	....
15	....	....	....	....	175	159	160	147	152	....	....	....
16	....	....	....	....	172	159	160	146	150	....	....	....
17	....	....	....	....	167	160	162	160	148	....	....	....
18	....	....	....	....	163	162	163	175	145	....	....	....
19	....	....	....	....	160	163	164	193	145	....	....	....
20	....	....	....	....	156	165	163	208	143	....	....	....
21	....	....	....	....	152	166	161	205	139	....	....	....
22	....	....	....	....	150	168	159	202	137	....	....	....
23	....	....	....	....	146	169	158	200	135	....	....	....
24	....	....	....	....	142	171	157	198	133	....	....	....
25	....	....	....	....	142	173	155	195	132	....	....	....
26	....	....	....	....	145	174	153	193	131	....	....	....
27	....	....	....	....	145	176	151	191	130	....	....	....
28	....	....	....	....	150	178	149	189	129	....	....	....
29	....	....	....	....	153	180	148	186	128	....	....	....
30	....	....	....	....	156	181	147	183	....	....	....	....
31	....	....	....	....	159	....	147	180	....	....	....	....
Mean	....	....	....	....	135	164	151	173	147	....	....	....
Max.	....	....	....	....	208	181	182	208	178	....	....	....
Min.	....	....	....	....	142	159	147	146	128	....	....	....
A. F.	....	....	....	....	8313	9159	9344	10673	8763	....	....	....
*No Record.												

DISCHARGE IN SECOND FEET, BIRDWOOD CREEK—1922  
Sec. 2, Twp. 14, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	200	205	209	214	166	246	196	247	176	176	186	204
2	200	205	209	214	166	244	204	248	176	176	187	204
3	200	205	209	214	168	240	202	248	176	176	188	204
4	200	205	210	214	174	230	198	249	177	176	188	205
5	201	205	210	214	178	226	194	250	177	176	189	206
6	201	206	210	215	182	222	190	250	178	177	190	206
7	201	206	210	215	186	220	186	250	178	177	190	206
8	201	206	210	215	192	214	182	244	178	177	190	207
9	201	206	210	215	196	210	180	236	178	178	191	208
10	201	206	210	215	200	206	178	220	179	178	192	208
11	202	206	210	215	204	204	178	210	180	178	192	209
12	202	206	210	215	210	200	178	202	180	178	192	210
13	202	206	211	215	214	196	179	200	180	178	193	210
14	202	206	211	214	218	192	180	198	180	179	194	210
15	202	207	211	198	224	188	180	197	180	179	194	211
16	202	207	211	190	226	186	180	196	181	180	195	211
17	202	207	211	182	232	182	180	194	181	180	195	212
18	202	207	211	174	236	178	181	192	182	180	196	213
19	203	207	211	168	240	176	182	190	182	180	196	214
20	203	208	211	168	244	156	182	190	182	180	197	214
21	203	208	211	168	250	138	183	188	182	180	198	215
22	203	208	211	168	254	146	186	186	181	181	198	215
23	203	208	211	168	260	152	196	184	180	182	199	216
24	204	208	211	167	264	158	204	184	179	182	199	216
25	204	208	212	167	269	162	214	182	178	183	200	216
26	204	208	212	167	268	168	222	180	178	183	201	218
27	204	209	213	166	264	174	232	178	177	184	202	218
28	204	209	213	166	260	180	246	176	176	184	202	219
29	204	....	214	166	254	184	246	176	176	185	202	220
30	204	....	214	166	250	190	246	175	176	185	202	220
31	204	....	214	....	248	....	247	175	....	186	....	220
Mean	202	207	211	191	222	192	198	206	179	180	197	212
Max.	204	209	214	215	269	246	247	250	182	186	202	220
Min.	200	205	209	166	166	138	178	175	176	176	186	204
A. F.	12434	11482	12974	11391	13880	11440	12162	12634	10441	11056	11579	13023
Total Acre Feet 144,352.												

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, BIRDWOOD CREEK—1923  
Sec. 2, Twp. 14, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	224	200	176	172	160	200	198	160	136	184	204	204
2	224	209	176	171	160	200	194	160	133	185	204	204
3	224	200	176	170	160	200	191	160	140	186	204	204
4	224	200	176	169	160	200	187	160	142	187	204	204
5	224	200	176	168	160	195	184	160	145	188	204	204
6	224	195	176	168	160	195	180	160	146	190	204	204
7	224	195	176	168	160	195	176	160	147	191	204	204
8	224	195	176	167	160	195	173	160	148	192	204	204
9	224	195	176	166	160	195	169	160	150	193	204	204
10	224	195	176	165	160	185	165	160	155	194	204	204
11	220	190	174	164	159	185	162	417	158	201	204	204
12	220	190	174	164	159	185	162	400	160	203	204	204
13	220	190	174	164	159	185	162	382	162	204	204	204
14	220	190	174	164	159	180	162	364	164	204	204	204
15	220	190	174	163	159	181	162	346	165	204	204	204
16	215	185	174	163	159	183	162	328	166	204	204	204
17	215	185	174	163	159	183	162	310	167	204	204	204
18	215	185	174	163	159	183	162	298	168	204	204	204
19	215	185	174	163	159	183	162	280	169	204	204	204
20	215	185	174	162	159	188	162	262	171	204	204	204
21	210	180	172	162	158	188	161	244	172	204	204	204
22	210	180	172	162	158	188	161	226	173	204	204	204
23	210	180	172	162	158	188	161	206	174	204	204	204
24	210	180	172	162	164	188	161	180	175	204	204	204
25	210	180	172	162	176	195	161	160	176	204	204	204
26	205	180	172	161	178	195	161	138	177	204	204	204
27	205	180	172	161	182	195	161	126	179	204	204	204
28	205	180	172	161	190	195	161	138	180	204	204	204
29	205	-----	172	161	196	195	161	130	181	204	204	204
30	205	-----	172	161	204	202	161	132	182	204	204	204
31	204	-----	172	-----	202	-----	161	132	-----	204	-----	204
Mean	215	188	174	164	166	191	168	219	162	199	204	204
Max.	224	200	176	172	204	202	198	417	182	204	204	204
Min.	204	180	172	161	160	180	161	126	135	184	204	204
A. F.	13277	10492	10695	9782	10227	11355	10330	13489	9652	12238	12130	12543
Total Acre Feet	136,219.											

DISCHARGE IN SECOND FEET, BIRDWOOD CREEK—1924  
Sec. 2, Twp. 14, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	183	186	193	177	180	183	158	144	165	180	192	196
2	186	186	193	177	181	183	157	145	166	180	192	196
3	186	186	194	177	181	183	155	146	167	180	192	196
4	186	186	192	177	182	183	153	146	168	180	192	196
5	186	186	190	177	182	183	151	146	168	180	192	196
6	186	186	188	177	182	182	151	146	169	180	192	196
7	186	186	186	177	182	182	150	146	169	180	192	196
8	186	186	184	177	183	181	148	147	170	180	192	196
9	186	187	182	177	183	181	146	147	171	180	192	196
10	186	187	180	177	183	181	144	147	171	180	192	196
11	186	187	178	177	184	180	143	148	172	180	192	196
12	186	188	177	177	184	180	141	148	172	180	192	196
13	186	188	176	177	184	180	139	148	173	180	192	196
14	185	189	176	177	184	180	138	148	174	180	192	196
15	186	189	176	177	184	180	136	148	174	180	192	196
16	186	190	176	178	185	178	135	149	174	180	192	196
17	186	190	176	178	185	177	134	149	175	180	192	196
18	186	190	176	178	186	176	135	149	176	180	192	196
19	186	190	176	178	186	175	135	150	177	180	192	196
20	186	190	176	178	186	174	136	150	178	180	192	196
21	186	191	176	179	186	173	136	152	179	180	192	196
22	186	191	176	179	186	171	136	153	179	180	192	196
23	186	191	176	179	184	170	136	155	180	180	192	196
24	186	191	176	179	186	168	137	157	180	180	192	196
25	186	191	176	179	185	166	138	158	180	180	192	196
26	186	191	176	180	194	165	139	159	180	180	192	196
27	186	192	176	180	184	164	139	160	180	180	192	196
28	186	193	176	180	184	162	140	162	180	180	192	196
29	133	193	176	180	183	160	151	163	180	180	192	196
30	186	-----	176	180	183	158	142	164	180	180	192	196
31	186	-----	176	-----	183	-----	145	165	-----	180	-----	196
Mean	186	189	179	178	184	175	142	151	174	180	192	196
Max.	186	193	193	180	186	183	158	165	180	180	192	196
Min.	183	183	176	177	180	158	134	144	165	180	192	196
A. F.	11436	10863	11070	10591	11296	10431	8749	9312	10367	11067	11424	12051
Total Acre Feet	128,657.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, BIRDWOOD CREEK—1925 Sec. 2, Twp. 14, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	196	235	186	219	187	189	178	149	197	190	197	197
2	196	235	186	219	187	189	178	149	197	190	197	197
3	196	235	186	219	187	189	178	149	197	190	197	197
4	196	235	186	219	187	189	178	149	197	190	197	197
5	196	235	186	219	187	189	178	149	197	190	197	197
6	196	235	186	219	187	189	178	149	197	190	197	197
7	196	235	186	219	187	189	178	149	197	190	197	197
8	196	235	186	219	187	189	178	149	197	190	197	197
9	196	235	186	219	187	189	178	149	197	190	197	197
10	196	235	186	219	187	189	178	149	197	190	197	197
11	196	235	186	219	187	195	178	215	180	190	197	197
12	196	235	186	219	187	195	178	215	180	190	197	197
13	196	235	186	219	187	195	178	215	180	190	197	197
14	196	235	186	219	187	195	178	215	180	190	197	197
15	196	235	186	219	187	195	178	215	180	190	197	197
16	196	235	186	219	197	195	151	215	180	190	197	197
17	196	235	186	219	197	195	151	215	180	190	197	197
18	196	235	186	219	197	195	151	215	180	190	197	197
19	196	235	186	219	197	195	151	215	180	190	197	197
20	196	235	186	219	197	195	151	215	180	190	197	197
21	196	235	186	219	197	142	151	165	187	190	197	197
22	196	235	186	219	197	142	151	165	187	190	197	197
23	196	235	186	219	197	142	151	165	187	190	197	197
24	196	235	186	219	197	142	151	165	187	190	197	197
25	196	235	186	219	197	142	151	165	187	190	197	197
26	196	235	186	219	197	142	151	165	187	190	197	197
27	196	235	186	219	197	142	151	165	187	190	197	197
28	196	235	186	219	197	142	151	165	187	190	197	197
29	196	-----	186	219	197	142	151	165	187	190	197	197
30	196	-----	186	219	197	142	151	165	187	190	197	197
31	196	-----	186	-----	197	-----	151	165	-----	190	-----	197
Mean	196	235	186	219	191	175	164	176	188	190	197	197
Max.	196	235	186	219	197	195	178	215	197	190	197	197
Min.	196	235	186	219	187	142	151	149	180	190	197	197
A. F.	12051	13051	11436	13031	11815	10433	10088	10820	11187	11682	11722	12113
Total Acre Feet	139,429.											

## DISCHARGE IN SECOND FEET, BIRDWOOD CREEK—1926 Sec. 2, Twp. 14, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	210	215	230	228	180	167	200	167	170	195	223	210
2	210	215	230	228	180	167	200	167	170	195	223	210
3	210	215	230	228	180	167	200	167	170	195	223	210
4	210	215	230	228	180	167	200	167	170	195	223	210
5	210	215	230	228	180	167	200	167	170	195	223	210
6	210	215	230	228	180	167	175	167	170	195	223	210
7	210	215	230	228	180	167	175	167	170	195	223	210
8	210	215	230	228	180	167	175	167	170	195	223	210
9	210	215	230	228	180	167	175	167	170	195	223	210
10	210	215	230	228	180	167	175	167	170	195	223	210
11	210	215	230	228	180	167	150	167	170	195	223	210
12	210	215	230	228	180	167	150	167	170	195	223	210
13	210	215	230	228	180	167	150	167	170	195	223	210
14	210	215	230	228	180	167	150	167	170	195	223	210
15	210	215	230	228	180	167	150	167	170	195	223	210
16	210	215	230	228	180	167	150	167	170	195	223	210
17	210	215	230	228	180	167	150	167	170	195	223	210
18	210	215	230	228	180	167	150	167	170	195	223	210
19	210	215	230	228	180	167	150	167	170	195	223	210
20	210	215	230	228	180	167	150	167	170	195	223	210
21	210	215	230	173	180	201	150	163	192	195	223	210
22	210	215	230	173	180	201	150	163	192	195	223	210
23	210	215	230	173	180	201	150	163	192	195	223	210
24	210	215	230	173	180	201	150	163	192	195	223	210
25	210	215	230	173	180	201	150	163	192	195	223	210
26	210	215	230	173	180	201	175	163	192	195	223	210
27	210	215	230	173	180	201	175	163	192	195	223	210
28	210	215	230	173	180	201	175	163	192	195	223	210
29	210	-----	230	173	180	201	175	163	192	195	223	210
30	210	-----	230	173	180	201	175	163	192	195	223	210
31	210	-----	230	-----	180	-----	175	163	-----	195	-----	210
Mean	210	215	230	209	180	178	166	165	177	195	223	210
Max.	210	215	230	228	180	201	200	167	192	195	223	210
Min.	210	215	230	173	180	167	150	163	170	195	223	210
A. F.	12912	11940	14142	12476	11067	10311	10264	10181	10552	11603	13249	12912
Total Acre Feet	141,909.											



## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, BIRDWOOD CREEK—1927

Sec. 2, Twp. 14, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	210	210	230	205	185	209	184	179	204	178	213	184
2	210	210	230	205	185	209	184	179	204	178	213	184
3	210	210	230	205	185	209	184	179	204	178	213	184
4	210	210	230	205	185	209	184	179	204	178	213	184
5	210	210	230	205	185	209	184	179	204	178	213	184
6	210	210	230	205	185	209	184	179	204	178	213	184
7	210	210	230	205	185	209	184	179	204	178	213	184
8	210	210	230	205	185	209	184	179	204	178	213	184
9	210	210	230	205	185	209	184	179	204	178	213	184
10	210	210	230	205	185	209	184	179	204	178	213	184
11	210	210	230	200	189	209	184	179	204	196	213	184
12	210	210	230	200	189	209	184	179	204	196	213	184
13	210	210	230	200	189	209	184	179	204	196	213	184
14	210	210	230	200	189	209	184	179	204	196	213	184
15	210	210	230	200	189	209	184	179	204	196	213	184
16	210	210	230	200	189	209	184	179	204	196	213	184
17	210	210	230	200	189	209	184	179	204	196	213	184
18	210	210	230	200	189	209	184	179	204	196	213	184
19	210	210	230	200	189	209	184	179	204	196	213	184
20	210	210	230	200	189	209	184	179	204	196	213	184
21	210	210	230	200	189	171	162	191	204	196	205	184
22	210	210	230	200	189	171	162	191	204	196	205	184
23	210	210	230	200	189	171	162	191	204	196	205	184
24	210	210	230	200	189	171	162	191	204	196	205	184
25	210	210	230	200	189	171	162	191	204	196	205	184
26	210	210	230	200	189	171	162	191	204	196	205	184
27	210	210	230	200	189	171	162	191	204	196	205	184
28	210	210	230	200	189	171	162	191	204	196	205	184
29	210	.....	230	200	189	171	162	191	204	196	205	184
30	210	.....	230	200	189	171	162	191	204	196	205	184
31	210	.....	230	.....	189	.....	162	191	.....	196	.....	184
Mean	210	210	230	201	187	196	176	183	204	190	210	184
Max.	210	210	230	205	189	209	184	191	204	196	213	184
Min.	210	210	230	200	185	171	162	179	204	178	205	184
A. F.	12912	11662	14142	12000	11542	11683	10834	11268	12139	11635	12515	11278
Total Acre Feet	143,670.											

## DISCHARGE IN SECOND FEET, BIRDWOOD CREEK—1928

Sec. 2, Twp. 14, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	213	225	227	215	180	201	221	169	150	167	195	191
2	213	225	227	215	180	201	221	169	150	167	195	191
3	213	225	227	215	180	201	221	169	150	167	195	191
4	213	225	227	215	180	201	221	169	150	167	195	191
5	213	225	227	215	180	201	221	169	150	167	195	191
6	213	225	227	215	180	201	221	169	150	167	195	191
7	213	225	227	215	180	201	221	169	150	167	195	191
8	213	225	227	215	180	201	221	169	150	167	195	191
9	213	225	227	215	180	201	221	169	150	167	195	191
10	213	225	227	215	180	201	221	169	150	167	195	191
11	213	225	227	215	180	201	221	169	150	167	195	191
12	213	225	227	215	180	201	221	169	150	167	195	191
13	213	225	227	215	180	201	221	169	150	167	195	191
14	213	225	227	215	180	201	221	169	150	167	195	191
15	213	225	227	215	180	201	221	169	150	167	195	191
16	213	210	205	215	180	201	221	156	159	167	192	191
17	213	210	205	215	180	201	221	156	159	167	192	191
18	213	210	205	215	180	201	221	156	159	167	192	191
19	213	210	205	215	180	201	221	156	159	167	192	191
20	213	210	205	215	180	201	221	156	159	167	192	191
21	213	210	205	215	180	201	221	156	159	167	192	191
22	213	210	205	215	180	201	175	156	159	167	192	191
23	213	210	205	215	180	201	175	156	159	167	192	191
24	213	210	205	215	180	201	175	156	159	167	192	191
25	213	210	205	215	180	201	175	156	159	167	192	191
26	213	210	205	215	180	201	175	156	159	167	192	191
27	213	210	205	215	180	201	175	156	159	167	192	191
28	213	210	205	215	180	201	175	156	159	167	192	191
29	213	210	205	215	180	201	175	156	159	167	192	191
30	213	.....	205	215	180	201	175	156	159	167	192	191
31	213	.....	205	.....	180	.....	175	156	.....	167	.....	191
Mean	213	215	215	215	180	201	204	161	154	167	193	191
Max.	213	225	227	215	180	201	221	169	159	167	195	191
Min.	213	210	205	215	180	201	175	156	159	167	192	191
A. F.	13007	12446	13260	12793	11067	11960	12585	9907	9193	10268	11514	11744
Total Acre Feet	139,834.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, BLUE CREEK—1919 Sec. 30, Twp. 16, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	*	1	4	1	*	*	*
2	—	—	—	—	—	—	1	4	1	—	—	—
3	—	—	—	—	—	—	1	9	1	—	—	—
4	—	—	—	—	—	—	7	4	—	—	—	—
5	—	—	—	—	—	—	10	4	—	—	—	—
6	—	—	—	—	—	—	10	1	4	—	—	—
7	—	—	—	—	—	—	11	1	5	—	—	—
8	—	—	—	—	—	—	10	1	1	—	—	—
9	—	—	—	—	—	—	1	1	1	—	—	—
10	—	—	—	—	—	—	18	1	4	2	—	—
11	—	—	—	—	—	—	20	1	48	1	—	—
12	—	—	—	—	—	—	10	1	4	3	—	—
13	—	—	—	—	—	—	10	1	4	4	—	—
14	—	—	—	—	—	—	10	1	7	35	—	—
15	—	—	—	—	—	—	1	1	8	40	—	—
16	—	—	—	—	—	—	5	1	10	30	—	—
17	—	—	—	—	—	—	7	1	16	28	—	—
18	—	—	—	—	—	—	7	1	86	28	—	—
19	—	—	—	—	—	—	1	1	86	28	—	—
20	—	—	—	—	—	—	3	1	87	10	—	—
21	—	—	—	—	—	—	3	18	87	10	—	—
22	—	—	—	—	—	—	3	10	76	10	—	—
23	—	—	—	—	—	—	2	1	81	10	—	—
24	—	—	—	—	—	—	1	1	76	10	—	—
25	—	—	—	—	—	—	1	1	72	45	—	—
26	—	—	—	—	—	—	1	1	70	25	—	—
27	—	—	—	—	—	—	40	1	51	27	—	—
28	—	—	—	—	—	—	4	3	47	35	—	—
29	—	—	—	—	—	—	—	4	5	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—
Mean	—	—	—	—	—	—	8	3	31	13	—	—
Max.	—	—	—	—	—	—	40	18	87	45	—	—
Min.	—	—	—	—	—	—	1	1	1	1	—	—
A. F.	—	—	—	—	—	—	311	208	1908	791	—	—

\*No Record.

## DISCHARGE IN SECOND FEET, BLUE CREEK—1920 Sec. 30, Twp. 16, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	119	60	16	42	*	*	*
2	—	—	—	—	—	112	57	13	43	—	—	—
3	—	—	—	—	—	105	55	11	44	—	—	—
4	—	—	—	—	—	98	51	9	45	—	—	—
5	—	—	—	—	—	90	47	7	45	—	—	—
6	—	—	—	—	—	85	43	4	46	—	—	—
7	—	—	—	—	—	81	40	4	47	—	—	—
8	—	—	—	—	—	79	37	4	47	—	—	—
9	—	—	—	—	—	77	34	3	48	—	—	—
10	—	—	—	—	—	75	31	3	49	—	—	—
11	—	—	—	—	—	74	29	3	49	—	—	—
12	—	—	—	—	—	72	25	2	50	—	—	—
13	—	—	—	—	—	71	23	5	51	—	—	—
14	—	—	—	—	—	69	20	8	51	—	—	—
15	—	—	—	—	—	105	68	16	11	52	—	—
16	—	—	—	—	—	100	66	14	14	52	—	—
17	—	—	—	—	—	95	65	10	17	53	—	—
18	—	—	—	—	—	90	65	7	20	54	—	—
19	—	—	—	—	—	85	65	4	22	55	—	—
20	—	—	—	—	—	80	65	7	25	55	—	—
21	—	—	—	—	—	78	65	10	28	56	—	—
22	—	—	—	—	—	80	65	12	31	56	—	—
23	—	—	—	—	—	83	65	15	33	57	—	—
24	—	—	—	—	—	86	64	18	36	58	—	—
25	—	—	—	—	—	83	77	20	37	58	—	—
26	—	—	—	—	—	90	74	22	38	59	—	—
27	—	—	—	—	—	93	71	24	39	59	—	—
28	—	—	—	—	—	95	68	25	40	60	—	—
29	—	—	—	—	—	97	65	23	41	60	—	—
30	—	—	—	—	—	100	62	20	42	61	—	—
31	—	—	—	—	—	102	—	19	42	—	—	—
Mean	—	—	—	—	—	50	76	26	19	52	—	—
Max.	—	—	—	—	—	105	119	60	42	61	—	—
Min.	—	—	—	—	—	78	62	4	2	42	—	—
A. F.	—	—	—	—	—	3068	4716	1622	1206	3098	—	—

\*No Record.



**DISCHARGE IN SECOND FEET, BLUE CREEK—1923**  
 Sec. 30, Twp. 16, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	108	95	97	86	66	116	50	5	59	61	100	100
2	108	95	97	86	65	114	48	5	53	63	100	100
3	108	95	96	87	63	112	46	5	47	66	100	100
4	108	95	96	88	62	110	43	5	43	69	100	100
5	108	95	95	89	61	108	41	5	38	71	100	100
6	108	93	95	90	60	107	39	5	34	73	100	100
7	108	93	94	91	59	105	37	5	30	76	100	100
8	108	93	94	92	58	103	34	5	25	79	100	100
9	108	93	93	93	56	101	31	5	20	81	100	100
10	108	93	93	94	54	99	29	5	15	83	100	100
11	108	92	92	92	53	97	27	83	11	85	100	100
12	108	92	91	91	52	94	24	83	13	87	100	100
13	105	92	91	90	50	92	21	84	16	89	100	100
14	105	93	90	88	49	90	18	84	19	91	100	100
15	105	93	90	87	48	88	15	85	21	93	100	100
16	105	93	90	86	47	85	12	85	24	93	100	100
17	105	94	89	85	47	83	9	86	27	94	100	100
18	102	94	89	83	47	83	6	86	29	94	100	100
19	102	94	88	82	47	83	3	87	31	95	100	100
20	102	94	87	81	47	76	2	88	23	96	100	100
21	102	95	87	79	47	63	2	88	35	96	100	100
22	102	95	86	77	47	63	3	89	38	97	100	100
23	99	95	86	76	47	63	3	89	40	97	100	100
24	99	95	85	75	47	63	4	90	43	98	100	100
25	99	95	85	74	47	63	5	90	45	98	100	100
26	99	96	84	73	47	52	5	86	47	98	100	100
27	99	96	84	72	47	52	5	80	50	98	100	100
28	96	96	83	70	124	52	5	74	53	99	100	100
29	96	---	84	69	122	52	5	68	56	99	100	100
30	96	---	85	67	121	52	5	66	58	99	100	100
31	96	---	85	---	117	---	5	64	---	99	---	100
Mean	106.7	94	89.7	83.1	61.4	84	18.7	57.5	35.1	87.6	100	100
Max.	108	96	97	92	124	116	50	90	59	99	100	100
Min.	96	92	84	67	47	52	2	5	11	61	100	100
A. F.	6563	5225	5516	4945	3777	5000	1154	3541	2089	5389	5151	6149
Total Acre Feet	54,490.											

**DISCHARGE IN SECOND FEET, BLUE CREEK—1924**  
 Sec. 30, Twp. 16, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	118	118	123	104	84	45	24	22	10	27	104	112
2	118	118	123	104	80	46	22	22	10	44	104	112
3	118	118	124	104	76	47	21	22	10	61	104	112
4	118	118	122	104	74	48	20	22	10	78	104	112
5	118	118	120	104	72	50	19	22	10	96	104	112
6	118	118	119	105	70	50	18	22	10	96	104	112
7	118	118	117	106	67	51	17	22	10	96	104	112
8	118	118	115	107	64	52	16	23	10	96	104	112
9	118	118	113	108	61	53	15	23	10	96	104	112
10	118	118	111	109	58	54	14	23	10	96	104	112
11	118	118	110	109	56	55	14	23	10	96	104	112
12	118	118	108	110	54	56	13	23	10	96	104	112
13	118	119	106	111	52	57	12	24	10	96	104	112
14	118	119	105	112	48	58	11	24	10	96	104	112
15	118	119	105	113	44	52	10	24	10	96	104	112
16	118	119	105	113	42	48	11	23	10	96	104	112
17	118	119	105	114	39	44	12	22	10	96	104	112
18	118	120	105	115	37	40	13	21	10	96	104	112
19	118	120	105	116	33	36	14	20	10	96	104	112
20	118	120	105	116	34	34	15	20	10	96	104	112
21	118	121	104	112	35	32	16	20	10	96	104	112
22	118	121	104	108	36	31	17	19	10	96	104	112
23	118	121	104	104	37	30	17	18	10	96	104	112
24	118	122	104	102	38	29	18	17	10	96	104	112
25	118	122	104	100	39	28	18	16	10	96	104	112
26	118	123	104	98	40	29	19	16	10	96	112	112
27	118	123	104	95	41	27	20	15	10	96	112	112
28	118	123	104	92	42	26	21	14	10	96	112	112
29	118	123	104	89	43	25	21	13	10	96	112	112
30	118	---	104	86	44	24	22	12	10	96	112	112
31	118	---	104	---	44	---	22	11	---	96	---	112
Mean	118	120	109	105	51	42	17	20	10	90	105	112
Max.	118	123	124	116	84	58	24	24	10	96	112	112
Min.	118	118	104	86	33	24	10	11	10	27	104	112
A. F.	7256	6883	6724	6287	3141	2419	1035	1225	595	5557	6267	6886
Total Acre Feet	54,275.											

## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, BLUE CREEK—1925

Sec. 30, Twp. 16, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D.c.
1	112	117	113	123	40	54	53	1.8	14	92	108	107
2	112	117	113	123	40	54	53	1.8	14	92	108	107
3	112	117	113	123	40	54	53	1.8	14	92	108	107
4	112	117	113	123	40	54	53	1.8	14	92	108	107
5	112	117	113	123	40	54	53	1.8	14	92	108	107
6	112	117	113	123	40	54	53	1.8	14	92	108	107
7	112	117	113	123	40	54	53	1.8	14	92	108	107
8	112	117	113	123	40	54	53	1.8	14	92	108	107
9	112	117	113	123	40	54	53	1.8	14	92	108	107
10	112	117	113	123	40	54	53	1.8	14	92	108	107
11	112	117	113	100	20	83	43	4.7	72	92	108	107
12	112	117	113	100	20	83	43	4.7	72	92	108	107
13	112	117	113	100	20	83	43	4.7	72	92	108	107
14	112	117	113	100	20	83	43	4.7	72	92	108	107
15	112	117	113	100	20	83	43	4.7	72	92	108	107
16	112	117	113	100	20	83	1	4.7	72	92	108	107
17	112	117	113	100	20	83	1	4.7	72	92	108	107
18	112	117	113	100	20	83	1	4.7	72	92	108	107
19	112	117	113	100	20	83	1	4.7	72	92	108	107
20	112	117	113	100	20	83	1	4.7	72	92	108	107
21	115	117	113	51	40	16	1	48.0	70	92	108	107
22	115	117	113	51	40	16	1	48.0	70	92	108	107
23	115	117	113	51	40	16	1	48.0	70	92	108	107
24	115	117	113	51	40	16	1	48.0	70	92	108	107
25	115	117	113	51	40	16	1	48.0	70	92	108	107
26	115	117	113	51	40	16	1	48.0	70	92	108	107
27	115	117	113	51	40	16	1	48.0	70	92	108	107
28	115	117	113	51	40	16	1	48.0	70	92	108	107
29	115	-----	113	51	40	16	1	48.0	70	92	108	107
30	115	-----	113	51	40	16	1	48.0	70	92	108	107
31	115	-----	113	-----	40	-----	1	48.0	-----	92	-----	107
Mean	113	117	113	91	34	51	26	38.0	52	92	108	107
Max.	115	117	113	123	40	83	53	48.0	72	92	108	107
Min.	112	117	113	51	20	16	1	1.8	14	92	108	107
A. F.	6952	6498	6948	5435	2063	3035	1509	2336	3094	5657	6426	6579
Total Acre Feet	56,532.											

## DISCHARGE IN SECOND FEET, BLUE CREEK—1926

Sec. 30, Twp. 16, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D.c.
1	112	127	104	113	100	73	2	1	3	64	115	120
2	112	127	104	113	100	73	2	1	3	64	115	120
3	112	127	104	113	100	73	2	1	3	64	115	120
4	112	127	104	113	100	73	2	1	3	64	115	120
5	112	127	104	113	100	73	2	1	3	64	115	120
6	112	127	104	113	100	73	2	1	3	64	115	120
7	112	127	104	113	100	73	2	1	3	64	115	120
8	112	127	104	113	100	73	2	1	3	64	115	120
9	112	127	104	113	100	73	2	1	3	64	115	120
10	112	127	104	113	100	73	2	1	3	64	115	120
11	112	127	104	113	50	73	2	15	40	64	115	120
12	112	127	104	113	50	73	2	15	40	64	115	120
13	112	127	104	113	50	73	2	15	40	64	115	120
14	112	127	104	113	50	73	2	15	40	64	115	120
15	112	127	104	113	50	73	2	15	40	64	115	120
16	112	127	104	113	50	27	2	15	40	64	115	120
17	112	127	104	113	50	27	2	15	40	64	115	120
18	112	127	104	113	50	27	2	15	40	64	115	120
19	112	127	104	113	50	27	2	15	40	64	115	120
20	112	127	104	113	50	27	2	15	40	64	115	120
21	113	127	104	102	50	27	2	5	83	105	115	120
22	112	127	104	102	50	27	2	5	83	105	115	120
23	112	127	104	102	50	27	2	5	83	105	115	120
24	112	127	104	102	50	27	2	5	83	105	115	120
25	112	127	104	102	50	27	2	5	83	105	115	120
26	112	127	104	102	50	2	1	5	83	105	115	120
27	112	127	104	102	50	2	1	5	83	105	115	120
28	112	127	104	102	50	2	1	5	83	105	115	120
29	112	-----	104	102	50	2	1	5	83	105	115	120
30	112	-----	104	102	50	2	1	5	83	105	115	120
31	112	-----	104	-----	50	-----	1	5	-----	105	-----	120
Mean	112	127	104	109	66	126	2	7	42	79	115	120
Max.	112	127	104	113	100	73	2	15	83	105	115	120
Min.	112	127	104	102	50	2	1	5	3	64	115	120
A. F.	6886	7053	6394	6506	4066	7547	111	426	2499	4820	6843	7378
Total Acre Feet	60,538.											

# HYDROGRAPHIC REPORT—1928

519

## DISCHARGE IN SECOND FEET, BLUE CREEK—1927

Sec. 30, Twp. 16, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	124	146	125	115	136	100	28	105	74	93	104	125
2	124	146	125	115	136	100	28	105	74	93	104	125
3	124	146	125	115	136	100	28	105	74	93	104	125
4	124	146	125	115	136	100	28	105	74	93	104	125
5	124	146	125	115	136	100	28	105	74	93	104	125
6	124	146	125	115	136	100	28	105	74	93	104	125
7	124	146	125	115	136	100	28	105	74	93	104	125
8	124	146	125	115	136	100	28	105	74	93	104	125
9	124	146	125	115	136	100	28	105	74	93	104	125
10	124	146	125	115	136	100	28	105	74	93	104	125
11	124	146	125	164	136	119	28	90	74	87	104	125
12	124	146	125	164	136	119	28	90	74	87	104	125
13	124	146	125	164	136	119	28	90	74	87	104	125
14	124	146	125	164	136	119	28	90	74	87	104	125
15	124	146	125	164	136	119	28	90	74	87	104	125
16	124	146	125	164	136	119	28	90	74	87	104	125
17	124	146	125	164	136	119	28	90	74	87	104	125
18	124	146	125	164	136	119	28	90	74	87	104	125
19	124	146	125	164	136	119	28	90	74	87	104	125
20	124	146	125	164	136	119	28	90	74	87	104	125
21	124	146	125	140	79	22	2	91	74	104	103	125
22	124	146	125	140	79	22	2	91	74	104	103	125
23	124	146	125	140	79	22	2	91	74	104	103	125
24	124	146	125	140	79	22	2	91	74	104	103	125
25	124	146	125	140	79	22	2	91	74	104	103	125
26	124	146	125	140	79	22	2	91	74	104	103	125
27	124	146	125	140	79	22	2	91	74	104	103	125
28	124	146	125	140	79	22	2	91	74	104	103	125
29	124	-----	125	140	79	22	2	91	74	104	103	125
30	124	-----	125	140	79	22	2	91	74	104	103	125
31	124	-----	125	-----	79	-----	2	91	-----	104	-----	125
Mean	124	146	125	139	83	80	19	95	74	95	103.4	125
Max.	124	146	125	164	136	119	28	105	74	104	104	125
Min.	124	146	125	115	79	22	2	90	74	87	103	125
A. F.	7624	8108	7686	8311	5135	4780	1154	5853	4403	5839	6168	7686
Total Acre Feet	72,747.											

## DISCHARGE IN SECOND FEET, BLUE CREEK—1928

Sec. 30, Twp. 16, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	181	147	138	142	28	28	132	83	29	100	140	125
2	181	147	138	142	28	28	132	83	29	100	140	125
3	181	147	138	142	28	28	132	83	29	100	140	125
4	181	147	138	142	28	28	132	83	29	100	140	125
5	181	147	138	142	28	28	132	83	29	100	140	125
6	181	147	138	142	28	44	132	83	29	100	128	125
7	181	147	138	142	28	44	132	83	29	100	128	125
8	181	147	138	142	28	44	132	83	29	100	128	125
9	181	147	138	142	28	44	132	83	29	100	128	125
10	181	147	138	142	28	44	132	83	29	100	128	125
11	181	147	138	142	28	44	132	83	29	100	128	125
12	181	147	138	142	28	44	132	83	29	100	128	125
13	181	147	138	142	28	44	132	83	29	100	128	125
14	181	147	138	142	28	44	132	83	29	100	128	125
15	181	147	138	142	28	44	132	83	29	100	128	125
16	94	135	142	17	28	44	132	17	17	100	122	140
17	94	135	142	17	28	44	132	17	17	100	122	140
18	94	135	142	17	28	44	132	17	17	100	122	140
19	94	135	142	17	28	44	132	17	17	100	122	140
20	94	135	142	17	28	44	132	17	17	100	122	140
21	94	135	142	17	28	109	102	17	17	100	122	140
22	94	135	142	17	28	109	102	17	17	100	122	140
23	94	135	142	17	28	109	102	17	17	100	122	140
24	94	135	142	17	28	109	102	17	17	100	122	140
25	94	135	142	17	28	109	102	17	17	100	122	140
26	94	135	142	17	28	109	102	6	17	100	122	140
27	94	135	142	17	28	109	102	6	17	100	122	140
28	94	135	142	17	28	109	102	6	17	100	122	140
29	94	135	142	17	28	109	102	6	17	100	122	140
30	94	-----	142	17	28	109	102	6	17	100	122	140
31	94	-----	142	-----	28	-----	102	6	-----	100	-----	140
Mean	136	141	140	79	28	66	121	47	23	100	127	128
Max.	181	147	142	142	28	109	132	83	29	100	140	140
Min.	94	135	138	17	28	28	102	6	17	100	122	125
A. F.	8368	8122	8612	4730	1722	3965	7462	2878	1369	6149	7537	7884
Total Acre Feet	68,818.											



**DISCHARGE, IN SECOND FEET, BLUE RIVER, LITTLE, NEAR FAIRBURY—1915**  
 Sec. 9, Twp. 2, Rge. 2 E.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	284	264	377	1990	1540	480	*	*	*
2	....	....	....	294	244	334	1220	1490	432	....	....	....
3	....	....	....	294	225	421	2040	6390	388	....	....	....
4	....	....	....	334	225	902	1350	7610	345	....	....	....
5	....	....	....	377	207	972	1140	5910	345	....	....	....
6	....	....	....	377	216	1240	1020	4460	345	....	....	....
7	....	....	....	377	207	2660	1180	1710	324	....	....	....
8	....	....	....	356	207	4990	955	1100	324	....	....	....
9	....	....	....	334	198	3560	780	885	345	....	....	....
10	....	....	....	334	207	5350	690	750	324	....	....	....
11	....	....	....	294	198	10100	920	605	304	....	....	....
12	....	....	....	274	207	3320	334	580	304	....	....	....
13	....	....	....	254	198	6880	1490	550	284	....	....	....
14	....	....	....	344	198	5170	5300	480	304	....	....	....
15	....	....	....	234	198	2690	2690	456	284	....	....	....
16	....	....	....	234	189	1350	3320	555	284	....	....	....
17	....	....	....	225	198	990	4700	6880	284	....	....	....
18	....	....	....	216	207	1350	7490	1880	630	....	....	....
19	....	....	....	216	216	1440	5780	3420	555	....	....	....
20	....	....	....	198	234	5170	2620	1220	885	....	....	....
21	....	....	....	216	284	4250	1300	955	1020	....	....	....
22	....	....	....	198	284	3800	990	750	1260	....	....	....
23	....	....	....	207	264	4250	780	580	955	....	....	....
24	....	....	....	198	264	2320	690	530	690	....	....	....
25	....	....	....	216	244	1260	630	555	530	....	....	....
26	....	....	....	798	284	990	605	580	555	....	....	....
27	....	....	....	518	304	815	1880	505	580	....	....	....
28	....	....	....	294	505	750	850	505	690	....	....	....
29	....	....	....	264	690	690	720	885	690	....	....	....
30	....	....	....	254	555	1650	2540	660	580	....	....	....
31	....	....	....	....	456	....	2940	580	....	....	....	....
Mean	....	....	....	297	270	2870	1970	1790	511	....	....	....
Max.	....	....	....	798	690	10100	7490	7610	1260	....	....	....
Min.	....	....	....	198	189	334	334	456	284	....	....	....
A. F.	....	....	....	17700	16600	171000	121000	110000	30400	....	....	....

\*No Record.

**DISCHARGE IN SECOND FEET, BUFFALO CREEK—1922**

Sec. 18, Twp. 1, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D c.
1	*	*	11	13	16	18	14	10	4	0	1	*
2	....	....	11	13	16	18	14	10	3	0	1	....
3	....	....	11	13	16	18	14	10	3	0	1	....
4	....	....	11	13	16	18	14	10	2	0	1	....
5	....	....	11	13	16	18	14	10	2	0	1	....
6	....	....	11	13	16	17	14	10	2	0	1	....
7	....	....	11	13	16	17	14	10	1	0	1	....
8	....	....	11	13	16	17	14	10	0	0	1	....
9	....	....	11	13	16	17	14	10	0	0	1	....
10	....	....	11	13	16	17	14	10	0	0	1	....
11	....	....	12	14	16	16	12	8	0	1	1	....
12	....	....	12	14	16	16	12	8	0	1	1	....
13	....	....	12	14	16	16	12	8	0	1	1	....
14	....	....	12	14	16	16	12	8	0	1	1	....
15	....	....	12	14	16	16	12	8	0	1	1	....
16	....	....	12	14	16	15	12	8	0	1	1	....
17	....	....	12	14	16	15	12	8	0	1	1	....
18	....	....	12	14	16	15	12	8	0	1	1	....
19	....	....	12	14	16	15	12	8	0	1	1	....
20	....	....	12	14	16	15	12	8	0	1	1	....
21	....	....	13	15	17	15	11	6	0	1	1	....
22	....	....	13	15	17	15	11	6	0	1	1	....
23	....	10	13	15	17	15	11	6	0	1	1	....
24	....	10	13	15	17	15	11	6	0	1	1	....
25	....	10	13	15	17	15	11	6	0	1	1	....
26	....	10	13	15	17	15	11	6	0	1	....	....
27	....	10	13	15	17	15	11	6	0	1	....	....
28	....	10	13	15	17	15	11	6	0	1	....	....
29	....	....	13	15	17	15	11	6	0	1	....	....
30	....	....	13	15	17	15	11	6	0	1	....	....
31	....	....	13	....	17	....	11	6	....	1	....	....
Mean	....	10	12	14	16.3	16	13.2	7.9	0.6	0.67	1	....
Max.	....	10	13	15	17	18	14	10	4	1	1	....
Min.	....	10	11	13	16	15	11	6	0	0	1	....
A. F.	....	119	740	833	1005	952	756	488	33	42	47	....

\*No Record.



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, BUFFALO CREEK—1924  
Sec. 18, Twp. 1, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14	14	14	15	13	13	10	13	6	6	6	6
2	14	14	14	15	13	13	10	13	6	6	6	6
3	14	14	14	15	13	13	10	13	6	6	6	6
4	14	14	14	15	13	13	10	13	6	6	6	6
5	14	14	14	15	13	13	10	13	6	6	6	6
6	14	14	14	15	13	13	10	13	6	6	6	6
7	14	14	14	15	13	13	10	13	6	6	6	6
8	14	14	14	15	13	13	10	13	6	6	6	6
9	14	14	14	15	13	13	10	13	6	6	6	6
10	14	14	14	15	13	13	10	13	6	6	6	6
11	14	14	14	16	15	13	11	12	13	6	6	6
12	14	14	14	16	15	13	11	12	13	6	6	6
13	14	14	14	16	15	13	11	12	13	6	6	6
14	14	14	14	16	15	13	11	12	13	6	6	6
15	14	14	14	16	15	13	11	12	13	6	6	6
16	14	14	14	16	15	13	11	12	10	6	6	6
17	14	14	14	16	15	13	11	12	10	6	6	6
18	14	14	14	16	15	13	11	12	10	6	6	6
19	14	14	14	16	15	13	11	12	10	6	6	6
20	14	14	14	16	15	13	11	12	10	6	6	6
21	14	14	14	16	13	13	9	12	10	6	6	6
22	14	14	14	16	13	13	9	12	10	6	6	6
23	14	14	14	16	13	13	9	12	10	6	6	6
24	14	14	14	16	13	13	9	12	10	6	6	6
25	14	14	14	16	13	13	9	12	10	6	6	6
26	14	14	14	16	13	13	9	12	8	6	6	6
27	14	14	14	16	13	13	9	12	8	6	6	6
28	14	14	14	16	13	13	9	12	8	6	6	6
29	14	14	14	16	13	13	9	12	8	6	6	6
30	14	---	16	13	13	9	12	8	6	6	6	6
31	14	---	16	---	13	---	12	8	---	6	6	6
Mean	14	14	15	14	13	11	11	11	6	6	6	6
Max.	14	14	16	15	13	13	12	13	6	6	6	6
Min.	14	14	14	13	13	9	10	8	6	6	6	6
A. F.	860	777	944	852	799	654	698	680	357	369	357	369
Total Acre Feet	7,883.											

DISCHARGE IN SECOND FEET, BUFFALO CREEK—1925  
Sec. 18, Twp. 1, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	7.2	10.3	10.7	*
2	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	7.2	10.3	10.7	-----
3	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	7.2	10.3	10.7	-----
4	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	7.2	10.3	10.7	-----
5	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	7.2	10.3	10.7	-----
6	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	7.2	10.3	10.7	-----
7	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	8.4	10.3	10.7	-----
8	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	8.4	10.3	10.7	-----
9	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	8.4	10.3	10.7	-----
10	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	8.4	10.3	10.7	-----
11	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	8.4	10.3	10.7	-----
12	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	8.4	10.3	10.7	-----
13	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	8.4	10.3	10.7	-----
14	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	8.4	10.3	10.7	-----
15	21.5	21.5	19.0	19.9	13.9	6.6	6.6	4.4	8.4	10.3	10.7	-----
16	21.5	21.5	19.0	13.9	13.9	6.6	6.6	4.4	8.4	10.7	10.7	-----
17	21.5	21.5	19.0	13.9	13.9	6.6	6.6	4.4	8.4	10.7	10.7	-----
18	21.5	19.0	19.0	13.9	13.9	6.6	6.6	4.4	8.4	10.7	10.7	-----
19	21.5	19.0	19.9	13.9	13.9	6.6	6.6	4.4	8.4	10.7	13.9	-----
20	21.5	19.0	19.9	13.9	13.9	6.6	6.6	4.4	8.4	10.7	13.9	-----
21	21.5	19.0	19.9	13.9	13.9	6.6	6.6	4.4	8.4	10.7	13.9	-----
22	21.5	19.0	19.9	13.9	13.9	6.6	6.6	4.4	8.4	10.7	13.9	-----
23	21.5	19.0	19.9	13.9	13.9	6.6	6.6	4.4	8.4	10.7	13.9	-----
24	21.5	19.0	19.9	13.9	13.9	6.6	6.6	4.4	8.4	10.7	13.9	-----
25	21.5	19.0	19.9	13.9	13.9	6.6	6.6	4.4	7.2	10.3	10.7	-----
26	21.5	19.0	19.9	13.9	13.9	6.6	6.6	4.4	7.2	10.3	10.7	-----
27	21.5	19.0	19.0	13.9	6.6	6.6	6.6	4.4	7.2	10.3	10.7	-----
28	21.5	19.0	19.0	13.9	6.6	6.6	6.6	4.4	7.2	10.3	10.7	-----
29	21.5	-----	19.0	13.9	6.6	6.6	6.6	4.4	7.2	10.3	10.7	-----
30	21.5	-----	19.0	13.9	6.6	6.6	6.6	4.4	7.2	10.3	10.7	-----
31	21.5	-----	19.0	-----	6.6	-----	4.4	7.2	-----	10.7	-----	-----
Mean	21.5	20.5	16.3	16.7	12.7	6.6	5.7	5.1	8.5	10.5	10.7	-----
Max.	21.5	21.5	19.9	19.9	13.9	6.6	6.6	7.2	10.3	10.7	13.9	-----
Min.	21.5	19.0	19.0	13.9	6.6	6.6	4.4	4.4	7.2	10.3	10.7	-----
A. F.	1322	1140	1168	1006	781	393	353	315	508	648	637	-----
*No Record.												

# HYDROGRAPHIC REPORT—1928

523

## DISCHARGE IN SECOND FEET, BUFFALO CREEK—1926

Sec. 18, Twp. 1, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D.c.
1	21	20	13	17	1	5	18	1	10	11	12	*
2	21	20	13	17	1	5	18	1	10	11	12	....
3	21	20	13	17	1	5	18	1	10	11	12	....
4	21	20	13	17	1	5	18	1	10	11	12	....
5	21	20	13	17	1	5	18	1	10	11	12	....
6	21	20	13	17	1	5	18	1	10	11	12	....
7	21	20	13	17	1	5	18	1	10	11	12	....
8	21	20	13	17	1	5	18	1	10	11	12	....
9	21	20	13	17	1	5	18	1	10	11	12	....
10	21	20	13	17	1	5	18	1	10	11	12	....
11	21	20	13	11	10	5	18	10	10	11	12	....
12	21	20	13	11	10	5	18	10	10	11	12	....
13	21	20	13	11	10	5	18	10	10	11	12	....
14	21	20	13	11	10	5	18	10	10	11	12	....
15	21	20	13	11	10	5	18	10	10	11	12	....
16	21	20	13	11	10	5	18	10	10	11	12	....
17	21	20	13	11	10	5	18	10	10	11	12	....
18	21	20	13	11	10	5	18	10	10	11	12	....
19	21	20	13	11	10	5	18	10	10	11	12	....
20	21	20	13	11	10	5	18	10	10	11	12	....
21	21	20	9	11	8	6	18	10	10	11	12	....
22	21	20	9	11	8	6	18	10	10	11	12	....
23	21	20	9	11	8	6	18	10	10	11	12	....
24	21	20	9	11	8	6	18	10	10	11	12	....
25	21	20	9	11	8	6	18	10	10	11	12	....
26	21	20	9	11	8	6	18	10	10	11	12	....
27	21	20	9	11	8	6	18	10	10	11	12	....
28	21	20	9	11	8	6	18	10	10	11	12	....
29	21	---	9	11	8	6	18	10	10	11	12	....
30	21	---	9	11	8	6	18	10	10	11	12	....
31	21	---	9	---	8	---	18	10	---	11	---	....
Mean	21	20	12	13	6	5	18	7	10	11	12	....
Max.	21	20	13	17	10	6	18	10	10	11	12	....
Min.	21	20	9	11	1	5	18	1	10	11	12	....
A. F.	1291	1111	700	762	393	317	1107	436	595	676	714	---

\*No Record.

## DISCHARGE IN SECOND FEET, BUFFALO CREEK—1927

Sec. 18, Twp. 1, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D.c.
1	15	15	13	16	11	3	2	7	6	6	8	11
2	15	15	13	16	11	3	2	7	6	6	8	11
3	15	15	13	16	11	3	2	7	6	6	8	11
4	15	15	13	16	11	3	2	7	6	6	8	11
5	15	15	13	16	11	3	2	7	6	6	8	11
6	15	15	13	16	11	3	2	7	6	6	8	11
7	15	15	13	16	11	3	2	7	6	6	8	11
8	15	15	13	16	11	3	2	7	6	6	8	11
9	15	15	13	16	11	3	2	7	6	6	8	11
10	15	15	13	16	11	3	2	7	6	6	8	11
11	15	15	13	16	4	3	2	7	6	6	8	11
12	15	15	13	16	4	3	2	7	6	6	8	11
13	15	15	13	16	4	3	2	7	6	6	8	11
14	15	15	13	16	4	3	2	7	6	6	8	11
15	15	15	13	16	4	3	2	7	6	6	8	11
16	15	15	13	16	4	3	2	7	6	6	8	11
17	15	15	13	16	4	3	2	7	6	6	8	11
18	15	15	13	16	4	3	2	7	6	6	8	11
19	15	15	13	16	4	3	2	7	6	6	8	11
20	15	15	13	16	4	3	2	7	6	6	8	11
21	15	15	13	16	3	6	7	10	6	6	8	15
22	15	15	13	16	3	6	7	10	6	6	8	15
23	15	15	13	16	3	6	7	10	6	6	8	15
24	15	15	13	16	3	6	7	10	6	6	8	15
25	15	15	13	16	3	6	7	10	6	6	8	15
26	15	15	13	16	3	6	7	10	6	6	8	15
27	15	15	13	16	3	6	7	10	6	6	8	15
28	15	15	13	16	3	6	7	10	6	6	8	15
29	15	---	13	16	3	6	7	10	6	6	8	15
30	15	---	13	16	3	6	7	10	6	6	8	15
31	15	---	13	---	3	---	7	10	6	6	8	15
Mean	15	15	13	16	6	4	3.7	8.3	6	6	8	12.8
Max.	15	15	13	16	11	6	7	10	6	6	8	15
Min.	15	15	13	16	3	3	2	7	6	6	8	11
A. F.	922	833	799	952	357	233	232	495	357	368	476	763

Total Acre Feet 6,792.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, BUFFALO CREEK—1928  
Sec. 18, Twp. 1, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	16	14	13	10	11	14	9	11	12	11	13	21
2	16	14	13	10	11	14	9	11	12	11	13	21
3	16	14	13	10	11	14	9	11	12	11	13	21
4	16	14	13	10	11	14	9	11	12	11	13	21
5	16	14	13	10	11	14	9	11	12	11	13	21
6	16	14	13	10	11	14	9	11	12	11	13	21
7	16	14	13	10	11	14	9	11	12	11	13	21
8	16	14	13	10	11	14	9	11	12	11	13	21
9	16	14	13	10	11	14	9	11	12	11	13	21
10	16	14	13	10	11	14	9	11	12	11	13	21
11	16	14	13	10	11	14	9	11	12	11	13	21
12	16	14	13	10	11	14	9	11	12	11	13	21
13	16	14	13	10	11	14	9	11	12	11	13	21
14	16	14	13	10	11	14	9	11	12	11	13	21
15	16	14	13	10	11	14	9	11	12	11	13	21
16	16	14	16	10	11	14	14	11	10	10	14	21
17	16	14	16	10	11	14	14	11	10	10	14	21
18	16	14	16	10	11	14	14	11	10	10	14	21
19	16	14	16	10	11	14	14	11	10	10	14	21
20	16	14	16	10	11	14	14	11	10	10	14	21
21	16	14	16	10	11	14	14	11	10	10	14	21
22	16	14	16	10	11	14	14	11	10	10	14	21
23	16	14	16	10	11	14	14	11	10	10	14	21
24	16	14	16	10	11	14	14	11	10	10	14	21
25	16	14	16	10	11	14	14	11	10	10	14	21
26	16	14	16	10	11	14	14	11	10	10	14	21
27	16	14	16	10	11	14	14	11	10	10	14	21
28	16	14	16	10	11	14	14	11	10	10	14	21
29	16	14	16	10	11	14	14	11	10	10	14	21
30	16	14	16	10	11	14	14	11	10	10	14	21
31	16	14	16	10	11	14	14	11	10	10	14	21
Mean	16	14	11	10	11	14	11	11	11	11	13	21
Max.	16	14	16	10	11	14	14	11	12	11	14	21
Min.	16	14	13	10	11	14	9	11	10	10	13	21
A. F.	984	805	696	595	676	861	712	676	654	645	803	1291
Total Acre Feet	9,398.											

DISCHARGE IN SECOND FEET, BUFFALO CREEK—1925  
Sec. 33, Twp. 9, Rge. 18 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	2.0	2.1	2.9	4.3	4.3	43.2	41.1	*	*	*	*
2	2.0	2.0	2.1	2.9	4.3	4.3	40.0	41.1	—	—	—	—
3	2.0	2.0	2.1	2.9	4.3	4.3	24.1	41.1	—	—	—	—
4	2.0	2.0	2.1	2.9	4.3	4.3	15.0	41.1	—	—	—	—
5	2.0	2.0	2.1	2.9	4.3	4.3	10.0	41.1	—	—	—	—
6	2.0	2.0	2.1	2.9	4.3	4.3	9.9	41.1	—	—	—	—
7	2.0	2.0	2.1	2.9	4.3	4.3	9.9	41.1	—	—	—	—
8	2.0	2.0	2.1	2.9	4.3	4.3	9.9	41.1	—	—	—	—
9	2.0	2.0	2.1	2.9	4.5	9.7	9.9	41.1	—	—	—	—
10	2.0	2.0	2.1	2.9	4.5	9.7	9.9	41.1	—	—	—	—
11	2.0	2.0	2.1	2.9	4.5	9.7	9.9	*	—	—	—	—
12	2.0	2.0	2.1	2.9	4.5	9.7	9.9	—	—	—	—	—
13	2.0	2.1	2.1	4.3	4.5	9.7	9.9	—	—	—	—	—
14	2.0	2.1	2.1	4.3	4.5	9.7	9.9	—	—	—	—	—
15	2.0	2.1	2.1	4.3	4.5	9.7	9.9	—	—	—	—	—
16	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
17	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
18	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
19	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
20	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
21	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
22	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
23	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
24	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
25	2.0	2.1	2.9	4.3	4.5	9.7	9.9	—	—	—	—	—
26	2.0	2.1	2.9	4.3	4.5	9.7	35.5	—	—	—	—	—
27	2.0	2.1	2.9	4.3	4.5	9.7	35.5	—	—	—	—	—
28	2.0	2.1	2.9	4.3	4.5	9.7	35.5	—	—	—	—	—
29	2.0	2.1	2.9	4.3	4.5	9.7	35.5	—	—	—	—	—
30	2.0	2.1	2.9	4.3	4.5	9.7	41.1	—	—	—	—	—
31	2.0	2.1	2.9	4.3	4.5	9.7	41.1	—	—	—	—	—
Mean	2.0	2.1	2.5	3.8	4.4	8.2	17.8	41.1	—	—	—	—
Max.	2.0	2.1	2.9	4.3	4.5	9.7	43.2	41.1	—	—	—	—
Min.	2.0	2.0	2.1	2.9	4.3	4.3	9.9	41.1	—	—	—	—
A. F.	123	114	154	231	273	491	1099	815	—	—	—	—
*No Record.												

# HYDROGRAPHIC REPORT—1928

525

## DISCHARGE IN SECOND FEET, BUFFALO CREEK—1927

Sec. 33, Twp. 9, Rge. 18 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	2	3	4	23	36	81	98	94	1	2	2
2	2	2	3	4	23	36	81	98	94	1	2	2
3	2	2	3	4	23	36	81	98	94	1	2	2
4	2	2	3	4	23	36	81	98	94	1	2	2
5	2	2	3	4	23	36	81	98	94	1	2	2
6	2	2	3	4	23	36	81	98	94	1	2	2
7	2	2	3	4	23	36	81	98	94	1	2	2
8	2	2	3	4	23	36	81	98	94	1	2	2
9	2	2	3	4	23	36	81	98	94	1	2	2
10	2	2	3	4	23	36	81	98	94	1	2	2
11	2	2	3	56	23	36	81	91	94	1	2	2
12	2	2	3	56	23	36	81	91	94	1	2	2
13	2	2	3	56	23	36	81	91	94	1	2	2
14	2	2	3	56	23	36	81	91	94	1	2	2
15	2	2	3	56	23	36	81	91	94	1	2	2
16	2	2	3	56	23	36	45	91	94	1	2	2
17	2	2	3	56	23	36	45	91	94	1	2	2
18	2	2	3	56	23	36	45	91	94	1	2	2
19	2	2	3	56	23	36	45	91	94	1	2	2
20	2	2	3	56	23	36	45	91	94	1	2	2
21	2	2	3	20	23	36	45	91	94	1	1	2
22	2	2	3	20	23	36	45	91	94	1	1	2
23	2	2	3	20	23	36	45	91	94	1	1	2
24	2	2	3	20	23	36	45	91	94	1	1	2
25	2	2	3	20	23	36	45	91	94	1	1	2
26	2	2	3	20	23	36	43	91	94	1	1	2
27	2	2	3	20	23	36	43	91	94	1	1	2
28	2	2	3	20	23	36	43	91	94	1	1	2
29	2	---	3	20	23	36	43	91	94	1	1	2
30	2	---	3	20	23	36	43	91	94	1	1	2
31	2	---	3	---	23	---	43	91	---	1	---	2
Mean	2	2	3	26	23	36	62	93	94	1	1.7	2
Max.	2	2	3	56	23	36	81	98	94	1	2	2
Min.	2	2	3	4	23	36	43	91	94	1	1	2
A. F.	123	111	184	1587	1414	2142	3798	5734	5593	61	99	123
Total Acre Feet	20,969.											

## DISCHARGE IN SECOND FEET, BUFFALO CREEK—1928

Sec. 33, Twp. 9, Rge. 18 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	2	2	63	115	77	47	100	80	17	*
2	---	---	2	2	63	115	77	47	100	80	17	---
3	---	---	2	2	63	115	77	47	100	80	17	---
4	---	---	2	2	63	115	77	47	100	80	17	---
5	---	---	2	2	63	115	77	47	100	80	17	---
6	---	---	2	2	63	115	77	47	100	80	17	---
7	---	---	2	2	63	115	77	47	100	80	17	---
8	---	---	2	2	63	115	77	47	100	80	17	---
9	---	---	2	2	63	115	77	47	100	80	17	---
10	---	---	2	2	63	115	77	47	100	80	17	---
11	---	---	2	2	63	115	77	47	100	80	17	---
12	---	---	2	2	63	115	77	47	100	80	17	---
13	---	---	2	2	63	115	77	47	100	80	17	---
14	---	---	2	2	63	115	77	47	100	80	17	---
15	---	---	2	2	63	115	77	47	100	80	17	---
16	---	---	2	2	63	62	77	47	100	80	3	---
17	---	---	2	2	63	62	77	47	100	80	3	---
18	---	---	2	2	63	62	77	47	100	80	3	---
19	---	---	2	2	63	62	77	47	100	80	3	---
20	---	---	2	2	63	62	77	47	100	80	3	---
21	---	---	2	2	63	62	41	47	100	80	3	---
22	---	---	2	2	63	62	41	47	100	80	3	---
23	---	---	2	2	63	62	41	10	100	80	3	---
24	---	---	2	2	63	62	41	36	100	80	3	---
25	---	---	2	2	63	62	41	36	100	80	3	---
26	---	---	2	2	63	62	41	36	100	80	3	---
27	---	---	2	2	63	62	41	36	100	80	3	---
28	---	---	2	2	63	62	41	40	100	80	3	---
29	---	---	2	2	63	62	41	45	100	80	3	---
30	---	---	2	2	63	62	41	51	100	80	3	---
31	---	---	2	---	63	---	41	68	---	80	---	---
Mean	---	---	2	2	63	88	64	45	100	80	10	---
Max.	---	---	2	2	63	115	77	47	100	80	17	---
Min.	---	---	2	2	63	62	41	10	100	80	3	---
A. F.	---	---	123	119	3874	5266	3949	2761	5950	4760	595	---
No Record.												

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, CAMP CLARK SEEP—1920  
Sec. 9, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D. c.
1	3	2	2	1	3	1	3	6	13	12	5	5
2	3	2	2	1	3	1	3	6	13	12	5	5
3	3	2	2	1	3	1	3	7	12	11	5	5
4	3	2	2	1	3	1	3	7	12	11	5	5
5	3	3	2	1	3	1	3	7	12	11	5	5
6	3	3	2	2	2	1	3	7	11	10	6	5
7	3	3	2	2	2	1	4	8	11	10	6	5
8	3	3	2	2	2	1	4	8	11	9	6	5
9	3	3	2	2	2	1	4	9	11	9	6	5
10	3	3	2	2	2	1	4	9	11	9	5	5
11	3	3	2	2	2	1	4	9	11	8	5	5
12	3	3	2	2	2	1	4	10	11	8	5	5
13	3	3	2	2	2	1	4	10	11	7	5	5
14	3	3	2	2	2	1	4	11	11	7	5	5
15	3	3	2	2	2	1	4	11	11	6	5	5
16	3	3	2	2	2	1	4	12	11	6	5	5
17	3	3	2	2	2	1	4	12	11	5	5	5
18	3	3	2	2	2	2	4	13	11	5	5	5
19	3	3	2	2	2	2	4	13	11	5	5	4
20	3	3	2	2	2	2	4	13	11	4	5	4
21	3	3	1	2	2	2	4	13	12	4	5	4
22	3	3	1	2	2	2	5	14	12	4	5	4
23	3	2	1	2	2	2	5	14	12	4	5	4
24	3	2	1	2	2	2	5	14	12	4	5	4
25	3	2	1	2	2	2	5	14	12	4	5	4
26	2	2	1	2	2	3	5	14	12	4	5	4
27	2	2	1	2	1	3	5	14	12	4	5	4
28	2	2	1	2	1	3	6	14	12	4	5	4
29	2	2	1	3	1	3	6	13	12	4	5	4
30	2	---	1	3	1	3	6	13	12	4	5	3
31	2	---	1	---	1	---	6	13	---	4	---	3
Mean	3	3	2	---	2	1.5	4	12	11	6	5	5
Max.	3	3	2	3	3	3	6	14	13	12	6	5
Min.	2	2	1	1	1	1	3	6	11	9	5	3
A. F.	161	151	101	109	123	95	261	670	688	414	305	278
Total Acre Feet	3,356.											

DISCHARGE IN SECOND FEET, CAMP CLARK SEEP—1921  
Sec. 9, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D. c.
1	2.5	5	3	3	2	2	3	15	16	14	9	8
2	2.5	5	3	3	2	2	3	16	16	14	8	8
3	2.5	5	3	3	2	2	3	15	15	14	8	8
4	2.5	5	3	3	2	2	3	17	16	14	8	8
5	2.5	4	3	3	2	2	3	17	16	13	8	8
6	2.5	4	3	3	3	2	4	18	15	13	8	8
7	2.5	4	3	3	3	2	4	18	15	13	8	7
8	2.5	4	3	3	3	2	5	18	15	13	9	7
9	2.5	4	3	3	3	2	5	18	15	13	9	7
10	2.5	4	3	3	3	2	6	18	15	13	9	7
11	2.5	4	3	3	3	2	6	18	16	12	9	7
12	2.5	4	3	3	3	2	7	18	16	12	9	7
13	3	4	3	3	3	2	7	17	16	12	9	7
14	3	4	3	3	3	2	8	17	16	12	9	6
15	3	4	3	3	3	2	8	17	16	12	9	6
16	3	4	3	2	3	2	8	17	16	11	9	6
17	3	3	3	2	3	2	9	17	16	11	9	6
18	3	3	3	2	3	2	9	17	16	11	9	6
19	3	3	3	2	3	2	10	17	16	11	9	6
20	3	3	3	2	3	2	10	17	16	11	9	6
21	4	3	3	2	3	2	10	17	16	11	9	6
22	4	3	3	2	3	3	11	17	16	10	9	6
23	4	3	3	2	2	3	11	16	16	15	9	6
24	4	3	3	2	2	3	12	16	16	10	9	6
25	4	3	3	2	2	3	12	16	16	10	9	6
26	4	3	3	2	2	3	13	16	16	10	9	6
27	4	3	3	2	2	3	13	16	15	10	9	5
28	4	3	3	2	2	3	13	16	15	9	9	5
29	4	---	3	2	2	3	14	16	15	9	9	5
30	4	---	3	2	2	3	14	16	15	9	9	5
31	4	---	3	---	2	---	15	16	---	9	---	5
Mean	3.1	3.8	3	2.5	2.5	2.3	8.3	16.8	15.7	11.5	8.8	6.4
Max.	4	5	3	3	3	3	15	18	16	14	9	8
Min.	2.5	3	3	2	2	2	3	15	15	9	8	5
A. F.	194	206	184	149	157	137	514	1033	934	706	524	397
Total Acre Feet	5,135.											

# HYDROGRAPHIC REPORT—1928

527

## DISCHARGE IN SECOND FEET, CAMP CLARK SEEP—1922

Sec. 9, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.0	3.0	3.0	2.0	3.0	5.0	8.0	11.0	14.0	11.0	9.0	2.5
2	3.0	3.0	3.0	2.0	3.0	5.0	8.0	11.0	14.0	11.0	9.0	2.5
3	3.0	3.0	3.0	2.0	3.0	5.0	8.0	11.0	14.0	10.0	8.0	2.5
4	3.0	3.0	3.0	2.0	3.0	5.0	8.0	11.0	14.0	10.0	7.0	2.5
5	3.0	3.0	3.0	2.0	3.0	5.0	8.0	11.0	14.0	10.0	6.0	2.5
6	3.0	3.0	3.0	2.0	3.0	5.0	8.0	11.0	14.0	9.5	5.0	2.5
7	3.0	3.0	3.0	2.0	3.0	5.0	8.0	11.0	14.0	9.5	4.0	3.0
8	3.0	3.0	3.0	2.0	3.0	5.5	8.5	11.5	14.0	9.5	3.0	3.0
9	3.0	3.0	3.0	2.0	3.0	5.5	8.5	11.5	14.0	9.0	3.0	3.0
10	3.0	3.0	3.0	2.0	3.0	5.5	8.5	11.5	14.0	9.0	2.0	3.0
11	3.0	3.0	3.0	2.0	3.0	6.0	9.0	12.0	14.0	9.0	2.0	3.0
12	3.0	3.0	3.0	2.0	3.0	6.0	9.0	12.0	14.0	9.0	2.0	3.0
13	3.0	3.0	3.0	2.0	4.0	6.0	9.0	12.0	14.0	9.0	2.0	3.0
14	3.0	3.0	3.0	2.0	4.0	6.0	9.0	12.0	14.0	9.0	2.0	3.0
15	3.0	3.0	3.0	2.0	4.0	6.0	9.0	12.0	13.5	9.0	2.0	3.0
16	3.0	3.0	3.0	2.0	4.0	6.5	9.0	12.0	13.5	9.0	2.0	3.0
17	3.0	3.0	3.0	2.0	4.0	6.5	9.0	12.0	13.0	9.0	2.0	3.0
18	3.0	3.0	3.0	2.0	4.0	6.5	9.5	12.0	13.0	9.0	2.0	3.0
19	3.0	3.0	3.0	2.0	4.0	7.0	9.5	12.0	13.0	9.0	2.0	3.0
20	3.0	3.0	3.0	2.0	4.0	7.0	9.5	12.5	13.0	9.0	2.0	3.0
21	3.0	3.0	3.0	2.0	4.0	7.0	9.5	13.0	12.5	9.0	2.0	3.0
22	3.0	3.0	3.0	2.0	4.0	7.0	9.5	13.0	12.5	9.0	2.0	3.0
23	3.0	3.0	3.0	2.0	4.0	7.0	10.0	13.0	12.0	9.0	2.0	3.0
24	3.0	3.0	3.0	2.0	4.0	7.0	10.0	13.0	12.0	9.0	2.0	3.0
25	3.0	3.0	3.0	3.0	5.0	7.0	10.0	13.0	12.0	9.0	2.0	3.0
26	3.0	3.0	3.0	3.0	5.0	7.0	10.0	13.0	11.5	9.0	2.0	3.0
27	3.0	3.0	3.0	3.0	5.0	7.0	10.0	13.0	11.5	9.0	2.0	3.0
28	3.0	3.0	3.0	3.0	5.0	7.5	10.0	13.0	11.0	9.0	2.0	3.0
29	3.0	-----	3.0	3.0	5.0	7.5	10.0	13.0	11.0	9.0	2.0	3.0
30	3.0	-----	3.0	3.0	5.0	7.5	10.5	13.5	11.0	9.0	2.0	3.0
31	3.0	-----	3.0	-----	5.0	-----	10.5	13.5	-----	9.0	-----	3.0
Mean	3.0	3.0	3.0	2.2	3.8	6.2	9.1	12.0	13.0	9.2	3.2	2.9
Max.	3.0	3.0	3.0	3.0	5.0	7.5	10.5	13.5	14.0	11.0	9.0	3.0
Min.	3.0	3.0	3.0	2.0	3.0	5.0	8.0	11.0	11.0	9.0	2.0	2.5
A. F.	184.0	166.0	184.0	133.0	236.0	370.0	561.0	745.0	777.0	570.0	190.0	178.0
Total Acre Feet	4,294.											

## DISCHARGE IN SECOND FEET, CAMP CLARK SEEP—1923

Sec. 9, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	3.5	1.5	2.0	1.5	1.5	1.5	3.0	3.0	3.5	4.0	5.5
2	2.0	3.5	1.5	2.0	1.5	1.5	1.5	3.0	3.0	3.5	4.0	5.5
3	2.0	3.5	1.5	2.0	1.5	1.5	1.5	3.0	3.0	3.5	4.0	5.5
4	2.5	3.5	1.5	2.0	1.5	1.5	1.5	3.0	3.0	3.5	4.0	5.0
5	2.5	3.5	1.5	2.0	1.5	1.5	1.5	3.0	3.0	3.5	4.0	5.0
6	2.5	3.0	1.5	1.5	1.5	1.5	2.0	3.0	3.5	4.0	4.0	5.0
7	3.0	3.0	1.5	1.5	1.5	1.5	2.0	3.0	3.5	4.0	4.0	4.5
8	3.0	3.0	1.5	1.5	1.5	1.5	2.0	3.0	3.5	4.0	4.0	4.5
9	3.0	3.0	1.5	1.5	1.5	1.5	2.0	3.0	3.5	4.0	4.0	4.5
10	3.0	3.0	1.5	1.5	1.5	1.5	2.0	3.0	3.5	4.0	4.0	4.5
11	3.5	2.5	2.0	1.5	1.5	1.5	2.5	3.5	3.5	4.0	3.5	4.0
12	3.5	2.5	2.0	1.5	1.5	1.5	2.5	3.5	3.5	4.0	3.5	4.0
13	3.5	2.5	2.0	1.5	1.5	1.5	2.5	3.5	3.5	4.0	3.5	4.0
14	3.5	2.5	2.0	1.5	1.5	1.5	2.5	3.5	3.5	4.0	3.5	4.0
15	3.5	2.5	2.0	1.5	1.5	1.5	2.5	3.5	3.5	4.0	3.5	4.0
16	4.0	2.0	2.5	1.5	1.5	1.5	3.0	10.0	3.5	4.0	3.5	3.5
17	4.0	2.0	2.5	1.5	1.5	1.5	3.0	10.5	3.5	4.0	3.0	3.5
18	4.0	2.0	2.5	1.5	1.5	1.5	3.0	10.0	3.5	4.0	3.0	3.5
19	4.0	2.0	2.5	1.5	1.5	1.5	3.0	9.5	3.5	4.0	3.0	3.5
20	4.0	2.0	2.5	1.5	1.5	1.5	3.0	8.0	3.5	4.0	3.0	3.5
21	4.0	1.5	2.5	1.5	1.5	1.5	3.0	6.5	3.5	4.0	3.5	3.0
22	4.0	1.5	2.5	1.5	1.5	1.5	3.0	4.5	3.5	4.0	3.5	3.0
23	4.0	1.5	2.5	1.5	1.5	1.5	3.0	4.0	3.5	4.0	4.0	3.0
24	4.0	1.5	2.5	1.5	1.5	1.5	3.0	4.0	3.5	4.0	4.0	3.0
25	4.0	1.5	2.5	1.5	1.5	1.5	3.0	4.0	3.5	4.0	4.5	3.0
26	3.5	1.5	2.0	1.5	1.5	1.5	3.0	3.5	3.5	4.0	4.5	2.5
27	3.5	1.5	2.0	1.5	1.5	1.5	3.0	3.5	3.5	4.0	5.0	2.5
28	3.5	1.5	2.0	1.5	1.5	1.5	3.0	3.5	3.5	4.0	5.0	2.5
29	3.5	-----	2.0	1.5	1.5	1.5	3.0	3.5	3.5	4.0	5.5	2.5
30	3.5	-----	2.0	1.5	1.5	1.5	3.0	3.5	3.5	4.0	5.5	2.5
31	3.5	-----	2.0	-----	1.5	-----	3.0	3.5	-----	4.0	-----	2.5
Mean	3.2	2.4	2.0	1.6	1.5	1.5	2.5	4.5	3.4	3.9	3.9	3.8
Max.	4.0	3.5	2.5	2.0	1.5	1.5	3.0	10.5	3.5	4.0	5.5	5.5
Min.	2.0	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.5	3.0	2.5
A. F.	199	133	123	94	92	89	155	277	203	241	233	232
Total Acre Feet	2,071.											

**DISCHARGE IN SECOND FEET, CAMP CLARK SEEP—1924**  
 Sec. 9, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D. c.
1	2	2	2	1	1	1	2	2	12	9	5	3
2	2	2	2	1	1	1	2	2	12	9	5	3
3	2	2	2	1	1	1	2	2	12	8	5	3
4	2	2	2	1	1	1	2	2	12	7	5	3
5	2	2	2	1	1	1	2	2	12	7	5	3
6	2	2	2	1	1	1	2	12	12	7	5	3
7	2	2	2	1	1	1	2	12	12	7	5	3
8	2	2	2	1	1	1	2	12	12	7	5	3
9	2	2	2	1	1	1	2	12	12	6	5	3
10	2	2	2	1	1	1	2	12	12	5	5	3
11	2	2	2	1	1	1	2	13	12	6	5	3
12	2	2	2	1	1	1	2	13	12	6	5	3
13	2	2	2	1	1	1	2	13	12	5	5	3
14	2	2	2	1	1	1	2	13	12	5	5	3
15	2	2	2	1	1	1	2	13	12	5	5	3
16	2	2	2	1	1	1	2	13	12	5	5	3
17	2	2	2	1	1	1	2	13	12	5	5	3
18	2	2	2	1	1	1	2	13	12	5	5	3
19	2	2	2	1	1	1	2	13	12	5	5	3
20	2	2	2	1	1	1	2	13	12	5	5	3
21	2	2	2	1	1	1	2	14	12	5	5	3
22	2	2	2	1	1	1	2	14	11	5	5	3
23	2	2	2	1	1	1	2	14	11	5	5	3
24	2	2	2	1	1	1	2	14	10	5	5	3
25	2	2	2	1	1	1	2	14	10	5	5	3
26	2	2	2	1	1	1	2	14	10	5	5	3
27	2	2	2	1	1	1	2	14	10	5	5	3
28	2	2	2	1	1	1	2	14	9	5	5	3
29	2	2	2	1	1	1	2	14	9	5	5	3
30	2	2	2	1	1	1	2	14	9	5	5	3
31	2	2	2	1	1	1	2	14	9	5	5	3
Mean	2	2	2	1	1	1	2	11	11	5	5	3
Max.	2	2	2	1	1	1	2	14	12	9	5	3
Min.	2	2	2	1	1	1	2	2	9	5	5	3
A. F.	123	115	123	60	61	60	123	696	675	356	298	184
Total Acre Feet	2,875.											

**DISCHARGE IN SECOND FEET, CAMP CLARK SEEP—1925**  
 Sec. 9, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D. c.
1	4.7	4.3	2.9	1.7	0.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
2	4.7	4.3	2.9	1.7	.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
3	4.7	4.3	2.9	1.7	.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
4	4.7	4.3	2.9	1.7	.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
5	4.7	4.3	2.9	1.7	.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
6	4.7	4.3	2.9	1.7	.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
7	4.7	4.3	2.9	1.7	.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
8	4.7	4.3	2.9	1.7	.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
9	4.7	4.3	2.9	1.7	.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
10	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
11	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
12	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
13	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
14	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
15	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
16	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
17	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
18	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
19	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
20	4.7	4.3	2.9	1.7	.5	5.1	12.0	11.7	18.0	9.8	8.0	7.1
21	4.7	4.3	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
22	4.7	4.3	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
23	4.7	4.3	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
24	4.7	4.3	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
25	4.7	4.3	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
26	4.7	4.3	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
27	4.7	4.3	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
28	4.7	4.3	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
29	4.7	.....	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
30	4.7	.....	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
31	4.7	.....	2.9	.....	.5	.....	12.0	11.7	.....	9.8	.....	7.1
Mean	4.7	4.3	2.9	1.7	0.5	10.2	12.0	11.7	18.0	9.8	8.0	7.1
Max.	4.7	4.3	2.9	1.7	.5	23.9	12.0	11.7	18.0	9.8	8.0	7.1
Min.	4.7	4.3	2.9	1.7	.5	4.1	12.0	11.7	18.0	9.8	8.0	7.1
A. F.	290	238	176	101	30	607	738	720	1071	603	476	436
Total Acre Feet	5,486.											

**DISCHARGE IN SECOND FEET, CAMP CLARK SEEP—1926**  
 Sec. 9, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D. c.	
1	6	3	2	3	2	2	2	15	12	13	6	6	
2	6	3	2	3	2	2	2	15	12	13	6	6	
3	6	3	2	3	2	2	2	15	12	13	6	6	
4	6	3	2	3	2	2	2	15	12	13	6	6	
5	6	3	2	3	2	2	2	15	12	13	6	6	
6	6	3	2	3	2	2	2	15	12	13	6	6	
7	6	3	2	3	2	2	2	15	12	13	6	6	
8	6	3	2	3	2	2	2	15	12	13	6	6	
9	6	3	2	3	2	2	2	15	12	13	6	6	
10	6	3	2	3	2	2	2	15	12	13	6	6	
11	6	3	2	3	2	2	2	15	12	13	6	6	
12	6	3	2	3	2	2	2	9	15	12	13	6	6
13	6	3	2	3	2	2	2	9	15	12	13	6	6
14	6	3	2	3	2	2	2	9	15	12	13	6	6
15	6	3	2	3	2	2	2	9	15	12	13	6	6
16	6	3	2	3	2	2	2	9	13	12	13	6	6
17	6	3	2	3	2	2	2	9	13	12	13	6	6
18	6	3	2	3	2	2	2	9	13	12	13	6	6
19	6	3	2	3	2	2	2	9	13	12	13	6	6
20	6	3	2	3	2	2	2	9	13	12	13	6	6
21	6	3	2	3	2	2	2	9	13	12	13	6	6
22	6	3	2	3	2	2	2	9	13	12	13	6	6
23	6	3	2	3	2	2	2	9	13	12	13	6	6
24	6	3	2	3	2	2	2	9	13	12	13	6	6
25	6	3	2	3	2	2	2	9	13	12	13	6	6
26	6	3	2	3	2	2	2	9	13	12	13	6	6
27	6	3	2	3	2	2	2	9	13	12	13	6	6
28	6	3	2	3	2	2	2	9	13	12	13	6	6
29	6	—	2	3	2	2	2	9	13	12	13	6	6
30	6	—	2	3	2	2	2	9	13	12	13	6	6
31	6	—	2	—	2	—	—	9	13	—	13	—	6
Mean	6	3	2	3	2	2	2	6	14	12	13	6	6
Max.	6	3	2	3	2	2	2	9	15	12	13	6	6
Min.	6	3	2	3	2	2	2	13	12	13	6	6	
A. F.	369	167	123	178	123	119	395	850	714	799	357	369	
Total Acre Feet	4,372.												

**DISCHARGE IN SECOND FEET, CAMP CLARK SEEP—1927**  
 Sec. 9, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D. c.	
1	5	4	2	3	3	3	5	13	25	9	11	6	
2	5	4	2	3	3	3	5	13	25	9	11	6	
3	5	4	2	3	3	3	5	13	25	9	11	6	
4	5	4	2	3	3	3	5	13	25	9	11	6	
5	5	4	2	3	3	3	5	13	25	9	11	6	
6	5	4	2	3	3	3	5	13	25	9	11	6	
7	5	4	2	3	3	3	5	13	25	9	11	6	
8	5	4	2	3	3	3	5	13	25	9	11	6	
9	5	4	2	3	3	3	5	13	25	9	11	6	
10	5	4	2	3	3	3	5	13	25	9	11	6	
11	5	4	2	3	3	3	5	13	25	9	11	6	
12	5	4	2	3	3	3	5	13	25	9	11	6	
13	5	4	2	3	3	3	5	13	25	9	11	6	
14	5	4	2	3	3	3	5	13	25	9	11	6	
15	5	4	2	3	3	3	5	13	25	9	11	6	
16	5	4	2	3	3	3	5	13	25	9	5	6	
17	5	4	2	3	3	3	5	13	25	9	5	6	
18	5	4	2	3	3	3	5	13	25	9	5	6	
19	5	4	2	3	3	3	5	13	25	9	5	6	
20	5	4	2	3	3	3	5	13	25	9	5	6	
21	4	4	2	3	3	3	5	13	25	9	5	6	
22	4	4	2	3	3	3	5	13	25	9	5	6	
23	4	4	2	3	3	3	5	13	25	9	5	6	
24	4	4	2	3	3	3	5	13	25	9	5	6	
25	4	4	2	3	3	3	5	13	25	9	5	6	
26	4	4	2	3	3	3	5	13	25	9	5	6	
27	4	4	2	3	3	3	5	13	25	9	5	6	
28	4	4	2	3	3	3	5	13	25	9	5	6	
29	4	—	2	3	3	3	5	13	25	9	5	6	
30	4	—	2	3	3	3	5	13	25	9	5	6	
31	4	—	2	—	3	—	—	13	—	9	—	6	
Mean	5	4	2	3	3	3	5	13	25	9	7	6	
Max.	5	4	2	3	3	3	5	13	25	9	11	6	
Min.	4	4	2	3	3	3	5	13	25	9	5	6	
A. F.	285	222	123	178	184	178	307	799	1488	553	426	369	
Total Acre Feet	5,112.												



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, CAMP CLARK SEEP—1928  
Sec. 9, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	3	2	2	3	5	4	11	14	8	6	7
2	4	3	2	2	3	5	4	11	14	8	6	7
3	4	3	2	2	3	5	4	11	14	8	6	7
4	4	3	2	2	3	5	4	11	14	8	6	7
5	4	3	2	2	3	5	4	11	14	8	6	7
6	4	3	2	2	3	5	4	11	14	8	6	7
7	4	3	2	2	3	5	4	11	14	8	6	7
8	4	3	2	2	3	5	4	11	14	8	6	7
9	4	3	2	2	3	5	4	11	14	8	6	7
10	4	3	2	2	3	5	4	11	14	8	6	7
11	4	3	2	2	3	5	4	11	14	8	6	7
12	4	3	2	2	3	5	4	11	14	8	6	7
13	4	3	2	2	3	5	4	11	14	8	6	7
14	4	3	2	2	3	5	4	11	14	8	6	7
15	4	3	2	2	3	5	4	11	14	8	6	7
16	4	3	2	2	1	2	4	11	12	8	4	3
17	4	3	2	2	1	2	4	11	12	8	4	3
18	4	3	2	2	1	2	4	11	12	8	4	3
19	4	3	2	2	1	2	4	11	12	8	4	3
20	4	3	2	2	1	2	4	11	12	8	4	3
21	4	3	2	2	1	2	4	11	12	8	4	3
22	4	3	2	2	1	2	4	11	12	8	4	3
23	4	3	2	2	1	2	4	11	12	8	4	3
24	4	3	2	2	1	2	4	11	12	8	4	3
25	4	3	2	2	1	2	4	11	12	8	4	3
26	4	3	2	2	1	2	4	11	12	8	4	3
27	4	3	2	2	1	2	4	11	12	8	4	3
28	4	3	2	2	1	2	4	11	12	8	4	3
29	4	3	2	2	1	2	4	11	12	8	4	3
30	4	....	2	2	1	2	4	11	12	8	4	3
31	4	---	2	---	1	---	4	11	---	8	---	3
Mean	4	3	2	2	2	3	4	11	13	8	5	5
Max.	4	3	2	2	3	5	4	11	14	8	6	7
Min.	4	3	2	2	1	2	4	11	12	8	4	3
A. F.	246	172	123	119	121	208	246	676	773	492	300	303
Total Acre Feet	3,779.											

DISCHARGE IN SECOND FEET, CEDAR CREEK—1922  
Sec. 11, Twp. 18, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	18	17	16	15	14	6	4	25	16	14	17	8
2	18	17	16	15	14	6	5	24	16	14	17	8
3	18	17	16	15	14	6	5	23	16	14	16	8
4	18	17	16	15	14	6	5	23	16	14	15	8
5	18	17	16	15	14	6	5	23	16	14	15	8
6	18	17	15	18	12	7	8	23	14	18	15	8
7	18	17	15	18	12	7	8	22	14	18	15	8
8	18	17	15	18	12	7	8	22	14	18	15	8
9	18	17	15	18	12	7	8	22	14	18	14	8
10	18	17	15	18	12	7	8	22	14	18	14	8
11	18	17	14	19	11	8	11	21	12	19	13	8
12	18	17	14	19	11	8	11	21	12	20	13	8
13	18	17	14	19	11	8	11	21	12	21	13	8
14	18	17	14	19	11	8	11	21	12	22	13	8
15	18	17	14	19	11	8	11	21	12	23	13	8
16	17	16	13	18	9	7	15	19	11	23	11	8
17	17	16	13	18	9	7	15	19	11	23	11	8
18	17	16	13	18	9	7	15	19	11	22	11	8
19	17	16	13	18	9	7	15	19	11	22	11	8
20	17	16	13	18	9	7	15	19	11	21	11	8
21	17	16	12	17	8	6	19	18	9	21	10	8
22	17	16	12	17	8	6	19	18	9	21	10	8
23	17	16	12	17	8	6	19	18	9	20	10	8
24	17	16	12	17	8	6	19	18	9	20	10	8
25	17	16	12	17	8	6	19	18	9	19	10	8
26	17	16	13	16	6	4	22	17	11	19	8	8
27	17	16	13	16	6	4	22	17	11	19	8	8
28	17	16	13	16	6	4	22	17	11	19	8	8
29	17	---	14	16	6	4	23	17	11	19	8	8
30	17	---	14	16	6	4	23	17	11	18	8	8
31	17	---	14	---	6	---	24	16	---	18	---	8
Mean	17.4	16.5	13.9	17.1	9.8	6.1	13.1	20.0	12.1	19.7	12.1	8
Max.	18	17	16	19	14	8	24	25	16	23	17	8
Min.	17	16	12	15	6	4	4	16	9	14	8	8
A. F.	1075	918	855	1021	607	367	805	1230	723	1212	720	492
Total Acre Feet	10,025.											

HYDROGRAPHIC REPORT—1928

DISCHARGE IN SECOND FEET, CEDAR CREEK—1923

Sec. 11, Twp. 18, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	6	12	13	3	18	6	6	20	12	10	10
2	6	6	12	13	3	18	6	6	22	11	10	10
3	6	6	12	13	3	18	6	6	24	10	10	10
4	6	6	12	13	3	18	6	6	25	10	10	10
5	6	6	12	13	3	18	6	6	27	10	10	10
6	6	7	12	11	3	21	6	6	29	10	10	10
7	6	7	12	11	3	21	6	6	30	10	10	10
8	6	8	12	11	3	22	6	6	32	10	10	10
9	6	8	12	11	3	22	6	6	33	10	10	10
10	6	9	12	11	3	24	6	6	34	10	10	10
11	6	9	12	9	3	25	6	8	33	10	10	10
12	6	10	12	9	3	25	6	8	33	10	10	10
13	6	10	12	9	3	25	6	8	32	10	10	10
14	6	11	12	9	3	24	6	8	32	10	10	10
15	6	11	12	9	3	22	6	8	31	10	10	10
16	6	12	13	7	4	21	6	8	29	10	10	10
17	6	12	13	7	4	19	6	8	28	10	10	10
18	6	12	13	7	4	18	6	8	27	10	10	10
19	6	12	13	7	4	16	6	8	26	10	10	10
20	6	12	13	7	4	15	6	8	25	10	10	10
21	7	12	13	5	8	14	6	10	24	10	10	10
22	7	12	13	5	8	12	6	10	23	10	10	10
23	8	12	13	5	8	12	6	10	22	10	10	10
24	8	12	13	5	8	11	6	10	21	10	10	10
25	9	12	13	5	8	8	6	10	20	10	10	10
26	9	12	15	3	13	7	6	12	18	10	10	10
27	9	12	15	3	13	6	6	13	17	10	10	10
28	8	12	15	3	13	6	6	15	16	10	10	10
29	7	---	15	3	13	6	6	16	15	10	10	10
30	6	---	15	3	13	6	6	18	13	10	10	10
31	6	---	15	---	13	---	6	19	---	10	---	10
Mean	6.5	9.8	12.9	8.0	5.9	16.5	6.0	9.1	25.3	10.1	10	10
Max.	9	12	15	13	13	25	6	19	34	12	10	10
Min.	6	6	12	3	3	6	6	6	13	10	10	10
A. F.	404	547	793	476	363	993	379	556	1504	621	590	615
Total Acre Feet	8,109.											

DISCHARGE IN SECOND FEET, CEDAR CREEK—1924

Sec. 11, Twp. 18, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13	13	16	16	10	9	7	5	5	12	12	12
2	13	13	16	16	10	9	7	5	5	12	12	12
3	13	13	16	16	10	9	7	5	5	12	12	12
4	13	13	16	16	10	9	7	5	5	12	12	12
5	13	13	16	16	10	9	7	5	5	12	12	12
6	13	13	16	16	10	9	6	5	5	12	12	12
7	13	13	16	16	10	9	6	5	5	12	12	12
8	13	13	16	15	10	9	6	5	5	12	12	12
9	13	13	16	14	10	9	6	5	5	12	12	12
10	13	13	16	14	10	9	6	5	5	12	12	12
11	13	14	16	13	10	8	6	5	5	12	12	12
12	13	14	16	12	10	8	6	5	5	12	12	12
13	13	14	16	12	10	8	6	5	5	12	12	12
14	13	14	16	11	10	8	6	5	5	12	12	12
15	13	14	16	11	10	8	6	5	5	12	12	12
16	13	14	16	11	10	8	5	5	5	12	12	12
17	13	14	16	10	10	8	5	5	5	12	12	12
18	13	15	16	10	10	8	5	5	5	12	12	12
19	13	15	16	10	10	8	5	5	5	12	12	12
20	13	15	16	10	10	8	5	5	5	12	12	12
21	13	15	16	10	10	7	5	5	5	12	12	12
22	13	15	16	10	10	7	5	5	5	12	12	12
23	13	15	16	10	10	7	5	5	5	12	12	12
24	13	15	16	10	10	7	5	5	5	12	12	12
25	13	15	16	10	10	7	5	5	5	12	12	12
26	13	15	16	10	10	7	5	5	5	12	12	12
27	13	16	16	10	10	7	5	5	5	12	12	12
28	13	16	16	10	10	7	5	5	5	12	12	12
29	13	16	16	10	10	7	5	5	5	12	12	12
30	13	---	16	10	10	7	5	5	5	12	12	12
31	13	---	16	---	10	---	5	5	---	12	---	12
Mean	13	14	16	12	10	8	6	5	5	12	12	12
Max.	13	16	16	16	10	9	7	5	5	12	12	12
Min.	13	13	16	10	10	7	5	5	5	12	12	12
A. F.	799	815	984	724	615	476	347	307	297	738	714	738
Total Acre Feet	7,554.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, CEDAR CREEK—1925  
Sec. 11, Twp. 18, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
2	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
3	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
4	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
5	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
6	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
7	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
8	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
9	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
10	20	14	9	13	7	20	12.0	25.0	12.0	12.0	18.0	16.0
11	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
12	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
13	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
14	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
15	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
16	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
17	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
18	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
19	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
20	20	14	9	13	7	20	12.0	30.0	12.0	12.0	18.0	16.0
21	20	14	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
22	20	14	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
23	20	14	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
24	20	14	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
25	20	14	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
26	20	14	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
27	20	14	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
28	20	14	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
29	20	----	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
30	20	----	9	13	7	32	6.5	40.0	12.0	12.0	18.0	16.0
31	20	----	9	----	7	----	6.5	40.0	-----	12.0	-----	16.0
Mean	20	14	9	13	7	29	10.0	31.9	12.0	12.0	18.0	16.0
Max.	20	14	9	13	7	32	12.0	40.0	12.0	12.0	18.0	16.0
Min.	20	14	9	13	7	20	6.5	25.0	12.0	12.0	18.0	16.0
A. F.	1230	778	553	773	430	1726	618	1963	714	738	1071	984
Total Acre Feet	11,478.											

DISCHARGE IN SECOND FEET, CEDAR CREEK—1926  
Sec. 11, Twp. 18, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20	22	18	17	16	17	21	19	9	11	7	20
2	20	22	18	17	16	17	21	19	9	11	7	20
3	20	22	18	17	16	17	21	19	9	11	7	20
4	20	22	18	17	16	17	21	19	9	11	7	20
5	20	22	18	17	16	17	21	19	9	11	7	20
6	20	22	18	17	16	17	21	19	9	11	7	20
7	20	22	18	17	16	17	21	19	9	11	7	20
8	20	22	18	17	16	17	21	19	9	11	7	20
9	20	22	18	17	16	17	21	19	9	11	7	20
10	20	22	18	17	16	17	21	19	9	11	7	20
11	20	22	18	17	16	17	21	19	9	11	7	20
12	20	22	18	17	16	17	21	19	9	11	7	20
13	20	22	18	17	16	17	21	19	9	11	7	20
14	20	22	18	17	16	17	21	19	9	11	7	20
15	20	22	18	17	16	17	21	19	9	11	7	20
16	20	22	18	17	16	17	21	19	9	11	7	20
17	20	22	18	17	16	17	21	19	9	11	7	20
18	20	22	18	17	16	17	21	19	9	11	7	20
19	20	22	18	17	16	17	21	19	9	11	7	20
20	20	22	18	17	16	17	21	19	9	11	7	20
21	20	22	18	17	16	6	21	19	9	11	7	20
22	20	22	18	17	16	6	21	19	9	5	7	20
23	20	22	18	17	16	6	21	19	9	5	7	20
24	20	22	18	17	16	6	21	19	9	5	7	20
25	20	22	18	17	16	6	21	19	9	5	7	20
26	20	22	18	17	16	6	21	19	9	5	7	20
27	20	22	18	17	16	6	21	19	9	5	7	20
28	20	22	18	17	16	6	21	19	9	5	7	20
29	20	----	18	17	16	6	21	19	9	5	7	20
30	20	----	18	17	16	6	21	19	9	5	7	20
31	20	----	18	----	16	----	21	19	-----	5	-----	20
Mean	20	22	18	17	16	13	21	19	9	9	7	20
Max.	20	22	18	17	16	17	21	19	9	11	7	20
Min.	20	22	18	17	16	6	21	19	9	5	7	20
A. F.	1229	1222	1107	1011	984	793	1291	1168	535	545	416	1229
Total Acre Feet	11,530.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, CEDAR CREEK—1927

Sec. 11, Twp. 18, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20	26	17	17	18	18	10	26	21	14	15	17
2	20	20	17	17	18	18	10	26	21	14	15	17
3	20	20	17	17	18	18	10	26	21	14	15	17
4	20	20	17	17	18	18	10	26	21	14	15	17
5	20	20	17	17	18	18	10	26	21	14	15	17
6	20	20	17	17	18	18	10	26	21	14	15	17
7	20	20	17	17	18	18	10	26	21	14	15	17
8	20	20	17	17	18	18	10	26	21	14	15	17
9	20	20	17	17	18	18	10	26	21	14	15	17
10	20	20	17	17	18	18	10	26	21	14	15	17
11	20	18	17	17	18	22	12	26	21	15	20	17
12	20	18	17	17	18	22	12	26	21	15	20	17
13	20	18	17	17	18	22	12	26	21	15	20	17
14	20	18	17	17	18	22	12	26	21	15	20	17
15	20	18	17	17	18	22	12	26	21	15	20	17
16	20	18	17	17	18	22	12	26	21	15	20	17
17	20	18	17	17	18	22	12	26	21	15	73	17
18	20	18	17	17	18	22	12	26	21	15	73	17
19	20	18	17	17	18	22	12	26	21	15	73	17
20	20	18	17	17	18	22	12	26	21	15	73	17
21	20	17	17	18	18	8	25	23	21	13	9	17
22	20	17	17	18	18	8	25	23	21	13	9	17
23	20	17	17	18	18	8	25	23	21	13	9	17
24	20	17	17	18	18	8	25	23	21	13	9	17
25	20	17	17	18	18	8	25	23	21	13	9	17
26	20	17	17	18	18	8	25	23	21	13	9	17
27	20	17	17	18	18	8	25	23	21	13	9	17
28	20	17	17	18	18	8	25	23	21	13	9	17
29	20	---	17	18	18	8	25	23	21	13	9	17
30	20	---	17	18	18	8	25	23	21	13	9	17
31	20	---	17	---	18	---	25	23	---	13	---	17
Mean	20	18	17	17	18	16	16	25	21	14	23.5	17
Max.	20	20	17	18	18	22	25	26	21	15	73	17
Min.	20	17	17	17	18	8	10	23	21	13	9	17
A. F.	1230	1023	1045	1031	1107	952	982	1533	1230	859	1398	1045
Total Acre Feet	13,435.											

## DISCHARGE IN SECOND FEET, CEDAR CREEK—1928

Sec. 11, Twp. 18, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17	21	21	6	19	32	27	10	8	19	15	24
2	17	21	21	6	19	32	27	10	8	19	15	24
3	17	21	21	6	19	32	27	10	8	19	15	24
4	17	21	21	6	19	32	27	10	8	19	15	24
5	17	21	21	6	19	32	27	10	8	19	15	24
6	17	21	21	6	19	32	27	10	8	19	15	24
7	17	21	21	6	19	32	27	10	8	19	15	24
8	17	21	21	6	19	32	27	10	8	19	15	24
9	17	21	21	6	19	32	27	10	8	19	15	24
10	17	21	21	6	19	32	27	10	8	19	15	24
11	17	21	21	6	19	32	27	10	8	19	15	24
12	17	21	21	6	19	32	27	10	8	19	15	24
13	17	21	21	6	19	32	27	10	8	19	15	24
14	17	21	21	6	19	32	27	10	8	19	15	24
15	17	21	21	6	19	32	27	10	8	19	15	24
16	21	21	15	6	19	32	27	10	24	19	14	24
17	21	21	15	6	19	32	27	10	24	19	14	24
18	21	21	15	6	19	32	27	10	24	19	14	24
19	21	21	15	6	19	32	27	10	24	19	14	24
20	21	21	15	6	19	32	27	10	24	19	14	24
21	21	21	15	6	19	32	27	10	24	19	14	24
22	21	21	15	6	19	32	27	10	24	19	14	24
23	21	21	15	6	19	32	27	10	24	19	14	24
24	21	21	15	6	19	32	27	10	24	19	14	24
25	21	21	15	6	19	32	27	10	24	19	14	24
26	21	21	15	6	19	32	27	10	24	19	14	24
27	21	21	15	6	19	32	27	10	24	19	14	24
28	21	21	15	6	19	32	27	10	24	19	14	24
29	21	21	15	6	19	32	27	10	24	19	14	24
30	21	---	15	6	19	32	27	10	24	19	14	24
31	21	---	15	---	19	---	27	10	---	19	---	24
Mean	19	21	16	6	19	32	27	10	16	19	14	24
Max.	21	21	21	6	19	32	27	10	24	19	15	24
Min.	17	21	15	6	19	32	27	10	8	19	14	24
A. F.	1172	1208	1013	357	1168	1904	1660	615	952	1168	863	1476
Total Acre Feet	13,556.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, CEDAR BRANCH CREEK—1928  
Sec. 17, Twp. 14, Rge. 35 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	3	2	2	2	2	4	2	2	2	2	4
2	2	3	2	2	2	2	4	2	2	2	2	4
3	2	3	2	2	2	2	4	2	2	2	2	4
4	2	3	2	2	2	2	4	2	2	2	2	4
5	2	3	2	2	2	2	4	2	2	2	2	4
6	2	3	2	2	2	2	4	2	2	2	2	4
7	2	3	2	2	2	2	4	2	2	2	2	4
8	2	3	2	2	2	2	4	2	2	2	2	4
9	2	3	2	2	2	2	4	2	2	2	2	4
10	2	3	2	2	2	2	4	2	2	2	2	4
11	2	3	2	2	2	2	4	2	2	2	2	4
12	2	3	2	2	2	2	4	2	2	2	2	4
13	2	3	2	2	2	2	4	2	2	2	2	4
14	2	3	2	2	2	2	4	2	2	2	2	4
15	2	3	2	2	2	2	4	2	2	2	2	4
16	3	3	2	2	2	2	4	2	2	2	2	4
17	3	3	2	2	2	2	4	2	2	2	2	4
18	3	3	2	2	2	2	4	2	2	2	2	4
19	3	3	2	2	2	2	4	2	2	2	2	4
20	3	3	2	2	2	2	4	2	2	2	2	4
21	3	3	2	2	2	2	4	2	2	2	2	4
22	3	3	2	2	2	2	4	2	2	2	2	4
23	3	3	2	2	2	2	4	2	2	2	2	4
24	3	3	2	2	2	2	4	2	2	2	2	4
25	3	3	2	2	2	2	4	2	2	2	2	4
26	3	3	2	2	2	2	2	2	2	2	2	4
27	3	3	2	2	2	2	2	2	2	2	2	4
28	3	3	2	2	2	2	2	2	2	2	2	4
29	3	3	2	2	2	2	2	2	2	2	2	4
30	3	—	2	2	2	2	2	2	2	2	2	4
31	3	—	2	—	2	—	2	—	—	2	—	4
Mean	3	3	2	—	2	—	3	2	—	2	—	4
Max.	3	3	2	2	2	2	4	2	2	2	2	4
Min.	2	3	2	2	2	2	2	2	2	2	2	4
A. F.	155	173	123	119	123	119	222	123	119	123	119	246
Total Acre Feet	1,764.											

DISCHARGE IN SECOND FEET, CHADRON CREEK ABOVE CITY RESERVOIR—  
1922  
Sec. 19, Twp. 32, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.8	5.2	4.6	3.4	3.0	3.0	2.5	2.8	2.6	2.1	2.0	2.1
2	4.8	5.2	4.6	3.4	3.0	3.0	2.5	2.8	2.6	2.1	2.0	2.1
3	4.8	5.3	4.5	3.4	3.0	3.0	2.5	2.8	2.6	2.1	2.0	2.1
4	4.8	5.3	4.5	3.4	3.0	3.0	2.5	2.8	2.5	2.1	2.0	2.1
5	4.8	5.3	4.5	3.4	3.0	3.0	2.5	2.8	2.5	2.1	2.0	2.1
6	4.8	5.3	4.4	3.4	3.0	2.9	2.6	2.8	2.5	2.0	2.0	2.2
7	4.8	5.4	4.4	3.4	3.0	2.9	2.6	2.8	2.4	2.0	2.0	2.2
8	4.8	5.4	4.3	3.4	3.0	2.9	2.6	2.8	2.4	2.0	2.0	2.2
9	4.8	5.4	4.3	3.4	3.0	2.9	2.6	2.8	2.3	2.0	2.0	2.3
10	4.8	5.4	4.3	3.4	3.0	2.9	2.6	2.8	2.3	2.0	2.0	2.3
11	4.8	5.4	4.2	3.3	3.0	2.8	2.6	2.9	2.3	2.0	2.0	2.3
12	4.8	5.3	4.2	3.3	3.0	2.8	2.6	2.9	2.2	2.0	2.0	2.3
13	4.8	5.3	4.1	3.3	3.0	2.8	2.6	2.9	2.2	2.0	2.0	2.4
14	4.8	5.3	4.1	3.3	3.0	2.8	2.6	2.9	2.2	2.0	2.0	2.4
15	4.8	5.3	4.0	3.3	3.0	2.8	2.6	2.9	2.1	2.0	2.0	2.4
16	4.8	5.2	4.0	3.2	3.0	2.7	2.7	2.9	2.1	2.0	2.0	2.4
17	4.8	5.2	3.9	3.2	3.0	2.7	2.7	2.9	2.1	2.0	2.1	2.5
18	4.8	5.2	3.9	3.2	3.0	2.7	2.7	2.9	2.1	2.0	2.1	2.5
19	4.8	5.1	3.8	3.2	3.0	2.7	2.7	2.9	2.1	2.0	2.1	2.6
20	4.8	5.1	3.8	3.2	3.0	2.7	2.7	2.9	2.1	2.0	2.1	2.6
21	4.9	5.0	3.8	3.1	3.0	2.6	2.7	3.0	2.1	2.0	2.1	2.6
22	4.9	5.0	3.7	3.1	3.0	2.6	2.7	3.0	2.1	2.0	2.1	2.7
23	4.9	4.9	3.7	3.1	3.0	2.6	2.7	3.0	2.1	2.0	2.1	2.7
24	5.0	4.9	3.6	3.1	3.0	2.6	2.7	3.0	2.1	2.0	2.1	2.8
25	5.0	4.8	3.6	3.1	3.0	2.6	2.7	3.0	2.1	2.0	2.1	2.8
26	5.0	4.8	3.5	3.0	3.0	2.5	2.8	2.9	2.1	2.0	2.1	2.8
27	5.0	4.7	3.5	3.0	3.0	2.5	2.8	2.8	2.1	2.0	2.1	2.9
28	5.1	4.6	3.5	3.0	3.0	2.5	2.8	2.8	2.1	2.0	2.1	2.9
29	5.1	—	3.5	3.0	3.0	2.5	2.8	2.7	2.1	2.0	2.1	3.0
30	5.1	—	3.5	3.0	3.0	2.5	2.8	2.7	2.1	2.0	2.1	3.0
31	5.2	—	3.5	—	3.0	—	2.8	2.6	—	2.0	—	3.0
Mean	4.9	5.2	3.9	3.2	3.0	2.7	2.7	2.8	2.3	2.0	2.1	2.6
Max.	5.2	5.4	4.6	3.4	3.0	3.0	2.8	3.0	2.6	2.1	2.1	3.0
Min.	4.8	4.6	3.5	3.0	3.0	2.5	2.5	2.6	2.1	2.0	2.0	2.1
A. F.	290.9	287.9	245.2	192.3	184.4	163.6	163.2	175.5	133.2	123.9	125.9	163.2
Total Acre Feet	2,262.											

DISCHARGE IN SECOND FEET, CHADRON CREEK ABOVE CITY RESERVOIR—

Date	1923											
	Sec. 19, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.0	3.0	2.0	2.5	3.0
2	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.5	3.0	2.0	2.5	3.0
3	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.5	3.0	2.0	2.5	3.0
4	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.5	3.0	2.0	2.5	3.0
5	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.5	3.0	2.0	2.5	3.0
6	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.0	3.0	2.0	3.0	3.0
7	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.0	3.0	2.0	3.0	3.0
8	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.0	3.0	2.0	3.0	3.0
9	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.0	3.0	2.0	3.0	3.0
10	4.0	3.5	2.0	2.0	2.5	3.0	2.5	5.0	3.0	2.0	3.0	3.0
11	4.0	3.0	2.0	2.0	3.0	3.0	2.5	4.0	2.5	1.7	3.0	3.0
12	4.0	3.0	2.0	2.0	3.0	3.0	2.5	4.0	2.5	1.7	3.0	3.0
13	4.0	3.0	2.0	2.0	3.0	3.0	2.5	4.0	2.5	1.7	3.0	3.0
14	4.0	3.0	2.0	2.0	3.0	3.0	2.5	4.0	2.5	1.7	3.0	3.0
15	4.0	3.0	2.0	2.0	3.0	3.0	2.5	4.0	2.5	1.7	3.0	3.0
16	4.0	3.0	2.0	2.0	3.0	3.0	2.5	3.5	2.5	1.7	3.0	3.0
17	4.0	3.0	2.0	2.0	3.0	3.0	2.5	3.5	2.5	1.7	3.0	3.0
18	4.0	3.0	2.0	2.0	3.0	3.0	2.5	3.5	2.5	1.7	3.0	3.0
19	4.0	3.0	2.0	2.0	3.0	3.0	2.5	3.5	2.5	1.7	3.0	3.0
20	4.0	3.0	2.0	2.0	3.0	3.0	2.5	3.5	2.5	1.7	3.0	3.0
21	4.0	2.5	2.0	2.5	3.0	3.0	2.5	3.0	2.0	1.5	3.0	3.0
22	4.0	2.5	2.0	2.5	3.0	3.0	3.0	3.0	2.0	1.5	3.0	3.0
23	4.0	2.5	2.0	2.5	3.0	3.0	3.0	3.0	2.0	1.5	3.0	3.0
24	4.0	2.5	2.0	2.5	3.0	3.0	3.5	3.0	2.0	1.5	3.0	3.0
25	4.0	2.5	2.0	2.5	3.0	3.0	3.5	3.0	2.0	1.5	3.0	3.0
26	4.0	2.5	2.0	2.5	3.0	3.0	3.5	3.0	2.0	2.0	3.0	3.0
27	4.0	2.5	2.0	2.5	3.0	3.0	4.0	3.0	2.0	2.0	3.0	3.0
28	4.0	2.5	2.0	2.5	3.0	3.0	4.0	3.0	2.0	2.0	3.0	3.0
29	4.0	-----	2.0	2.5	3.0	3.0	4.0	3.0	2.0	2.0	3.0	3.0
30	4.0	-----	2.0	2.5	3.0	3.0	4.0	3.0	2.0	2.0	3.0	3.0
31	4.0	-----	2.0	-----	3.0	-----	4.5	3.0	-----	2.0	-----	3.0
Mean	4.0	3.0	2.0	2.1	2.8	3.0	2.9	4.0	2.5	1.8	2.7	3.0
Max.	4.0	3.5	2.0	2.5	3.0	3.0	4.5	5.5	3.0	2.0	3.0	3.0
Min.	4.0	2.5	2.0	2.0	2.5	3.0	2.5	3.0	2.0	1.5	2.5	3.0
A. F.	246	169	123	129	175	179	179	244	149	113	165	184
Total Acre Feet	2,055.											

DISCHARGE IN SECOND FEET, CHADRON CREEK ABOVE CITY RESERVOIR—

Date	1924											
	Sec. 19, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
2	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
3	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
4	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
5	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
6	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
7	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
8	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
9	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
10	1.6	3.5	4.0	2.3	4.8	4.0	3.6	2.1	1.6	2.2	2.8	3.8
11	1.6	3.6	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.2	2.8	3.8
12	1.6	3.6	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.2	2.8	3.8
13	1.6	3.6	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.2	2.8	3.8
14	1.6	3.6	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.2	2.8	3.8
15	1.6	3.6	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.2	2.8	3.8
16	1.6	5.7	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.8	3.8	3.8
17	1.6	5.7	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.8	3.8	3.8
18	1.6	5.7	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.8	3.8	3.8
19	1.6	5.7	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.8	3.8	3.8
20	1.6	5.7	2.3	2.3	4.8	4.0	3.6	1.5	1.6	2.8	3.8	3.8
21	1.6	5.7	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
22	1.6	5.7	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
23	1.6	5.7	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
24	1.6	5.7	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
25	1.6	5.7	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
26	1.6	5.7	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
27	1.6	5.7	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
28	1.6	5.7	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
29	1.6	5.7	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
30	1.6	-----	2.3	2.3	4.8	4.0	1.2	1.3	2.2	2.8	3.8	3.8
31	1.6	-----	2.3	-----	4.8	-----	1.2	1.3	-----	2.8	-----	3.8
Mean	1.6	4.5	2.8	2.3	4.8	4.0	2.8	1.6	1.8	2.5	3.3	3.8
Max.	1.6	5.7	4.0	2.3	4.8	4.0	3.6	2.1	2.2	2.8	3.8	3.8
Min.	1.6	3.5	2.3	2.3	4.8	4.0	1.2	1.3	1.6	2.2	2.3	3.8
A. F.	98	263	175	137	295	238	169	100	107	154	196	233
Total Acre Feet	2,165.											

DISCHARGE IN SECOND FEET, CHADRON CREEK ABOVE CITY RESERVOIR--  
1925

Date	Sec. 19, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1
2	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1
3	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1
4	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1
5	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1
6	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1
7	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1
8	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	1.9	1.9	2.1	3.1
9	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	1.9	1.9	2.1	3.1
10	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	1.9	1.9	2.1	3.1
11	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	1.9	1.9	2.1	3.1
12	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	1.9	1.9	2.1	3.1
13	4.4	4.4	4.4	3.5	3.2	3.3	3.0	3.2	1.9	1.9	2.1	3.1
14	4.4	4.4	4.4	3.5	3.2	3.3	3.0	2.4	1.9	1.9	2.1	3.1
15	4.4	4.4	4.4	3.5	3.2	3.3	3.0	2.4	1.9	1.9	2.1	3.1
16	4.4	4.4	4.4	3.2	3.3	3.3	3.2	2.4	1.9	1.9	2.1	3.1
17	4.4	4.4	4.4	3.2	3.3	3.3	3.2	2.4	1.9	1.9	2.1	3.1
18	4.4	4.4	4.4	3.2	3.3	3.3	3.2	2.4	1.9	1.9	2.1	3.1
19	4.4	4.4	4.4	3.2	3.3	3.3	3.2	2.4	1.9	1.9	2.1	3.1
20	4.4	4.4	4.4	3.2	3.3	3.3	3.2	2.4	1.9	1.9	2.1	3.1
21	4.4	4.4	4.4	3.2	3.3	3.3	3.2	2.4	1.9	1.9	2.1	3.1
22	4.4	4.4	4.4	3.2	3.3	3.0	3.2	2.4	1.9	1.9	2.1	3.1
23	4.4	4.4	4.4	3.2	3.3	3.0	3.2	2.4	1.9	1.9	2.1	3.1
24	4.4	4.4	4.4	3.2	3.3	3.0	3.2	2.4	1.9	1.9	3.1	3.1
25	4.4	4.4	4.4	3.2	3.3	3.0	3.2	2.4	1.9	1.9	3.1	3.1
26	4.4	4.4	4.4	3.2	3.3	3.0	3.2	2.4	1.9	1.9	3.1	3.1
27	4.4	4.4	4.4	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1	3.1
28	4.4	4.4	4.4	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1	3.1
29	4.4	-----	4.4	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1	3.1
30	4.4	-----	4.4	3.2	3.3	3.0	3.2	2.4	1.9	2.1	3.1	3.1
31	4.4	-----	4.4	-----	3.3	-----	3.2	2.4	-----	2.1	-----	3.1
Mean	4.4	4.4	4.4	3.3	3.3	3.2	3.2	2.8	2.0	2.0	2.3	3.1
Max.	4.4	4.4	4.4	3.5	3.3	3.3	3.2	3.2	2.4	2.1	3.1	3.1
Min.	4.4	4.4	4.4	3.2	3.2	3.0	3.0	2.4	1.9	1.9	2.1	3.1
A. F.	270	244	262	198	200	190	190	167	121	120	149	190
Total Acre Feet	2,310.											

DISCHARGE IN SECOND FEET, CHADRON CREEK ABOVE CITY RESERVOIR--  
1926

Date	Sec. 19, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
2	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
3	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
4	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
5	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
6	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
7	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
8	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
9	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
10	4.0	4.0	2.8	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
11	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
12	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
13	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
14	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
15	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
16	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
17	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
18	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
19	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
20	4.0	3.0	4.4	5.0	5.4	3.0	3.0	3.6	2.9	3.4	3.5	3.5
21	4.0	3.0	4.4	5.0	3.8	3.0	3.0	3.6	2.9	3.4	3.5	3.5
22	4.0	3.0	4.4	5.0	3.8	3.0	3.0	3.6	2.9	3.4	3.5	3.5
23	4.0	3.0	4.4	5.0	3.8	3.0	3.0	3.6	2.9	3.4	3.5	3.5
24	4.0	3.0	4.4	5.0	3.8	3.0	3.0	3.6	2.9	3.4	3.5	3.5
25	4.0	3.0	4.4	5.0	3.8	3.0	3.0	3.6	2.9	3.4	3.5	3.5
26	4.0	3.0	4.4	5.0	3.8	3.0	3.0	3.6	2.9	3.4	3.5	3.5
27	4.0	3.0	4.4	5.0	3.8	3.0	3.0	3.6	2.9	3.4	3.5	3.5
28	4.0	3.0	4.4	5.0	3.8	3.0	3.0	3.6	2.9	3.4	3.5	3.5
29	4.0	-----	4.4	5.0	3.8	3.0	3.0	3.6	2.0	3.4	3.5	3.5
30	4.0	-----	4.4	5.0	3.8	3.0	3.0	3.6	2.0	3.4	3.5	3.5
31	4.0	-----	4.4	-----	3.8	-----	3.0	3.6	-----	3.4	-----	3.5
Mean	4.0	3.3	3.8	5.0	4.8	3.0	4.0	3.6	2.9	3.4	3.5	3.5
Max.	4.0	4.0	4.4	5.0	5.4	3.0	6.3	3.6	2.9	3.4	3.5	3.5
Min.	4.0	3.0	2.8	5.0	3.8	3.0	3.0	3.6	2.9	3.4	3.5	3.5
A. F.	245	186	238	297	297	178	249	221	172	209	208	215
Total Acre Feet	2,715.											

DISCHARGE IN SECOND FEET, CHADRON CREEK ABOVE CITY RESERVOIR—  
1927

Date	Sec. 19, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
2	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
3	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
4	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
5	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
6	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
7	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
8	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
9	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
10	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
11	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
12	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
13	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
14	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
15	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
16	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
17	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
18	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
19	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
20	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
21	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
22	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
23	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
24	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
25	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
26	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
27	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
28	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
29	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
30	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
31	2	2	2.9	5.7	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
Mean	2	2	2.9	3.9	5.7	3.4	4.1	3.5	3.3	4	5.1	5.4
Max.	2	2	2.9	5.9	5.7	3.4	4.1	3.5	3.8	4	6.4	5.4
Min.	2	2	2.9	3.0	5.7	3.4	4.1	3.5	3.1	4	4.6	5.4
A. F.	123	111	178	236	351	177	226	191	199	245	309	331
Total Acre Feet	2,677.											

DISCHARGE IN SECOND FEET, CHADRON CREEK ABOVE CITY RESERVOIR—  
1928

Date	Sec. 19, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	5	4	4	4	1	3	3	3	3	3	4
2	9	5	4	4	4	1	3	3	3	3	3	4
3	9	5	4	4	4	1	3	3	3	3	3	4
4	9	5	4	4	4	1	3	3	3	3	3	4
5	9	5	4	4	4	1	3	3	3	3	3	4
6	9	5	4	4	4	1	3	3	3	3	3	4
7	9	5	4	4	4	1	3	3	3	3	3	4
8	9	5	4	4	4	1	3	3	3	3	3	4
9	9	5	4	4	4	1	3	3	3	3	3	4
10	9	5	4	4	4	1	3	3	3	3	3	4
11	9	5	4	4	4	1	3	3	3	3	3	4
12	9	5	4	4	4	1	3	3	3	3	3	4
13	9	5	4	4	4	1	3	3	3	3	3	4
14	9	5	4	4	4	1	3	3	3	3	3	4
15	9	5	4	4	4	1	3	3	3	3	3	4
16	9	4	4	4	4	1	3	3	3	3	3	4
17	9	4	4	4	4	1	3	3	3	3	3	4
18	9	4	4	4	4	1	3	3	3	3	3	4
19	9	4	4	4	4	1	3	3	3	3	3	4
20	9	4	4	4	4	1	3	3	3	3	3	4
21	9	4	4	4	4	1	3	3	3	3	3	4
22	9	4	4	4	4	1	3	3	3	3	3	4
23	9	4	4	4	4	1	3	3	3	3	3	4
24	9	4	4	4	4	1	3	3	3	3	3	4
25	9	4	4	4	4	1	3	3	3	3	3	4
26	9	4	4	4	4	1	3	3	3	3	3	4
27	9	4	4	4	4	1	3	3	3	3	3	4
28	9	4	4	4	4	1	3	3	3	3	3	4
29	9	4	4	4	4	1	3	3	3	3	3	4
30	9	4	4	4	4	1	3	3	3	3	3	4
31	9	4	4	4	4	1	3	3	3	3	3	4
Mean	9	4	4	4	4	1	3	3	3	3	3	4
Max.	9	5	4	4	4	1	3	3	3	3	3	4
Min.	9	4	4	4	4	1	3	3	3	3	3	4
A. F.	553	232	246	238	246	59	184	184	178	184	178	246
Total Acre Feet	2,728.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, CHADRON CREEK BELOW CITY RESERVOIR—  
1922

Date	Sec. 18, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	* Apr.	* May	* June	* July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.3	3.6	3.6	2.5	2.6	2.8	2.9	3.0	1.1	0.4	0.6	0.8
2	2.3	3.7	3.6	2.5	2.6	2.8	2.9	3.0	1.1	.4	.6	.8
3	2.3	3.8	3.5	2.5	2.6	2.8	2.9	3.0	1.0	.4	.6	.8
4	2.3	3.9	3.5	2.5	2.6	2.8	2.9	3.0	1.0	.4	.6	.8
5	2.3	3.9	3.4	2.5	2.6	2.8	2.9	2.9	.9	.4	.6	.8
6	2.3	4.0	3.4	2.5	2.6	2.8	2.9	2.8	.8	.4	.6	.9
7	2.3	4.1	3.3	2.5	2.6	2.8	2.9	2.7	.8	.4	.6	.9
8	2.3	4.2	3.3	2.5	2.6	2.8	2.9	2.7	.7	.4	.6	.9
9	2.3	4.3	3.3	2.5	2.6	2.8	2.9	2.6	.7	.4	.6	.9
10	2.3	4.3	3.2	2.5	2.6	2.8	2.9	2.6	.6	.4	.6	.9
11	2.3	4.4	3.2	2.6	2.7	2.8	2.9	2.5	.5	.5	.7	1.0
12	2.3	4.4	3.1	2.6	2.7	2.8	2.9	2.4	.5	.5	.7	1.0
13	2.3	4.3	3.1	2.6	2.7	2.8	2.9	2.3	.4	.5	.7	1.0
14	2.3	4.2	3.1	2.6	2.7	2.8	2.9	2.3	.4	.5	.7	1.0
15	2.3	4.2	3.0	2.6	2.7	2.8	2.9	2.2	.3	.5	.7	1.0
16	2.3	4.2	3.0	2.6	2.7	2.8	3.0	2.2	.3	.5	.7	1.1
17	2.4	4.1	2.9	2.6	2.7	2.8	3.0	2.1	.3	.5	.7	1.1
18	2.4	4.1	2.9	2.6	2.7	2.8	3.0	2.1	.3	.5	.7	1.1
19	2.5	4.0	2.9	2.6	2.7	2.8	3.0	2.0	.3	.5	.7	1.1
20	2.6	4.0	2.8	2.6	2.7	2.8	3.0	1.9	.3	.5	.7	1.1
21	2.7	4.0	2.8	2.6	2.7	2.9	3.0	1.8	.3	.6	.8	1.2
22	2.8	3.9	2.7	2.6	2.7	2.9	3.0	1.7	.3	.6	.8	1.2
23	2.9	3.9	2.7	2.6	2.7	2.9	3.0	1.7	.4	.6	.8	1.2
24	3.0	3.8	2.7	2.6	2.7	2.9	3.0	1.6	.4	.6	.8	1.2
25	3.1	3.8	2.6	2.6	2.7	2.9	3.0	1.6	.4	.6	.8	1.2
26	3.2	3.8	2.6	2.6	2.8	2.9	3.0	1.5	.4	.6	.8	1.3
27	3.2	3.7	2.5	2.6	2.8	2.9	3.0	1.4	.4	.6	.8	1.3
28	3.3	3.6	2.5	2.6	2.8	2.9	3.0	1.4	.4	.6	.8	1.3
29	3.4	-----	2.5	2.6	2.8	2.9	3.0	1.3	.4	.6	.8	1.3
30	3.5	-----	2.5	2.6	2.8	2.9	3.0	1.3	.4	.6	.8	1.3
31	3.5	-----	2.5	-----	2.8	-----	3.0	1.2	-----	.6	-----	1.3
Mean	2.6	4.0	3.1	2.5	2.7	2.8	2.9	2.2	0.5	0.5	0.7	1.1
Max.	3.5	4.4	3.6	2.6	2.8	2.9	3.0	3.0	1.1	.6	.8	1.3
Min.	2.3	3.6	2.5	2.5	2.6	2.8	2.9	1.2	.3	.4	.6	.8
A. F.	161.2	222.5	189.8	152.7	165.2	168.6	181.4	132.4	31.9	30.9	43.2	65.0
Total Acre Feet	1,548.8.											

\*Estimated.

DISCHARGE IN SECOND FEET, CHADRON CREEK BELOW CITY RESERVOIR—  
1923

Date	Sec. 18, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.7	1.7	1.2	1.3	1.8	1.7	2.0	2.3	0.2	0.6	0.3	0.7
2	1.7	1.7	1.2	1.3	1.8	1.7	2.0	2.3	.2	.6	.3	.7
3	1.7	1.7	1.2	1.3	1.8	1.7	2.0	5.0	.2	.6	.3	.7
4	1.7	1.7	1.2	1.3	1.8	1.7	2.0	8.2	.2	.6	.3	.7
5	1.7	1.7	1.2	1.3	1.8	1.7	2.0	7.7	.2	.6	.3	.7
6	1.7	1.7	1.2	1.3	1.6	1.7	2.7	7.5	.2	.6	.3	.7
7	1.7	1.7	1.2	1.3	1.6	1.7	2.7	7.2	.2	.6	.3	.7
8	1.7	1.7	1.2	1.3	1.6	1.7	2.7	7.0	.2	.6	.3	.7
9	1.7	1.7	1.2	1.3	1.6	1.7	2.7	6.6	.2	.6	.3	.7
10	1.7	1.7	1.2	1.3	1.6	1.7	2.7	6.3	.2	.6	.3	.7
11	1.7	1.5	1.0	1.5	1.5	2.0	2.5	6.0	.1	.4	.6	.7
12	1.7	1.5	1.0	1.5	1.5	2.0	2.5	5.7	.1	.4	.6	.7
13	1.7	1.5	1.0	1.5	1.5	2.0	2.5	5.4	.1	.4	.6	.7
14	1.7	1.5	1.0	1.5	1.5	2.0	2.5	5.0	.1	.4	.6	.7
15	1.7	1.5	1.0	1.5	1.5	2.0	2.5	4.7	.1	.4	.6	.7
16	1.7	1.5	1.0	1.5	1.5	2.0	2.3	4.5	.1	.4	.6	.7
17	1.7	1.5	1.0	1.5	1.5	2.0	2.3	4.0	.1	.4	.6	.7
18	1.7	1.5	1.0	1.5	1.5	2.0	2.3	3.7	.1	.4	.6	.7
19	1.7	1.5	1.0	1.5	1.5	2.0	2.3	3.5	.1	.4	.6	.7
20	1.7	1.5	1.0	1.5	1.5	2.0	2.3	3.2	.1	.4	.6	.7
21	1.7	1.3	1.3	1.7	1.5	2.3	2.2	2.9	.4	.1	.7	.7
22	1.7	1.3	1.3	1.7	1.5	2.3	2.2	2.6	.4	.1	.7	.7
23	1.7	1.3	1.3	1.7	1.5	2.3	2.2	2.3	.4	.1	.7	.7
24	1.7	1.3	1.3	1.7	1.5	2.3	2.2	2.0	.4	.1	.7	.7
25	1.7	1.3	1.3	1.7	1.5	2.3	2.2	1.6	.4	.1	.7	.7
26	1.7	1.3	1.3	1.7	1.5	2.3	2.2	1.4	.4	.1	.7	.7
27	1.7	1.3	1.3	1.7	1.5	2.3	2.2	1.0	.4	.1	.7	.7
28	1.7	1.3	1.3	1.7	1.5	2.3	2.2	.7	.4	.1	.7	.7
29	1.7	-----	1.3	1.7	1.5	2.3	2.2	.6	.4	.1	.7	.7
30	1.7	-----	1.3	1.7	1.5	2.3	2.2	.5	.4	.1	.7	.7
31	1.7	-----	1.3	-----	1.5	-----	2.3	.3	-----	.1	-----	.7
Mean	1.7	1.0	1.1	1.5	1.5	2.0	2.3	3.9	0.2	0.3	0.5	0.7
Max.	1.7	1.7	1.3	1.7	1.8	2.3	2.7	8.2	.4	.6	.7	.7
Min.	1.7	1.3	1.0	1.3	1.5	1.7	2.0	.3	.1	.1	.3	.7
A. F.	105	83	71	89	97	119	142	241	138	21	31	43
Total Acre Feet	1,180.											

DISCHARGE IN SECOND FEET, CHADRON CREEK BELOW CITY RESERVOIR--

Date	1924											
	Sec. 18, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.6	0.9	1.5	3.4	2.0	1.5	0.9	1.3	0.4	0.4	0.8	1.4
2	.6	.9	1.5	3.4	2.0	1.5	.9	1.3	.4	.4	.8	1.4
3	.6	.9	1.5	3.4	2.0	1.5	.9	1.3	.4	.4	.8	1.4
4	.6	.9	1.5	3.4	2.0	1.5	.9	1.3	.4	.4	.8	1.4
5	.6	.9	1.5	3.4	2.0	1.5	.9	1.3	.1	.4	.8	1.4
6	.6	.9	1.5	3.4	2.0	1.5	.9	1.3	.4	.4	.8	1.4
7	.6	.9	1.5	3.4	2.0	1.5	.9	1.3	.4	.4	.8	1.4
8	.6	.9	1.5	3.4	2.0	1.5	.9	1.3	.4	.4	.8	1.4
9	.6	.9	1.5	3.4	2.0	1.5	.9	1.3	.4	.4	.8	1.4
10	.6	.9	1.5	3.4	2.0	1.5	.9	1.3	.4	.4	.8	1.4
11	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	.8	1.4
12	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	.8	1.4
13	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	.8	1.4
14	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	.8	1.4
15	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	.8	1.4
16	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	1.4	1.4
17	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	1.4	1.4
18	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	1.4	1.4
19	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	1.4	1.4
20	.6	.9	2.0	3.4	2.0	1.5	.9	.2	.4	.4	1.4	1.4
21	.6	.9	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
22	.6	.9	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
23	.6	.9	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
24	.6	.9	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
25	.6	.9	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
26	.6	.9	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
27	.6	.9	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
28	.6	.9	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
29	.6	.9	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
30	.6	---	2.0	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
31	.6	---	2.0	---	2.0	---	.7	.4	---	.8	---	1.4
Mean	0.6	0.9	1.8	3.4	2.0	1.5	0.8	0.8	0.4	0.5	1.1	1.4
Max.	.6	.9	2.0	3.4	2.0	1.5	.9	1.3	.4	.8	1.4	1.4
Min.	.6	.9	1.5	3.4	2.0	1.5	.7	.4	.4	.8	1.4	1.4
A. F.	36.9	51.7	113.0	202.3	122.9	89.2	50.9	36.4	24.5	33.3	65.4	86.0
Total Acre Feet	913.											

DISCHARGE IN SECOND FEET, CHADRON CREEK BELOW CITY RESERVOIR--

Date	1925											
	Sec. 18, Twp. 32, Rge. 48 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.1	1.1	3.4	1.4	1.6	1.5	0.7	0.5	0.5	0.4	0.6	1.3
2	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.5	.4	.6	1.3
3	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.5	.4	.6	1.3
4	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.5	.4	.6	1.3
5	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.5	.4	.6	1.3
6	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.5	.4	.6	1.3
7	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.5	.4	.6	1.3
8	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.4	.4	.6	1.3
9	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.4	.4	.6	1.3
10	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.4	.4	.6	1.3
11	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.4	.4	.6	1.3
12	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.4	.4	.6	1.3
13	1.1	1.1	3.4	1.4	1.6	1.5	.7	.7	.4	.4	.6	1.3
14	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.4	.4	.6	1.3
15	1.1	1.1	3.4	1.4	1.6	1.5	.7	.5	.4	.4	.6	1.3
16	1.1	3.4	1.4	1.4	1.6	1.0	.5	.5	.4	.5	1.3	1.3
17	1.1	3.4	1.4	1.4	1.6	1.0	.5	.5	.4	.5	1.3	1.3
18	1.1	3.4	1.4	1.4	1.6	1.0	.5	.5	.4	.5	1.3	1.3
19	1.1	3.4	1.4	1.4	1.6	1.0	.5	.5	.4	.5	1.3	1.3
20	1.1	3.4	1.4	1.4	1.6	1.0	.5	.5	.4	.5	1.3	1.3
21	1.1	3.4	1.4	1.6	1.6	1.0	.5	.5	.4	.5	1.3	1.3
22	1.1	3.4	1.4	1.6	1.6	1.6	.7	.5	.5	.4	.5	1.3
23	1.1	3.4	1.4	1.6	1.6	1.6	.7	.5	.5	.4	.5	1.3
24	1.1	3.4	1.4	1.6	1.6	1.6	.7	.5	.5	.4	.5	1.3
25	1.1	3.4	1.4	1.6	1.6	1.6	.7	.5	.5	.4	.5	1.3
26	1.1	3.4	1.4	1.6	1.6	1.6	.7	.5	.5	.4	.5	1.3
27	1.1	3.4	1.4	1.6	1.6	1.6	.7	.5	.5	.4	.6	1.3
28	1.1	3.4	1.4	1.6	1.6	1.6	.7	.5	.5	.4	.6	1.3
29	1.1	---	1.4	1.6	1.6	1.6	.7	.5	.5	.4	.6	1.3
30	1.1	---	1.4	1.6	1.6	1.6	.7	.5	.5	.4	.6	1.3
31	1.1	---	1.4	---	1.6	---	.5	.5	.5	---	.6	1.3
Mean	1.1	2.2	2.4	1.5	1.6	1.1	0.6	0.5	0.4	0.5	0.9	1.3
Max.	1.1	3.4	3.4	1.6	1.6	1.5	.7	.7	.5	.6	1.3	1.3
Min.	1.1	1.1	1.4	1.4	1.6	.7	.5	.5	.4	.6	.6	1.3
A. F.	67	121	145	89	97	69	36	32	26	30	56	79
Total Acre Feet	847.											

DISCHARGE IN SECOND FEET, CHADRON CREEK BELOW CITY RESERVOIR—  
1926

Sec. 18, Twp. 32, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.0	1.0	0.9	2.8	1.0	1.0	0.8	0.7	0.4	0.4	1.0	1.0
2	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
3	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
4	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
5	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
6	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
7	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
8	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
9	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
10	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
11	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
12	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
13	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
14	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
15	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
16	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
17	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
18	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
19	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
20	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	.4	1.0	1.0
21	1.0	1.0	.9	2.8	.7	1.0	.8	.7	.4	.4	1.0	1.0
22	1.0	1.0	.9	2.8	.7	1.0	.8	.7	.4	.4	1.0	1.0
23	1.0	1.0	.9	2.8	.7	1.0	.8	.7	.4	.4	1.0	1.0
24	1.0	1.0	.9	2.8	.7	1.0	.8	.7	.4	.4	1.0	1.0
25	1.0	1.0	.9	2.8	.7	1.0	.8	.7	.4	2.9	1.0	1.0
26	1.0	1.0	.9	2.8	.7	1.0	.8	.7	.4	2.9	1.0	1.0
27	1.0	1.0	.9	2.8	.7	1.0	.8	.7	.4	2.9	1.0	1.0
28	1.0	1.0	.9	2.8	.7	1.0	.8	.7	.4	2.9	1.0	1.0
29	1.0	-----	.9	2.8	.7	1.0	.8	.7	.4	2.9	1.0	1.0
30	1.0	-----	.9	2.8	.7	1.0	.8	.7	.4	2.9	1.0	1.0
31	1.0	-----	.9	-----	.7	-----	.8	.7	-----	2.9	-----	1.0
Mean	1.0	1.0	0.9	2.8	0.9	1.0	0.8	0.7	0.4	0.9	1.0	1.0
Max.	1.0	1.0	.9	2.8	1.0	1.0	.8	.7	.4	2.9	1.0	1.0
Min.	1.0	1.0	.9	2.8	.7	1.0	.8	.7	.4	1.0	1.0	1.0
A. F.	61	56	55	167	55	59	49	43	24	54	59	61
Total Acre Feet	743.											

DISCHARGE IN SECOND FEET, CHADRON CREEK BELOW CITY RESERVOIR—  
1927

Sec. 18, Twp. 32, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	0.5	0.5	0.6	1.1
2	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	.5	.5	.6	1.1
3	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	.5	.5	.6	1.1
4	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	.5	.5	.6	1.1
5	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	.5	.5	.6	1.1
6	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	.5	.5	.6	1.1
7	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	.5	.5	.6	1.1
8	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	.5	.5	.6	1.1
9	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	.5	.5	.6	1.1
10	1.5	1.7	1.0	1.2	1.0	1.5	1.7	1.0	.5	.5	.6	1.1
11	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
12	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
13	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
14	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
15	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
16	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
17	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
18	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
19	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
20	1.5	1.7	1.0	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
21	1.5	1.7	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
22	1.5	1.7	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
23	1.5	1.7	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
24	1.5	1.7	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
25	1.5	1.7	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
26	1.5	1.7	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
27	1.5	1.7	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
28	1.5	1.7	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
29	1.5	-----	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
30	1.5	-----	1.1	1.2	1.0	1.7	1.7	.5	.5	.5	1.1	1.1
31	1.5	-----	1.1	-----	1.0	-----	1.7	.5	-----	.5	-----	1.1
Mean	1.5	1.7	1.0	1.2	1.0	1.6	1.7	0.7	0.5	0.5	0.9	1.1
Max.	1.5	1.7	1.1	1.2	1.0	1.7	1.7	1.0	.5	.5	1.1	1.1
Min.	1.5	1.7	1.0	1.2	1.0	1.5	1.7	.5	.5	.5	.6	1.1
A. F.	91	93	43	71	61	97	100	40	29	39	55	57
Total Acre Feet	767.											

DISCHARGE IN SECOND FEET, CHADRON CREEK BELOW CITY RESERVOIR—

1928  
Sec. 18, Twp. 32, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	1	1	1	1	1	3	1	0.2	0.3	0.6	0.9
2	1	1	1	1	1	1	3	1	.2	.3	.6	.9
3	1	1	1	1	1	1	3	1	.2	.3	.6	.9
4	1	1	1	1	1	1	3	1	.2	.3	.6	.9
5	1	1	1	1	1	1	3	1	.2	.3	.6	.9
6	1	1	1	1	1	1	3	1	.2	.3	.6	.9
7	1	1	1	1	1	1	3	1	.2	.3	.6	.9
8	1	1	1	1	1	1	3	1	.2	.3	.6	.9
9	1	1	1	1	1	1	3	1	.2	.3	.6	.9
10	1	1	1	1	1	1	3	1	.2	.3	.6	.9
11	1	1	1	1	1	1	3	1	.2	.3	.6	.9
12	1	1	1	1	1	1	3	1	.2	.3	.6	.9
13	1	1	1	1	1	1	3	1	.2	.3	.6	.9
14	1	1	1	1	1	1	3	1	.2	.3	.6	.9
15	1	1	1	1	1	1	3	1	.2	.3	.6	.9
16	1	1	1	1	1	1	3	1	.2	.3	.6	.9
17	1	1	1	1	1	1	3	1	.2	.3	.6	.9
18	1	1	1	1	1	1	3	1	.2	.3	.6	.9
19	1	1	1	1	1	1	3	1	.2	.3	.6	.9
20	1	1	1	1	1	1	3	1	.2	.3	.6	.9
21	1	1	1	1	1	1	3	1	.2	.3	.6	.9
22	1	1	1	1	1	1	3	1	.2	.3	.6	.9
23	1	1	1	1	1	1	3	1	.2	.3	.6	.9
24	1	1	1	1	1	1	3	1	.2	.3	.6	.9
25	1	1	1	1	1	1	3	1	.2	.3	.6	.9
26	1	1	1	1	1	1	3	1	.2	.3	.6	.9
27	1	1	1	1	1	1	3	1	.2	.3	.6	.9
28	1	1	1	1	1	1	3	1	.2	.3	.6	.9
29	1	1	1	1	1	1	3	1	.2	.3	.6	.9
30	1	1	1	1	1	1	3	1	.2	.3	.6	.9
31	1	---	1	---	1	---	3	1	---	.3	---	.9
Mean	1	1	1	1	1	1	3	1	0.2	0.3	0.6	0.9
Max.	1	1	1	1	1	1	3	1	.2	.3	.6	.9
Min.	1	1	1	1	1	1	3	1	.2	.3	.6	.9
A. F.	61	57	61	59	61	61	184	61	12	18	36	53
Total Acre Feet	724.											

DISCHARGE IN SECOND FEET, CHADRON CREEK—1922

Sec. 12, Twp. 32, Rge. 49 W.

Date	Jan.	Feb.	Mar.	* Apr.	* May	* June	July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	0.6	1.5	1.8	1.5	1.5	1.5	2.8	2.8	1.0	0.5	0.5	0.5
2	.6	1.6	1.8	1.5	1.5	1.5	2.8	2.8	.9	.5	.5	.5
3	.6	1.6	1.8	1.5	1.5	1.5	2.8	2.8	.8	.5	.5	.5
4	.6	1.7	1.8	1.5	1.5	1.5	2.8	2.7	.8	.5	.5	.5
5	.6	1.8	1.8	1.5	1.5	1.5	2.8	2.7	.7	.5	.5	.5
6	.6	1.8	1.7	1.5	1.5	1.5	2.8	2.6	.7	.5	.5	.5
7	.6	1.9	1.7	1.5	1.5	1.5	2.8	2.6	.6	.5	.5	.5
8	.6	1.9	1.7	1.5	1.5	1.5	2.8	2.5	.5	.5	.5	.5
9	.6	2.0	1.7	1.5	1.5	1.5	2.8	2.4	.5	.5	.5	.5
10	.6	2.1	1.7	1.5	1.5	1.5	2.8	2.4	.5	.5	.5	.5
11	.6	2.1	1.7	1.5	1.5	1.5	2.8	2.3	.5	.5	.5	.5
12	.6	2.1	1.7	1.5	1.5	1.5	2.8	2.3	.5	.5	.5	.5
13	.6	2.0	1.7	1.5	1.5	1.5	2.8	2.1	.5	.5	.5	.5
14	.6	2.0	1.7	1.5	1.5	1.5	2.8	2.1	.5	.5	.5	.5
15	.6	2.0	1.7	1.5	1.5	1.5	2.8	2.0	.5	.5	.5	.5
16	.6	2.0	1.6	1.5	1.5	1.5	2.8	2.0	.5	.5	.5	.5
17	.7	2.0	1.6	1.5	1.5	1.5	2.8	1.9	.5	.5	.5	.5
18	.7	2.0	1.6	1.5	1.5	1.5	2.8	1.8	.5	.5	.5	.5
19	.8	2.0	1.6	1.5	1.5	1.5	2.8	1.8	.5	.5	.5	.5
20	.8	2.0	1.6	1.5	1.5	1.5	2.8	1.7	.5	.5	.5	.5
21	.9	2.0	1.5	1.5	1.5	1.5	2.8	1.7	.5	.5	.5	.5
22	1.0	2.0	1.5	1.5	1.5	1.5	2.8	1.6	.5	.5	.5	.5
23	1.0	1.9	1.5	1.5	1.5	1.5	2.8	1.5	.5	.5	.5	.5
24	1.1	1.9	1.5	1.5	1.5	1.5	2.8	1.5	.5	.5	.5	.5
25	1.1	1.9	1.5	1.5	1.5	1.5	2.8	1.4	.5	.5	.5	.5
26	1.2	1.9	1.5	1.5	1.5	1.5	2.8	1.3	.5	.5	.5	.5
27	1.2	1.9	1.5	1.5	1.5	1.5	2.8	1.3	.5	.5	.5	.5
28	1.3	1.9	1.5	1.5	1.5	1.5	2.8	1.2	.5	.5	.5	.5
29	1.3	---	1.5	1.5	1.5	1.5	2.8	1.2	.5	.5	.5	.5
30	1.4	---	1.5	1.5	1.5	1.5	2.8	1.1	.5	.5	.5	.5
31	1.5	---	1.5	---	1.5	---	2.8	1.0	---	.5	---	.5
Mean	0.8	1.9	1.6	1.5	1.5	1.5	2.8	2.0	0.6	0.5	0.5	0.5
Max.	1.5	2.1	1.8	1.5	1.5	1.5	2.8	2.8	1.0	.5	.5	.5
Min.	.6	1.5	1.5	1.5	1.5	1.5	2.8	1.0	.5	.5	.5	.5
A. F.	50.8	106.1	100.1	89.2	92.2	89.2	172.1	121.3	33.7	34.7	33.7	34.7
Total Acre Feet	953.											

\*Estimated.

**DISCHARGE IN SECOND FEET, CHADRON CREEK—1923**  
 Sec. 12, Twp. 32, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.5	1.3	1.0	1.0	1.7	1.3	1.3	0.7	1.0	1.6	0.6	1.2
2	1.5	1.3	1.0	1.0	1.7	1.3	1.3	.7	1.0	1.6	.6	1.2
3	1.5	1.3	1.0	1.0	1.7	1.3	1.3	3.0	1.0	1.6	.6	1.2
4	1.5	1.3	1.0	1.0	1.7	1.3	1.3	6.2	1.0	1.6	.6	1.2
5	1.5	1.3	1.0	1.0	1.7	1.3	1.3	6.0	1.0	1.6	.6	1.2
6	1.5	1.3	1.0	1.0	1.5	1.3	1.3	5.7	1.0	1.7	1.0	1.2
7	1.5	1.3	1.0	1.0	1.5	1.3	1.3	5.3	1.0	1.7	1.0	1.2
8	1.5	1.3	1.0	1.0	1.5	1.3	1.3	5.0	1.0	1.7	1.0	1.2
9	1.5	1.3	1.0	1.0	1.5	1.3	1.3	4.6	1.0	1.7	1.0	1.2
10	1.5	1.3	1.0	1.0	1.5	1.3	1.3	4.3	1.0	1.7	1.0	1.2
11	1.5	1.3	1.0	1.0	1.3	1.4	1.0	4.0	.8	1.3	1.2	1.2
12	1.5	1.3	1.0	1.0	1.3	1.4	1.0	3.6	.8	1.3	1.2	1.2
13	1.5	1.3	1.0	1.0	1.3	1.4	1.0	3.3	.8	1.3	1.2	1.2
14	1.5	1.3	1.0	1.0	1.3	1.4	1.0	3.0	.8	1.3	1.2	1.2
15	1.5	1.3	1.0	1.0	1.3	1.4	1.0	2.7	.8	1.3	1.2	1.2
16	1.5	1.3	1.0	1.2	1.1	1.4	1.0	2.6	1.0	.8	1.2	1.2
17	1.5	1.3	1.0	1.2	1.1	1.4	1.0	2.3	1.0	.8	1.2	1.2
18	1.5	1.3	1.0	1.2	1.1	1.4	1.0	2.1	1.0	.8	1.2	1.2
19	1.5	1.3	1.0	1.2	1.1	1.4	1.0	2.0	1.0	.8	1.2	1.2
20	1.5	1.3	1.0	1.2	1.1	1.4	1.0	1.7	1.0	.8	1.2	1.2
21	1.5	1.3	1.0	1.2	1.1	1.5	.7	1.6	1.2	.5	1.2	1.2
22	1.5	1.3	1.0	1.2	1.1	1.5	.7	1.5	1.2	.5	1.2	1.2
23	1.5	1.3	1.0	1.2	1.1	1.5	.7	1.5	1.2	.5	1.2	1.2
24	1.5	1.3	1.0	1.2	1.1	1.5	.7	1.4	1.2	.5	1.2	1.2
25	1.5	1.3	1.0	1.2	1.1	1.5	.7	1.3	1.2	.5	1.2	1.2
26	1.5	1.3	1.0	.5	1.1	1.5	.7	1.2	1.4	.2	1.2	1.2
27	1.5	1.3	1.0	.5	1.1	1.5	.7	1.2	1.4	.2	1.2	1.2
28	1.5	1.3	1.0	.5	1.1	1.5	.7	1.2	1.4	.2	1.2	1.2
29	1.5	-----	1.0	.5	1.1	1.5	.7	1.1	1.4	.2	1.2	1.2
30	1.5	-----	1.0	.5	1.1	1.5	.7	1.1	1.4	.2	1.2	1.2
31	1.5	-----	1.0	-----	1.1	-----	.7	1.1	-----	.2	-----	1.2
Mean	1.5	1.3	1.0	1.0	1.2	1.3	1.0	2.6	1.0	1.0	1.0	1.2
Max.	1.5	1.3	1.0	1.2	1.7	1.5	1.3	6.2	1.4	1.7	1.2	1.2
Min.	1.5	1.3	1.0	.5	1.1	1.2	.7	.7	.8	.2	.6	1.2
A. F.	92	71	61	59	79	81	61	164	63	61	63	73
Total Acre Feet	928.											

**DISCHARGE IN SECOND FEET, CHADRON CREEK—1924**  
 Sec. 12, Twp. 32, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.4	1.7	3.0	3.8	3.6	2.0	0.4	0.1	0.0	0.5	0.8	2.3
2	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.0	.5	.8	2.3
3	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.0	.5	.8	2.3
4	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.0	.5	.8	2.3
5	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.0	.5	.8	2.3
6	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
7	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
8	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
9	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
10	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
11	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
12	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
13	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
14	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
15	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
16	.4	1.7	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
17	.4	.8	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
18	.4	.8	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
19	.4	.8	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
20	.4	.8	3.0	3.8	3.6	2.0	.4	.1	.5	.5	.8	2.3
21	.4	.8	3.0	3.8	3.6	2.0	.4	.0	.5	.8	2.3	2.3
22	.4	1.7	3.0	3.8	3.6	2.0	.4	.0	.5	.8	2.3	2.3
23	.4	1.7	3.0	3.8	3.6	2.0	.4	.0	.5	.8	2.3	2.3
24	.4	1.7	3.0	3.8	3.6	2.0	.4	.0	.5	.8	2.3	2.3
25	.4	1.7	3.0	3.8	3.6	2.0	.4	.0	.5	.8	2.3	2.3
26	.4	1.7	3.0	3.8	3.6	2.0	.2	.0	.5	.8	2.3	2.3
27	.4	1.7	3.0	3.8	3.6	2.0	.2	.0	.5	.8	2.3	2.3
28	.4	1.7	3.0	3.8	3.6	2.0	.2	.0	.5	.8	2.3	2.3
29	.4	1.7	3.0	3.8	3.6	2.0	.2	.0	.5	.8	2.3	2.3
30	.4	-----	3.0	3.8	3.6	2.0	.2	.0	.5	.8	2.3	2.3
31	.4	-----	3.0	-----	3.6	-----	.2	.0	-----	.8	-----	2.3
Mean	0.4	1.5	3.0	3.8	3.6	2.0	0.3	0.1	0.4	0.6	1.3	2.3
Max.	.4	1.7	3.0	3.8	3.6	2.0	.4	.2	.5	.8	2.3	2.3
Min.	.4	.7	3.0	3.8	3.6	2.0	.2	.0	.0	.5	.8	2.3
A. F.	25	98	184	226	221	119	22	6	25	37	81	141
Total Acre Feet	1,185.											

HYDROGRAPHIC REPORT—1928

543

DISCHARGE IN SECOND FEET, CHADRON CREEK—1925

Sec. 12, Twp. 32, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.0	1.0	3.5	1.5	1.9	2.0	0.6	0.5	0.3	0.3	0.8	1.2
2	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
3	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
4	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
5	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
6	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
7	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
8	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
9	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
10	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
11	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
12	1.0	1.0	3.5	1.5	1.9	2.0	.6	.5	.3	.3	.8	1.2
13	1.0	1.0	3.5	1.5	1.9	2.0	.6	.3	.3	.3	.8	1.2
14	1.0	1.0	3.5	1.5	1.9	2.0	.6	.3	.3	.3	.8	1.2
15	1.0	1.0	3.5	1.5	1.9	2.0	.6	.3	.3	.3	.8	1.2
16	1.0	1.0	1.5	1.5	1.9	2.0	.6	.3	.3	.3	.8	1.2
17	1.0	1.0	1.5	1.5	1.9	2.0	.6	.3	.3	.3	.8	1.2
18	1.0	1.0	1.5	1.5	1.9	2.0	.6	.3	.3	.3	.8	1.2
19	1.0	1.0	1.5	1.5	1.9	2.0	.6	.3	.3	.3	.8	1.2
20	1.0	1.0	1.5	1.5	1.9	2.0	.6	.3	.3	.3	.8	1.2
21	1.0	1.0	1.5	1.5	1.9	.6	.6	.3	.3	.3	.8	1.2
22	1.0	1.0	1.5	1.5	1.9	.6	.6	.3	.3	.3	.8	1.2
23	1.0	1.0	1.5	1.5	1.9	.6	.6	.3	.3	.3	.8	1.2
24	1.0	1.0	1.5	1.5	1.9	.6	.6	.3	.3	.3	.8	1.2
25	1.0	3.5	1.5	1.5	1.9	.6	.6	.3	.3	.3	.8	1.2
26	1.0	3.5	1.5	1.5	1.9	.6	.6	.3	.3	.3	.8	1.2
27	1.0	3.5	1.5	1.5	1.9	.6	.6	.3	.3	.3	.8	1.2
28	1.0	3.5	1.5	1.5	2.0	.6	.5	.3	.3	.3	.8	1.2
29	1.0	-----	1.5	1.5	2.0	.6	.5	.3	.3	.3	.8	1.2
30	1.0	-----	1.5	1.5	2.0	.6	.5	.3	.3	.3	.8	1.2
31	1.0	-----	1.5	-----	2.0	-----	.5	.3	-----	.8	-----	1.2
Mean	1.0	1.2	2.4	1.5	2.0	1.5	0.6	0.3	0.3	0.6	1.0	1.2
Max.	1.0	3.5	3.5	1.5	2.0	2.0	.6	.5	.3	.8	1.2	1.2
Min.	1.0	1.0	1.5	1.5	1.9	.6	.5	.3	.3	.3	.8	1.2
A. F.	61	75	153	89	117	93	36	24	18	34	59	73
Total Acre Feet	832.											

DISCHARGE IN SECOND FEET, CHADRON CREEK—1926

Sec. 12, Twp. 32, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	0.2	0.5	1.0	1.0
2	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	.2	.5	1.0	1.0
3	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	.2	.5	1.0	1.0
4	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	.2	.5	1.0	1.0
5	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	.2	.5	1.0	1.0
6	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	.2	.5	1.0	1.0
7	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	.2	.5	1.0	1.0
8	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	.2	.5	1.0	1.0
9	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	.2	.5	1.0	1.0
10	1.0	1.0	1.4	2.5	1.9	1.0	2.0	3.6	.2	.5	1.0	1.0
11	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
12	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
13	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
14	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
15	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
16	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
17	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
18	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
19	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
20	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
21	1.0	1.0	1.9	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
22	1.0	1.0	1.9	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
23	1.0	1.0	1.9	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
24	1.0	1.0	1.9	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
25	1.0	1.0	1.9	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
26	1.0	1.0	1.9	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
27	1.0	1.0	1.9	2.5	1.0	1.0	2.0	3.6	2.6	.5	1.0	1.0
28	1.0	1.0	1.9	2.5	1.0	1.0	2.0	3.6	2.6	.5	1.0	1.0
29	1.0	-----	1.9	2.5	1.0	1.0	2.0	3.6	2.6	.5	1.0	1.0
30	1.0	-----	1.9	2.5	1.0	1.0	2.0	3.6	2.6	.5	1.0	1.0
31	1.0	-----	1.9	-----	1.0	-----	2.0	3.6	-----	.5	-----	1.0
Mean	1.0	1.0	1.6	2.5	1.3	1.0	2.0	3.6	0.6	0.5	1.0	1.0
Max.	1.0	1.0	1.9	2.5	1.9	1.0	2.0	3.6	2.6	.5	1.0	1.0
Min.	1.0	1.0	1.4	2.5	1.0	1.0	2.0	3.6	.2	.5	1.0	1.0
A. F.	61	56	77	149	79	59	129	221	36	31	59	61
Total Acre Feet	1,018.											

## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, CHADRON CREEK—1927

Sec. 12, Twp. 32, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
2	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
3	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
4	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
5	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
6	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
7	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
8	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
9	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
10	1.0	2.4	1.8	2.0	3.7	2.3	1.6	1.5	1.0	2.0	2.4	1.6
11	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
12	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
13	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
14	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
15	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
16	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
17	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
18	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
19	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
20	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
21	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
22	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
23	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
24	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
25	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
26	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
27	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
28	1.0	2.4	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
29	1.0	-----	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
30	1.0	-----	1.8	3.7	1.6	2.3	1.6	1.5	1.5	2.0	2.6	1.6
31	1.0	-----	1.8	-----	1.6	-----	1.6	1.5	-----	2.0	-----	1.6
Mean	1.0	2.4	1.8	3.1	2.3	2.3	1.6	1.5	1.1	2.0	2.5	1.6
Max.	1.0	2.4	1.8	3.7	3.7	2.3	1.6	1.5	1.5	2.0	2.6	1.6
Min.	1.0	2.4	1.8	2.0	1.6	2.3	1.6	1.5	1.0	2.0	2.4	1.6
A. F.	61	134	111	186	140	136	97	91	70	122	146	99
Total Acre Feet	1,302.											

## DISCHARGE IN SECOND FEET, CHADRON CREEK—1928

Sec. 12, Twp. 32, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	2	2	1	1	3	0.5	0.5	0.1	0.2	0.3	0.5
2	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
3	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
4	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
5	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
6	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
7	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
8	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
9	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
10	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
11	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
12	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
13	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
14	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
15	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
16	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
17	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
18	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
19	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
20	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
21	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
22	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
23	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
24	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
25	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
26	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
27	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
28	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
29	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
30	1	-----	2	1	1	3	1	.5	.1	.2	.3	.5
31	1	-----	2	-----	1	-----	1	.5	-----	.2	-----	.5
Mean	1	2	2	1	1	3	1	0.5	0.1	0.2	0.3	0.5
Max.	1	2	2	1	1	3	1	.5	.1	.2	.3	.5
Min.	1	2	2	1	1	3	.5	.5	.1	.2	.3	.5
A. F.	61	115	123	59	60	184	46	30	6	12	18	30
Total Acre Feet	744.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, CHADRON CREEK—1922

Sec. 15, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	* Apr.	* May	* June	July	Aug.	* Sept.	* Oct.	* Nov.	Dec.
1	1.3	2.4	4.0	3.4	2.3	2.3	3.5	3.5	2.0	1.6	1.6	1.6
2	1.3	2.5	4.0	3.3	2.3	2.3	3.5	3.5	1.9	1.6	1.6	1.6
3	1.3	2.6	4.0	3.2	2.3	2.4	3.5	3.5	1.9	1.6	1.6	1.6
4	1.3	2.8	4.0	3.2	2.3	2.4	3.5	3.4	1.8	1.6	1.6	1.6
5	1.3	3.0	4.0	3.1	2.3	2.4	3.5	3.4	1.8	1.6	1.6	1.6
6	1.3	3.1	4.0	3.0	2.3	2.4	3.5	3.3	1.7	1.6	1.6	1.6
7	1.3	3.2	4.0	2.9	2.3	2.4	3.5	3.3	1.6	1.6	1.6	1.6
8	1.3	3.3	4.0	2.8	2.3	2.4	3.5	3.2	1.6	1.6	1.6	1.6
9	1.3	3.4	4.0	2.8	2.3	2.4	3.5	3.2	1.6	1.6	1.6	1.6
10	1.3	3.5	4.0	2.7	2.3	2.4	3.5	3.1	1.6	1.6	1.6	1.6
11	1.3	3.6	3.9	2.6	2.3	2.5	3.5	3.1	1.6	1.6	1.6	1.6
12	1.3	3.8	3.9	2.5	2.3	2.5	3.5	3.1	1.6	1.6	1.6	1.6
13	1.3	3.9	3.9	2.4	2.3	2.5	3.5	3.0	1.6	1.6	1.6	1.6
14	1.3	4.0	3.9	2.3	2.3	2.5	3.5	2.9	1.6	1.6	1.6	1.6
15	1.3	4.1	3.9	2.3	2.3	2.5	3.5	2.9	1.6	1.6	1.6	1.6
16	1.3	4.2	3.9	2.3	2.3	2.6	3.5	2.8	1.6	1.6	1.6	1.6
17	1.3	4.2	3.9	2.3	2.3	2.6	3.5	2.8	1.6	1.6	1.6	1.6
18	1.3	4.2	3.9	2.3	2.3	2.6	3.5	2.7	1.6	1.6	1.6	1.6
19	1.3	4.2	3.9	2.3	2.3	2.6	3.5	2.7	1.6	1.6	1.6	1.6
20	1.3	4.2	3.9	2.3	2.3	2.6	3.5	2.6	1.6	1.6	1.6	1.6
21	1.4	4.1	3.8	2.3	2.3	2.7	3.5	2.6	1.6	1.6	1.6	1.6
22	1.5	4.1	3.8	2.3	2.3	2.8	3.5	2.5	1.6	1.6	1.6	1.6
23	1.6	4.1	3.8	2.3	2.3	2.8	3.5	2.5	1.6	1.6	1.6	1.6
24	1.7	4.1	3.8	2.3	2.3	2.9	3.5	2.4	1.6	1.6	1.6	1.6
25	1.7	4.1	3.8	2.3	2.3	3.0	3.5	2.4	1.6	1.6	1.6	1.6
26	1.8	4.0	3.8	2.3	2.3	3.1	3.5	2.3	1.6	1.6	1.6	1.6
27	1.9	4.0	3.8	2.3	2.3	3.2	3.5	2.3	1.6	1.6	1.6	1.6
28	2.0	4.0	3.8	2.3	2.3	3.3	3.5	2.2	1.6	1.6	1.6	1.6
29	2.1	-----	3.7	2.3	2.3	3.4	3.5	2.2	1.6	1.6	1.6	1.6
30	2.2	-----	3.6	2.3	2.3	3.5	3.5	2.1	1.6	1.6	1.6	1.6
31	2.3	-----	3.5	-----	2.3	-----	3.5	2.0	-----	1.6	-----	1.6
Mean	1.5	3.7	3.8	2.6	2.3	2.7	3.5	2.8	1.7	1.6	1.6	1.6
Max.	2.3	4.2	4.0	3.4	2.3	3.5	3.5	3.5	2.0	1.6	1.6	1.6
Min.	1.3	2.4	3.5	2.3	2.3	2.3	3.5	2.0	1.6	1.6	1.6	1.6
A. F.	91.6	203.7	238.4	152.7	141.4	158.6	215.2	173.5	98.1	98.4	95.2	98.4

Total Acre Feet 1,765.

\*Estimated.

## DISCHARGE IN SECOND FEET, CHADRON CREEK—1923

Sec. 15, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.0	2.5	1.7	2.0	2.5	2.0	1.5	1.5	4.5	2.3	3.0	3.0
2	3.0	2.5	1.7	2.0	2.5	2.0	1.5	3.0	4.5	2.3	3.0	3.0
3	3.0	2.5	1.7	2.0	2.5	2.0	1.5	4.0	4.5	2.3	3.0	3.0
4	3.0	2.5	1.7	2.0	2.5	2.0	1.5	5.0	4.5	2.3	3.0	3.0
5	3.0	2.5	1.7	2.0	2.5	2.0	1.5	9.0	4.5	2.3	3.0	3.0
6	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.5	3.5	2.3	3.0	3.0
7	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.5	3.5	2.3	3.0	3.0
8	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.5	3.5	2.3	3.0	3.0
9	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.5	3.5	2.3	3.0	3.0
10	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.5	3.5	2.3	3.0	3.0
11	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.0	2.1	2.3	3.0	3.0
12	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.0	2.1	2.3	3.0	3.0
13	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.0	2.1	2.3	3.0	3.0
14	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.0	2.1	2.3	3.0	3.0
15	3.0	2.5	1.7	2.0	2.5	2.0	1.5	8.0	2.1	2.3	3.0	3.0
16	3.0	2.0	1.7	2.0	2.5	2.0	1.5	7.5	2.1	2.3	3.0	3.0
17	3.0	2.0	1.7	2.0	2.5	2.0	1.5	7.5	2.1	2.3	3.0	3.0
18	3.0	2.0	1.7	2.0	2.5	2.0	1.5	7.5	2.1	2.3	3.0	3.0
19	3.0	2.0	1.7	2.0	2.5	2.0	1.5	7.5	2.1	2.3	3.0	3.0
20	3.0	2.0	1.7	2.0	2.5	2.0	1.5	7.5	2.1	2.3	3.0	3.0
21	3.0	2.0	1.7	2.0	2.5	2.0	1.5	6.5	2.1	2.3	3.0	3.0
22	3.0	2.0	1.7	2.0	2.5	2.0	1.5	6.5	2.1	2.3	3.0	3.0
23	3.0	2.0	1.7	2.0	2.5	2.0	1.5	6.5	2.1	2.3	3.0	3.0
24	3.0	2.0	1.7	2.0	2.5	2.0	1.5	6.5	2.1	2.3	3.0	3.0
25	3.0	2.0	1.7	2.0	2.5	2.0	1.5	6.5	2.1	2.3	3.0	3.0
26	3.0	2.0	1.7	2.0	2.5	2.0	1.5	5.5	2.1	2.3	3.0	3.0
27	3.0	2.0	1.7	2.0	2.5	2.0	1.5	5.5	2.1	2.3	3.0	3.0
28	3.0	2.0	1.7	2.0	2.5	2.0	1.5	5.5	2.1	2.3	3.0	3.0
29	3.0	-----	1.7	2.0	2.5	2.0	1.5	5.5	2.1	2.3	3.0	3.0
30	3.0	-----	1.7	2.0	2.5	2.0	1.5	5.5	2.1	2.3	3.0	3.0
31	3.0	-----	1.7	-----	2.5	-----	1.5	5.5	-----	2.3	-----	3.0
Mean	3.0	2.2	1.7	2.0	2.5	2.0	1.5	6.7	2.7	2.3	3.0	3.0
Max.	3.0	2.5	1.7	2.0	2.5	2.0	1.5	9.0	4.5	2.3	3.0	3.0
Min.	3.0	2.0	1.7	2.0	2.5	2.0	1.5	1.5	2.1	2.3	3.0	3.0
A. F.	184	126	105	119	154	119	93	412	163	141	179	184

Total Acre Feet 1,979.



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, CHADRON CREEK—1924  
Sec. 15, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.9	2.5	4.5	5.0	5.0	2.5	0.7	0.0	0.7	0.4	1.1	2.0
2	.9	2.5	4.5	5.0	5.0	2.5	.7	.0	.7	.4	1.1	2.0
3	.9	2.5	4.5	5.0	5.0	2.5	.7	.0	.7	.4	1.1	2.0
4	.9	2.5	4.5	5.0	5.0	2.5	.7	.0	.7	.4	1.1	2.0
5	.9	2.5	4.5	5.0	5.0	2.5	.7	.0	.7	.4	1.1	2.0
6	.9	2.5	4.5	5.0	5.0	2.5	.7	.0	.4	.4	1.1	2.0
7	.9	2.5	4.5	5.0	5.0	2.5	.7	.0	.4	.4	1.1	2.0
8	.9	2.5	4.5	5.0	5.0	2.5	.7	.0	.4	.4	1.1	2.0
9	.9	2.5	4.5	5.0	5.0	2.5	.7	.0	.4	.4	1.1	2.0
10	.9	2.5	4.5	5.0	5.0	2.5	.7	.0	.4	.4	1.1	2.0
11	.9	4.0	4.5	5.0	5.0	2.5	.7	.0	.4	.7	1.1	3.0
12	.9	4.0	4.5	5.0	5.0	2.5	.7	.0	.4	.7	1.1	3.0
13	.9	4.0	4.5	5.0	5.0	2.5	.7	.0	.4	.7	1.1	3.0
14	.9	4.0	4.5	5.0	5.0	2.5	.7	.0	.4	.7	1.1	3.0
15	.9	4.0	4.5	5.0	5.0	2.5	.7	.0	.4	.7	1.1	3.0
16	.9	4.0	4.5	5.0	5.0	2.5	.7	.7	.4	.7	1.1	3.0
17	.9	4.0	4.5	5.0	5.0	2.5	.7	.7	.4	.7	1.1	3.0
18	.9	4.0	4.5	5.0	5.0	2.5	.7	.7	.4	.7	1.1	3.0
19	.9	4.0	4.5	5.0	5.0	2.5	.7	.7	.4	.7	1.1	3.0
20	.9	4.0	4.5	5.0	5.0	2.5	.7	.7	.4	.7	1.1	3.0
21	.9	4.0	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
22	.9	4.0	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
23	.9	4.0	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
24	.9	4.0	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
25	.9	4.0	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
26	.9	4.0	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
27	.9	4.0	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
28	.9	4.0	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
29	.9	4.0	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
30	.9	-----	4.5	5.0	5.0	2.5	.0	.7	.4	.7	1.1	3.8
31	.9	-----	4.5	-----	5.0	-----	.0	.7	-----	.7	-----	3.8
Mean	0.9	3.5	4.5	5.0	5.0	2.5	0.5	0.4	0.4	0.6	1.1	2.9
Max.	.9	4.0	4.5	5.0	5.0	2.5	.7	.7	.7	.7	1.1	3.8
Min.	.9	2.5	4.5	5.0	5.0	2.5	.0	.0	.4	.4	1.1	2.0
A. F.	55.3	200.3	276.7	297.5	307.4	148.8	27.8	22.2	26.8	37.1	65.5	182.0
Total Acre Feet	1,647.											

DISCHARGE IN SECOND FEET, CHADRON CREEK—1925  
Sec. 15, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.6	5.7	2.4	2.4	2.3	2.3	1.2	0.0	0.3	1.0	3.2	3.2
2	3.6	5.7	2.4	2.4	2.3	2.3	1.2	.0	.3	1.0	3.2	3.2
3	3.6	5.7	2.4	2.4	2.3	2.3	1.2	.0	.3	1.0	3.2	3.2
4	3.6	5.7	2.4	2.4	2.3	2.3	1.2	.0	.3	1.0	3.2	3.2
5	3.6	5.7	2.4	2.4	2.3	2.3	1.2	.0	.3	1.0	3.2	3.2
6	3.6	5.7	2.4	2.4	2.3	2.3	1.2	.0	.3	1.0	3.2	3.2
7	3.6	5.7	2.4	2.4	2.3	2.3	1.2	.0	.3	1.0	3.2	3.2
8	3.6	5.7	2.4	2.4	2.3	2.3	1.2	.0	.3	1.0	3.2	3.2
9	3.6	5.7	2.4	2.4	2.3	2.3	1.2	.0	.3	1.0	3.2	3.2
10	3.6	5.7	2.4	2.4	2.3	2.3	1.2	.0	.3	1.0	3.2	3.2
11	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
12	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
13	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
14	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
15	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
16	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
17	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
18	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
19	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
20	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
21	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
22	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
23	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
24	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
25	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
26	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
27	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
28	3.6	5.7	2.4	2.4	2.3	1.2	1.2	.0	.3	1.5	3.2	3.2
29	3.6	-----	2.4	2.4	2.3	1.2	9.7	.0	.3	1.5	3.2	3.2
30	3.6	-----	2.4	2.4	2.3	1.2	8.0	.0	.3	1.5	3.2	3.2
31	3.6	-----	2.4	-----	2.3	-----	4.0	.0	.3	1.5	3.2	3.2
Mean	3.6	5.7	2.4	2.4	2.3	1.5	1.7	0.0	0.3	1.3	3.2	3.2
Max.	3.6	5.7	2.4	2.4	2.3	2.3	9.7	.0	.3	1.5	3.2	3.2
Min.	3.6	5.7	2.4	2.4	2.3	1.2	1.0	.0	.3	1.0	3.2	3.2
A. F.	222	317	147	143	141	93	109	0	18	81	190	196
Total Acre Feet	1,657.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, CHADRON CREEK—1926 Sec. 15, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	0.7	1.0	3.0	3.0
2	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
3	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
4	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
5	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
6	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
7	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
8	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
9	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
10	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
11	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
12	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
13	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
14	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
15	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
16	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
17	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
18	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
19	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
20	3.5	3.5	3.7	3.4	2.1	2.0	4.5	3.2	.7	1.0	3.0	3.0
21	3.5	3.5	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
22	3.5	3.5	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
23	3.5	3.5	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
24	3.5	3.5	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
25	3.5	3.5	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
26	3.5	3.5	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
27	3.5	3.5	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
28	3.5	3.5	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
29	3.5	-----	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
30	3.5	-----	4.1	3.4	3.0	2.0	4.5	1.0	.7	3.8	3.0	3.0
31	3.5	-----	4.1	-----	3.0	-----	4.5	1.0	-----	3.8	-----	3.0
Mean	3.5	3.5	3.9	3.4	2.4	2.0	4.5	2.4	0.7	2.0	3.0	3.0
Max.	3.5	3.5	4.1	3.4	3.0	2.0	4.5	3.2	.7	3.8	3.0	3.0
Min.	3.5	3.5	3.7	3.4	2.1	2.0	4.5	1.0	.7	1.0	3.0	3.0
A. F.	215	186	236	202	149	119	277	149	42	122	178	184
Total Acre Feet	2,059.											

## DISCHARGE IN SECOND FEET, CHADRON CREEK—1927 Sec. 15, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
2	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
3	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
4	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
5	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
6	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
7	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
8	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
9	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
10	3.5	3.3	3.4	3.4	7.2	3.8	3.5	2.7	2.6	2.6	2.9	3.4
11	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
12	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
13	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
14	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
15	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
16	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
17	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
18	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
19	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
20	3.5	3.3	3.4	7.2	5.0	3.8	3.5	2.7	2.6	2.6	2.9	3.4
21	3.5	3.3	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
22	3.5	3.3	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
23	3.5	3.3	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
24	3.5	3.3	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
25	3.5	3.3	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
26	3.5	3.3	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
27	3.5	3.3	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
28	3.5	3.3	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
29	3.5	-----	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
30	3.5	-----	3.4	7.2	5.0	3.8	3.5	1.4	2.6	2.6	5.4	3.4
31	3.5	-----	3.4	-----	5.0	-----	3.5	1.4	-----	2.6	-----	3.4
Mean	3.5	3.3	3.4	5.9	5.5	3.8	3.5	2.2	2.6	2.6	3.7	3.4
Max.	3.5	3.3	3.4	7.2	7.2	3.8	3.5	2.7	2.6	2.6	5.4	3.4
Min.	3.5	3.3	3.4	3.4	5.0	3.8	3.5	1.4	2.6	2.6	2.9	3.4
A. F.	214	182	208	353	343	226	214	137	154	160	222	208
Total Acre Feet	2,621											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, CHADRON CREEK—1928  
Sec. 15, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	10	8	5	3	7	2	4	0.3	0.3	1	1.6
2	10	10	8	5	3	7	2	4	.3	.3	1	1.6
3	10	10	8	5	3	7	2	4	.3	.3	1	1.6
4	10	10	8	5	3	7	2	4	.3	.3	1	1.6
5	10	10	8	5	3	7	2	4	.3	.3	1	1.6
6	10	10	8	5	3	7	2	4	.3	.3	1	1.6
7	10	10	8	5	3	7	2	4	.3	.3	1	1.6
8	10	10	8	5	3	7	2	4	.3	.3	1	1.6
9	10	10	8	5	3	7	2	4	.3	.3	1	1.6
10	10	10	8	5	3	7	2	4	.3	.3	1	1.6
11	10	10	8	5	3	7	2	4	.3	.3	1	1.6
12	10	10	8	5	3	7	2	4	.3	.3	1	1.6
13	10	10	8	5	3	7	2	4	.3	.3	1	1.6
14	10	10	8	5	3	7	2	4	.3	.3	1	1.6
15	10	10	8	5	3	7	2	4	.3	.3	1	1.6
16	10	10	8	5	3	7	2	4	.3	.3	1	1.6
17	10	10	8	5	3	7	2	4	.3	.3	1	1.6
18	10	10	8	5	3	7	2	4	.3	.3	1	1.6
19	10	10	8	5	3	7	2	4	.3	.3	1	1.6
20	10	10	8	5	3	7	2	4	.3	.3	1	1.6
21	10	10	8	5	3	7	2	4	.3	.3	1	1.6
22	10	10	8	5	3	7	2	4	.3	.3	1	1.6
23	10	10	8	5	3	7	2	4	.3	.3	1	1.6
24	10	10	8	5	3	7	2	4	.3	.3	1	1.6
25	10	10	8	5	3	7	2	4	.3	.3	1	1.6
26	10	10	8	5	3	7	2	4	.3	.3	1	1.6
27	10	10	8	5	3	7	2	4	.3	.3	1	1.6
28	10	10	8	5	3	7	2	4	.3	.3	1	1.6
29	10	10	8	5	3	7	2	4	.3	.3	1	1.6
30	10	---	8	5	3	7	2	4	.3	.3	1	1.6
31	10	---	8	---	3	---	2	4	---	.3	---	1.6
Mean	10	10	8	5	3	7	2	4	0.3	0.3	---	1.6
Max.	10	10	8	5	3	7	2	4	.3	.3	1	1.6
Min.	10	10	8	5	3	7	2	4	.3	.3	1	1.6
A. F.	614	575	492	297	184	416	123	246	18	18	59	99
Total Acre Feet	3,141.											

DISCHARGE IN SECOND FEET, CHERY CREEK—1926  
Sec. 22, Twp. 24, Rge. 61 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	4	3	18	46	34	41	50	17	9	9
2	---	---	4	3	18	46	34	41	50	17	9	9
3	---	---	4	3	18	46	34	41	50	17	9	9
4	---	---	4	3	18	46	34	41	50	17	9	9
5	---	---	4	3	18	46	34	41	50	17	9	9
6	---	---	4	3	18	46	34	41	50	17	9	9
7	---	---	4	3	18	46	34	41	50	17	9	9
8	---	---	4	3	18	46	34	41	50	17	9	9
9	---	---	4	3	18	46	34	41	50	17	9	9
10	---	---	4	3	18	46	34	41	50	17	9	9
11	---	---	4	3	11	46	34	41	50	17	9	9
12	---	---	4	3	11	46	34	41	50	17	9	9
13	---	---	4	3	11	46	34	41	50	17	9	9
14	---	---	4	3	11	46	34	41	50	17	9	9
15	---	---	4	3	11	46	34	41	50	17	9	9
16	---	---	4	3	11	46	34	41	50	17	9	9
17	---	---	4	3	11	46	34	41	50	17	9	9
18	---	---	4	3	11	46	34	41	50	17	9	9
19	---	---	4	3	11	46	34	41	50	17	9	9
20	---	---	4	3	11	46	34	41	50	17	9	9
21	---	---	4	3	11	8	42	49	50	15	9	9
22	---	---	4	3	11	8	42	49	50	15	9	9
23	---	---	4	3	11	8	42	49	50	15	9	9
24	---	---	4	3	11	8	42	49	50	15	9	9
25	---	---	4	3	11	8	42	49	50	15	9	9
26	---	---	4	3	11	8	42	49	50	15	9	9
27	---	---	4	3	11	8	42	49	50	15	9	9
28	---	---	4	3	11	8	42	49	50	15	9	9
29	---	---	4	3	11	8	42	49	50	15	9	9
30	---	---	4	3	11	8	42	49	50	15	9	9
31	---	---	4	---	11	---	42	49	---	15	---	9
Mean	---	---	4	3	13	33	37	44	50	16	---	9
Max.	---	---	4	3	18	46	42	49	50	17	9	9
Min.	---	---	4	3	11	8	34	41	50	15	9	9
A. F.	---	---	246	178	815	1983	2269	2696	2975	1002	535	553
*No Record.												

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, CHERRY CREEK—1927 Sec. 22, Twp. 24, Rge. 61 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	18	0	5	17	20	8	24	26	40	10	8	6
2	18	0	5	17	20	8	24	26	40	10	8	6
3	18	0	5	17	20	8	24	26	40	10	8	6
4	18	0	5	17	20	8	24	26	40	10	8	6
5	18	0	5	17	20	8	24	26	40	10	8	6
6	18	0	5	17	20	8	24	26	40	10	8	6
7	18	0	5	17	20	8	24	26	40	10	8	6
8	18	0	5	17	20	8	24	26	40	10	8	6
9	18	0	5	17	20	8	24	26	40	10	8	6
10	18	0	5	17	20	8	24	26	40	10	8	6
11	18	20	5	17	28	23	24	26	40	10	8	6
12	18	20	5	17	28	23	24	26	40	10	8	6
13	18	20	5	17	28	23	24	26	40	10	8	6
14	18	20	5	17	28	23	24	26	40	10	8	6
15	18	20	5	17	28	23	24	26	40	10	8	6
16	18	20	5	17	28	23	24	26	40	10	5	6
17	18	20	5	17	28	23	24	26	40	10	5	6
18	18	20	5	17	28	23	24	26	40	10	5	6
19	18	20	5	17	28	23	24	26	40	10	5	6
20	18	20	5	17	28	23	24	26	40	10	5	6
21	18	102	19	17	8	23	24	47	40	10	5	6
22	18	102	19	17	8	23	24	47	40	10	5	6
23	18	102	19	17	8	23	24	47	40	10	5	6
24	18	102	19	17	8	23	24	47	40	10	5	6
25	18	102	19	17	8	23	24	47	40	10	5	6
26	18	5	19	17	8	23	24	47	40	10	5	6
27	18	5	19	17	8	23	24	47	40	10	5	6
28	18	5	19	17	8	23	24	47	40	10	5	6
29	18	—	19	17	8	23	24	47	40	10	5	6
30	18	—	19	17	8	23	24	47	40	10	5	6
31	18	—	19	—	8	—	24	47	—	10	—	6
Mean	18	26	10	17	18	18	24	33	40	10	7	6
Max.	18	102	19	17	28	23	24	47	40	10	8	6
Min.	18	0	5	17	8	8	24	26	40	10	5	6
A. F.	1107	1438	613	1011	1138	1071	1476	2057	2380	615	386	369
Total Acre Feet	13,661.											

## DISCHARGE IN SECOND FEET, CHERRY CREEK—1928 Sec. 22, Twp. 24, Rge. 61 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13	4	7	6	6	19	24	47	78	60	11	15
2	13	4	7	6	6	19	24	47	78	60	11	15
3	13	4	7	6	6	19	24	50	73	60	11	15
4	13	4	7	6	6	19	24	55	67	60	11	15
5	13	4	7	6	6	19	24	55	73	60	11	15
6	13	4	7	6	6	19	24	40	73	60	11	15
7	13	4	7	6	6	19	24	40	73	60	11	15
8	13	4	7	6	6	19	24	44	73	60	11	15
9	13	4	7	6	6	19	24	47	73	60	11	15
10	13	4	7	6	6	19	24	40	73	60	11	15
11	13	4	7	6	6	18	24	55	73	35	11	15
12	13	4	7	6	6	18	24	47	73	35	11	15
13	13	4	7	6	6	18	24	57	73	35	11	15
14	13	4	7	6	6	18	24	55	73	35	11	15
15	13	4	7	6	6	19	24	56	73	35	11	15
16	13	4	7	6	15	19	52	55	60	35	11	15
17	13	4	7	6	15	19	52	72	60	35	11	15
18	13	4	7	6	15	19	52	62	60	35	11	15
19	13	4	7	6	15	19	52	78	60	35	11	15
20	13	4	7	6	15	19	52	67	60	35	11	15
21	13	4	7	6	15	19	47	64	60	11	11	15
22	13	4	7	6	15	19	33	64	60	11	11	15
23	13	4	7	6	15	19	33	70	60	11	11	15
24	13	4	7	6	15	19	35	78	60	11	11	15
25	13	4	7	6	15	19	38	76	60	11	11	15
26	13	4	7	6	19	16	33	76	60	11	11	15
27	13	4	7	6	19	16	30	78	60	11	11	15
28	13	4	7	6	19	16	37	78	60	11	11	15
29	13	4	7	6	19	16	33	70	60	11	11	15
30	12	—	7	6	19	16	38	72	60	11	11	15
31	13	—	7	—	19	—	38	78	—	11	—	15
Mean	13	4	7	6	11	18	33	60	66	38	11	15
Max.	13	4	7	6	19	19	52	78	78	60	11	15
Min.	13	4	7	6	6	16	30	40	60	11	11	15
A. F.	799	230	430	357	702	1093	2013	3715	3965	2124	654	922
Total Acre Feet	17,004.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, CLEAR CREEK—1922  
Sec. 5, Twp. 15, Rge. 41 W.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7	7	8	7	7	12	8	7	2	6	8	7
2	7	7	8	7	7	12	8	7	3	6	8	7
3	7	7	8	7	7	10	8	7	3	6	8	7
4	7	7	8	7	7	10	8	7	3	6	8	7
5	7	7	8	7	7	9	8	7	3	6	8	7
6	7	7	8	7	8	8	8	7	4	7	8	7
7	7	7	8	7	8	8	8	7	4	7	8	7
8	7	7	8	7	8	7	8	7	4	7	8	7
9	7	7	8	7	8	6	8	7	4	7	8	7
10	7	7	8	7	8	5	8	7	4	7	8	7
11	7	7	8	7	8	4	8	8	5	7	8	7
12	7	7	8	7	8	4	8	8	5	7	8	7
13	7	7	8	7	8	3	8	8	5	7	8	7
14	7	7	8	7	8	3	8	8	5	7	8	7
15	7	7	8	7	8	2	8	8	5	7	8	7
16	7	8	7	7	9	1	7	8	6	7	7	7
17	7	8	7	7	9	1	7	8	6	7	7	7
18	7	8	7	6	9	1	7	8	6	7	7	7
19	7	8	7	6	9	2	7	8	6	7	7	7
20	7	8	7	6	9	2	7	8	6	7	7	7
21	7	8	7	6	10	3	7	6	6	8	7	7
22	7	8	7	6	10	4	7	6	6	8	7	7
23	7	8	7	6	10	5	7	6	6	8	7	7
24	7	8	7	7	10	6	7	6	6	8	7	7
25	7	8	7	7	10	7	7	6	6	8	7	7
26	7	8	7	7	11	7	7	5	6	8	7	7
27	7	8	7	7	11	8	7	4	6	8	7	7
28	7	8	7	7	11	8	7	3	6	8	7	7
29	7	---	7	7	12	8	7	2	6	8	7	7
30	7	---	7	7	12	8	7	2	6	8	7	7
31	7	---	7	---	12	---	7	2	6	8	7	7
Mean	7	7.4	7.5	6.8	9	5.5	7.5	6.4	4.8	7.2	7.5	7
Max.	7	8	8	7	12	12	8	8	6	8	8	7
Min.	7	7	7	6	7	1	7	2	2	6	7	7
A. F.	430	414	460	405	553	329	460	392	288	442	446	430
Total Acre Feet	5,049.											

DISCHARGE IN SECOND FEET, CLEAR CREEK—1923  
Sec. 5, Twp. 15, Rge. 41 W.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.0	3.7	3.2	2.0	2.2	3.1	4.0	1.5	1.5	2.7	3.5	3.5
2	3.0	3.7	3.2	2.0	2.2	3.1	4.0	1.6	1.5	2.7	3.5	3.5
3	3.0	3.7	3.2	2.0	2.2	3.1	4.0	2.0	1.5	2.7	3.5	3.5
4	3.0	3.7	3.2	2.0	2.2	3.1	4.0	2.0	1.5	2.7	3.5	3.5
5	3.0	3.7	3.2	2.0	2.2	3.1	4.0	2.2	1.5	2.7	3.5	3.5
6	3.0	3.7	3.2	2.0	2.2	3.1	3.5	2.5	1.5	2.7	3.5	3.5
7	3.0	3.7	3.2	2.0	2.2	3.1	3.5	2.5	1.5	2.7	3.5	3.5
8	3.0	3.7	3.2	2.0	2.2	3.1	3.5	2.5	1.5	2.7	3.5	3.5
9	3.0	3.7	3.2	2.0	2.2	3.1	3.5	2.6	1.5	2.7	3.5	3.5
10	3.0	3.7	3.2	2.0	2.2	3.1	3.5	2.7	1.5	2.7	3.5	3.5
11	3.0	3.7	3.2	2.0	2.2	3.1	3.5	2.7	1.5	2.7	3.5	3.5
12	3.0	3.7	3.2	1.6	2.2	3.5	3.0	3.0	1.5	2.7	3.5	3.5
13	3.0	3.7	3.2	1.6	2.2	3.5	3.0	3.4	1.7	3.3	3.5	3.5
14	3.0	3.7	3.2	1.6	2.2	3.5	3.0	3.2	1.7	3.3	3.5	3.5
15	3.0	3.7	3.2	1.6	2.2	3.5	3.0	3.1	1.7	3.3	3.5	3.5
16	3.4	3.5	3.2	1.6	2.8	3.5	3.0	3.0	1.7	3.3	3.5	3.5
17	3.4	3.5	3.2	1.6	2.8	3.5	2.5	2.5	1.7	3.3	3.5	3.5
18	3.4	3.5	3.2	1.6	2.8	3.5	2.5	2.5	1.7	3.3	3.5	3.5
19	3.4	3.5	3.2	1.6	2.8	3.5	2.5	2.5	1.7	3.3	3.5	3.5
20	3.4	3.5	3.2	1.6	2.8	3.5	2.5	2.5	1.7	3.3	3.5	3.5
21	3.4	3.5	3.2	1.6	2.8	3.5	2.5	2.5	1.7	3.3	3.5	3.5
22	3.4	3.5	3.2	1.6	2.8	4.1	2.0	2.1	2.3	3.5	3.5	3.5
23	3.4	3.5	3.2	1.6	2.8	4.1	2.5	2.1	2.3	3.5	3.5	3.5
24	3.4	3.5	3.2	1.6	2.8	4.1	1.5	2.1	2.3	3.5	3.5	3.5
25	3.4	3.5	3.2	1.6	2.8	4.1	1.5	2.1	2.3	3.5	3.5	3.5
26	3.4	3.5	3.2	1.6	2.8	4.1	.5	1.9	2.3	3.5	3.5	3.5
27	3.4	3.5	3.2	1.6	2.8	4.1	.6	1.9	2.3	3.5	3.5	3.5
28	3.4	3.5	3.2	1.6	2.8	4.1	1.0	1.9	2.3	3.5	3.5	3.5
29	3.4	-----	3.2	1.6	2.8	4.1	1.0	1.9	2.3	3.5	3.5	3.5
30	3.4	-----	3.2	1.6	2.8	4.1	1.0	1.9	2.3	3.5	3.5	3.5
31	3.4	-----	3.2	-----	2.8	-----	1.5	1.9	-----	3.5	-----	3.5
Mean	3.1	4.2	3.2	1.7	2.5	3.5	2.5	2.3	1.8	3.1	3.5	3.5
Max.	3.4	3.7	3.2	2.0	2.8	4.1	4.0	3.5	2.3	3.5	3.5	3.5
Min.	3.0	3.5	3.2	1.6	2.2	3.1	0.5	1.5	1.5	2.7	3.5	3.5
A. F.	196	236	196	103	155	212	155	148	109	196	208	216
Total Acre Feet	2,130.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, CLEAR CREEK—1924  
Sec. 5, Twp. 15, Rge. 41 W.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11	11	10	9	9	8	3	3	1	7	7	6
2	11	11	10	9	9	8	3	3	1	7	7	6
3	11	11	10	9	9	8	3	3	1	7	7	6
4	11	11	10	9	9	8	3	3	1	7	7	6
5	11	11	10	9	9	8	3	3	1	7	7	6
6	11	11	10	9	9	8	3	3	1	7	7	6
7	11	11	10	9	9	8	3	3	1	7	7	6
8	11	11	10	9	9	8	3	3	1	7	7	6
9	11	11	10	9	9	8	3	3	1	7	7	6
10	11	11	10	9	9	8	3	3	1	7	7	6
11	11	11	7	9	9	8	3	2	1	7	7	6
12	11	11	7	9	9	8	3	2	1	7	7	6
13	11	11	7	9	9	8	3	2	1	7	7	6
14	11	11	7	9	9	8	3	2	1	7	7	6
15	11	11	7	9	9	8	3	2	1	7	7	6
16	11	11	7	9	9	8	3	2	3	7	7	6
17	11	11	7	9	9	8	3	2	3	7	7	6
18	11	11	7	9	9	8	3	2	3	7	7	6
19	11	11	7	9	9	8	3	2	3	7	7	6
20	11	11	7	9	9	8	3	2	3	7	7	6
21	11	11	7	9	9	8	0	0	3	7	7	6
22	11	11	7	9	9	8	0	0	3	7	7	6
23	11	11	7	9	9	8	0	0	3	7	7	6
24	11	11	7	9	9	8	0	0	3	7	7	6
25	11	11	7	9	9	8	0	0	3	7	7	6
26	11	11	7	9	9	8	0	0	3	7	7	6
27	11	11	7	9	9	8	0	0	3	7	7	6
28	11	11	7	9	9	8	0	0	3	7	7	6
29	11	11	7	9	9	8	0	0	3	7	7	6
30	11	-----	7	9	9	8	0	0	3	7	7	6
31	11	-----	7	9	9	8	0	0	3	7	7	6
Mean	11	11	8	9	9	8	2	2	-----	7	7	6
Max.	11	11	10	9	9	8	3	3	3	7	7	6
Min.	11	11	7	9	9	8	0	0	1	7	7	6
A. F.	676	632	389	535	553	475	119	99	119	430	416	369
Total Acre Feet	4,813.											

DISCHARGE IN SECOND FEET, CLEAR CREEK—1925  
Sec. 5, Twp. 15, Rge. 41 W.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12.0	11.9	12.4	9.3	12.4	7.6	0.0	5.9	8.7	10.3	10.4	11.3
2	12.0	11.9	12.4	9.3	12.4	7.6	.0	5.9	8.7	10.3	10.4	11.3
3	12.0	11.9	12.4	9.3	12.4	7.6	.0	5.9	8.7	10.3	10.4	11.3
4	12.0	11.9	12.4	9.3	12.4	7.6	.0	5.9	8.7	10.3	10.4	11.3
5	12.0	11.9	12.4	9.3	12.4	7.6	.0	5.9	8.7	10.3	10.4	11.3
6	12.0	11.9	12.4	9.3	12.4	7.6	.0	5.9	8.7	10.3	10.4	11.3
7	12.0	11.9	12.4	9.3	12.4	7.6	.0	5.9	8.7	10.3	10.4	11.3
8	12.0	11.9	12.4	9.3	12.4	7.6	.0	5.9	8.7	10.3	10.4	11.3
9	12.0	11.9	12.4	9.3	12.4	7.6	.0	5.9	8.7	10.3	10.4	11.3
10	12.0	11.9	12.4	9.3	12.4	7.6	.0	5.9	8.7	10.3	10.4	11.3
11	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
12	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
13	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
14	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
15	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
16	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
17	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
18	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
19	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
20	12.0	11.9	12.4	9.3	12.4	.3	3.9	.3	8.7	10.3	10.4	11.3
21	12.0	11.9	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
22	12.0	11.9	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
23	12.0	11.9	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
24	12.0	11.9	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
25	12.0	11.9	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
26	12.0	11.9	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
27	12.0	11.9	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
28	12.0	11.9	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
29	12.0	-----	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
30	12.0	-----	12.4	5.6	12.4	.3	8.9	6.4	8.6	10.3	10.4	11.3
31	12.0	-----	12.4	-----	12.4	-----	8.9	6.4	-----	10.3	-----	11.3
Mean	12.0	11.9	12.4	8.0	12.4	2.7	4.4	4.2	8.6	10.3	10.4	11.3
Max.	12.0	11.9	12.4	9.3	12.4	7.6	8.9	6.4	8.7	10.3	10.4	11.3
Min.	12.0	11.9	12.4	5.6	12.4	.3	.0	.3	8.6	10.3	10.4	11.3
A. F.	738	661	762	480	762	162	271	262	515	633	618	694
Total Acre Feet	6,558.											

## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, CLEAR CREEK—1926

Date	IN SECOND FEET, CLEAR CREEK—1926											
	Sec. 5, Twp. 15, Rge. 41 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	10	10	10	9	12	0.15	0.7	2	8	5	12
2	12	10	10	10	9	12	.15	.7	2	8	5	12
3	12	10	10	10	9	12	.15	.7	2	8	5	12
4	12	10	10	10	9	12	.15	.7	2	8	5	12
5	12	10	10	10	9	12	.15	.7	2	8	5	12
6	12	10	10	10	9	12	.15	.7	2	8	5	12
7	12	10	10	10	9	12	.15	.7	2	8	5	12
8	12	10	10	10	9	12	.15	.7	2	8	5	12
9	12	10	10	10	9	12	.15	.7	2	8	5	12
10	12	10	10	10	9	12	.15	.7	2	8	5	12
11	12	10	10	10	10	12	.15	.7	2	8	5	12
12	12	10	10	10	10	12	.15	.7	2	8	5	12
13	12	10	10	10	10	12	.15	.7	2	8	5	12
14	12	10	10	10	10	12	.15	.7	2	8	5	12
15	12	10	10	10	10	12	.15	.7	2	8	5	12
16	12	10	10	10	10	10	.15	.7	2	8	5	12
17	12	10	10	10	10	10	.15	.7	2	8	5	12
18	12	10	10	10	10	10	.15	.7	2	8	5	12
19	12	10	10	10	10	10	.15	.7	2	8	5	12
20	12	10	10	10	10	10	.15	.7	2	8	5	12
21	12	10	10	9	9	10	.15	.7	11	8	5	12
22	12	10	10	9	9	10	.15	.7	11	8	5	12
23	12	10	10	9	9	10	.15	.7	11	8	5	12
24	12	10	10	9	9	10	.15	.7	11	8	5	12
25	12	10	10	9	9	10	.15	.7	11	8	5	12
26	12	10	10	9	9	9	.15	0	11	8	5	12
27	12	10	10	9	9	9	.15	0	11	8	5	12
28	12	10	10	9	9	9	.15	0	11	8	5	12
29	12	....	10	9	9	9	.15	0	11	8	5	12
30	12	....	10	9	9	9	.15	0	11	8	5	12
31	12	....	10	9	9	9	.15	0	11	8	5	12
Mean	12	10	10	10	9	10	0.15	0.5	5	8	5	12
Max.	12	10	10	10	10	12	.15	.7	11	8	5	12
Min.	12	10	10	9	9	9	.15	0	2	8	5	12
A. F.	738	555	615	575	573	644	9	34	297	492	307	738
Total Acre Feet	5,577.											

## DISCHARGE IN SECOND FEET, CLEAR CREEK—1927

Date	IN SECOND FEET, CLEAR CREEK—1927											
	Sec. 5, Twp. 15, Rge. 41 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	11	16	12	12	12	0	4	9	12	12	8
2	10	11	16	12	12	12	0	4	9	12	12	8
3	10	11	16	12	12	12	0	4	9	12	12	8
4	10	11	16	12	12	12	0	4	9	12	12	8
5	10	11	16	12	12	12	0	4	9	12	12	8
6	10	11	16	12	12	12	0	4	9	12	12	8
7	10	11	16	12	12	12	0	4	9	12	12	8
8	10	11	16	12	12	12	0	4	9	12	12	8
9	10	11	16	12	12	12	0	4	9	12	12	8
10	10	11	16	12	12	12	0	4	9	12	12	8
11	10	11	16	14	9	12	0	4	9	13	12	8
12	10	11	16	14	9	12	0	4	9	13	12	8
13	10	11	16	14	9	12	0	4	9	13	12	8
14	10	11	16	14	9	12	0	4	9	13	12	8
15	10	11	16	14	9	12	0	4	9	13	12	8
16	10	11	16	14	9	12	0	4	9	13	12	8
17	10	11	16	14	9	12	0	4	9	13	12	8
18	10	11	16	14	9	12	0	4	9	13	12	8
19	10	11	16	14	9	12	0	4	9	13	12	8
20	10	11	16	14	9	12	0	4	9	13	12	8
21	10	11	16	14	9	7	0	11	9	10	13	8
22	10	11	16	14	9	7	0	11	9	10	13	8
23	10	11	16	14	9	7	0	11	9	10	13	8
24	10	11	16	14	9	7	0	11	9	10	13	8
25	10	11	16	14	9	7	0	11	9	10	13	8
26	10	11	16	14	9	7	0	11	9	10	13	8
27	10	11	16	14	9	7	0	11	9	10	13	8
28	10	11	16	14	9	7	0	11	9	10	13	8
29	10	....	16	14	9	7	0	11	9	10	13	8
30	10	....	16	14	9	7	0	11	9	10	13	8
31	10	....	16	9	....	....	0	11	9	10	13	8
Mean	10	11	16	13	10	10	0	6	9	12	12.3	8
Max.	10	11	16	14	12	12	0	11	9	13	13	8
Min.	10	11	16	12	9	7	0	4	9	10	12	8
A. F.	615	611	984	793	613	615	0	399	535	714	733	492
Total Acre Feet	7,104.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, CLEAR CREEK—1928 Sec. 5, Twp. 15, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20	18	11	11	12	14	14	11	0	6	12	8
2	20	18	11	11	12	14	14	11	0	6	12	8
3	20	18	11	11	12	14	14	11	0	6	12	8
4	20	18	11	11	12	14	14	11	0	6	12	8
5	20	18	11	11	12	14	14	11	0	6	12	8
6	20	18	11	11	12	14	14	11	0	6	7	8
7	20	18	11	11	12	14	14	11	0	6	7	8
8	20	18	11	11	12	14	14	11	0	6	7	8
9	20	18	11	11	12	14	14	11	0	6	7	8
10	20	18	11	11	12	14	14	11	0	6	7	8
11	20	18	11	11	12	14	14	11	0	6	7	8
12	20	18	11	11	12	14	14	11	0	6	7	8
13	20	18	11	11	12	14	14	11	0	6	7	8
14	20	18	11	11	12	14	14	11	0	6	7	8
15	20	18	11	11	12	14	14	11	0	6	7	8
16	18	11	12	11	12	11	14	11	0	6	11	9
17	18	11	12	11	12	11	14	11	0	6	11	9
18	18	11	12	11	12	11	14	11	0	6	11	9
19	18	11	12	11	12	11	14	11	0	6	11	9
20	18	11	12	11	12	11	14	11	0	6	11	9
21	18	11	12	11	12	11	12	0	0	6	11	9
22	18	11	12	11	12	11	12	0	0	6	11	9
23	18	11	12	11	12	11	12	0	0	6	11	9
24	18	11	12	11	12	11	12	0	0	6	11	9
25	18	11	12	11	12	11	12	0	0	6	11	9
26	18	11	12	11	12	11	12	0	0	6	11	9
27	18	11	12	11	12	11	12	0	0	6	11	9
28	18	11	12	11	12	11	12	0	0	6	11	9
29	18	11	12	11	12	11	12	0	0	6	11	9
30	18	11	12	11	12	11	12	0	0	6	11	9
31	18	11	12	11	12	11	12	0	0	6	11	9
Mean	19	15	11	11	12	12	13	7	0	6	10	9
Max.	20	18	12	11	12	14	14	11	0	6	12	9
Min.	18	11	11	11	12	11	12	0	0	6	7	8
A. F.	1166	841	708	654	738	744	817	436	0	369	585	524
Total Acre Feet	7,582.											

## DISCHARGE IN SECOND FEET, COLD WATER CREEK—1922 Sec. 34, Twp. 18, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	5	5	5	8	4	2	3	4	5	5	3
2	5	5	5	5	7	4	2	3	4	5	5	3
3	5	5	5	5	7	4	2	3	4	5	5	3
4	5	5	5	5	7	4	2	3	4	5	5	3
5	5	5	5	5	6	3	2	3	4	5	5	3
6	5	5	5	5	6	3	2	3	3	5	5	3
7	5	5	5	5	6	3	2	3	3	5	4	3
8	5	5	5	5	5	3	2	3	3	5	4	3
9	5	5	5	5	5	3	2	3	3	5	4	3
10	5	5	5	5	5	3	2	3	3	5	4	4
11	5	5	5	5	4	3	2	3	3	5	4	4
12	5	5	5	5	4	3	2	3	3	5	4	4
13	5	5	5	5	4	4	2	3	2	5	4	4
14	5	5	5	5	4	4	2	3	2	5	4	4
15	5	5	5	5	4	3	2	3	2	5	4	4
16	5	5	5	5	4	3	2	3	2	5	4	4
17	5	5	5	5	4	3	2	3	3	5	4	4
18	5	5	5	5	4	3	2	3	3	5	4	4
19	5	5	5	5	4	3	2	3	3	5	4	4
20	5	5	5	5	4	3	2	3	3	5	4	4
21	5	5	5	5	5	4	2	3	3	5	4	4
22	5	5	5	5	5	4	2	3	4	5	4	4
23	5	5	5	5	6	4	2	3	4	5	4	4
24	5	5	5	5	6	4	2	3	4	5	4	4
25	5	5	5	5	6	4	2	3	4	5	3	4
26	5	5	5	5	7	4	2	3	4	5	3	4
27	5	5	5	5	7	4	2	3	4	5	3	4
28	5	5	5	5	7	4	2	3	4	5	3	4
29	5	5	5	5	8	4	2	3	4	5	3	4
30	5	5	5	5	8	4	2	3	4	5	3	4
31	5	5	5	5	4	4	2	3	4	5	3	4
Mean	5	5	5	5	5.1	4.5	2.5	3.2	3.5	5	3.9	3.7
Max.	5	5	5	5	8	8	4	3	4	5	5	4
Min.	5	5	5	5	4	3	2	3	2	5	3	3
A. F.	397	278	307	307	279	151	135	198	212	307	236	228
Total Acre Feet	2,945.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, COLD WATER CREEK—1923  
Sec. 34, Twp. 18, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	1.5	1.5	1.7	1.0	0.5	0.7	1.0	0.3	0.6	1.0	1.0
2	2.0	1.5	1.5	1.7	1.0	.5	.7	1.0	.3	.6	1.0	1.0
3	2.0	1.5	1.5	1.7	1.0	.5	.7	1.0	.3	.6	1.0	1.0
4	2.0	1.5	1.5	1.7	1.0	.5	.7	1.0	.3	.6	1.0	1.0
5	2.0	1.5	1.5	1.7	1.0	.5	.7	1.0	.3	.6	1.0	1.0
6	2.0	1.5	1.5	1.7	1.0	.5	.7	1.0	.3	.6	1.0	1.0
7	2.0	1.5	1.5	1.7	1.0	.5	.7	1.0	.3	.6	1.0	1.0
8	2.0	1.5	1.5	1.7	1.0	.5	.7	1.0	.3	.6	1.0	1.0
9	2.0	1.5	1.5	1.7	1.0	.5	.7	1.0	.3	.6	1.0	1.0
10	2.0	1.5	1.5	1.7	1.0	.5	.7	1.0	.3	.6	1.0	1.0
11	2.0	1.5	1.5	1.7	1.0	.5	1.0	1.0	.3	1.0	1.0	1.0
12	2.0	1.5	1.5	1.7	1.0	.5	1.0	1.0	.3	1.0	1.0	1.0
13	2.0	1.5	1.5	1.7	1.0	.5	1.0	1.0	.3	1.0	1.0	1.0
14	2.0	1.5	1.5	1.7	1.0	.5	1.0	1.0	.3	1.0	1.0	1.0
15	2.0	1.5	1.5	1.7	1.0	.5	1.0	1.0	.3	1.0	1.0	1.0
16	2.0	1.5	1.5	1.7	1.0	1.0	1.0	.6	.3	1.0	1.0	1.0
17	2.0	1.5	1.5	1.7	1.0	1.0	1.0	.6	.3	1.0	1.0	1.0
18	2.0	1.5	1.5	1.7	1.0	1.0	1.0	.6	.3	1.0	1.0	1.0
19	2.0	1.5	1.5	1.7	1.0	1.0	1.0	.6	.3	1.0	1.0	1.0
20	2.0	1.5	1.5	1.7	1.0	1.0	1.0	.6	.3	1.0	1.0	1.0
21	2.0	1.5	1.5	1.7	1.0	1.0	1.5	.6	.3	1.0	1.0	1.0
22	2.0	1.5	1.5	1.7	1.0	1.0	1.5	.6	.3	1.0	1.0	1.0
23	2.0	1.5	1.5	1.7	1.0	1.0	1.5	.6	.3	1.0	1.0	1.0
24	2.0	1.5	1.5	1.7	1.0	1.0	1.5	.6	.3	1.0	1.0	1.0
25	2.0	1.5	1.5	1.7	1.0	1.0	1.5	.6	.3	1.0	1.0	1.0
26	2.0	1.5	1.5	1.7	1.0	1.5	1.5	.6	.3	1.0	1.0	1.0
27	2.0	1.5	1.5	1.7	1.0	1.5	1.5	.6	.3	1.0	1.0	1.0
28	2.0	1.5	1.5	1.7	1.0	1.5	1.5	.6	.3	1.0	1.0	1.0
29	2.0	-----	1.5	1.7	1.0	1.5	1.5	.6	.3	1.0	1.0	1.0
30	2.0	-----	1.5	1.7	1.0	1.5	1.5	.6	.3	1.0	1.0	1.0
31	2.0	-----	1.5	-----	1.0	-----	1.5	.6	-----	1.0	-----	1.0
Mean	2.0	1.5	1.5	1.7	1.0	0.8	1.0	0.8	0.3	0.8	1.0	1.0
Max.	2.0	1.5	1.5	1.7	1.0	1.5	1.5	1.0	.3	1.0	1.0	1.0
Min.	2.0	1.5	1.5	1.7	1.0	.5	.7	.6	.3	.6	1.0	1.0
A. F.	123	83	93	101	61	49	67	49	17	53	59	61
Total Acre Feet	S16.											

DISCHARGE IN SECOND FEET, COLD WATER CREEK—1924  
Sec. 34, Twp. 18, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.5	3.5	1.5	0.5	0.5	0.0	0.2	0.7	0.4	0.3	3.5	4.3
2	3.5	3.5	1.5	.5	.5	.0	.2	.7	.4	.3	3.5	4.3
3	3.5	3.5	1.5	.5	.5	.0	.2	.7	.4	.3	3.5	4.3
4	3.5	3.5	1.5	.5	.5	.0	.2	.7	.4	.3	3.5	4.3
5	3.5	3.5	1.5	.5	.5	.0	.2	.7	.4	.3	3.5	4.3
6	3.5	3.5	1.5	.5	.5	.0	.2	.7	.4	.3	3.5	4.3
7	3.5	3.5	1.5	.5	.5	.0	.2	.7	.4	.3	3.5	4.3
8	3.5	3.5	1.5	.5	.5	.0	.2	.7	.4	.3	3.5	4.3
9	3.5	3.5	1.5	.5	.5	.0	.2	.7	.4	.3	3.5	4.3
10	3.5	3.5	1.5	.5	.5	.0	.2	.7	.4	.3	3.5	4.3
11	3.5	3.5	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
12	3.5	3.5	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
13	3.5	3.5	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
14	3.5	3.5	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
15	3.5	3.5	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
16	3.5	3.0	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
17	3.5	3.0	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
18	3.5	3.0	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
19	3.5	3.0	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
20	3.5	3.0	1.0	.5	.5	.0	.2	.5	.4	.3	4.0	4.3
21	3.5	3.0	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
22	3.5	3.0	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
23	3.5	3.0	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
24	3.5	3.0	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
25	3.5	3.0	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
26	3.5	3.0	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
27	3.5	3.0	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
28	3.5	3.0	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
29	3.5	3.0	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
30	3.5	-----	1.0	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
31	3.5	-----	1.0	-----	.5	-----	.4	1.0	-----	2.0	-----	4.3
Mean	3.5	3.1	1.2	0.5	0.5	0.0	0.3	0.7	0.4	0.9	3.9	4.3
Max.	3.5	3.5	1.5	.5	.5	.0	.4	1.0	.4	2.0	4.3	4.3
Min.	3.5	2.0	1.0	.5	.5	.0	.2	.5	.4	.3	3.3	4.3
A. F.	215	179	71	30	31	0	17	46	23	55	234	264
Total Acre Feet	1,165.											

Note: Lisco Canal diverts water from this stream during the irrigation season.

# HYDROGRAPHIC REPORT—1928

555

## DISCHARGE IN SECOND FEET, COLD WATER CREEK—1928

Sec. 34, Twp. 18, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.7	4.0	4.5	5.1	2.2	0.1	0.0	0.2	0.6	0.3	0.5	0.1
2	3.7	4.0	4.5	5.1	2.2	.1	.0	.2	.6	.3	.5	.1
3	3.7	4.0	4.5	5.1	2.2	.1	.0	.2	.6	.3	.5	.1
4	3.7	4.0	4.5	5.1	2.2	.1	.0	.2	.6	.3	.5	.1
5	3.7	4.0	4.5	5.1	2.2	.1	.0	.2	.6	.3	.5	.1
6	3.7	4.0	4.5	5.1	2.2	.1	.0	.2	.6	.3	.5	.1
7	3.7	4.0	4.5	5.1	2.2	.1	.0	.2	.6	.3	.5	.1
8	3.7	4.0	4.5	5.1	2.2	.1	.0	.2	.6	.3	.5	.1
9	3.7	4.0	4.5	5.1	2.2	.1	.0	.2	.6	.3	.5	.1
10	3.7	4.0	4.5	5.1	2.2	.1	.0	.2	.6	.3	.5	.1
11	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
12	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
13	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
14	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
15	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
16	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
17	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
18	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
19	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
20	3.7	4.0	4.5	5.1	.3	.1	.1	.2	.6	.3	.5	.1
21	3.7	4.0	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
22	3.7	4.0	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
23	3.7	4.0	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
24	3.7	4.0	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
25	3.7	4.0	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
26	3.7	4.0	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
27	3.7	4.0	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
28	3.7	4.0	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
29	3.7	-----	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
30	3.7	-----	4.5	.5	.3	.1	.3	.1	.6	.3	.5	.1
31	3.7	-----	4.5	-----	.3	-----	.3	.1	-----	.3	-----	.1
Mean	3.7	4.0	4.5	3.5	0.9	0.1	0.1	0.2	0.6	0.3	0.5	0.1
Max.	3.7	4.0	4.5	5.1	2.2	.1	.3	.2	.6	.3	.5	.1
Min.	3.7	4.0	4.5	.5	.3	.1	.0	.1	.6	.3	.5	.1
A. F.	227	222	277	212	56	6	8	10	36	18	30	6
Total Acre Feet	1,108.											

## DISCHARGE IN SECOND FEET, COLD WATER CREEK—1926

Sec. 34, Twp. 18, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.0	4.0	0.1	5.0	0.2	0.4	0.7	0.3	0.4	0.2	0.2	*
2	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
3	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
4	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
5	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
6	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
7	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
8	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
9	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
10	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
11	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
12	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
13	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
14	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
15	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
16	3.0	4.0	.1	5.0	.2	.4	.7	.3	.4	.2	.2	---
17	3.0	4.0	.1	5.0	.2	.4	.7	5.0	.4	.2	.2	---
18	3.0	4.0	.1	5.0	.2	.4	.7	5.0	.4	.2	.2	---
19	3.0	4.0	.1	5.0	.2	.4	.7	5.0	.4	.2	.2	---
20	3.0	4.0	.1	5.0	.2	.4	.7	5.0	.4	.2	.2	---
21	3.0	4.0	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
22	3.0	4.0	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
23	3.0	4.0	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
24	3.0	4.0	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
25	3.0	4.0	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
26	3.0	4.0	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
27	3.0	4.0	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
28	3.0	4.0	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
29	3.0	-----	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
30	3.0	-----	.1	1.0	.2	.2	.7	5.0	.4	.2	.2	---
31	3.0	-----	.1	-----	.2	-----	.7	5.0	-----	.2	-----	---
Mean	3.0	4.0	0.1	3.0	0.2	0.3	0.7	2.7	0.4	0.2	0.2	---
Max.	3.0	4.0	.1	5.0	.2	.4	.7	5.0	.4	.2	.2	---
Min.	3.0	4.0	.1	1.0	.2	.2	.7	.3	.4	.2	.2	---
A. F.	184	222	6	218	12	20	42	167	24	123	119	---
*No Record.												

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, COLD WATER CREEK—1927  
Sec. 34, Twp. 18, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	5	3.5	4.7	3.1	2.0	1.0	0.1	0	1.2	2.4
2	---	---	5	3.5	4.7	3.1	2.0	1.0	.1	0	1.2	2.4
3	---	---	5	3.5	4.7	3.1	2.0	1.0	.1	0	1.2	2.4
4	---	---	5	3.5	4.7	3.1	2.0	1.0	.1	0	1.2	2.4
5	---	---	5	3.5	4.7	3.1	2.0	1.0	.1	0	1.2	2.4
6	---	---	5	3.5	4.7	3.1	2.0	1.0	.1	0	1.2	2.4
7	---	---	5	3.5	4.7	3.1	2.0	1.0	.1	0	1.2	2.4
8	---	---	5	3.5	4.7	3.1	2.0	1.0	.1	0	1.2	2.4
9	---	---	5	3.5	4.7	3.1	2.0	1.0	.1	0	1.2	2.4
10	---	---	5	3.5	4.7	3.1	2.0	1.0	.1	0	1.2	2.4
11	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
12	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
13	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
14	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
15	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
16	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
17	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
18	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
19	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
20	---	---	5	5.9	4.7	3.1	2.0	.3	.1	0	1.2	2.4
21	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
22	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
23	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
24	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
25	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
26	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
27	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
28	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
29	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
30	---	---	5	5.9	4.7	1.1	2.0	.3	.1	2.5	1.6	2.4
31	---	---	5	---	4.7	---	2.0	.3	---	2.5	---	2.4
Mean	---	---	5	5.1	4.7	2.4	2.0	0.5	0.1	0.8	1.3	2.4
Max.	---	---	5	5.9	4.7	3.1	2.0	1.0	.1	2.4	1.6	2.4
Min.	---	---	5	3.5	4.7	1.1	2.0	.3	.1	0	1.2	2.4
A. F.	---	---	307	303	289	145	122	32	5.9	54	79	146

\*No Record.

DISCHARGE IN SECOND FEET, COLD WATER CREEK—1928  
Sec. 34, Twp. 18, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	2	3	1	2	2	8	5	0	5	5	0.3
2	3	2	3	1	2	2	8	5	0	5	5	.3
3	3	2	3	1	2	2	8	5	0	5	5	.3
4	3	2	3	1	2	2	8	5	0	5	5	.3
5	3	2	1	1	2	1	8	5	0	5	5	.3
6	3	2	1	1	2	1	8	5	0	5	5	.3
7	3	2	1	1	2	1	8	5	0	5	5	.3
8	3	2	1	1	2	1	8	5	0	5	4	.3
9	3	2	1	1	2	1	8	5	0	5	4	.3
10	3	2	1	1	2	1	8	5	0	5	4	.3
11	3	2	1	1	2	1	8	5	0	5	4	.3
12	3	2	1	1	2	1	8	5	0	5	4	.3
13	3	2	1	1	2	1	8	5	0	5	4	.3
14	3	2	1	1	2	1	8	5	0	5	4	.3
15	3	2	1	1	2	1	8	5	0	5	4	.3
16	3	2	5	1	2	8	8	5	0	5	4	.3
17	3	2	5	1	2	8	8	5	0	5	4	.3
18	3	2	5	1	2	8	8	5	0	5	4	.3
19	3	2	5	1	2	8	8	5	0	5	4	.3
20	3	2	5	1	2	8	8	5	0	5	4	.3
21	3	2	5	1	2	8	5	5	0	5	1	.3
22	3	2	5	1	2	8	5	5	0	5	1	.3
23	3	2	5	1	2	8	5	5	0	5	1	.3
24	3	2	5	1	2	8	5	5	0	5	1	.3
25	3	2	5	1	2	8	5	5	0	5	1	.3
26	3	2	5	1	2	8	5	5	0	5	1	.3
27	3	2	5	1	2	8	5	5	0	5	1	.3
28	3	2	5	1	2	8	5	5	0	5	1	.3
29	3	2	5	1	2	8	5	5	0	5	1	.3
30	3	---	5	1	2	8	5	5	0	5	1	.3
31	3	---	5	---	2	---	5	5	---	5	---	.3
Mean	3	2	3	1	2	4	7	5	0	5	3	0.3
Max.	3	2	5	1	2	8	8	5	0	5	5	.3
Min.	3	2	1	1	2	1	5	5	0	5	1	.3
A. F.	184	115	204	59	188	276	426	307	0	307	192	18

Total Acre Feet 2,211.

# HYDROGRAPHIC REPORT—1928

557

## DISCHARGE IN SECOND FEET, COTTONWOOD CREEK—1925

Sec. 27, Twp. 29, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	2.0	2.0	1.2	1.2	1.0	1.0	*	*	*	*	*
2	2.0	2.0	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
3	2.0	2.0	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
4	2.0	2.0	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
5	2.0	2.0	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
6	2.0	2.0	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
7	2.0	2.0	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
8	2.0	2.0	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
9	2.0	2.0	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
10	2.0	2.0	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
11	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
12	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
13	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
14	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
15	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
16	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
17	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
18	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
19	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
20	2.0	2.0	1.5	1.2	1.2	1.0	.8	—	—	—	—	—
21	2.0	2.3	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
22	2.0	2.3	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
23	2.0	2.3	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
24	2.0	2.3	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
25	2.0	2.3	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
26	2.0	2.3	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
27	2.0	2.3	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
28	2.0	2.3	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
29	2.0	—	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
30	2.0	—	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
31	2.0	—	1.2	—	1.2	—	.5	—	—	—	—	—
Mean	2.0	1.8	1.5	1.2	1.2	1.0	0.7	—	—	—	—	—
Max.	2.0	2.3	2.0	1.2	1.2	1.0	1.0	—	—	—	—	—
Min.	2.0	2.0	1.2	1.2	1.2	1.0	.5	—	—	—	—	—
A. F.	123	115	95	71	74	60	46	—	—	—	—	—

\*No Record.

## DISCHARGE IN SECOND FEET, COTTONWOOD CREEK—1927

Sec. 27, Twp. 29, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
2	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
3	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
4	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
5	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
6	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
7	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
8	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
9	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
10	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
11	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
12	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
13	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
14	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
15	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
16	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
17	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
18	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
19	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
20	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
21	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
22	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
23	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
24	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
25	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
26	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
27	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
28	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
29	—	—	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
30	—	—	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
31	—	—	2.8	—	3.2	—	1.7	2.0	—	1.4	—	2.0
Mean	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.9	2.0
Max.	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	2.9	2.0
Min.	—	1.1	2.8	3.2	3.2	2.4	1.7	2.0	1.4	1.4	1.4	2.0
A. F.	—	63	170	190	196	142	103	123	83	85	113	123

\*No Record.

DISCHARGE IN SECOND FEET, COTTONWOOD CREEK, LITTLE—1925

Date	Sec. 8, Twp. 32, Rge. 51 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	1.1	0.3	0.3	1.5	0.1	0.1	3.0	0.5	0.5	1.5	1.7
2	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
3	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
4	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
5	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
6	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
7	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
8	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
9	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
10	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
11	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
12	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
13	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
14	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
15	....	1.1	.3	.3	1.5	.1	.1	.5	.5	.5	1.5	1.7
16	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.0	1.7	1.7
17	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.0	1.7	1.7
18	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.0	1.7	1.7
19	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.0	1.7	1.7
20	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.0	1.7	1.7
21	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.0	1.7	1.7
22	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.0	1.7	1.7
23	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.0	1.7	1.7
24	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.0	1.7	1.7
25	....	1.1	.3	1.0	.5	.1	.1	.5	.5	1.5	1.7	1.7
26	....	1.1	.3	1.0	.1	.1	.1	.5	.5	1.5	1.7	1.7
27	....	1.1	.3	1.0	.1	.1	.1	.5	.5	1.5	1.7	1.7
28	....	1.1	.3	1.0	.1	.1	19.0	.5	.5	1.5	1.7	1.7
29	....	.....	.3	1.0	.1	.1	19.0	.5	.5	1.5	1.7	1.7
30	....	.....	.3	1.0	.1	.1	10.0	.5	.5	1.5	1.7	1.7
31	....	.....	.3	.....	1.0	.....	5.0	.5	.....	1.5	.....	1.7
Mean	....	1.1	0.3	0.7	0.9	0.1	1.7	0.6	0.5	1.0	1.6	1.7
Max.	....	1.1	.3	1.0	1.5	.1	19.0	3.0	.5	1.5	1.7	1.7
Min.	....	1.1	.3	.3	.1	.1	.1	.5	.5	.5	1.5	1.7
A. F.	....	61	18	42	56	6	103	36	30	54	95	105

\*No Record.

DISCHARGE IN SECOND FEET, COTTONWOOD CREEK, LITTLE—1926

Date	Sec. 8, Twp. 32, Rge. 51 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	1	4	2	0.4	1	3	3	2	3	2	1.5
2	1	1	4	2	.4	1	3	3	2	3	2	1.5
3	1	1	4	2	.4	1	3	3	2	3	2	1.5
4	1	1	4	2	.4	1	3	3	2	3	2	1.5
5	1	1	4	2	.4	1	3	3	2	3	2	1.5
6	1	1	4	2	.4	1	3	3	2	3	2	1.5
7	1	1	4	2	.4	1	3	3	2	3	2	1.5
8	1	1	4	2	.4	1	3	3	2	3	2	1.5
9	1	1	4	2	.4	1	3	3	2	3	2	1.5
10	1	1	4	2	.4	1	3	3	2	3	2	1.5
11	1	1	4	2	.4	1	3	3	2	3	2	1.5
12	1	1	4	2	.4	1	3	3	2	3	2	1.5
13	1	1	4	2	.4	1	3	3	2	3	2	1.5
14	1	1	4	2	.4	1	3	3	2	3	2	1.5
15	1	1	4	2	.4	1	3	3	2	3	2	1.5
16	1	1	4	2	.4	1	3	3	2	3	2	1.5
17	1	1	4	2	.4	1	3	3	2	3	2	1.5
18	1	1	4	2	.4	1	3	3	2	3	2	1.5
19	1	1	4	2	.4	1	3	3	2	3	2	1.5
20	1	1	4	2	.4	1	3	3	2	3	2	1.5
21	1	1	2	2	1.0	1	3	3	2	3	2	1.5
22	1	1	2	2	1.0	1	3	3	2	3	2	1.5
23	1	1	2	2	1.0	1	3	3	2	3	2	1.5
24	1	1	2	2	1.0	1	3	3	2	3	2	1.5
25	1	1	2	2	1.0	1	3	3	2	3	2	1.5
26	1	1	2	2	1.0	1	3	3	2	3	2	1.5
27	1	1	2	2	1.0	1	3	3	2	3	2	1.5
28	1	1	2	2	1.0	1	3	3	2	3	2	1.5
29	1	.....	2	2	1.0	1	3	3	2	3	2	1.5
30	1	.....	2	2	1.0	1	3	3	2	3	2	1.5
31	1	.....	2	.....	1.0	.....	3	3	.....	3	.....	1.5
Mean	1	1	3	2	0.6	1	3	3	.....	3	.....	1.5
Max.	1	1	4	2	1.0	1	3	3	2	3	2	1.5
Min.	1	1	2	2	.4	1	3	3	2	3	2	1.5
A. F.	64	55	202	119	38	59	192	192	119	192	119	91

Total Acre Feet 1,442.



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, FAIRFIELD SEEP—1920  
Sec. 18, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	5	4	8	11	10	10	8	5	4	6	6
2	6	5	4	8	11	10	10	8	5	4	6	6
3	6	5	4	8	11	9	10	8	5	4	6	6
4	6	5	4	8	11	8	10	7	5	4	6	5
5	6	5	4	8	12	8	10	7	5	4	6	5
6	6	5	4	8	12	7	9	7	5	4	6	5
7	6	5	4	8	12	7	9	7	5	5	6	5
8	6	5	4	8	12	6	9	7	5	5	6	5
9	6	5	4	9	13	6	9	7	5	5	6	5
10	6	5	4	9	13	6	9	7	5	5	6	5
11	6	5	4	9	13	5	9	7	5	5	6	5
12	6	5	4	9	13	5	9	7	5	5	6	5
13	6	5	4	9	13	5	9	7	5	5	6	5
14	6	5	4	9	13	5	9	7	5	5	6	5
15	6	5	5	9	13	6	9	7	4	5	6	5
16	6	5	5	9	14	6	9	7	4	5	6	5
17	5	4	5	9	14	7	9	7	4	5	6	5
18	5	4	5	9	14	7	8	6	4	6	6	5
19	5	4	5	9	14	8	8	6	4	6	6	5
20	5	4	6	10	14	8	8	6	4	6	6	5
21	5	4	6	10	14	8	8	6	4	6	6	5
22	5	4	6	10	13	8	8	6	4	6	6	5
23	5	4	7	10	13	9	8	6	4	6	6	5
24	5	4	7	10	13	9	8	6	4	6	6	5
25	5	4	7	10	13	9	8	6	4	6	6	5
26	5	4	8	10	12	9	8	6	4	6	6	4
27	5	4	8	10	12	9	8	6	4	6	6	4
28	5	4	8	10	12	10	8	6	4	6	6	4
29	5	4	8	10	11	10	8	5	4	6	6	4
30	5	---	8	10	11	10	8	5	4	6	6	4
31	5	---	8	---	10	---	8	5	---	6	---	4
Mean	6	4	5	9	12	7	9	6	4	5	6	5
Max.	6	5	8	10	14	10	10	8	5	6	6	6
Min.	5	4	4	8	10	5	8	5	4	4	6	4
A. F.	351	232	352	541	768	456	535	403	266	323	357	301
Total Acre Feet	4,885.											

DISCHARGE IN SECOND FEET, FAIRFIELD SEEP—1921  
Sec. 18, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7	8	8	4	6	10	14	15	9	8	7	7
2	7	8	8	4	6	10	14	15	9	8	7	7
3	7	8	7	4	6	10	14	15	9	7	7	7
4	7	8	7	4	7	10	14	15	8	7	7	7
5	7	8	7	4	7	11	14	15	8	7	7	7
6	7	9	6	4	7	11	14	15	8	7	7	7
7	7	9	6	4	7	11	14	15	8	7	7	7
8	7	9	6	4	7	11	14	15	8	7	7	7
9	7	9	6	4	8	11	14	15	8	7	7	7
10	7	9	5	4	8	11	14	15	8	7	7	7
11	7	10	5	4	8	11	15	15	8	7	7	7
12	7	10	5	4	8	11	15	15	8	7	7	7
13	7	10	5	4	8	11	15	15	8	7	7	7
14	7	10	5	4	8	11	15	15	8	7	7	7
15	7	11	5	4	8	12	15	15	8	7	7	7
16	8	11	5	4	9	12	15	14	8	7	7	7
17	8	11	5	4	9	12	15	14	8	7	7	7
18	8	12	5	4	9	12	15	14	8	7	7	7
19	8	11	5	5	9	12	15	14	8	7	7	7
20	8	11	5	5	9	12	15	14	8	7	7	7
21	8	11	5	5	9	12	15	13	8	7	7	7
22	8	11	5	5	9	13	15	12	8	7	7	7
23	8	10	5	5	9	13	15	12	8	7	7	7
24	8	10	5	5	9	10	15	11	8	7	7	7
25	8	10	5	5	10	13	15	11	8	7	7	7
26	8	9	5	5	10	13	15	10	8	7	6	7
27	8	9	5	5	10	13	15	10	8	7	6	7
28	8	8	4	5	10	14	15	9	8	7	6	7
29	8	---	4	5	10	14	15	9	8	7	6	7
30	8	---	4	5	10	14	15	9	8	7	6	7
31	8	---	4	---	10	---	15	9	---	7	---	7
Mean	7.5	9.7	5.4	4.4	8	11.8	14.7	13.2	8	7	6.8	7
Max.	8	12	8	5	10	14	15	15	9	8	7	7
Min.	7	8	4	4	6	10	14	9	8	7	6	7
A. F.	462	536	331	262	496	702	902	813	482	434	412	430
Total Acre Feet	6,262.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, FAIRFIELD SEEP—1922

Sec. 18, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6.0	5.0	6.0	6.0	7.0	7.5	9.0	6.0	6.5	10.0	7.0	4.0
2	6.0	4.5	6.0	6.5	7.0	8.0	9.0	6.0	7.0	10.0	7.0	4.0
3	6.0	4.5	6.5	6.5	7.0	8.5	9.0	6.0	7.0	10.0	7.0	4.0
4	6.0	4.0	6.5	6.5	7.0	8.5	9.0	6.0	7.0	9.5	7.0	4.0
5	6.0	4.0	7.0	6.5	7.0	9.0	9.0	6.0	7.0	9.0	7.0	4.0
6	6.0	4.5	7.0	7.0	7.0	9.0	9.0	6.0	7.5	9.0	6.5	4.0
7	6.0	4.5	7.0	7.0	7.0	9.5	9.0	6.0	7.5	9.0	6.5	4.0
8	6.0	4.5	6.5	7.0	7.0	10.0	9.0	6.0	8.0	9.0	6.0	3.5
9	6.0	5.0	6.5	7.0	7.0	10.0	9.0	6.0	8.0	9.0	6.0	3.5
10	6.0	5.0	6.5	7.0	6.5	10.0	9.0	6.0	8.0	9.0	6.0	3.5
11	6.0	5.0	6.0	7.0	6.5	10.0	9.0	6.0	8.5	9.0	6.0	3.0
12	6.0	5.0	6.0	7.0	6.5	10.0	9.0	6.0	8.5	9.0	6.0	3.0
13	6.0	5.0	6.0	7.0	6.5	10.0	9.0	6.5	9.0	9.0	6.0	3.0
14	6.0	5.0	6.0	7.0	6.0	10.0	9.0	6.5	9.0	8.5	6.0	3.0
15	6.0	5.0	6.0	7.0	6.0	10.0	9.0	6.5	9.0	8.5	5.5	3.0
16	5.5	5.0	6.0	7.0	6.0	10.0	9.0	6.5	9.0	8.5	5.5	3.0
17	5.5	5.0	6.0	7.0	6.0	10.0	8.0	6.5	9.0	8.0	5.5	3.0
18	5.5	5.0	6.0	7.0	6.0	10.0	8.0	6.5	9.0	8.0	5.0	3.0
19	5.0	5.5	5.5	7.0	5.5	10.0	7.0	6.5	9.0	8.0	5.0	2.5
20	5.0	5.5	5.5	7.0	5.5	10.0	7.0	6.5	9.0	8.0	5.0	2.5
21	5.0	5.5	5.5	7.0	5.5	10.0	6.5	6.5	9.5	8.0	5.0	2.5
22	5.0	5.5	5.5	7.0	5.5	10.0	6.0	6.5	9.5	8.0	5.0	2.5
23	5.0	5.5	5.5	7.0	5.5	9.5	6.0	6.5	9.5	8.0	5.0	2.0
24	5.0	6.0	5.5	7.0	5.0	9.5	6.0	6.5	10.0	8.0	5.0	2.0
25	5.0	6.0	6.0	7.0	5.0	9.5	6.0	6.5	10.0	8.0	5.0	2.0
26	5.0	6.0	6.0	7.0	5.5	9.5	6.0	6.5	10.0	7.5	4.5	2.0
27	5.0	6.0	6.0	7.0	6.0	9.5	6.0	6.5	10.0	7.5	4.5	2.0
28	5.0	6.0	6.0	7.0	6.5	9.5	6.0	6.5	10.0	7.0	4.5	2.0
29	5.0	-----	6.0	7.0	6.5	9.5	6.0	6.5	10.0	7.0	4.5	2.0
30	5.0	-----	6.0	7.0	7.0	9.5	6.0	6.5	10.0	7.0	4.0	2.0
31	5.0	-----	6.0	-----	7.0	-----	6.0	6.5	-----	7.0	-----	2.0
Mean	5.5	5.0	6.0	6.9	6.2	9.5	7.7	6.3	8.7	8.4	5.6	2.9
Max.	6.0	6.0	7.0	7.0	7.0	10.0	9.0	6.5	10.0	10.0	7.0	4.0
Min.	5.0	4.0	5.5	6.0	5.5	7.5	6.0	6.0	6.5	7.0	4.0	2.0
A. F.	340	284	374	410	387	567	477	383	518	518	334	180
Total Acre Feet	4,777.											

## DISCHARGE IN SECOND FEET, FAIRFIELD SEEP—1923

Sec. 18, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.0	3.5	2.5	3.0	5.0	5.0	6.0	3.5	5.0	10.5	7.0	5.5
2	3.0	3.5	2.5	3.0	5.0	5.0	6.0	3.5	5.0	10.5	7.0	5.5
3	3.0	3.5	2.5	3.0	5.0	5.0	6.0	3.5	5.0	10.5	7.0	5.5
4	3.0	3.5	2.5	3.0	5.0	5.0	6.0	3.5	5.0	10.5	7.0	5.5
5	3.0	3.5	2.5	3.0	5.0	5.0	6.0	3.5	5.0	10.5	7.0	5.5
6	2.5	4.5	2.0	3.5	4.5	5.5	5.5	4.5	5.0	10.0	6.0	5.5
7	2.5	4.5	2.0	3.5	4.5	5.5	5.5	4.5	5.0	10.0	6.0	5.5
8	2.5	4.5	2.0	3.5	4.5	5.5	5.5	4.5	5.0	10.0	6.0	5.5
9	2.5	4.5	2.0	3.5	4.5	5.5	5.5	4.5	5.0	10.0	6.0	5.5
10	2.5	4.5	2.0	3.5	4.5	5.5	5.5	4.5	5.0	10.0	6.0	5.5
11	2.5	5.0	2.0	4.5	4.0	6.0	4.5	6.5	5.5	9.5	5.5	6.0
12	2.5	5.0	2.0	4.5	4.0	6.0	4.5	6.5	5.5	9.5	5.5	6.0
13	2.5	5.0	2.0	4.5	4.0	6.0	4.5	6.5	5.5	9.5	5.5	6.0
14	2.5	5.0	2.0	4.5	4.0	6.0	4.5	6.5	5.5	9.5	5.5	6.0
15	2.5	5.0	2.0	4.5	4.0	6.0	4.5	6.5	5.5	9.5	5.5	6.0
16	2.5	4.5	2.0	5.0	4.0	6.5	4.0	8.0	6.5	9.0	5.0	5.5
17	2.5	4.5	2.0	5.0	4.0	6.5	4.0	8.0	6.5	9.0	5.0	5.5
18	2.5	4.5	2.0	5.0	4.0	6.5	4.0	8.0	6.5	9.0	5.0	5.5
19	2.5	4.5	2.0	5.0	4.0	6.5	4.0	8.0	6.5	9.0	5.0	5.5
20	2.5	4.5	2.0	5.0	4.0	6.5	4.0	8.0	6.5	9.0	5.0	5.5
21	2.5	3.5	2.5	5.5	4.5	6.0	3.0	6.5	7.5	8.5	5.0	5.5
22	2.5	3.5	2.5	3.5	4.5	6.0	3.0	6.5	7.5	8.5	5.0	5.5
23	2.5	3.5	2.5	3.5	4.5	6.0	3.0	6.5	7.5	8.5	5.0	5.5
24	2.5	3.5	2.5	3.5	4.5	6.0	3.0	6.5	7.5	8.5	5.0	5.5
25	2.5	3.5	2.5	3.5	4.5	6.0	3.0	6.5	7.5	8.5	5.0	5.5
26	3.0	3.0	2.5	6.0	4.5	6.0	3.0	5.0	9.0	7.5	5.0	4.5
27	3.0	3.0	2.5	6.0	4.5	6.0	3.0	5.0	9.0	7.5	5.0	4.5
28	3.0	3.0	2.5	6.0	4.5	6.0	3.0	5.0	9.0	7.5	5.0	4.5
29	3.0	-----	2.5	6.0	4.5	6.0	3.0	5.0	9.0	7.5	5.0	4.5
30	3.0	-----	2.5	6.0	4.5	6.0	3.0	5.0	9.0	7.5	5.0	4.5
31	3.0	-----	2.5	-----	4.5	-----	3.0	5.0	-----	7.5	-----	4.5
Mean	2.6	4.1	2.2	4.6	4.3	5.8	4.2	5.6	6.4	9.1	4.7	5.4
Max.	3.0	5.0	2.5	6.0	5.0	6.5	6.0	8.0	9.0	10.5	7.0	6.0
Min.	2.5	3.0	2.0	3.0	4.0	5.0	3.0	3.5	5.0	7.5	5.0	4.5
A. F.	165	226	134	273	263	347	258	347	382	560	278	231
Total Acre Feet	3,464.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, FAIRFIELD SEEP—1924  
Sec. 18, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	4	3	3	4	6	9	10	14	10	6	7
2	4	4	3	3	4	6	9	10	13	10	6	7
3	4	4	3	3	4	6	9	11	14	10	6	7
4	4	4	3	3	4	6	9	11	14	9	6	7
5	4	4	3	3	4	6	9	11	14	9	6	7
6	4	3	3	3	4	6	10	12	14	9	6	7
7	4	3	3	3	4	6	10	12	14	8	6	7
8	4	3	3	3	4	6	10	12	14	8	6	7
9	4	3	3	3	4	6	10	13	14	7	6	7
10	4	3	3	3	4	6	10	13	14	7	6	7
11	4	3	3	3	5	7	9	13	14	7	6	7
12	4	3	3	4	5	7	9	13	14	7	6	7
13	4	3	3	4	5	7	9	13	14	6	6	7
14	4	3	3	4	5	7	9	13	14	6	6	7
15	4	3	3	4	5	7	9	13	14	6	6	7
16	4	3	3	5	5	7	8	13	14	6	6	7
17	4	3	3	5	5	7	8	13	14	6	6	7
18	4	3	3	5	5	7	8	13	14	6	6	7
19	4	3	3	5	5	7	8	13	14	6	6	7
20	4	3	3	5	5	7	8	13	14	6	6	7
21	5	3	3	4	5	8	8	13	13	6	6	7
22	5	3	3	4	5	8	8	13	13	6	6	7
23	5	3	3	4	5	8	8	13	13	6	6	7
24	5	3	3	4	5	8	8	13	12	6	6	7
25	5	3	3	4	5	8	8	13	12	6	6	7
26	6	3	3	4	6	8	8	14	11	6	6	7
27	6	3	3	4	6	8	8	14	11	6	6	7
28	6	3	3	4	6	9	9	14	10	6	6	7
29	6	3	3	4	6	9	9	14	10	6	6	7
30	6	---	3	4	6	9	10	14	10	6	6	7
31	6	---	3	---	6	---	10	14	---	6	---	7
Mean	4	3	3	4	3	7	9	12	13	7	6	7
Max.	6	4	3	6	6	9	10	14	14	10	6	7
Min.	4	3	3	3	4	6	8	10	10	6	6	7
A. F.	280	182	184	230	209	422	543	756	783	426	357	430
Total Acre Feet	4,892.											

DISCHARGE IN SECOND FEET, FAIRFIELD SEEP—1925  
Sec. 18, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
2	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
3	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
4	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
5	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
6	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
7	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
8	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
9	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
10	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
11	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
12	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
13	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
14	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
15	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
16	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
17	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	9.5	2.6	3.0	3.2
18	4.5	6.1	6.8	2.9	2.5	9.2	7.9	8.0	9.5	2.5	3.0	3.2
19	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
20	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
21	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
22	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
23	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
24	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
25	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
26	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
27	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
28	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	5.7	2.6	3.0	3.2
29	4.5	---	6.8	2.9	5.5	9.2	7.9	8.0	5.7	2.6	3.0	3.2
30	4.5	---	6.8	2.9	5.5	9.2	7.9	8.0	5.7	2.6	3.0	3.2
31	4.5	---	6.8	---	5.5	---	7.9	8.0	---	2.6	---	3.2
Mean	4.5	6.1	6.8	2.9	3.5	7.8	7.9	8.0	9.1	2.6	3.0	3.2
Max.	4.5	6.1	6.8	2.9	5.5	9.2	7.9	8.0	9.5	2.6	3.0	3.2
Min.	4.5	6.1	6.8	2.9	2.5	6.5	7.9	8.0	5.7	2.6	3.0	3.2
A. F.	276	339	418	172	230	448	470	492	543	161	178	196
Total Acre Feet	4,021.											

# HYDROGRAPHIC REPORT—1928

563

## DISCHARGE IN SECOND FEET, FAIRFIELD SEEP—1926

Sec. 18, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	4	3	3	3	5	16	14	5	7	2	2
2	5	4	3	3	3	5	16	14	5	7	2	2
3	5	4	3	3	3	5	16	14	5	7	2	2
4	5	4	3	3	3	5	16	14	5	7	2	2
5	5	4	3	3	3	5	16	14	5	7	2	2
6	5	4	3	3	3	5	16	14	5	7	2	2
7	5	4	3	3	3	5	16	14	5	7	2	2
8	5	4	3	3	3	5	16	14	5	7	2	2
9	5	4	3	3	3	5	16	14	5	7	2	2
10	5	4	3	3	3	5	16	14	5	7	2	2
11	5	4	3	3	1	6	16	14	5	7	2	2
12	5	4	3	3	1	6	16	14	5	7	2	2
13	5	4	3	3	1	6	16	14	5	7	2	2
14	5	4	3	3	1	6	16	14	5	7	2	2
15	5	4	3	3	1	6	16	14	5	7	2	2
16	5	4	3	3	1	6	16	14	5	7	2	2
17	5	4	3	3	1	6	16	14	5	7	2	2
18	5	4	3	3	1	6	16	14	5	7	2	2
19	5	4	3	3	1	6	16	14	5	7	2	2
20	5	4	3	3	1	6	16	14	5	7	2	2
21	5	4	3	3	1	3	4	14	5	7	2	2
22	5	4	3	3	1	3	4	14	5	7	2	2
23	5	4	3	3	1	3	4	14	5	7	2	2
24	5	4	3	3	1	3	4	14	5	7	2	2
25	5	4	3	3	1	3	4	14	5	7	2	2
26	5	4	3	3	1	3	4	14	5	7	2	2
27	5	4	3	3	1	3	4	14	5	7	2	2
28	5	4	3	3	1	3	4	14	5	7	2	2
29	5	---	3	3	1	3	4	14	5	7	2	2
30	5	---	3	3	1	3	4	14	5	7	2	2
31	5	---	3	---	1	---	4	14	---	7	---	2
Mean	5	4	3	3	2	5	12	14	5	7	2	2
Max.	5	4	3	3	3	6	16	14	5	7	2	2
Min.	5	4	3	3	1	3	4	14	5	7	2	2
A. F.	307	222	184	178	102	278	722	861	298	430	119	123
Total Acre Feet	3,824.											

## DISCHARGE IN SECOND FEET, FAIRFIELD SEEP—1927

Sec. 18, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	7	8	27	8	4	4	14	5	3	3	1
2	6	7	8	27	8	4	4	14	5	3	3	1
3	6	7	8	27	8	4	4	14	5	3	3	1
4	6	7	8	27	8	4	4	14	5	3	3	1
5	6	7	8	27	8	4	4	14	5	3	3	1
6	6	7	8	27	8	4	4	14	5	3	3	1
7	6	7	8	27	8	4	4	14	5	3	3	1
8	6	7	8	27	8	4	4	14	5	3	3	1
9	6	7	8	27	8	4	4	14	5	3	3	1
10	6	7	8	27	8	4	4	14	5	3	3	1
11	6	7	8	27	8	4	4	8	5	3	3	1
12	6	7	8	27	8	4	4	8	5	3	3	1
13	6	7	8	27	8	4	4	8	5	3	3	1
14	6	7	8	27	8	4	4	8	5	3	3	1
15	6	7	8	27	8	4	4	8	5	3	3	1
16	6	7	8	27	8	4	4	8	5	3	3	1
17	6	7	8	27	8	4	4	8	5	3	3	1
18	6	7	8	27	8	4	4	8	5	3	3	1
19	6	7	8	27	8	4	4	8	5	3	3	1
20	6	7	8	27	8	4	4	8	5	3	3	1
21	6	7	8	34	4	4	4	8	5	3	3	1
22	6	7	8	34	4	4	4	8	5	3	3	1
23	6	7	8	34	4	4	4	8	5	3	3	1
24	6	7	8	34	4	4	4	8	5	3	3	1
25	6	7	8	34	4	4	4	8	5	3	3	1
26	6	7	8	14	4	4	4	8	5	3	3	1
27	6	7	8	14	4	4	4	8	5	3	3	1
28	6	7	8	14	4	4	4	8	5	3	3	1
29	6	---	8	14	4	4	4	8	5	3	3	1
30	6	---	8	14	4	4	4	8	5	3	3	1
31	6	---	8	---	4	---	4	8	---	3	---	1
Mean	6	7	8	26	6	4	4	10	5	3	3	1
Max.	6	7	8	34	8	4	4	14	5	3	3	1
Min.	6	7	8	14	4	4	4	8	5	3	3	1
A. F.	350	389	492	1547	405	238	246	611	297	184	178	61
Total Acre Feet	5,017.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, FAIRFIELD SEEP—1928  
 Sec. 18, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	4	3	4	3	9	8	6	4	4	2	4
2	4	4	3	4	3	9	8	6	4	4	2	4
3	4	4	3	4	3	9	8	6	4	4	2	4
4	4	4	3	4	3	9	8	6	4	4	2	4
5	4	4	3	4	3	9	8	6	4	4	2	4
6	4	4	3	4	3	9	8	6	4	4	2	4
7	4	4	3	4	3	9	8	6	4	4	2	4
8	4	4	3	4	3	9	8	6	4	4	2	4
9	4	4	3	4	3	9	8	6	4	4	2	4
10	4	4	3	4	3	9	8	6	4	4	2	4
11	4	4	3	4	3	9	8	6	4	4	2	4
12	4	4	3	4	3	9	8	6	4	4	2	4
13	4	4	3	4	3	9	8	6	4	4	2	4
14	4	4	3	4	3	9	8	6	4	4	2	4
15	4	4	3	4	3	9	8	6	4	4	2	4
16	4	4	3	4	3	9	8	4	4	4	4	4
17	4	4	3	4	3	9	8	4	4	4	4	4
18	4	4	3	2	3	9	8	4	4	4	4	4
19	4	4	9	2	3	9	8	4	4	4	4	4
20	4	4	9	2	3	9	8	4	4	4	4	4
21	4	4	9	2	3	9	8	4	4	4	4	4
22	4	4	9	2	3	9	8	4	4	4	4	4
23	4	4	9	2	3	9	8	4	4	4	4	4
24	4	4	9	2	3	9	8	4	4	4	4	4
25	4	4	9	2	3	9	8	4	4	4	4	4
26	4	4	9	2	3	9	8	4	4	4	4	4
27	4	4	9	2	3	9	8	4	4	4	4	4
28	4	4	9	2	3	9	8	4	4	4	4	4
29	4	4	9	2	3	9	8	4	4	4	4	4
30	4	—	9	2	3	9	8	4	4	4	4	4
31	4	—	—	—	3	—	8	4	—	4	—	4
Mean	4	4	6	3	3	9	8	5	4	4	3	4
Max.	4	4	9	4	3	9	8	6	4	4	4	4
Min.	4	4	3	2	3	9	8	4	4	4	2	4
A. F.	246	230	339	186	184	535	492	305	238	246	178	246
Total Acre Feet	3,425.											

DISCHARGE IN SECOND FEET, FANNING SEEP—1920  
 Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	4	4	5	8	10	5	4	6	5	3	3
2	4	4	4	5	8	9	5	4	6	5	3	3
3	4	4	4	5	8	9	5	4	6	5	3	3
4	4	4	4	5	8	8	4	5	6	5	3	3
5	4	4	4	4	9	8	4	5	6	5	3	3
6	4	4	4	4	9	7	4	5	6	5	3	3
7	4	4	4	4	9	7	4	6	6	6	3	3
8	5	4	4	4	9	7	4	6	6	6	3	3
9	5	4	4	3	10	7	4	6	5	5	3	3
10	5	4	4	3	10	6	4	6	5	5	2	3
11	5	4	4	3	10	6	4	6	5	5	2	3
12	5	4	4	4	10	6	4	6	5	5	2	3
13	5	4	4	4	10	5	3	7	5	5	2	3
14	5	4	4	4	11	5	3	7	5	5	3	3
15	5	4	4	4	11	5	3	7	5	5	3	3
16	5	3	4	4	11	5	3	7	5	5	3	3
17	5	3	5	5	12	5	3	8	4	5	3	3
18	5	3	5	5	12	5	3	8	4	5	3	3
19	5	3	5	5	12	5	3	8	4	4	3	3
20	5	3	6	5	12	5	3	7	4	4	3	3
21	5	3	6	6	12	5	3	7	4	4	3	3
22	5	4	6	6	12	5	3	7	4	4	3	3
23	5	4	6	6	12	5	3	7	4	4	3	2
24	5	4	6	6	11	5	3	7	4	4	3	2
25	5	4	6	6	11	5	3	7	4	3	3	2
26	5	4	6	6	11	5	3	7	4	3	3	2
27	5	4	6	6	11	5	3	7	4	3	3	2
28	4	4	5	7	10	5	4	7	4	3	3	2
29	4	4	5	7	10	5	4	6	4	3	3	2
30	4	—	5	7	10	5	4	6	4	3	3	2
31	4	—	5	—	10	—	4	6	—	3	—	2
Mean	4	4	4	4	10	6	4	6	4	4	3	3
Max.	5	4	6	7	12	10	5	8	6	5	3	3
Min.	4	3	4	3	7	5	3	4	4	3	2	2
A. F.	286	218	278	295	633	357	222	389	293	289	170	167
Total Acre Feet	3,597.											

# HYDROGRAPHIC REPORT—1928

565

## DISCHARGE IN SECOND FEET, FANNING SEEP—1924

Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	4	2	2	3	3	4	4	5	4	6	5
2	4	4	2	2	3	3	4	4	5	4	6	5
3	4	4	2	2	3	3	4	4	5	4	6	5
4	4	4	2	2	3	3	4	4	5	4	6	5
5	4	4	2	2	3	3	4	4	5	4	6	5
6	4	3	2	2	3	3	4	4	5	4	6	5
7	4	3	2	2	3	3	4	4	5	4	6	5
8	4	3	2	2	3	3	4	4	5	4	6	5
9	4	3	2	2	3	3	4	4	5	4	6	5
10	4	3	2	2	3	3	4	4	5	4	6	5
11	4	2	2	2	3	3	4	5	5	3	6	5
12	4	2	2	2	3	3	4	5	5	3	6	5
13	4	2	2	2	3	3	4	5	5	3	6	5
14	4	2	2	2	3	3	4	5	5	3	6	5
15	4	2	2	2	3	3	4	5	5	3	6	5
16	4	2	2	3	3	3	4	5	4	3	6	5
17	4	2	2	3	3	3	4	5	4	3	6	5
18	4	2	2	3	3	3	4	5	4	3	6	5
19	4	2	2	3	3	3	4	5	4	3	6	5
20	4	2	2	3	3	3	4	5	4	3	6	5
21	4	2	2	3	3	3	4	5	4	5	6	5
22	4	2	2	3	3	3	4	5	4	5	6	5
23	4	2	2	3	3	3	4	5	4	5	6	5
24	4	2	2	3	3	3	4	5	4	4	6	5
25	4	2	2	3	3	3	4	5	4	4	6	5
26	4	2	2	3	3	3	4	5	4	5	6	5
27	4	2	2	3	3	4	4	5	4	5	6	5
28	4	2	2	3	3	4	4	5	4	5	6	5
29	4	2	2	3	3	4	4	5	4	5	6	5
30	4	.....	2	3	3	4	4	5	4	5	6	5
31	4	.....	2	.....	3	.....	4	5	.....	5	.....	5
Mean	4	3	2	3	3	3	4	5	5	4	6	5
Max.	4	4	2	3	3	4	4	5	5	5	6	5
Min.	4	2	2	2	3	3	4	4	4	3	6	5
A. F.	246	153	123	149	185	188	246	278	268	248	357	307
Total Acre Feet	2,748.											

## DISCHARGE IN SECOND FEET, FANNING SEEP—1925

Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
2	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
3	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
4	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
5	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
6	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
7	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
8	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
9	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
10	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
11	4.0	4.0	4.0	4.0	4.0	3.0	5.0	3.0	4.4	4.0	4.0	4.0
12	4.0	4.0	4.0	4.0	4.0	3.0	5.0	3.0	4.4	4.0	4.0	4.0
13	4.0	4.0	4.0	4.0	4.0	3.0	5.0	3.0	4.4	4.0	4.0	4.0
14	4.0	4.0	4.0	4.0	4.0	3.0	5.0	3.0	4.4	4.0	4.0	4.0
15	4.0	4.0	4.0	4.0	4.0	3.0	5.0	3.0	4.4	4.0	4.0	4.0
16	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
17	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
18	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
19	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
20	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
21	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
22	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
23	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
24	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
25	4.0	4.0	4.0	4.0	4.0	3.0	4.5	3.0	4.4	4.0	4.0	4.0
26	4.0	4.0	4.0	4.0	4.0	3.0	3.2	3.0	4.4	4.0	4.0	4.0
27	4.0	4.0	4.0	4.0	4.0	3.0	3.2	3.0	4.4	4.0	4.0	4.0
28	4.0	4.0	4.0	4.0	4.0	3.0	3.2	3.0	4.4	4.0	4.0	4.0
29	4.0	.....	4.0	4.0	4.0	3.0	3.2	3.0	4.4	4.0	4.0	4.0
30	4.0	.....	4.0	4.0	4.0	3.0	3.2	3.0	4.4	4.0	4.0	4.0
31	4.0	.....	4.0	.....	4.0	.....	3.2	3.0	.....	4.0	.....	4.0
Mean	4.0	4.0	4.0	4.0	4.0	3.5	4.5	3.0	4.4	4.0	4.0	4.0
Max.	4.0	4.0	4.0	4.0	4.0	4.5	5.5	3.0	4.4	4.0	4.0	4.0
Min.	4.0	4.0	4.0	4.0	4.0	3.0	3.2	3.0	4.4	4.0	4.0	4.0
A. F.	246	222	246	238	246	208	280	184	262	246	238	246
Total Acre Feet	2,862.											



# HYDROGRAPHIC REPORT—1928

567

## DISCHARGE IN SECOND FEET, FANNING SEEP—1928

Sec. 28, Twp. 23, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	9	9	8	11	12	15	9	12	15	8	12
2	8	9	9	8	11	12	15	9	12	15	8	12
3	8	9	9	8	11	12	15	9	12	15	8	12
4	8	9	9	8	11	12	15	9	12	15	8	12
5	8	9	9	8	11	12	15	9	12	15	8	12
6	8	9	9	8	11	12	15	9	12	15	8	12
7	8	9	9	8	11	12	15	9	12	15	8	12
8	8	9	9	8	11	12	15	9	12	15	8	12
9	8	9	9	8	11	12	15	9	12	15	8	12
10	8	9	9	8	11	12	15	9	12	15	8	12
11	8	9	9	8	11	12	15	9	12	15	8	12
12	8	9	9	8	11	12	15	9	12	15	8	12
13	8	9	9	8	11	12	15	9	12	15	8	12
14	8	9	9	8	11	12	15	9	12	15	8	12
15	8	9	9	8	11	12	15	9	12	15	8	12
16	8	9	9	8	11	15	15	9	15	15	8	12
17	8	9	9	8	11	15	15	9	15	15	8	12
18	8	9	9	8	11	15	15	9	15	15	8	12
19	8	9	9	8	11	15	15	9	15	15	8	12
20	8	9	9	8	11	15	15	9	15	15	8	12
21	8	9	9	8	11	15	10	9	15	15	8	12
22	8	9	9	8	11	15	10	9	15	15	8	12
23	8	9	9	8	11	15	10	9	15	15	8	12
24	8	9	9	8	11	15	10	9	15	15	8	12
25	8	9	9	8	11	15	10	9	15	15	8	12
26	8	9	9	8	11	15	10	9	15	15	8	12
27	8	9	9	8	11	15	10	9	15	15	8	12
28	8	9	9	8	11	15	10	9	15	15	8	12
29	8	9	9	8	11	15	10	9	15	15	8	12
30	8	---	9	8	11	15	10	9	15	15	8	12
31	8	---	9	---	11	---	10	9	---	15	---	12
Mean	8	9	9	8	11	13	12	9	13	15	8	12
Max.	8	9	9	8	11	15	15	9	15	15	8	12
Min.	8	9	9	8	11	12	10	9	12	15	8	12
A. F.	492	518	553	476	676	803	754	553	803	922	476	738
Total Acre Feet	7,764.											

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER ABOVE MARANVILLE

RESERVOIR—1926

Sec. 10, Twp. 6, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7	7	4	4	4	3	4	3	4	4	4	4
2	7	7	4	4	4	3	4	3	4	4	4	4
3	7	7	4	4	4	3	4	3	4	4	4	4
4	7	7	4	4	4	3	4	3	4	4	4	4
5	7	7	4	4	4	3	4	3	4	4	4	4
6	7	7	4	4	4	3	4	3	4	4	4	4
7	7	7	4	4	4	3	4	3	4	4	4	4
8	7	7	4	4	4	3	4	3	4	4	4	4
9	7	7	4	4	4	3	4	3	4	4	4	4
10	7	7	4	4	4	3	4	3	4	4	4	4
11	7	7	4	4	4	3	4	3	4	4	4	4
12	7	7	4	4	4	3	4	3	4	4	4	4
13	7	7	4	4	4	3	4	3	4	4	4	4
14	7	7	4	4	4	3	4	3	4	4	4	4
15	7	7	4	4	4	3	4	3	4	4	4	4
16	7	4	4	4	4	3	4	3	4	4	4	4
17	7	4	4	4	4	3	4	3	4	4	4	4
18	7	4	4	4	4	3	4	3	4	4	4	4
19	7	4	4	4	4	3	4	3	4	4	4	4
20	7	4	4	4	4	3	4	3	4	4	4	4
21	7	4	4	3	4	4	4	3	4	4	4	4
22	7	4	4	3	4	4	4	3	4	4	4	4
23	7	4	4	3	4	4	4	3	4	4	4	4
24	7	4	4	3	4	4	4	3	4	4	4	4
25	7	4	4	3	4	4	4	3	4	4	4	4
26	7	4	4	3	4	4	4	3	4	4	4	4
27	7	4	4	3	4	4	4	3	4	4	4	4
28	7	4	4	3	4	4	4	3	4	4	4	4
29	7	---	4	3	4	4	4	3	4	4	4	4
30	7	---	4	3	4	4	4	3	4	4	4	4
31	7	---	4	---	4	---	4	3	---	4	---	4
Mean	7	5	4	4	4	3	4	3	4	4	4	4
Max.	7	7	4	4	4	4	4	3	4	4	4	4
Min.	7	4	4	3	4	3	4	3	4	4	4	4
A. F.	430	510	247	218	246	198	246	184	238	246	238	246
Total Acre Feet	3,247.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER ABOVE MARANVILLE  
RESERVOIR—1927

Sec. 10, Twp. 6, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
2	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
3	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
4	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
5	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
6	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
7	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
8	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
9	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
10	3.0	3.8	5.7	6.0	5.2	3.4	4.5	3.3	3.8	4	4.8	4
11	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
12	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
13	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
14	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
15	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
16	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
17	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
18	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
19	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
20	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.1	3.8	4	4.8	4
21	3.0	3.8	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
22	3.0	3.8	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
23	3.0	3.8	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
24	3.0	3.8	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
25	3.0	3.8	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
26	3.0	3.8	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
27	3.0	3.8	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
28	3.0	3.8	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
29	3.0	.....	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
30	3.0	.....	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
31	3.0	.....	5.7	.....	4.4	.....	3.9	3.1	.....	4	.....	4
Mean	3.0	3.8	5.7	5.5	4.9	3.4	4.3	3.2	3.6	4	4.8	4
Max.	3.0	3.8	5.7	7.6	5.2	3.4	4.5	3.3	3.8	4	4.8	4
Min.	3.0	3.8	5.7	2.9	4.4	3.4	3.9	3.1	3.4	4	4.8	4
A. F.	184	210	351	327	301	167	264	194	218	246	285	246
Total Acre Feet	2,993.											

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER ABOVE MARANVILLE  
RESERVOIR—1928

Sec. 10, Twp. 6, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	4	3	3	4	4	5	5	4	4	13	5
2	5	4	3	3	4	4	5	5	4	4	13	5
3	5	4	3	3	4	4	5	5	4	4	13	5
4	5	4	3	3	4	4	5	5	4	4	13	5
5	5	4	3	3	4	4	5	5	4	4	13	5
6	5	4	3	3	4	4	5	5	4	4	13	5
7	5	4	3	3	4	4	5	5	4	4	13	5
8	5	4	3	3	4	4	5	5	4	4	13	5
9	5	4	3	3	4	4	5	5	4	4	13	5
10	5	4	3	3	4	4	5	5	4	4	13	5
11	5	4	3	3	4	4	5	5	4	4	13	5
12	5	4	3	3	4	4	5	5	4	4	13	5
13	5	4	3	3	4	4	5	5	4	4	13	5
14	5	4	3	3	4	4	5	5	4	4	13	5
15	5	4	3	3	4	4	5	5	4	4	13	5
16	5	4	5	3	4	23	7	5	3	4	4	5
17	5	4	5	3	4	23	7	5	3	4	4	5
18	5	4	5	3	4	23	7	5	3	4	4	5
19	5	4	5	3	4	23	7	5	3	4	4	5
20	5	4	5	3	4	23	7	5	3	4	4	5
21	5	4	5	3	4	23	7	5	3	4	4	5
22	5	4	5	3	4	23	7	5	3	4	4	5
23	5	4	5	3	4	23	7	5	3	4	4	5
24	5	4	5	3	4	23	7	5	3	4	4	5
25	5	4	5	3	4	23	7	5	3	4	4	5
26	5	4	5	3	4	5	7	5	4	4	4	5
27	5	4	5	3	4	5	7	5	4	4	4	5
28	5	4	5	3	4	5	7	5	4	4	4	5
29	5	4	5	3	4	5	7	5	4	4	4	5
30	5	.....	5	3	4	5	7	5	4	4	4	5
31	5	.....	5	.....	4	.....	7	5	.....	4	.....	5
Mean	5	4	4	3	4	11	6	5	4	4	7	5
Max.	5	4	5	3	4	23	7	5	4	4	13	5
Min.	5	4	3	3	4	4	5	5	3	4	4	5
A. F.	307	151	238	178	246	645	371	307	210	246	387	307
Total Acre Feet	3,593.											

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW MARANVILLE DAM—1924**

Sec. 13, Twp. 6, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	* May	June	July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	10	10	8	6	5	2	1	1	1	5	10	10
2	10	10	8	6	5	2	1	1	1	5	10	10
3	10	10	8	6	5	2	1	1	1	5	10	10
4	10	10	8	6	5	2	1	1	1	5	10	10
5	10	10	8	6	5	2	1	1	1	5	10	10
6	10	10	8	6	5	2	1	1	1	5	10	10
7	10	10	8	6	5	2	1	1	1	5	10	10
8	10	10	8	6	5	2	1	1	1	5	10	10
9	10	10	8	6	5	2	1	1	1	5	10	10
10	10	10	8	6	5	2	1	1	1	5	10	10
11	10	10	7	6	4	2	1	1	1	5	10	10
12	10	10	7	6	4	2	1	1	1	5	10	10
13	10	10	7	6	4	2	1	1	1	5	10	10
14	10	10	7	6	4	2	1	1	1	5	10	10
15	10	10	7	6	4	2	1	1	1	5	10	10
16	10	8	7	5	4	2	1	1	1	5	10	10
17	10	8	7	6	4	2	1	1	1	5	10	10
18	10	8	7	6	4	2	1	1	1	5	10	10
19	10	8	7	6	4	2	1	1	1	5	10	10
20	10	8	7	6	4	2	1	1	1	5	10	10
21	10	8	6	5	2	1	1	1	1	5	10	10
22	10	8	6	5	2	1	1	1	1	5	10	10
23	10	8	6	5	2	1	1	1	1	5	10	10
24	10	8	6	5	2	1	1	1	1	5	10	10
25	10	8	6	5	2	1	1	1	1	5	10	10
26	10	8	6	5	2	1	1	1	1	5	10	10
27	10	8	6	5	2	1	1	1	1	5	10	10
28	10	8	6	5	2	1	1	1	1	5	10	10
29	10	8	6	5	2	1	1	1	1	5	10	10
30	10	---	6	5	2	1	1	1	1	5	10	10
31	10	---	6	---	2	---	1	1	---	5	---	10
Mean	10	9	7	6	4	2	1	1	1	5	10	10
Max.	10	10	8	6	5	2	1	1	1	5	10	10
Min.	10	8	6	5	2	1	1	1	1	5	10	10
A. F.	614	504	428	327	222	99	61	61	59	297	595	614

Total Acre Feet 3,881.

\*Estimated.

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW MARANVILLE DAM—1925**

Sec. 13, Twp. 6, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.8	12.0	15.0	13.5	10.0	6.1	0.1	0.1	0.2	10.0	10.3	10.0
2	8.8	12.0	15.0	13.5	10.0	6.1	.1	.1	.2	10.0	10.3	10.0
3	8.8	12.0	15.0	13.5	10.0	6.1	.1	.1	.2	10.0	10.3	10.0
4	8.8	12.0	15.0	13.5	10.0	6.1	.1	.1	.2	10.0	10.3	10.0
5	8.8	12.0	15.0	13.5	10.0	6.1	.1	.1	.2	10.0	10.3	10.0
6	8.8	12.0	15.0	13.5	10.0	6.1	.1	.1	.2	10.0	10.3	10.0
7	8.8	12.0	15.0	13.5	10.0	6.1	.1	.1	.2	10.0	10.3	10.0
8	8.8	12.0	15.0	13.5	10.0	6.1	.1	.1	.2	10.0	10.3	10.0
9	8.8	12.0	15.0	13.5	10.0	6.1	.1	.1	.2	10.0	10.3	10.0
10	8.8	12.0	15.0	13.5	10.0	6.1	.1	.1	.2	10.0	10.3	10.0
11	8.8	15.0	10.4	13.5	10.0	6.1	.1	.1	.1	14.8	10.3	10.0
12	8.8	15.0	10.4	13.5	10.0	6.1	.1	.1	.1	14.8	10.3	10.0
13	8.8	15.0	10.4	13.5	10.0	6.1	.1	.1	.1	14.8	10.3	10.0
14	8.8	15.0	10.4	13.5	10.0	6.1	.1	.1	.1	14.8	10.3	10.0
15	8.8	15.0	10.4	13.5	10.0	6.1	.1	.1	.1	14.8	10.3	10.0
16	8.8	20.3	10.4	13.5	10.0	6.1	.1	.4	.1	14.8	10.3	10.0
17	8.8	20.3	10.4	13.5	10.0	6.1	.1	.4	.1	14.8	10.3	10.0
18	8.8	20.3	10.4	13.5	10.0	6.1	.1	.4	.1	14.8	10.3	10.0
19	8.8	20.3	10.4	13.5	10.0	6.1	.1	.4	.1	14.8	10.3	10.0
20	8.8	20.3	10.4	13.5	10.0	6.1	.1	.4	.1	14.8	10.3	10.0
21	8.8	20.3	10.4	13.5	10.0	2.0	.1	.4	2.0	12.0	10.3	10.0
22	8.8	20.3	10.4	13.5	10.0	2.0	.1	.4	2.0	12.0	10.3	10.0
23	8.8	20.3	10.4	13.5	10.0	2.0	.1	.4	2.0	12.0	10.3	10.0
24	8.8	20.3	10.4	13.5	10.0	2.0	2.9	.4	2.0	12.0	10.3	10.0
25	8.8	20.3	10.4	13.5	10.0	2.0	2.9	.4	2.0	12.0	10.3	10.0
26	8.8	20.3	10.4	13.5	10.0	2.0	3.7	.2	2.0	12.0	10.3	10.0
27	8.8	20.3	10.4	13.5	10.0	2.0	3.7	.2	2.0	12.0	10.3	10.0
28	8.8	20.3	10.4	13.5	10.0	2.0	4.7	.2	2.0	12.0	10.3	10.0
29	8.8	-----	10.4	13.5	10.0	2.0	4.0	.2	2.0	12.0	10.3	10.0
30	8.8	-----	10.4	13.5	10.0	2.0	2.0	.2	2.0	12.0	10.3	10.0
31	8.8	-----	10.4	-----	10.0	-----	2.0	.2	-----	12.0	-----	10.0
Mean	8.8	16.4	11.8	13.5	10.0	3.7	0.9	0.2	0.8	12.2	10.3	10.0
Max.	8.8	20.3	15.0	13.5	10.0	6.1	4.7	.4	2.0	14.8	10.3	10.0
Min.	8.8	12.0	10.4	13.5	10.0	2.0	.1	.1	.1	10.0	10.3	10.0
A. F.	541	910	731	803	615	282	54	13	46	754	613	615

Total Acre Feet 5,977.



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW MARANVILLE DAM—1926

Sec. 13, Twp. 6, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.0	4.0	6.0	4.0	0.1	0.1	0.3	0.2	4.0	4.0	2.0	*
2	8.0	4.0	6.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
3	8.0	4.0	6.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
4	8.0	4.0	6.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
5	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
6	8.0	4.0	6.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
7	8.0	4.0	6.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
8	8.0	4.0	6.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
9	8.0	4.0	6.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
10	8.0	4.0	6.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
11	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
12	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
13	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
14	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
15	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
16	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
17	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
18	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
19	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
20	8.0	4.0	5.0	4.0	.1	.1	.3	.2	4.0	4.0	2.0	—
21	8.0	4.0	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
22	8.0	4.0	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
23	8.0	4.0	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
24	8.0	4.0	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
25	8.0	4.0	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
26	8.0	4.0	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
27	8.0	4.0	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
28	8.0	4.0	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
29	8.0	-----	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
30	8.0	-----	3.0	.3	.3	.3	.3	.3	4.0	4.0	2.0	—
31	8.0	-----	3.0	-----	.3	-----	.3	.3	-----	4.0	-----	-----
Mean	8.0	4.0	4.0	3.0	0.2	0.1	0.3	0.2	4.0	4.0	2.0	-----
Max.	8.0	4.0	6.0	4.0	.3	.3	.3	.3	4.0	4.0	2.0	-----
Min.	8.0	4.0	3.0	.3	.1	.1	.3	.2	4.0	4.0	2.0	-----
A. F.	492	222	283	165	10	10	18	14	238	246	119	-----

\*No Record.

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW MARANVILLE DAM—1927

Sec. 13, Twp. 6, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.0	4.2	6.2	8.3	0.2	0.5	0.5	0.5	0.5	5	4	5
2	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
3	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
4	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
5	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
6	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
7	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
8	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
9	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
10	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
11	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
12	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
13	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
14	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
15	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
16	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
17	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
18	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
19	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
20	4.0	4.2	6.2	8.3	.2	.5	.5	.5	.5	5	4	5
21	4.0	4.2	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
22	4.0	4.2	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
23	4.0	4.2	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
24	4.0	4.2	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
25	4.0	4.2	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
26	4.0	4.2	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
27	4.0	4.2	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
28	4.0	4.2	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
29	4.0	-----	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
30	4.0	-----	6.2	1.7	.3	.5	1.5	.5	6.0	5	5	5
31	4.0	-----	6.2	-----	.3	-----	1.5	.5	-----	5	-----	5
Mean	4.0	4.2	6.2	6.0	0.2	0.5	0.9	0.5	2.6	5	4.3	5
Max.	4.0	4.2	6.2	8.3	.3	.5	1.5	.5	6.0	5	5	5
Min.	4.0	4.2	6.2	1.7	.2	.5	.5	.5	.5	5	4	5
A. F.	246	234	380	363	14	29	53	30	138	307	257	307

Total Acre Feet 2,358.

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW MARANVILLE DAM—1928**

Sec. 12, Twp. 6, Rge. 41 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	4	5	5	1	1	0	1	1	8	2	3
2	6	4	5	5	1	1	0	1	1	8	2	3
3	6	4	5	5	1	1	0	1	1	8	2	3
4	6	4	5	5	1	1	0	1	1	8	2	3
5	6	4	5	5	1	1	0	1	1	8	2	3
6	6	4	5	5	1	1	0	1	1	8	2	3
7	6	4	5	5	1	1	0	1	1	8	2	3
8	6	4	5	5	1	1	0	1	1	8	2	3
9	6	4	5	5	1	1	0	1	1	8	2	3
10	6	4	5	5	1	1	0	1	1	8	2	3
11	6	4	5	5	1	1	0	1	1	8	2	3
12	6	4	5	5	1	1	0	1	1	8	2	3
13	6	4	5	5	1	1	0	1	1	8	2	3
14	6	4	5	5	1	1	0	1	1	8	2	3
15	6	4	5	5	1	1	0	1	1	8	2	3
16	6	4	6	5	1	19	0	1	1	8	4	3
17	6	4	6	5	1	19	0	1	1	8	4	3
18	6	4	6	5	1	19	0	1	1	8	4	3
19	6	4	6	5	1	19	0	1	1	8	4	3
20	6	4	6	5	1	19	0	1	1	8	4	3
21	6	4	6	5	1	19	18	1	1	8	4	3
22	6	4	6	5	1	19	18	1	1	8	4	3
23	6	4	6	5	1	19	18	1	1	8	4	3
24	6	4	6	5	1	19	18	1	1	8	4	3
25	6	4	6	5	1	19	18	1	1	8	4	3
26	6	4	6	5	1	1	18	1	1	8	4	3
27	6	4	6	5	1	1	18	1	1	8	4	3
28	6	4	6	5	1	1	18	1	1	8	4	3
29	6	4	6	5	1	1	18	1	1	8	4	3
30	6	4	6	5	1	1	18	1	1	8	4	3
31	6	4	6	5	1	1	18	1	1	8	4	3
Mean	6	4	5	5	1	7	6	1	1	8	3	3
Max.	6	4	6	5	1	19	18	1	1	8	4	3
Min.	6	4	5	5	1	1	0	1	1	8	2	3
A. F.	369	236	327	297	60	416	357	60	59	492	178	184
Total Acre Feet	3,029.											

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW INMAN DIVERSION—1928**

Sec. 17, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17	19	22	21	6	4	3	9	10	16	17	16
2	17	19	22	20	6	4	3	9	10	16	17	16
3	17	19	22	19	6	4	3	10	10	17	17	16
4	17	19	22	19	6	4	3	10	10	17	17	16
5	17	19	22	18	6	4	3	10	10	17	17	16
6	17	19	23	17	6	4	3	10	10	18	17	16
7	17	19	23	16	6	4	3	10	10	18	17	16
8	17	19	23	15	6	4	3	10	10	18	17	16
9	17	19	23	14	6	4	3	10	10	19	17	16
10	17	19	23	13	6	4	3	10	10	19	17	16
11	17	20	24	13	5	4	3	10	10	21	16	16
12	17	20	24	12	5	4	3	10	10	21	16	16
13	17	20	24	12	5	4	3	10	10	21	16	16
14	17	20	24	11	5	4	3	10	10	21	16	16
15	17	20	24	11	5	4	3	10	10	21	16	16
16	17	20	24	10	5	4	4	10	10	21	16	16
17	17	20	24	10	5	4	4	10	10	21	16	16
18	17	20	24	10	5	4	4	10	10	21	16	16
19	17	20	24	10	5	4	4	10	10	21	16	16
20	17	20	24	10	5	4	4	10	10	21	16	16
21	16	21	25	9	4	4	4	10	11	20	16	16
22	16	21	25	9	4	4	4	10	11	20	16	16
23	16	21	25	9	4	4	4	10	12	20	16	16
24	16	21	24	9	4	4	4	10	12	20	16	16
25	16	21	24	9	4	4	4	10	13	20	16	16
26	16	21	23	7	4	4	4	10	13	18	16	16
27	16	21	23	7	4	4	5	10	14	18	16	16
28	16	21	23	7	4	4	5	10	14	18	16	16
29	16	21	22	7	4	4	6	10	15	18	16	16
30	16	21	22	7	4	4	7	10	15	18	16	16
31	16	21	22	7	4	4	8	10	15	18	16	16
Mean	16.1	19.9	23.3	12.0	4.9	4	3.2	9.3	11	19.1	16.3	16
Max.	17	21	25	21	6	4	8	10	15	21	17	16
Min.	16	19	22	7	4	4	3	9	10	16	16	16
A. F.	992	1107	1434	716	305	238	798	611	655	1176	971	984
Total Acre Feet	9,387.											

## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW INMAN

## DIVERSION—1924

Sec. 17, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	12	12	21	10	15	3	9	7	10	12	12
2	12	12	12	21	10	15	3	9	7	10	12	12
3	12	12	12	21	10	15	3	9	7	10	12	12
4	12	12	12	21	10	15	3	9	7	10	12	12
5	12	12	12	21	10	15	3	9	7	10	12	12
6	12	12	12	21	10	15	3	9	7	10	12	12
7	12	12	12	21	10	15	3	9	7	10	12	12
8	12	12	12	21	10	15	3	9	7	10	12	12
9	12	12	12	21	10	15	3	9	7	10	12	12
10	12	12	12	21	10	15	3	9	7	10	12	12
11	12	12	15	14	10	10	3	7	7	10	12	12
12	12	12	15	14	10	10	3	7	7	10	12	12
13	12	12	15	14	10	10	3	7	7	10	12	12
14	12	12	15	14	10	10	3	7	7	10	12	12
15	12	12	15	14	10	10	3	7	7	10	12	12
16	12	12	15	14	10	10	3	7	7	10	12	12
17	12	12	15	14	10	10	3	7	7	10	12	12
18	12	12	15	14	10	10	3	7	7	10	12	12
19	12	12	15	14	10	10	3	7	7	10	12	12
20	12	12	15	14	10	10	3	7	7	10	12	12
21	12	12	15	6	10	3	9	7	7	10	12	12
22	12	12	15	6	10	3	9	7	7	10	12	12
23	12	12	15	6	10	3	9	7	7	10	12	12
24	12	12	15	6	10	3	9	7	7	10	12	12
25	12	12	15	6	10	3	9	7	7	10	12	12
26	12	12	15	6	10	3	9	7	7	10	12	12
27	12	12	15	6	10	3	9	7	7	10	12	12
28	12	12	15	6	10	3	9	7	7	10	12	12
29	12	12	15	6	10	3	9	7	7	10	12	12
30	12	---	15	6	10	3	9	7	7	10	12	12
31	12	---	15	---	10	---	9	7	---	10	---	12
Mean	12	12	14	13	10	13	5	8	7	10	12	12
Max.	12	12	15	21	10	15	9	9	7	10	12	12
Min.	12	12	12	6	10	3	3	7	7	10	12	12
A. F.	738	690	862	813	614	555	315	470	416	614	714	737
Total Acre Feet	7,538.											

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW INMAN

## DIVERSION—1925

Sec. 17, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	23	41	20	20	14	24	7	8	7	15	23	22
2	23	41	20	20	14	24	7	8	7	15	23	22
3	23	41	20	20	14	24	7	8	7	15	23	22
4	23	41	20	20	14	24	7	8	7	15	23	22
5	23	41	20	20	14	24	7	8	7	15	23	22
6	23	41	20	20	14	24	7	8	7	15	23	22
7	23	41	20	20	14	24	7	8	7	15	23	22
8	23	41	20	20	14	24	7	8	7	15	23	22
9	23	41	20	20	14	24	7	8	7	15	23	22
10	23	41	20	20	14	24	7	8	7	15	23	22
11	23	41	20	20	14	12	7	7	8	15	22	22
12	23	41	20	20	14	12	7	7	8	15	22	22
13	23	41	20	20	14	12	12	7	8	15	22	22
14	23	41	20	20	14	12	12	7	8	15	22	22
15	23	41	20	20	14	12	12	7	8	15	22	22
16	23	41	20	20	14	12	12	7	8	15	22	22
17	23	41	20	12	14	12	12	7	8	15	22	22
18	23	41	20	12	14	12	12	7	8	15	22	22
19	23	41	20	12	14	12	12	7	8	15	22	22
20	23	41	20	12	14	12	12	7	8	15	22	22
21	23	41	20	12	14	2	6	7	8	15	22	22
22	23	41	20	12	14	2	6	7	8	15	22	22
23	23	41	20	12	14	2	6	7	8	15	22	22
24	23	41	20	12	14	2	14	7	8	15	22	22
25	23	41	20	12	14	2	14	7	8	15	22	22
26	23	41	20	12	14	2	14	7	8	15	22	22
27	23	41	20	12	14	2	14	7	8	15	22	22
28	23	41	20	12	14	2	14	7	8	15	22	22
29	23	---	20	12	14	2	18	7	8	15	22	22
30	23	---	20	12	14	2	18	7	8	15	22	22
31	23	---	20	---	14	---	18	7	---	15	---	22
Mean	23	41	20	16	14	13	15	7	7	15	22	22
Max.	23	41	20	20	14	24	18	8	8	15	23	22
Min.	23	41	20	12	14	2	6	7	7	15	22	22
A. F.	1414	2277	1229	952	861	754	647	450	456	922	1329	1353
Total Acre Feet	12,644.											

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW INMAN DIVERSION—1927

Date	Sec. 17, Twp. 6, Rge. 40 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
2	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
3	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
4	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
5	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
6	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
7	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
8	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
9	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
10	20	20	18.2	21.3	4.2	2.5	5.3	1.3	9.9	12	17	20
11	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
12	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
13	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
14	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
15	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
16	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
17	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
18	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
19	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
20	20	20	18.2	21.3	4.2	2.5	5.3	6.9	9.9	12	17	20
21	20	20	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
22	20	20	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
23	20	20	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
24	20	20	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
25	20	20	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
26	20	20	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
27	20	20	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
28	20	20	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
29	20	---	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
30	20	---	18.2	10.8	1.0	2.5	1.3	6.9	10.6	12	17	20
31	20	---	18.2	---	1.0	---	1.3	6.9	---	12	---	20
Mean	20	20	18.2	18.2	3.1	2.5	3.8	5.1	10.2	12	17	20
Max.	20	20	18.2	21.3	4.2	2.5	5.3	6.9	10.6	12	17	20
Min.	20	20	18.2	10.8	1.0	2.5	1.3	1.3	9.9	12	17	20
A. F.	1229	1110	1118	1081	188	149	238	313	414	737	1011	1229
Total Acre Feet	8,817.											

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW INMAN DIVERSION—1928

Date	Sec. 17, Twp. 6, Rge. 40 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	21	14	15	5	11	11	14	15	17	15	17	12
2	21	14	15	5	11	11	14	15	17	15	17	12
3	21	14	15	5	11	11	14	15	17	15	17	12
4	21	14	15	5	11	11	14	15	17	15	17	12
5	21	14	15	5	11	11	14	15	17	15	17	12
6	21	14	15	5	11	11	14	15	17	15	17	12
7	21	14	15	5	11	11	14	15	17	15	17	12
8	21	14	15	5	11	11	14	15	17	15	17	12
9	21	14	15	5	11	11	14	15	17	15	17	12
10	21	14	15	5	11	11	14	15	17	15	17	12
11	21	14	15	5	11	56	14	15	17	15	17	12
12	21	14	15	5	11	56	14	15	17	15	17	12
13	21	14	15	5	11	56	14	15	17	15	17	12
14	21	14	15	5	11	56	14	15	17	15	17	12
15	21	14	15	5	11	56	14	15	17	15	17	12
16	21	14	15	5	11	56	14	15	17	15	17	12
17	21	14	15	5	11	56	56	15	12	15	16	12
18	21	14	15	5	11	56	56	15	12	15	16	12
19	21	14	15	5	11	56	56	15	12	15	16	12
20	21	14	15	5	11	56	56	15	12	15	16	12
21	21	14	15	5	11	14	56	15	12	15	16	12
22	21	14	15	5	11	14	56	15	12	15	16	12
23	21	14	15	5	11	14	56	15	12	15	16	12
24	21	14	15	5	11	14	56	15	12	15	16	12
25	21	14	15	5	11	14	56	15	12	15	16	12
26	21	14	15	5	11	14	56	15	14	15	16	12
27	21	14	15	5	11	14	56	15	14	15	16	12
28	21	14	15	5	11	14	56	15	14	15	16	12
29	21	14	15	5	11	14	56	15	14	15	16	12
30	21	---	15	5	11	14	56	15	14	15	16	12
31	21	---	15	---	11	---	56	15	---	15	---	12
Mean	21	14	15	5	11	27	34	15	14	15	16	12
Max.	21	14	15	5	11	56	56	15	17	15	17	12
Min.	21	14	15	5	11	14	14	15	12	15	16	12
A. F.	1291	805	922	297	676	1607	2083	922	883	922	982	738
Total Acre Feet	12,128.											

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW KILPATRICK'S  
DIVERSION—1925**

Sec. 23, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	24	12	8	8	8	29	1.0	11	19	8	8	8
2	24	12	8	8	8	29	1.0	11	19	8	8	8
3	24	12	8	8	8	29	1.0	11	19	8	8	8
4	24	12	8	8	8	29	1.0	11	19	8	8	8
5	24	12	8	8	8	29	1.0	11	19	8	8	8
6	24	12	8	8	8	29	1.0	11	19	8	8	8
7	24	12	8	8	8	29	1.0	11	19	8	8	8
8	24	12	8	8	8	29	1.0	11	19	8	8	8
9	24	12	8	8	8	29	1.0	11	19	8	8	8
10	24	12	8	8	8	29	1.0	11	19	8	8	8
11	24	8	8	8	8	10	.5	2	17	8	8	8
12	24	8	8	8	8	10	.5	2	17	8	8	8
13	24	8	8	8	8	10	1.0	2	17	8	8	8
14	24	8	8	8	8	10	1.0	2	17	8	8	8
15	24	8	8	8	8	10	14.0	2	17	8	8	8
16	24	8	8	8	8	10	1.0	2	17	8	8	8
17	24	8	8	8	8	10	1.0	2	17	8	8	8
18	24	8	8	8	8	10	1.0	2	17	8	8	8
19	24	8	8	8	8	10	1.0	2	17	8	8	8
20	24	8	8	8	8	10	1.0	2	17	8	8	8
21	24	8	8	8	8	3	1.0	8	12	8	8	8
22	24	8	8	8	8	3	8.0	8	12	8	8	8
23	24	8	8	8	8	3	17.0	8	12	8	8	8
24	24	8	8	8	8	3	17.0	8	12	8	8	8
25	24	8	8	8	8	3	19.0	8	12	8	8	8
26	24	8	8	8	8	3	21.0	8	12	8	8	8
27	24	8	8	8	8	3	21.0	8	12	8	8	8
28	24	8	8	8	8	3	23.0	8	12	8	8	8
29	24	---	8	8	8	3	23.0	8	12	8	8	8
30	24	---	8	8	8	3	22.0	8	12	8	8	8
31	24	---	8	---	8	---	22.0	8	---	8	---	8
Mean	24	9	8	8	8	14	7.2	7	16	8	8	8
Max.	24	12	8	8	8	29	23.0	11	19	8	8	8
Min.	24	8	8	8	8	3	.5	2	12	8	8	8
A. F.	1476	524	492	476	492	833	444	432	952	492	476	492
Total Acre Feet	7,581.											

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW KILPATRICK'S  
DIVERSION—1926**

Sec. 23, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	41	38	27	3	4	25	17	9	11	11	11	11
2	41	38	27	3	4	25	17	9	11	11	11	11
3	41	38	27	3	4	25	17	9	11	11	11	11
4	41	38	27	3	4	25	17	9	11	11	11	11
5	41	38	27	3	4	25	17	9	11	11	11	11
6	41	38	27	3	4	25	17	9	11	11	11	11
7	41	38	27	3	4	25	17	9	11	11	11	11
8	41	38	27	3	4	25	17	9	11	11	11	11
9	41	38	27	3	4	25	17	9	11	11	11	11
10	41	38	27	3	4	25	17	9	11	11	11	11
11	41	38	25	3	4	25	17	9	11	11	11	11
12	41	38	25	3	4	25	17	9	11	11	11	11
13	41	38	25	3	4	25	17	9	11	11	11	11
14	41	38	25	3	4	25	17	9	11	11	11	11
15	41	38	25	3	4	25	17	9	11	11	11	11
16	41	38	25	3	4	25	17	9	11	11	11	11
17	41	38	25	3	4	25	17	9	11	11	11	11
18	41	38	25	3	4	25	17	9	11	11	11	11
19	41	38	25	3	4	25	17	9	11	11	11	11
20	41	38	25	3	4	25	17	9	11	11	11	11
21	41	38	15	4	10	4	17	11	11	11	11	11
22	41	38	15	4	10	4	17	11	11	11	11	11
23	41	38	15	4	10	4	17	11	11	11	11	11
24	41	38	15	4	10	4	17	11	11	11	11	11
25	41	38	15	4	10	4	17	11	11	11	11	11
26	41	38	15	4	10	4	17	11	11	11	11	11
27	41	38	15	4	10	4	17	11	11	11	11	11
28	41	38	15	4	10	4	17	11	11	11	11	11
29	41	---	15	4	10	4	17	11	11	11	11	11
30	41	---	15	4	10	4	17	11	11	11	11	11
31	41	---	15	---	10	---	17	11	---	11	---	11
Mean	41	38	22	3	6	18	17	10	11	11	11	11
Max.	41	38	27	4	10	25	17	11	11	11	11	11
Min.	41	38	15	3	4	4	17	9	11	11	11	11
A. F.	2521	2110	1359	139	377	1071	1045	597	654	676	654	676
Total Acre Feet	11,879.											

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER ABOVE BACK WATER OF CHAMPION DIVERSION LAKE—1925**  
 Sec. 22, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	23	41	20	22	14	27	16	13	15	16	23	25
2	23	41	20	22	14	27	16	13	15	16	23	25
3	23	41	20	22	14	27	16	13	15	16	23	25
4	23	41	20	22	14	27	16	13	15	16	23	25
5	23	41	20	22	14	27	16	13	15	16	23	25
6	23	41	20	22	14	27	16	13	15	16	23	25
7	23	41	20	22	14	27	16	13	15	16	23	25
8	23	41	20	22	14	27	16	13	15	16	23	25
9	23	41	20	22	14	27	16	13	15	16	23	25
10	23	41	20	22	14	27	16	13	15	16	23	25
11	23	41	20	22	14	20	16	15	16	16	23	25
12	23	41	20	22	14	20	16	15	16	16	23	25
13	23	41	20	22	14	20	16	15	16	16	23	25
14	23	41	20	22	14	20	16	15	16	16	23	25
15	23	41	20	22	14	20	16	15	16	16	23	25
16	23	41	20	22	14	20	16	15	16	16	23	25
17	23	41	20	22	14	20	16	15	16	16	23	25
18	23	41	20	22	14	20	16	15	16	16	23	25
19	23	41	20	22	14	20	16	15	16	16	23	25
20	23	41	20	22	14	20	16	15	16	16	23	25
21	23	41	20	22	14	12	16	15	16	16	23	25
22	23	41	20	22	14	12	16	15	16	16	23	25
23	23	41	20	22	14	12	16	15	16	16	23	25
24	23	41	20	22	14	12	16	15	16	16	23	25
25	23	41	20	22	14	12	16	15	16	16	23	25
26	23	41	20	22	14	12	20	15	16	16	23	25
27	23	41	20	22	14	12	20	15	16	16	23	25
28	23	41	20	22	14	12	20	15	16	16	23	25
29	23	---	20	22	14	12	20	15	16	16	23	25
30	23	---	20	22	14	12	20	15	16	16	23	25
31	23	---	20	---	14	---	20	15	---	16	---	25
Mean	23	41	20	22	14	20	16	14	16	16	23	25
Max.	23	41	20	22	14	27	20	15	16	16	23	25
Min.	23	41	20	22	14	12	16	13	15	16	23	25
A. F.	1414	2277	1230	1309	861	1170	922	883	932	964	1369	1537
Total	Acre Feet 14,868.											

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER ABOVE BACK WATER OF CHAMPION DIVERSION LAKE—1927**  
 Sec. 22, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	32	32	29	32	12	11	14	9	17	20	25	25
2	32	32	29	32	12	11	14	9	17	20	25	25
3	32	32	29	32	12	11	14	9	17	20	25	25
4	32	32	29	32	12	11	14	9	17	20	25	25
5	32	32	29	32	12	11	14	9	17	20	25	25
6	32	32	29	32	12	11	14	9	17	20	25	25
7	32	32	29	32	12	11	14	9	17	20	25	25
8	32	32	29	32	12	11	14	9	17	20	25	25
9	32	32	29	32	12	11	14	9	17	20	25	25
10	32	32	29	32	12	11	14	9	17	20	25	25
11	32	32	29	32	12	11	14	10	17	20	25	25
12	32	32	29	32	12	11	14	10	17	20	25	25
13	32	32	29	32	12	11	14	10	17	20	25	25
14	32	32	29	32	12	11	14	10	17	20	25	25
15	32	32	29	32	12	11	14	10	17	20	25	25
16	32	32	29	32	12	11	14	10	17	20	25	25
17	32	32	29	32	12	11	14	10	17	20	25	25
18	32	32	29	32	12	11	14	10	17	20	25	25
19	32	32	29	32	12	11	14	10	17	20	25	25
20	32	32	29	32	12	11	14	10	17	20	25	25
21	32	32	29	23	6	11	12	10	18	20	27	25
22	32	32	29	23	6	11	12	10	18	20	27	25
23	32	32	29	23	6	11	12	10	18	20	27	25
24	32	32	29	23	6	11	12	10	18	20	27	25
25	32	32	29	23	6	11	12	10	18	20	27	25
26	32	32	29	23	6	11	12	10	18	20	27	25
27	32	32	29	23	6	11	12	10	18	20	27	25
28	32	32	29	23	6	11	12	10	18	20	27	25
29	32	---	29	23	6	11	12	10	18	20	27	25
30	32	---	29	23	6	11	12	10	18	20	27	25
31	32	---	29	---	6	---	12	10	---	20	---	25
Mean	32	32	29	29	9.8	11	13.2	9.6	17.3	20	25.7	25
Max.	32	32	29	32	12	11	14	10	18	20	27	25
Min.	32	32	29	23	6	11	12	9	17	20	25	25
A. F.	1967	1777	1783	1725	607	654	817	595	1031	1229	1527	1537
Total	Acre Feet 15,249.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER ABOVE BACK WATER OF CHAMPION DIVERSION LAKE—1928  
Sec. 22, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	22	26	21	13	24	24	26	22	23	27	27	28
2	22	26	21	13	24	24	26	22	23	27	27	28
3	22	26	21	13	24	24	26	22	23	27	27	28
4	22	26	21	13	24	24	26	22	23	27	27	28
5	22	26	21	13	24	24	26	22	23	27	27	28
6	22	26	21	13	24	24	26	22	23	27	27	28
7	22	26	21	13	24	24	26	22	23	27	27	28
8	22	26	21	13	24	24	26	22	23	27	27	28
9	22	26	21	13	24	24	26	22	23	27	27	28
10	22	26	21	13	24	24	26	22	23	27	27	28
11	22	26	21	13	24	24	26	22	23	27	27	28
12	22	26	21	13	24	24	26	22	18	27	27	28
13	22	26	21	13	24	24	26	22	18	27	27	28
14	22	26	21	13	24	24	26	22	18	27	27	28
15	22	26	21	13	24	24	26	22	18	27	27	28
16	22	26	23	18	24	116	31	22	18	27	28	28
17	22	26	23	18	24	116	31	22	18	27	28	28
18	22	26	23	18	24	116	31	22	18	27	28	28
19	22	26	23	18	24	116	31	22	18	27	28	28
20	22	26	23	18	24	116	31	22	18	27	28	28
21	22	26	23	18	24	116	31	22	19	27	28	28
22	22	26	23	18	24	116	31	22	19	27	28	28
23	22	26	23	18	24	116	31	22	19	27	28	28
24	22	26	23	18	24	116	31	22	19	27	28	28
25	22	26	23	18	24	116	31	22	19	27	28	28
26	22	26	23	18	24	26	31	22	19	27	28	28
27	22	26	23	18	24	26	31	22	19	27	28	28
28	22	26	23	18	24	26	31	22	19	27	28	28
29	22	26	23	18	24	26	31	22	19	27	28	28
30	22	—	23	18	24	26	31	22	19	27	28	28
31	22	—	23	—	24	—	31	22	—	27	—	28
Mean	22	26	22	15	24	54	28	22	16	27	27	28
Max.	22	26	23	18	24	116	31	22	23	27	28	28
Min.	22	26	21	13	24	24	26	22	18	27	27	28
A. F.	1353	1495	1354	922	1476	3324	1696	1353	991	1660	1636	1722
Total Acre Feet		18,982.										

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CHAMPION—1924  
Sec. 21, Twp. 6, Rge. 39 W.

Date	* Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	53	53	40	65	40	41	26	25	40	40	40	40
2	53	53	40	65	40	41	26	25	40	40	40	40
3	53	53	40	65	40	41	26	25	40	40	40	40
4	53	53	40	65	40	41	26	25	40	40	40	40
5	53	53	40	65	40	41	26	25	40	40	40	40
6	53	53	40	65	40	41	26	25	40	40	40	40
7	53	53	40	65	40	41	26	25	40	40	40	40
8	53	53	40	65	40	41	26	25	40	40	40	40
9	53	53	40	65	40	41	26	25	40	40	40	40
10	53	53	40	65	40	41	26	25	40	40	40	40
11	53	43	50	50	40	32	26	30	40	40	40	40
12	53	43	50	50	40	32	26	30	40	40	40	40
13	53	43	50	50	40	32	26	30	40	40	40	40
14	53	43	50	50	40	32	26	30	40	40	40	40
15	53	43	50	50	40	32	26	30	40	40	40	40
16	53	43	50	50	40	32	26	30	40	40	40	40
17	53	43	50	50	40	32	26	30	40	40	40	40
18	53	43	50	50	40	32	26	30	40	40	40	40
19	53	43	50	50	40	32	26	30	40	40	40	40
20	53	43	50	50	40	32	26	30	40	40	40	40
21	53	34	60	34	41	26	25	35	40	40	40	40
22	53	34	60	34	41	26	25	35	40	40	40	40
23	53	34	60	34	41	26	25	35	40	40	40	40
24	53	34	60	34	41	26	25	35	40	40	40	40
25	53	34	60	34	41	26	25	35	40	40	40	40
26	53	34	60	34	41	26	25	35	40	40	40	40
27	53	34	60	34	41	26	25	35	40	40	40	40
28	53	34	60	34	41	26	25	35	40	40	40	40
29	53	34	60	34	41	26	25	35	40	40	40	40
30	53	—	60	34	41	26	25	35	40	40	40	40
31	53	—	60	—	41	—	25	35	—	40	—	40
Mean	53	43	50	49	40	33	26	30	40	40	40	40
Max.	53	53	60	65	41	41	26	35	40	40	40	40
Min.	53	34	40	34	40	26	25	25	40	40	40	40
A. F.	3258	2511	3094	2955	2481	1963	1576	1854	2380	2459	2380	2459
Total Acre Feet		29,370.										

\*Estimated.

# HYDROGRAPHIC REPORT—1928

577

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CHAMPION—1925

Sec. 21, Twp. 6, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	62	30	73	32	*	*	*	*	*	20	25	*
2	62	30	73	32	...	...	...	...	...	20	25	...
3	62	30	73	32	...	...	...	...	...	20	25	...
4	62	30	73	32	...	...	...	...	...	20	25	...
5	62	30	73	32	...	...	...	...	...	20	25	...
6	62	30	73	32	...	...	...	...	...	20	25	...
7	62	30	73	32	...	...	...	...	...	20	25	...
8	62	30	73	32	...	...	...	...	...	20	25	...
9	62	30	73	32	...	...	...	...	...	20	25	...
10	62	30	73	32	...	...	...	...	...	20	25	...
11	62	30	73	32	...	...	...	...	...	20	25	...
12	62	30	73	32	...	...	...	...	...	20	25	...
13	62	20	73	32	...	...	...	...	...	20	25	...
14	62	30	73	32	...	...	...	...	...	20	25	...
15	62	30	73	32	...	...	...	...	...	20	25	...
16	62	30	73	32	...	...	...	...	...	20	25	...
17	62	30	73	32	...	...	...	...	...	20	25	...
18	62	30	73	32	...	...	...	...	...	20	25	...
19	62	30	73	32	...	...	...	...	...	20	25	...
20	62	30	73	32	...	...	...	...	...	20	25	...
21	62	30	73	32	...	...	...	...	...	20	25	...
22	62	30	73	32	...	...	...	...	...	20	25	...
23	62	30	73	32	...	...	...	...	...	20	25	...
24	62	30	73	32	...	...	...	...	...	20	25	...
25	62	30	73	32	...	...	...	...	...	20	25	...
26	62	30	73	32	...	...	...	...	...	20	25	...
27	62	30	73	32	...	...	...	...	...	20	25	...
28	62	30	73	32	...	...	...	...	...	20	25	...
29	62	...	73	32	...	...	...	...	...	20	25	...
30	62	...	73	32	...	...	...	...	...	20	25	...
31	62	...	73	...	...	...	...	...	...	20	...	...
Mean	62	30	73	32	...	...	...	...	...	20	25	...
Max.	62	30	73	32	...	...	...	...	...	20	25	...
Min.	62	30	73	32	...	...	...	...	...	20	25	...
A. F.	3812	1666	4468	1904	...	...	...	...	...	1230	1537	...
*No Record.												

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CHAMPION—1926

Sec. 21, Twp. 6, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	69	62	53	53	33	43	38	19	16	16	25	25
2	69	62	53	53	33	43	38	19	16	16	25	25
3	69	62	53	53	33	43	38	19	16	16	25	25
4	69	62	53	53	33	43	38	19	16	16	25	25
5	69	62	53	53	33	43	38	19	16	16	25	25
6	69	62	53	53	33	43	38	19	16	16	25	25
7	69	62	53	53	33	43	38	19	16	16	25	25
8	69	62	53	53	33	43	38	19	16	16	25	25
9	69	62	53	53	33	43	38	19	16	16	25	25
10	69	62	53	53	33	43	38	19	16	16	25	25
11	69	62	42	53	33	43	38	19	16	16	25	25
12	69	62	42	53	33	43	38	19	16	16	25	25
13	69	62	42	53	33	43	38	19	16	16	25	25
14	69	62	42	53	33	43	38	19	16	16	25	25
15	69	62	43	53	33	43	38	19	16	16	25	25
16	69	62	43	53	33	43	38	19	16	16	25	25
17	69	62	43	53	33	43	38	19	16	16	25	25
18	69	62	43	53	33	43	38	19	16	16	25	25
19	69	62	43	53	33	43	38	19	16	16	25	25
20	69	62	43	53	35	43	38	19	16	16	25	25
21	69	62	33	32	24	13	38	52	16	16	25	25
22	69	62	33	32	24	13	38	52	16	16	25	25
23	69	62	33	32	24	13	38	52	16	16	25	25
24	69	62	33	32	24	13	38	52	16	16	25	25
25	69	62	33	32	24	13	38	52	16	16	25	25
26	69	62	33	32	24	13	38	52	16	16	25	25
27	69	62	33	32	24	13	38	52	16	16	25	25
28	69	62	33	32	24	13	38	52	16	16	25	25
29	69	...	33	32	24	13	38	52	16	16	25	25
30	69	...	33	32	24	13	38	52	16	16	25	25
31	69	...	33	...	24	...	38	52	16	16	...	25
Mean	69	62	43	46	29	33	38	30	16	16	25	25
Max.	69	62	53	53	33	43	38	52	16	16	25	25
Min.	69	62	33	32	24	13	38	19	16	16	25	25
A. F.	4243	3443	2545	2737	1753	1964	2336	1888	952	984	1488	1537
Total Acre Feet 25,870.												



**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CHAMPION—1927**  
 Sec. 21, Twp. 6, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	45	45	45	76	17	39	36	30	27	35	45	33
2	45	45	45	76	17	39	36	30	27	35	45	33
3	45	45	45	76	17	39	36	30	27	35	45	33
4	45	45	45	76	17	39	36	30	27	35	45	33
5	45	45	45	76	17	39	36	30	27	35	45	33
6	45	45	45	76	17	39	36	30	27	35	45	33
7	45	45	45	76	17	39	36	30	27	35	45	33
8	45	45	45	76	17	39	36	30	27	35	45	33
9	45	45	45	76	17	39	36	30	27	35	45	33
10	45	45	45	76	17	39	36	30	27	35	45	33
11	45	45	45	76	17	39	36	26	27	35	37	33
12	45	45	45	76	17	39	36	26	27	35	37	33
13	45	45	45	76	17	39	36	26	27	35	37	33
14	45	45	45	76	17	39	36	26	27	35	37	33
15	45	45	45	76	17	39	36	26	27	35	37	33
16	45	45	45	76	17	39	36	26	27	35	37	33
17	45	45	45	76	17	39	36	26	27	35	37	33
18	45	45	45	76	17	39	36	26	27	35	37	33
19	45	45	45	76	17	39	36	26	27	35	37	33
20	45	45	45	76	17	39	36	26	27	35	37	33
21	45	45	45	41	33	39	32	26	34	35	37	33
22	45	45	45	41	33	39	32	26	34	35	37	33
23	45	45	45	41	33	39	32	26	34	35	37	33
24	45	45	45	41	33	39	32	26	34	35	37	33
25	45	45	45	41	33	39	32	26	34	35	37	33
26	45	45	45	41	33	39	32	26	34	35	37	33
27	45	45	45	41	33	39	32	26	34	35	37	33
28	45	45	45	41	33	39	32	26	34	35	37	33
29	45	---	45	41	33	39	32	26	34	35	37	33
30	45	---	45	41	33	39	32	26	34	35	37	33
31	45	---	45	---	33	---	32	26	---	35	---	33
Mean	45	45	45	64	22.6	39	34.5	27.3	29.3	35	39	33
Max.	45	45	45	76	33	39	36	30	34	35	37	33
Min.	45	45	45	41	17	39	32	26	27	35	45	33
A. F.	2766	2499	2766	3828	1394	2320	2126	1678	1745	2082	2360	2029
Total Acre Feet	27,593.											

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CHAMPION—1928**  
 Sec. 21, Twp. 6, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	71	42	35	36	35	35	57	31	43	54	56	35
2	71	42	35	36	35	35	57	31	43	54	56	35
3	71	42	35	36	35	35	57	31	43	54	56	35
4	71	42	35	36	35	35	57	31	43	54	56	35
5	71	42	35	36	35	35	57	31	43	54	56	35
6	71	42	35	36	35	35	57	31	43	54	56	35
7	71	42	35	36	35	35	57	31	43	54	56	35
8	71	42	35	36	35	35	57	31	43	54	56	35
9	71	42	35	36	35	35	57	31	43	54	56	35
10	71	42	35	36	35	35	57	31	43	54	56	35
11	71	42	35	36	35	35	57	31	43	54	56	35
12	71	42	35	36	35	35	57	31	43	54	56	35
13	71	42	35	36	35	35	57	31	43	54	40	35
14	71	42	35	36	35	35	57	31	43	54	56	35
15	71	42	35	36	35	35	57	31	43	54	56	35
16	71	42	35	36	35	35	57	31	43	54	40	35
17	71	42	35	36	35	50	57	31	43	54	40	35
18	71	42	35	36	35	75	57	31	43	54	40	35
19	71	42	35	36	35	100	57	31	43	54	40	35
20	71	42	35	36	35	228	57	31	43	54	40	35
21	71	42	33	36	35	100	57	31	42	54	40	35
22	71	42	33	36	35	50	57	31	42	54	40	35
23	71	42	33	36	35	35	57	31	42	54	40	35
24	71	42	33	36	35	35	57	31	42	54	40	35
25	71	42	33	36	35	35	57	31	42	54	40	35
26	71	42	33	36	35	35	107	31	42	54	40	35
27	71	42	33	36	35	35	107	31	42	54	40	35
28	71	42	33	36	35	35	107	31	42	54	40	35
29	71	42	33	36	35	35	107	31	42	54	40	35
30	71	---	33	36	35	35	107	31	42	54	40	35
31	71	---	33	---	35	---	107	31	---	54	---	35
Mean	71	42	34	36	35	47	67	31	46	54	46	35
Max.	71	42	35	36	35	228	107	31	54	54	56	35
Min.	71	42	33	36	35	35	57	31	42	54	40	35
A. F.	4364	2416	2108	2142	2152	2852	4100	1906	2757	3320	2856	2152
Total Acre Feet	33,125.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW CHAMPION DIVERSION—1927

Sec. 23, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
2	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
3	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
4	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
5	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
6	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
7	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
8	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
9	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
10	30	29	25	20	2.7	5.0	1.5	2.2	9.0	10	11	13
11	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
12	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
13	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
14	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
15	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
16	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
17	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
18	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
19	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
20	30	29	25	20	2.7	10.0	1.5	3.0	9.0	10	11	13
21	30	29	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
22	30	29	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
23	30	29	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
24	30	29	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
25	30	29	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
26	30	29	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
27	30	29	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
28	30	29	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
29	30	....	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
30	30	....	25	22	4.7	15.4	9.6	3.0	5.1	10	17	13
31	30	....	25	....	4.7	....	9.6	3.0	....	10	....	13
Mean	30	29	25	20.6	3.4	10.1	4.3	2.7	7.7	10	12	13
Max.	30	29	25	22	4.7	15.4	9.6	3.0	9.0	10	17	13
Min.	30	29	25	20	2.7	5.0	1.5	2.2	5.1	10	11	13
A. F.	1844	1610	1537	1229	208	602	267	168	485	614	773	799
Total Acre Feet	10,136.											

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER BELOW CHAMPION RESERVOIR—1928

Sec. 23, Twp. 6, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	27	16	11	7	10	8	8	3	12	29	26	28
2	27	16	11	7	10	8	8	3	12	29	26	28
3	27	16	11	7	10	8	8	3	12	29	26	28
4	27	16	11	7	10	8	8	3	12	29	26	28
5	27	16	11	7	10	8	8	3	12	29	26	28
6	27	16	11	7	10	8	8	3	12	29	26	28
7	27	16	11	7	10	8	8	3	12	29	26	28
8	27	16	11	7	10	8	8	3	12	29	26	28
9	27	16	11	7	10	8	8	3	12	29	26	28
10	27	16	11	7	10	8	8	3	12	29	26	28
11	27	16	11	7	10	8	8	3	12	29	26	28
12	27	16	11	7	10	8	8	3	12	29	26	28
13	27	16	11	7	10	8	8	3	12	29	26	28
14	27	16	11	7	10	8	8	3	12	29	26	28
15	27	16	11	7	10	8	8	3	12	29	26	28
16	27	16	17	7	10	8	8	3	1	29	19	28
17	27	16	17	7	10	8	8	3	1	29	19	28
18	27	16	17	7	10	8	8	3	1	29	19	28
19	27	16	17	7	10	8	8	3	1	29	19	28
20	27	16	17	7	10	8	8	3	1	29	19	28
21	27	16	17	7	10	8	62	3	1	29	19	28
22	27	16	17	7	10	8	62	3	1	29	19	28
23	27	16	17	7	10	8	62	3	1	29	19	28
24	27	16	17	7	10	8	62	3	1	29	19	28
25	27	16	17	7	10	8	62	3	1	29	19	28
26	27	16	17	7	10	8	62	3	7	29	19	28
27	27	16	17	7	10	8	62	3	7	29	19	28
28	27	16	17	7	10	8	62	3	7	29	19	28
29	27	16	17	7	10	8	62	3	7	29	19	28
30	27	....	17	7	10	8	62	3	7	29	19	28
31	27	....	17	....	10	....	62	3	....	29	....	28
Mean	27	16	14	7	10	8	28	3	7	29	22	28
Max.	27	16	17	7	10	8	62	3	12	29	26	28
Min.	27	16	11	7	10	8	8	3	1	29	19	28
A. F.	1660	920	867	416	615	476	1670	184	446	1783	1339	1722
Total Acre Feet	12,098.											

## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER SOUTH OF IMPERIAL—

1924

Sec. 4, Twp. 5, Rge. 38 W.

Date	* Jan.	Feb.	Mar.	Apr.	May	June	* July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	80	80	50	78	81	76	45	56	52	48	58	64
2	80	80	50	78	81	76	45	56	52	48	58	64
3	80	80	50	78	81	76	45	56	52	48	58	64
4	80	80	50	78	81	76	45	56	52	48	58	64
5	80	80	50	78	81	76	45	56	52	48	58	64
6	80	80	50	78	81	76	45	56	52	48	58	64
7	80	80	50	78	81	76	45	56	52	48	58	64
8	80	80	50	78	81	76	45	56	52	48	58	64
9	80	80	50	78	81	76	45	56	52	48	58	64
10	80	80	50	78	81	76	45	56	52	48	58	64
11	80	65	65	78	78	30	45	56	52	48	58	64
12	80	65	65	78	78	30	45	56	52	48	58	64
13	80	65	65	78	78	30	45	56	52	48	58	64
14	80	65	65	78	78	30	45	56	52	48	58	64
15	80	65	65	78	78	30	45	56	52	48	58	64
16	80	65	65	78	78	30	45	56	52	48	58	64
17	80	65	65	78	78	30	45	56	52	48	58	64
18	80	65	65	78	78	30	45	56	52	48	58	64
19	80	65	65	78	78	30	45	56	52	48	58	64
20	80	65	65	78	78	30	45	56	52	48	58	64
21	80	50	65	81	78	30	45	56	52	48	58	64
22	80	50	65	81	78	30	45	56	52	48	58	64
23	80	50	65	81	78	30	45	56	52	48	58	64
24	80	50	65	81	78	30	45	56	52	48	58	64
25	80	50	65	81	78	30	45	56	52	48	58	64
26	80	50	65	81	78	30	45	56	52	48	58	64
27	80	50	65	81	78	30	45	56	52	48	58	64
28	80	50	65	81	78	30	45	56	52	48	58	64
29	80	50	65	81	78	30	45	56	52	48	58	64
30	80	---	65	81	78	30	45	56	52	48	58	64
31	80	---	65	---	78	---	45	56	---	48	---	---
Mean	80	65	60	79	79	45	45	56	52	48	58	64
Max.	80	80	65	81	81	76	45	56	52	48	58	64
Min.	80	50	50	78	78	30	45	56	52	48	58	64
A. F.	4919	3768	3699	4700	4855	2637	2766	3443	3094	2951	3451	3935
Total Acre Feet	44,278.											
*Estimated.												

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER SOUTH OF IMPERIAL—

1925

Sec. 4, Twp. 5, Rge. 38 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	71	90	90	63	60	64	60	70	68	70	66	66
2	71	90	90	63	60	64	60	70	68	70	66	66
3	71	90	90	63	60	64	60	70	68	70	66	66
4	71	90	90	63	60	64	60	70	68	70	66	66
5	71	90	90	63	60	64	60	70	68	70	66	66
6	71	90	90	63	60	64	60	50	68	70	66	66
7	71	90	90	63	60	64	60	50	68	70	66	66
8	71	90	90	63	60	64	60	50	68	70	66	66
9	71	90	90	63	60	64	60	50	68	70	66	66
10	71	90	90	63	60	64	60	50	68	70	66	66
11	71	111	90	63	60	64	50	50	57	70	66	66
12	71	111	90	63	60	64	50	50	57	70	66	66
13	71	111	90	63	60	64	50	50	57	70	66	66
14	71	111	90	63	60	64	50	50	57	70	66	66
15	71	111	90	63	60	64	50	50	57	70	66	66
16	71	111	90	63	60	64	50	50	57	70	66	66
17	71	111	90	63	60	64	60	50	57	70	66	66
18	71	111	90	63	60	64	60	50	57	70	66	66
19	71	111	90	63	60	64	60	50	57	70	66	66
20	71	111	90	63	60	64	60	50	57	70	66	66
21	71	111	90	63	60	64	60	50	57	70	66	66
22	71	111	90	63	60	64	60	50	57	70	66	66
23	71	111	90	63	60	64	60	50	57	70	66	66
24	71	111	90	63	60	64	60	50	57	70	66	66
25	71	111	90	63	60	64	60	50	57	70	66	66
26	71	111	90	63	60	64	71	50	57	70	66	66
27	71	111	90	63	60	64	80	50	57	70	66	66
28	71	111	90	63	60	64	102	50	57	70	66	66
29	71	---	90	63	60	64	100	50	57	70	66	66
30	71	---	90	63	60	64	90	50	57	70	66	66
31	71	---	90	---	60	---	80	50	---	70	---	66
Mean	71	68	90	63	60	64	64	53	61	70	66	66
Min.	71	90	90	63	60	64	50	50	57	70	66	66
Min.	71	90	90	63	60	64	50	70	68	70	66	66
A. F.	4365	3765	5534	3749	3689	3808	3913	3293	3610	4304	3927	4058
Total Acre Feet	48,015.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, FRENCHMAN RIVER SOUTH OF IMPERIAL—  
1924

Sec. 4, Twp. 5, Rge. 38 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	96	74	65	52	66	55	58	52	54	57	56	56
2	96	74	65	52	66	55	58	52	54	57	56	56
3	96	74	65	52	66	55	58	52	54	57	56	56
4	96	74	65	52	66	55	58	52	54	57	56	56
5	96	74	65	52	66	55	58	52	56	57	56	56
6	96	74	65	52	66	55	58	52	56	57	56	56
7	96	74	65	52	66	55	58	52	56	57	56	56
8	96	74	65	52	66	55	58	52	56	57	56	56
9	96	74	65	52	66	55	58	52	56	57	56	56
10	96	74	65	52	66	55	58	52	56	57	56	56
11	96	61	65	52	66	55	58	52	56	57	56	56
12	96	61	65	52	66	55	58	52	56	57	56	56
13	96	61	65	52	66	55	58	52	56	57	56	56
14	96	61	65	52	66	55	58	52	56	57	56	56
15	96	61	65	52	66	55	58	52	56	57	56	56
16	96	61	65	52	66	55	58	52	56	57	56	56
17	96	61	65	52	66	55	58	52	56	57	56	56
18	96	61	65	52	66	55	58	52	56	57	56	56
19	96	61	65	52	66	55	58	52	56	57	56	56
20	96	61	65	52	66	55	58	52	56	57	56	56
21	96	61	65	55	57	58	58	52	56	57	56	56
22	96	61	65	55	57	58	58	52	56	57	56	56
23	96	61	65	55	57	58	58	52	56	57	56	56
24	96	61	65	55	57	58	58	52	56	57	56	56
25	96	61	65	55	57	58	58	52	56	57	56	56
26	96	61	65	55	57	58	58	52	56	57	56	56
27	96	61	65	55	57	58	58	52	56	57	56	56
28	96	61	65	55	57	58	58	52	56	57	56	56
29	96	---	65	55	57	58	58	52	56	57	56	56
30	96	---	65	55	57	58	58	52	56	57	56	56
31	96	---	65	---	57	---	58	52	---	57	---	56
Mean	96	65	65	53	63	56	58	52	56	57	56	56
Max.	96	74	65	55	66	58	58	52	56	57	56	56
Min.	96	61	65	52	57	55	58	52	54	57	56	56
A. F.	5902	3645	3997	3154	3862	3447	3566	3197	3213	4100	3332	3443
Total Acre Feet	44,858.											

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER SOUTH OF IMPERIAL—  
1927

Sec. 4, Twp. 5, Rge. 38 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	63	63	81	79	50	69	58	70	52	55	57	68
2	63	63	81	79	50	69	58	70	52	55	57	68
3	63	63	81	79	50	69	58	70	52	55	57	68
4	63	63	81	79	50	69	58	70	52	55	57	68
5	63	63	81	79	50	69	58	70	52	55	57	68
6	63	63	81	79	50	69	58	70	52	55	57	68
7	63	63	81	79	50	69	58	70	52	55	57	68
8	63	63	81	79	50	69	58	70	52	55	57	68
9	63	63	81	79	50	69	58	70	52	55	57	68
10	63	63	81	79	50	69	58	70	52	55	57	68
11	63	63	81	79	43	69	10	58	52	55	57	68
12	63	63	81	79	43	69	10	58	52	55	57	68
13	63	63	81	79	43	69	10	58	52	55	57	68
14	63	63	81	79	43	69	10	58	52	55	57	68
15	63	63	81	79	43	69	10	58	52	55	57	68
16	63	63	81	79	43	69	10	58	52	55	57	68
17	63	63	81	79	43	69	10	58	52	55	57	68
18	63	63	81	79	43	69	10	58	52	55	57	68
19	63	63	81	79	43	69	10	58	52	55	57	68
20	63	63	81	79	43	69	10	58	52	55	57	68
21	63	63	81	71	71	69	9	58	55	55	45	68
22	63	63	81	71	71	69	9	58	55	55	45	68
23	63	63	81	71	71	69	9	58	55	55	45	68
24	63	63	81	71	71	69	9	58	55	55	45	68
25	63	63	81	71	71	69	9	58	55	55	45	68
26	63	63	81	71	71	69	9	58	55	55	45	68
27	63	63	81	71	71	69	9	58	55	55	45	68
28	63	63	81	71	71	69	9	58	55	55	45	68
29	63	---	81	71	71	69	9	58	55	55	45	68
30	63	---	81	71	71	69	9	58	55	55	45	68
31	63	---	81	---	71	---	9	58	---	55	---	68
Mean	63	63	81	76.3	55	69	25	62	53	55	55	68
Max.	63	63	81	79	71	69	58	70	55	55	57	68
Min.	63	63	81	71	43	69	9	58	52	55	45	68
A. F.	3873	3498	4980	4542	3393	4105	1545	3804	3153	3348	3120	4181
Total Acre Feet	43,542.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER—1928  
Sec. 30, Twp. 6, Rge. 38 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	75	72	58	45	58	58	49	30	56	48	50	62
2	75	72	58	45	58	58	49	30	56	48	50	62
3	75	72	58	45	58	58	49	30	56	48	50	62
4	75	72	58	45	58	58	49	30	56	48	50	62
5	75	72	58	45	58	58	49	30	56	48	50	62
6	75	72	58	45	58	58	49	30	56	48	50	62
7	75	72	58	45	58	58	49	30	56	48	50	62
8	75	72	58	45	58	58	49	30	56	48	50	62
9	75	72	58	45	58	58	49	30	56	48	50	62
10	75	72	58	45	58	58	49	30	56	48	50	62
11	75	72	58	45	58	58	49	4	55	48	50	62
12	75	72	58	45	58	58	49	4	55	48	50	62
13	75	72	58	45	58	58	49	4	55	48	50	62
14	75	72	58	45	58	58	49	4	55	48	50	62
15	75	72	58	45	58	58	49	4	55	48	50	62
16	75	72	58	45	58	58	49	4	55	48	65	62
17	75	72	58	45	58	58	49	4	55	48	65	62
18	75	72	58	45	58	70	49	4	55	48	65	62
19	75	72	58	45	58	100	49	4	55	48	65	62
20	75	72	58	45	58	226	49	4	55	48	65	62
21	75	72	59	45	58	150	49	4	38	48	65	62
22	75	72	59	45	58	100	49	4	38	48	65	62
23	75	72	59	45	58	60	49	4	38	48	65	62
24	75	72	59	45	58	58	49	4	38	48	65	62
25	75	72	59	45	58	58	49	4	38	48	65	62
26	75	72	59	45	58	58	143	4	38	48	65	62
27	75	72	59	45	58	58	100	4	38	48	65	62
28	75	72	59	45	58	58	60	4	38	48	65	62
29	75	72	59	45	58	58	50	4	38	48	65	62
30	75	---	59	45	58	58	50	4	38	48	65	62
31	75	---	59	---	58	---	50	4	---	48	---	62
Mean	75	72	58	45	58	69	54	12	49	48	57	62
Max.	75	72	59	45	58	226	143	30	56	48	65	62
Min.	75	72	58	45	58	58	49	4	38	48	50	62
A. F.	4612	4141	3588	2678	3566	4161	3328	762	2955	2951	3421	3812
Total Acre Feet	39,975.											

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR WAUNETA—1924  
Sec. 11, Twp. 5, Rge. 36 W.

Date	* Jan.	Feb.	* Mar.	Apr.	May	June	* July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	102	98	85	98	93	95	85	96	75	80	100	100
2	102	98	85	98	93	95	85	96	75	80	100	100
3	102	98	85	98	93	95	85	96	75	80	100	100
4	102	98	85	98	93	95	85	96	75	80	100	100
5	102	98	85	98	93	95	85	96	75	80	100	100
6	102	98	85	98	93	95	85	96	75	80	100	100
7	102	98	85	98	93	95	85	96	75	80	100	100
8	102	98	85	98	93	95	85	96	75	80	100	100
9	102	98	85	98	93	95	85	96	75	80	100	100
10	102	98	85	98	93	95	85	96	75	80	100	100
11	102	98	90	95	96	85	90	90	75	90	100	100
12	102	98	90	95	96	85	90	90	75	90	100	100
13	102	98	90	95	96	85	90	90	75	90	100	100
14	102	98	90	95	96	85	90	90	75	90	100	100
15	102	98	90	95	96	85	90	90	75	90	100	100
16	102	98	90	95	96	85	90	90	75	90	100	100
17	102	98	90	95	96	85	90	90	75	90	100	100
18	102	98	90	95	96	85	90	90	75	90	100	100
19	102	98	90	95	96	85	90	90	75	90	100	100
20	102	98	90	95	96	85	90	90	75	90	100	100
21	102	80	96	91	100	77	93	80	75	95	100	100
22	102	80	96	91	100	77	93	80	75	95	100	100
23	102	80	96	91	100	77	93	80	75	95	100	100
24	102	80	96	91	100	77	93	80	75	95	100	100
25	102	80	96	91	100	77	93	80	75	95	100	100
26	102	80	96	91	100	77	93	80	75	95	100	100
27	102	80	96	91	100	77	93	80	75	95	100	100
28	102	80	96	91	100	77	93	80	75	95	100	100
29	102	80	96	91	100	77	93	80	75	95	100	100
30	102	---	96	91	100	77	93	80	75	95	100	100
31	102	---	96	---	100	---	93	80	---	95	---	100
Mean	102	93	91	94	96	85	89	88	75	88	100	100
Max.	102	98	96	98	100	95	93	96	75	95	100	100
Min.	102	80	85	91	93	77	85	80	75	80	100	100
A. F.	6271	5315	5565	5633	5930	5097	5500	5434	4462	5444	5950	6148
Total Acre Feet	66,749.											

\*Estimated.

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR WAUNETA—1925**  
 Sec. 11, Twp. 5, Rge. 36 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	100	120	115	118	100	93	59	81	89	95	96	100
2	100	120	115	118	100	93	59	81	89	95	96	100
3	100	120	115	118	100	93	59	81	89	95	96	100
4	100	120	115	118	100	93	59	81	89	95	96	100
5	100	120	115	118	100	93	59	81	89	95	96	100
6	100	120	115	118	100	93	59	81	89	95	96	100
7	100	120	115	118	100	93	59	81	89	95	96	100
8	100	120	115	118	100	93	59	81	89	95	96	100
9	100	120	115	118	100	93	59	81	89	95	96	100
10	100	120	115	118	100	93	59	81	89	95	96	100
11	125	117	115	118	84	80	59	89	86	95	96	100
12	125	117	115	118	84	80	59	89	86	95	96	100
13	125	117	115	118	84	80	59	89	86	95	96	100
14	125	117	115	118	84	80	59	89	86	95	96	100
15	125	117	115	118	84	80	59	89	86	95	96	100
16	125	117	115	118	84	80	61	89	86	95	96	100
17	125	117	115	118	84	80	61	89	86	95	96	100
18	125	117	115	118	84	80	61	89	86	95	96	100
19	125	117	115	118	84	80	61	89	86	95	96	100
20	125	117	115	118	84	80	61	89	86	95	96	100
21	125	117	115	118	84	63	64	89	86	95	96	100
22	125	117	115	118	84	63	64	89	86	95	96	100
23	125	117	115	118	84	63	64	89	86	95	96	100
24	125	117	115	118	84	63	64	89	86	95	96	100
25	125	117	115	118	84	63	64	89	86	95	96	100
26	125	117	115	118	84	63	95	89	86	95	96	100
27	125	117	115	118	84	63	121	89	86	95	96	100
28	125	117	115	118	84	63	108	89	86	95	96	100
29	125	-----	115	118	84	63	100	89	86	95	96	100
30	125	-----	115	118	84	63	96	89	86	95	96	100
31	125	-----	115	-----	84	-----	90	89	-----	95	-----	100
Mean	105	118	115	118	89	78	68	86	87	95	96	100
Max.	125	120	115	118	100	93	121	89	95	96	96	100
Min.	100	117	115	118	84	63	59	81	86	95	96	100
A. F.	7190	6280	6794	7022	5482	4681	4205	5314	5176	5841	5712	6149
Total Acre Feet	69,846.											

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR WAUNETA—1926**  
 Sec. 11, Twp. 5, Rge. 36 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	115	101	103	95	94	66	89	57	90	91	96	96
2	115	101	103	95	94	66	89	57	90	91	96	96
3	115	101	103	95	94	66	89	57	90	91	96	96
4	115	101	103	95	94	66	89	57	90	91	96	96
5	115	101	103	95	94	66	89	57	90	91	96	96
6	115	101	103	95	94	66	89	57	90	91	96	96
7	115	101	103	95	94	66	89	57	90	91	96	96
8	115	101	103	95	94	66	89	57	90	91	96	96
9	115	101	103	95	94	66	89	57	90	91	96	96
10	115	101	103	95	94	66	89	57	90	91	96	96
11	115	101	105	95	94	66	89	57	90	91	96	96
12	115	101	105	95	94	66	89	57	90	91	96	96
13	115	101	105	95	94	66	89	57	90	91	96	96
14	115	101	105	95	94	66	89	57	90	91	96	96
15	115	101	105	95	94	66	89	57	90	91	96	96
16	115	101	105	95	94	66	89	57	90	91	96	96
17	115	101	105	95	94	66	89	57	90	91	96	96
18	115	101	105	95	94	66	89	57	90	91	96	96
19	115	101	105	95	94	66	89	57	90	91	96	96
20	115	101	105	95	94	66	89	57	90	91	96	96
21	115	101	92	83	76	90	89	83	90	91	96	96
22	115	101	92	83	76	90	89	83	90	91	96	96
23	115	101	92	83	76	90	89	83	90	91	96	96
24	115	101	92	83	76	90	89	83	90	91	96	96
25	115	101	92	83	76	90	89	83	90	91	96	96
26	115	101	92	83	76	90	89	83	90	91	96	96
27	115	101	92	83	76	90	89	83	90	91	96	96
28	115	101	92	83	76	90	89	83	90	91	96	96
29	115	-----	92	83	76	90	89	83	90	91	96	96
30	115	-----	92	83	76	90	89	83	90	91	96	96
31	115	-----	92	-----	76	-----	89	83	-----	91	-----	96
Mean	115	101	100	91	85	74	89	66	90	91	96	96
Max.	115	101	105	95	94	90	89	83	90	91	96	96
Min.	115	101	92	83	76	66	89	27	90	91	96	96
A. F.	7071	5609	6133	5415	5236	4403	5472	4072	5355	5595	5712	5903
Total Acre Feet	65,976.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR WAUNETA—1927  
Sec. 11, Twp. 5, Rge. 36 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	113	113	113	139	96	97	52	85	88	100	97	82
2	113	113	113	139	96	97	52	85	88	100	97	82
3	113	113	113	139	96	97	52	85	88	100	97	82
4	113	113	113	139	96	97	52	85	88	100	97	82
5	113	113	113	139	96	97	52	85	88	100	97	82
6	113	113	113	139	96	97	52	85	88	100	97	82
7	113	113	113	139	96	97	52	85	88	100	97	82
8	113	113	113	139	96	97	52	85	88	100	97	82
9	113	113	113	139	96	97	52	85	88	100	97	82
10	113	113	113	139	96	97	52	85	88	100	97	82
11	113	113	113	139	96	97	52	66	88	100	97	82
12	113	113	113	139	96	97	52	66	88	100	97	82
13	113	113	113	139	96	97	52	66	88	100	97	82
14	113	113	113	139	96	97	52	66	88	100	97	82
15	113	113	113	139	96	97	52	66	88	100	97	82
16	113	113	113	139	96	97	52	66	88	100	97	82
17	113	113	113	139	96	97	52	66	88	100	97	82
18	113	113	113	139	96	97	52	66	88	100	97	82
19	113	113	113	139	96	97	52	66	88	100	97	82
20	113	113	113	139	96	97	52	66	88	100	97	82
21	113	113	113	95	84	97	71	66	100	100	97	82
22	113	113	113	95	84	97	71	66	100	100	97	82
23	113	113	113	95	84	97	71	66	100	100	97	82
24	113	113	113	95	84	97	71	66	100	100	97	82
25	113	113	113	95	84	97	71	66	100	100	97	82
26	113	113	113	95	84	97	71	66	100	100	97	82
27	113	113	113	95	84	97	71	66	100	100	97	82
28	113	113	113	95	84	97	71	66	100	100	97	82
29	113	-----	113	95	84	97	71	66	100	100	97	82
30	113	-----	113	95	84	97	71	66	100	100	97	82
31	113	-----	113	-----	84	-----	71	66	-----	100	-----	82
Mean	113	113	113	124	92	97	59	72	92	100	97	82
Max.	113	113	113	139	96	97	71	85	100	100	97	82
Min.	113	113	113	95	84	97	52	66	88	100	97	82
A. F.	6948	6275	6948	7398	5641	5771	3611	4435	5474	6148	5772	5042
Total Acre Feet	69,463.											

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR WAUNETA—1928  
Sec. 11, Twp. 5, Rge. 36 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	116	121	102	94	119	119	162	97	96	100	154	116
2	116	121	102	94	119	119	162	97	96	100	154	116
3	116	121	102	94	119	119	162	97	96	100	154	116
4	116	121	102	94	119	119	162	97	96	100	154	116
5	116	121	102	94	119	119	162	97	96	100	154	116
6	116	121	102	94	119	119	162	97	96	100	154	116
7	116	121	102	94	119	119	162	97	96	100	154	116
8	116	121	102	94	119	119	162	97	96	100	154	116
9	116	121	102	94	119	119	162	97	96	100	154	116
10	116	121	102	94	119	119	162	97	96	100	154	116
11	116	121	102	94	119	119	162	97	83	100	154	116
12	116	121	102	94	119	119	162	97	83	100	154	116
13	116	121	102	94	119	119	162	97	83	100	154	116
14	116	121	102	94	119	119	162	97	83	100	154	116
15	116	121	102	94	119	119	162	97	83	100	154	116
16	116	121	109	94	119	119	162	97	83	100	115	116
17	116	121	109	94	119	119	162	97	83	100	115	116
18	116	121	109	94	119	119	162	97	83	100	115	116
19	116	121	109	94	119	150	162	97	83	100	115	116
20	116	121	109	94	119	281	162	97	83	100	115	116
21	116	121	109	94	119	200	121	97	65	100	115	116
22	116	121	109	94	119	150	121	97	65	100	115	116
23	116	121	109	94	119	120	121	97	65	100	115	116
24	116	121	109	94	119	120	121	97	65	100	115	116
25	116	121	109	94	119	120	121	97	65	100	115	116
26	116	121	109	94	119	120	121	97	65	100	115	116
27	116	121	109	94	119	120	121	97	65	100	115	116
28	116	121	109	94	119	120	121	97	65	100	115	116
29	116	121	109	94	119	120	121	97	65	100	115	116
30	116	-----	109	94	119	120	121	97	65	100	115	116
31	116	-----	109	-----	119	-----	121	97	-----	100	-----	116
Mean	116	121	105	94	119	129	147	97	31	100	134	116
Max.	116	121	109	94	119	281	162	97	96	100	154	116
Min.	116	121	102	94	119	119	121	97	65	100	115	116
A. F.	7133	6960	6494	5593	7317	7701	9066	5964	4840	6149	8003	7130
Total Acre Feet	82,350.											

# HYDROGRAPHIC REPORT—1928

585

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR PALISADE—1925

Sec. 32, Twp. 5, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	100	229	140	140	120	44	6.6	50.0	9.1	50	146	90
2	100	229	140	140	120	44	6.6	50.0	9.1	50	146	90
3	100	229	140	140	120	44	6.6	30.0	9.1	50	146	90
4	100	229	140	140	120	44	6.6	30.0	9.1	50	146	90
5	100	229	140	140	120	44	6.6	20.0	9.1	50	146	90
6	100	229	140	140	120	44	6.6	6.3	9.1	50	146	90
7	100	229	140	140	120	44	6.6	6.3	9.1	50	146	90
8	100	229	140	140	120	44	6.6	6.3	9.1	50	146	90
9	100	229	140	140	120	44	6.6	6.3	9.1	50	146	90
10	100	229	140	140	120	44	6.6	6.3	9.1	50	146	90
11	80	229	140	140	120	30	6.6	6.3	9.1	50	146	90
12	80	229	140	140	120	30	6.6	6.3	9.1	50	146	90
13	80	229	140	140	120	30	6.6	6.3	9.1	50	146	90
14	80	229	140	140	120	30	6.6	6.3	9.1	50	146	90
15	80	229	140	140	120	30	6.6	6.3	9.1	50	146	90
16	80	229	140	140	120	30	6.6	6.3	9.1	50	146	90
17	80	229	140	140	120	30	6.6	6.3	9.1	50	146	90
18	80	229	140	140	120	30	6.6	6.3	47.0	50	146	90
19	80	229	140	140	120	30	6.6	30.0	47.0	50	146	90
20	80	229	140	140	120	30	6.6	71.9	47.0	50	146	90
21	71	229	140	140	120	27	6.7	50.0	47.0	50	146	90
22	71	229	140	140	120	27	6.7	40.0	47.0	50	146	90
23	71	229	140	140	120	27	6.7	30.0	47.0	50	146	90
24	71	229	140	140	120	27	6.8	20.0	47.0	50	146	90
25	71	229	140	140	120	27	6.8	10.0	47.0	50	146	90
26	71	229	140	140	120	27	6.8	9.1	47.0	50	146	90
27	71	229	140	140	120	27	50.0	9.1	47.0	50	146	90
28	71	229	140	140	120	27	50.0	9.1	47.0	50	146	90
29	71	-----	140	140	120	27	58.4	9.1	47.0	50	146	90
30	71	-----	140	140	120	27	58.4	9.1	47.0	50	146	90
31	71	-----	140	-----	120	-----	58.4	9.1	-----	50	-----	90
Mean	81	229	140	140	120	33	14.4	18.3	25.0	50	146	90
Max.	100	229	140	140	120	44	58.4	71.9	47.0	50	146	90
Min.	71	229	140	140	120	27	6.6	6.3	9.1	50	146	90
A. F.	4978	12718	8608	8331	7379	2003	888	1127	1519	3074	8687	5533
Total Acre Feet	64,845.											

## DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR PALISADE—1927

Sec. 32, Twp. 5, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	138	138	291	301	97	10	11	16	8	73	52	101
2	138	138	291	301	97	10	11	16	8	73	52	101
3	138	138	291	301	97	10	11	16	8	73	52	101
4	138	138	291	301	97	10	11	16	8	73	52	101
5	138	138	291	301	97	10	11	16	8	73	52	101
6	138	138	291	301	97	10	11	16	8	73	52	101
7	138	138	291	301	97	10	11	16	8	73	52	101
8	138	138	291	301	97	10	11	16	8	73	52	101
9	138	138	291	301	97	10	11	16	8	73	52	101
10	138	138	291	301	97	10	11	16	8	73	52	101
11	138	138	291	301	97	25	11	14	8	73	52	101
12	138	138	291	301	97	25	11	14	8	73	52	101
13	138	138	291	301	97	25	11	14	8	73	52	101
14	138	138	291	301	97	25	11	14	8	73	52	101
15	138	138	291	301	97	25	11	14	8	73	52	101
16	138	138	291	301	97	25	11	14	8	73	52	101
17	138	138	291	301	97	25	11	14	8	73	52	101
18	138	138	291	301	97	25	11	14	8	73	52	101
19	138	138	291	301	97	25	11	14	8	73	52	101
20	138	138	291	301	97	25	11	14	8	73	52	101
21	138	138	291	100	10	57	11	14	8	73	120	101
22	138	138	291	100	10	57	11	14	8	73	120	101
23	138	138	291	100	10	57	11	14	8	73	120	101
24	138	138	291	100	10	57	11	14	8	73	120	101
25	138	138	291	100	10	57	11	14	8	73	120	101
26	138	138	291	100	10	57	11	14	8	73	120	101
27	138	138	291	100	10	57	11	14	8	73	120	101
28	138	138	291	100	10	57	11	14	8	73	120	101
29	138	-----	291	100	10	57	11	14	8	73	120	101
30	138	-----	291	100	10	57	11	14	8	73	120	101
31	138	-----	291	-----	10	-----	11	14	-----	73	-----	101
Mean	138	138	291	234	66	30	11	12.7	8	73	75	101
Max.	138	138	291	301	97	57	11	16	8	73	120	101
Min.	138	138	291	100	10	10	11	14	8	73	52	101
A. F.	8485	7664	17893	13924	4066	1824	676	781	476	4488	4443	6208
Total Acre Feet	70,923.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR PALISADE—1928  
Sec. 32, Twp. 5, Rge. 33 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	136	160	143	114	114	290	157	123	74	64	213	134
2	136	160	143	114	114	290	157	123	74	64	213	134
3	136	160	143	114	114	290	157	123	74	64	213	134
4	136	160	143	114	114	290	157	123	74	64	213	134
5	136	160	143	114	114	290	157	123	74	64	213	134
6	136	160	143	114	114	290	157	123	74	64	213	134
7	136	160	143	114	114	290	157	123	74	64	213	134
8	136	160	143	114	114	290	157	123	74	64	213	134
9	136	160	143	114	114	290	157	123	74	64	213	134
10	136	160	143	114	114	290	157	123	74	64	213	134
11	136	160	143	114	114	290	157	123	41	64	213	134
12	136	160	143	114	114	290	157	123	41	64	213	134
13	136	160	143	114	114	290	157	123	41	64	213	134
14	136	160	143	114	114	290	157	123	41	64	213	134
15	136	160	143	114	114	290	157	123	41	64	213	134
16	136	160	135	114	120	290	339	123	41	77	169	134
17	136	160	135	114	150	290	339	123	41	77	169	134
18	136	160	135	114	175	290	339	123	41	77	169	134
19	136	160	135	114	200	290	339	123	41	77	169	134
20	136	160	135	114	235	290	339	123	41	77	169	134
21	136	160	135	114	200	290	339	123	41	77	169	134
22	136	160	135	114	150	290	339	123	41	77	169	134
23	136	160	135	114	100	290	339	123	41	77	169	134
24	136	160	135	114	100	290	339	123	41	77	169	134
25	136	160	135	114	100	290	339	123	41	77	169	134
26	136	160	135	114	100	290	339	123	41	77	169	134
27	136	160	135	114	100	290	339	123	41	77	169	134
28	136	160	135	114	100	290	339	123	41	77	169	134
29	136	160	135	114	100	290	339	123	41	77	169	134
30	136	160	135	114	100	290	339	123	41	77	169	134
31	136	160	135	114	100	290	339	123	41	77	169	134
Mean	136	160	139	114	156	290	250	123	52	73	200	134
Max.	136	160	143	114	235	290	339	123	74	77	213	134
Min.	136	160	135	114	100	290	157	123	41	64	169	134
A. F.	8362	9203	8539	6783	7617	17256	15430	7563	3094	4348	12357	8239
Total Acre Feet	108,791.											

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CULBERTSON—1922  
Sec. 16, Twp. 2, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	130	130	177	111	63	33	22	27	110	60	46	186
2	130	130	176	108	62	32	22	28	108	58	48	186
3	130	130	174	106	60	32	21	28	106	57	50	186
4	130	130	172	104	59	31	21	29	103	55	52	187
5	130	130	170	100	58	30	21	30	101	54	54	187
6	130	130	168	98	57	30	21	32	99	53	58	187
7	130	130	166	97	56	29	21	34	97	52	60	187
8	130	131	164	96	55	29	21	36	95	50	62	187
9	130	132	162	94	54	28	20	38	93	49	66	188
10	130	134	160	92	53	28	20	39	91	48	68	188
11	130	135	158	90	52	28	20	41	89	48	72	188
12	130	137	156	88	51	27	20	44	87	47	76	188
13	130	138	154	87	50	27	20	46	85	46	80	188
14	130	139	152	86	49	26	21	50	83	45	83	188
15	130	140	150	84	48	26	21	53	82	44	86	188
16	130	146	148	82	47	26	21	58	80	44	92	189
17	130	152	146	80	46	25	21	62	78	43	98	189
18	130	160	144	79	45	25	21	66	77	42	100	189
19	130	163	142	78	44	25	22	70	76	42	109	189
20	130	180	140	77	43	24	22	76	74	41	118	189
21	130	184	136	76	42	24	22	82	72	41	130	189
22	130	188	134	75	41	24	22	90	70	41	140	190
23	130	186	132	74	40	24	22	100	69	41	150	190
24	130	185	130	72	39	23	22	114	67	41	160	190
25	130	184	126	71	38	23	23	120	66	41	170	190
26	130	183	124	70	37	23	23	128	65	42	180	191
27	130	180	120	68	36	23	24	124	64	42	186	192
28	130	178	117	66	35	23	25	120	63	43	186	192
29	130	-----	114	64	34	22	25	117	61	44	186	192
30	130	-----	112	64	34	22	26	114	60	45	186	192
31	130	-----	112	-----	33	-----	26	111	-----	46	-----	192
Mean	130	152.3	147.5	84.5	47.1	26.4	21.9	70.8	72.3	46.6	105	188.8
Max.	130	188	177	111	63	33	23	128	110	60	186	192
Min.	130	130	112	64	33	22	20	27	60	41	46	186
A. F.	7993	8462	8777	5032	2898	1571	1347	4358	4901	2866	6252	11613
Total Acre Feet	66,070.											

HYDROGRAPHIC REPORT—1928

587

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CULBERTSON—1923  
Sec. 16, Twp. 3, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	190	175	160	125	190	605	240	130	80	105	185	205
2	190	175	160	120	200	605	255	130	75	110	185	205
3	190	175	160	115	215	605	230	125	75	115	190	205
4	190	175	160	110	230	610	225	125	75	115	190	205
5	190	175	160	110	245	610	220	120	70	120	190	205
6	190	175	160	105	260	610	220	120	70	125	190	205
7	190	175	160	100	275	610	215	115	70	130	195	205
8	190	175	160	95	285	600	210	115	65	135	195	205
9	190	175	160	90	300	565	205	115	65	135	195	205
10	190	175	160	85	310	540	200	115	65	140	195	205
11	185	170	165	80	325	515	200	110	60	145	195	205
12	185	170	165	75	340	490	195	110	60	152	195	205
13	185	170	165	75	355	465	190	110	60	150	195	205
14	185	170	165	70	370	445	185	110	60	155	194	205
15	185	170	165	65	385	420	180	105	60	155	200	205
16	185	165	165	60	400	400	180	105	55	160	200	205
17	185	165	165	60	410	375	175	105	55	160	200	205
18	185	165	165	60	435	350	170	100	55	165	200	205
19	185	165	165	60	435	325	168	100	55	165	200	205
20	185	165	165	60	450	300	165	95	60	170	200	205
21	180	160	165	60	465	280	160	95	65	170	200	205
22	180	160	165	60	480	275	160	95	70	170	200	205
23	180	160	165	75	495	270	155	95	75	175	200	205
24	180	160	165	90	505	265	150	90	80	175	200	205
25	180	160	165	100	520	260	150	90	80	175	200	205
26	180	160	150	120	535	260	145	90	85	180	200	205
27	180	160	150	135	555	255	145	85	90	180	200	250
28	180	160	140	150	570	250	140	85	95	180	200	205
29	180	-----	140	160	585	245	140	85	95	185	200	205
30	180	-----	140	160	585	245	140	85	100	185	200	205
31	180	-----	130	-----	600	-----	135	80	-----	185	-----	205
Mean	185	168	159	94	396	421	181	104	71	149	196	205
Max.	190	175	160	175	600	610	240	130	100	185	200	205
Min.	180	160	150	60	190	240	135	80	55	105	185	205
A. F.	11365	9332	9749	5643	24406	25081	11153	6407	4213	9188	11682	4355
Total Acre Feet	132,574.											

DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CULBERTSON—1924  
Sec. 16, Twp. 3, Rge. 31 W.

Date	* Jan	Feb.	* Mar.	Apr.	May	June	* July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	220	216	210	170	140	112	104	106	16	100	160	200
2	220	216	210	170	140	112	104	106	16	100	160	200
3	220	216	210	170	140	112	104	106	16	100	160	200
4	220	216	210	170	140	112	104	106	16	100	160	200
5	220	216	210	170	140	112	104	106	16	100	160	200
6	220	216	210	170	140	112	104	106	16	100	160	200
7	220	216	210	170	140	112	104	106	16	100	160	200
8	220	216	210	170	140	112	104	106	16	100	160	200
9	220	216	210	170	140	112	104	106	16	100	160	200
10	220	216	210	170	140	112	104	106	16	100	160	200
11	220	216	200	160	125	108	104	80	40	100	160	200
12	220	216	200	160	125	108	104	80	40	100	160	200
13	220	216	200	160	125	108	104	80	40	100	160	200
14	220	216	200	160	125	108	104	80	40	100	160	200
15	220	216	200	160	125	108	104	80	40	100	160	200
16	220	216	200	160	125	108	106	80	40	100	160	200
17	220	216	200	160	125	108	106	80	40	100	160	200
18	220	216	200	160	125	108	106	80	40	100	160	200
19	220	216	200	160	125	108	106	80	40	100	160	200
20	220	216	200	160	125	108	106	80	40	100	160	200
21	220	216	180	150	116	104	106	40	70	100	160	200
22	220	216	180	150	116	104	106	40	70	100	160	200
23	220	216	180	150	116	104	106	40	70	100	160	200
24	220	216	180	150	116	104	106	40	70	100	160	200
25	220	216	180	150	116	104	106	40	70	100	160	200
26	220	216	180	150	116	104	106	40	70	100	160	200
27	220	216	180	150	116	104	106	40	70	100	160	200
28	220	216	180	150	116	104	106	40	70	100	160	200
29	220	216	180	150	116	104	106	40	70	100	160	200
30	220	-----	180	150	116	104	106	40	70	100	160	200
31	220	-----	180	-----	116	-----	106	40	-----	100	-----	200
Mean	220	216	196	160	126	108	105	74	42	100	160	200
Max.	220	216	210	170	140	112	106	106	70	100	160	200
Min.	220	216	180	150	116	104	104	40	16	100	160	200
A. F.	13527	12424	12059	9520	7787	6426	6458	4562	2499	6148	9520	12297
Total Acre Feet	103,227.											

\*Estimated.

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CULBERTSON—1925**  
 Sec. 16, Twp. 3, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	200	225	289	230	181	181	34.0	30	25.0	75.4	73.3	181
2	200	225	289	230	181	181	34.0	30	25.0	75.4	73.3	181
3	200	225	289	230	181	181	34.0	30	25.0	75.4	73.3	181
4	200	225	289	230	181	181	34.0	30	21.0	75.4	73.3	181
5	200	225	289	230	181	181	34.0	30	21.0	75.4	73.3	181
6	200	225	289	230	181	181	15.0	30	21.0	75.4	73.3	181
7	200	225	289	230	181	181	15.0	30	21.0	75.4	73.3	181
8	200	225	289	230	181	181	15.0	23	21.0	75.4	100.0	181
9	200	225	289	230	181	45	15.0	23	21.0	75.4	100.0	181
10	200	225	289	230	181	45	15.0	23	21.0	75.4	100.0	181
11	200	289	289	230	181	45	15.0	23	21.0	75.4	100.0	181
12	200	289	289	230	181	45	15.0	23	21.0	73.3	100.0	181
13	200	289	289	230	181	45	4	23	21.0	73.3	100.0	181
14	200	289	289	181	181	45	4	23	21.0	73.3	100.0	181
15	200	289	289	181	181	45	4	23	21.0	73.3	100.0	181
16	200	289	289	181	181	45	4	23	21.0	73.3	100.0	181
17	200	289	289	181	181	45	4	23	21.0	73.3	100.0	181
18	200	289	289	181	181	45	30.1	23	21.0	73.3	181.0	181
19	200	289	230	181	181	45	30.1	23	75.4	73.3	181.0	181
20	200	289	230	181	181	45	30.1	200	75.4	73.3	181.0	181
21	200	289	230	181	181	45	30.1	150	75.4	73.3	181.0	181
22	200	289	230	181	181	45	30.1	100	75.4	73.3	181.0	181
23	200	289	230	181	181	45	30.1	50	75.4	73.3	181.0	181
24	200	289	230	181	181	45	30.1	25	75.4	73.3	181.0	181
25	200	289	230	181	181	34	30.1	25	75.4	73.3	181.0	181
26	200	289	230	181	181	34	30.1	25	75.4	73.3	181.0	181
27	200	289	230	181	181	34	30.1	25	75.4	73.3	181.0	181
28	200	289	230	181	181	34	30.1	25	75.4	73.3	181.0	181
29	200	.....	230	181	181	34	30.1	25	75.4	73.3	181.0	181
30	200	.....	230	181	181	34	30.1	25	75.4	73.3	181.0	181
31	200	.....	230	.....	181	.....	30.1	25	.....	73.3	.....	181
Mean	200	217	264	202	181	68	22.2	36	43.1	76.5	127.0	181
Max.	200	289	289	230	181	181	30.1	200	75.4	75.4	181.0	181
Min.	200	225	230	181	181	34	4	23	21.0	73.3	73.3	181
A. F.	12298	11914	16249	12034	11129	4070	1384	2233	2569	4552	7563	11129
Total Acre Feet	97,124.											

**DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CULBERTSON—1926**  
 Sec. 16, Twp. 3, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	189	161	149	129	37	30	96	33	70	66	83	*
2	189	161	149	129	37	30	96	33	70	66	83	.....
3	189	161	149	129	37	30	96	33	70	66	83	.....
4	189	161	149	129	37	30	96	33	70	66	83	.....
5	189	161	149	129	37	30	96	33	70	66	83	.....
6	189	161	149	129	37	30	96	33	70	66	83	.....
7	189	161	149	129	37	30	96	33	70	66	83	.....
8	189	161	149	129	37	30	96	33	70	66	83	.....
9	189	161	149	129	37	30	96	33	70	66	83	.....
10	189	161	149	129	37	30	96	33	70	66	83	.....
11	189	161	133	34	84	30	96	75	70	66	83	.....
12	189	161	133	34	84	30	96	75	70	66	83	.....
13	189	161	133	34	84	30	96	75	70	66	83	.....
14	189	161	133	34	84	30	96	75	70	66	83	.....
15	189	161	133	34	84	30	96	75	70	66	83	.....
16	189	161	133	34	84	400	96	75	70	66	83	.....
17	189	161	133	34	84	490	96	75	70	66	83	.....
18	189	161	133	34	84	450	96	75	70	66	83	.....
19	189	161	133	34	84	300	96	75	70	66	83	.....
20	189	161	133	34	84	100	96	75	70	66	83	.....
21	189	161	133	34	31	75	96	75	70	66	83	.....
22	189	161	133	34	31	50	96	75	70	66	83	.....
23	189	161	133	34	31	40	96	75	70	66	83	.....
24	189	161	133	34	31	40	96	75	70	66	83	.....
25	189	161	133	34	31	40	96	75	70	66	83	.....
26	189	161	133	34	31	37	96	75	70	66	83	.....
27	189	161	133	34	31	37	96	75	70	66	83	.....
28	189	161	133	34	31	37	96	75	70	66	83	.....
29	189	.....	133	34	31	37	96	75	70	66	83	.....
30	189	.....	133	34	31	37	96	75	70	66	83	.....
31	189	.....	133	.....	31	.....	96	75	.....	66	.....	.....
Mean	189	161	133	65	50	87	96	61	70	66	83	.....
Max.	189	161	149	129	84	490	96	75	70	66	83	.....
Min.	189	161	133	34	31	30	96	33	70	66	83	.....
A. F.	11621	8942	8484	3907	3076	5197	5903	3778	4165	4058	4939	.....
*No Record.												

## HYDROGRAPHIC REPORT—1928

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### DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CULBERTSON—1927 Sec. 16, Twp. 3, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	200	198	261	261	196	200	32	48	30	68	71	100
2	200	198	261	261	196	200	32	48	30	68	71	100
3	200	198	261	261	196	200	32	48	30	68	71	100
4	200	198	261	261	196	200	32	48	30	68	71	100
5	200	198	261	261	196	200	32	48	30	68	71	100
6	200	198	261	261	196	200	32	48	30	68	71	100
7	200	198	261	261	196	200	32	48	30	68	71	100
8	200	198	261	261	196	200	32	48	30	68	71	100
9	200	198	261	261	196	200	32	48	30	68	71	100
10	200	198	261	261	196	200	32	48	30	68	71	100
11	200	198	261	261	161	130	32	48	30	68	71	100
12	200	198	261	261	161	130	32	48	30	68	71	100
13	200	198	261	261	161	130	32	48	30	68	71	100
14	200	198	261	261	161	130	32	48	30	68	71	100
15	200	198	261	261	161	130	32	48	30	68	71	100
16	200	198	261	522	161	130	32	48	30	68	71	100
17	200	198	261	522	161	130	32	48	30	68	71	100
18	200	198	261	522	161	260	32	48	30	68	71	100
19	200	198	261	522	161	260	32	48	30	68	71	100
20	200	198	261	522	161	130	32	48	30	68	71	100
21	200	198	261	300	161	200	42	35	30	68	71	100
22	200	198	261	300	161	200	42	35	30	68	71	100
23	200	198	261	300	161	200	42	35	30	68	71	100
24	200	198	261	300	161	200	42	35	30	68	71	100
25	200	198	261	300	161	200	42	35	30	68	71	100
26	200	198	261	196	63	162	42	35	30	68	71	100
27	200	198	261	196	63	162	42	35	30	68	71	100
28	200	198	261	196	63	162	42	35	30	68	71	100
29	200	.....	261	196	63	162	42	35	30	68	71	100
30	200	.....	261	196	63	162	42	35	30	68	71	100
31	200	.....	261	.....	63	.....	42	35	.....	68	.....	100
Mean	200	198	261	256	153	179	35	43	30	68	71	100
Max.	200	198	261	522	196	260	42	48	30	68	71	100
Min.	200	198	261	261	63	130	32	35	30	68	71	100
A. F.	12297	10996	16048	15272	9427	10651	2185	2667	1785	4046	4365	6148
Total Acre Feet	95,887.											

### DISCHARGE IN SECOND FEET, FRENCHMAN RIVER NEAR CULBERTSON—1928 Sec. 16, Twp. 3, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	167	176	135	144	437	505	229	136	78	67	191	161
2	167	176	135	144	437	505	229	136	78	67	191	161
3	167	176	135	144	437	505	229	136	78	67	191	161
4	167	176	135	144	437	505	229	136	78	67	191	161
5	167	176	135	144	437	505	229	136	78	67	191	161
6	167	176	135	144	437	505	229	136	78	67	191	161
7	167	176	135	144	437	505	229	136	78	67	191	161
8	167	176	135	144	437	505	229	136	78	67	191	161
9	167	176	135	144	437	505	229	136	78	67	191	161
10	167	176	135	144	437	505	229	136	78	67	191	161
11	167	176	135	144	437	505	229	136	78	67	191	161
12	167	176	135	144	437	505	229	136	78	67	191	161
13	167	176	135	144	437	505	229	136	78	67	191	161
14	167	176	135	144	437	505	229	136	78	67	191	161
15	167	176	135	144	437	505	229	136	78	67	191	161
16	167	176	166	144	437	505	202	136	58	127	179	161
17	167	176	166	144	437	505	202	136	58	127	179	161
18	167	176	166	144	437	505	202	136	58	127	179	161
19	167	176	166	144	437	505	202	136	58	127	179	161
20	167	176	166	144	437	505	202	136	58	127	179	161
21	167	176	166	144	437	505	202	136	58	127	179	161
22	167	176	166	144	437	505	202	136	58	127	179	161
23	167	176	166	144	437	505	202	136	58	127	179	161
24	167	176	166	144	437	505	202	136	58	127	179	161
25	167	176	166	144	437	505	202	136	58	127	179	161
26	167	176	166	144	437	505	202	136	58	127	179	161
27	167	176	166	144	437	505	202	136	58	127	179	161
28	167	176	166	144	437	505	202	136	58	127	179	161
29	167	176	166	144	437	505	202	136	58	127	179	161
30	167	.....	166	144	437	505	202	136	58	127	179	161
31	167	.....	166	.....	437	.....	202	136	.....	127	.....	161
Mean	167	176	151	144	437	505	215	136	68	98	186	161
Max.	167	176	166	144	437	505	229	136	78	127	191	161
Min.	167	176	135	144	437	505	202	136	58	67	179	161
A. F.	10268	10124	9285	8569	26870	30050	13222	8362	4046	6024	11008	9898
Total Acre Feet	147,726.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, GERING DRAIN—1923  
Sec. 6, Twp. 21, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.5	0.5	2.0	2.0	2.0	3.5	3.0	2.0	5.5	5.5	5.5	5.5
2	.5	.5	2.0	2.0	2.0	3.5	3.0	2.0	5.5	5.5	5.5	5.5
3	.5	.5	2.0	2.0	2.0	3.5	3.0	2.0	5.5	5.5	5.5	5.5
4	.5	.5	2.0	2.0	2.0	3.5	3.0	2.0	5.5	5.5	5.5	5.5
5	.5	.5	2.0	2.0	2.0	3.5	3.0	2.0	5.5	5.5	5.5	5.5
6	.5	1.0	2.0	2.0	2.0	3.5	3.0	3.0	5.5	5.5	5.5	5.5
7	.5	1.0	2.0	2.0	2.0	3.5	3.0	3.0	5.5	5.5	5.5	5.5
8	.5	1.0	2.0	2.0	2.0	3.5	3.0	3.0	5.5	5.5	5.5	5.5
9	.5	1.0	2.0	2.0	2.0	3.5	3.0	3.0	5.5	5.5	5.5	5.5
10	.5	1.0	2.0	2.0	2.0	3.5	3.0	3.0	5.5	5.5	5.5	5.5
11	.5	1.5	2.0	2.0	2.0	3.5	2.5	3.5	5.5	5.5	5.5	5.5
12	.5	1.5	2.0	2.0	2.0	3.5	2.5	3.5	5.5	5.5	5.5	5.5
13	.5	1.5	2.0	2.0	2.0	3.5	2.5	3.5	5.5	5.5	5.5	5.5
14	.5	1.5	2.0	2.0	2.0	3.5	2.5	3.5	5.5	5.5	5.5	5.5
15	.5	1.5	2.0	2.0	2.0	3.5	2.5	3.5	5.5	5.5	5.5	5.5
16	.5	1.5	2.0	2.0	2.5	3.0	2.0	15.0	5.5	5.5	5.5	5.0
17	.5	1.5	2.0	2.0	2.5	3.0	2.0	14.0	5.5	5.5	5.5	5.0
18	.5	1.5	2.0	2.0	2.5	3.0	2.0	12.0	5.5	5.5	5.5	5.0
19	.5	1.5	2.0	2.0	2.5	3.0	2.0	10.0	5.5	5.5	5.5	5.0
20	.5	1.5	2.0	2.0	2.5	3.0	2.0	7.0	5.5	5.5	5.5	5.0
21	.5	1.5	2.0	2.0	3.0	3.0	1.5	6.0	5.5	6.0	5.5	5.0
22	.5	1.5	2.0	2.0	3.0	3.0	1.5	5.5	5.5	6.0	5.5	5.0
23	.5	1.5	2.0	2.0	3.0	3.0	1.5	5.5	5.5	6.0	5.5	5.0
24	.5	1.5	2.0	2.0	3.0	3.0	1.5	5.5	5.5	6.0	5.5	5.0
25	.5	1.5	2.0	2.0	3.0	3.0	1.5	5.5	5.5	6.0	5.5	5.0
26	.5	1.5	2.0	2.0	3.5	3.0	2.0	5.5	5.5	6.0	5.5	5.0
27	.5	1.5	2.0	2.0	3.5	3.0	2.0	5.5	5.5	6.0	5.5	5.0
28	.5	1.5	2.0	2.0	3.5	3.0	2.0	5.5	5.5	6.0	5.5	5.0
29	.5	-----	2.0	2.0	3.5	3.0	2.0	5.5	5.5	6.0	5.5	5.0
30	.5	-----	2.0	2.0	3.5	3.0	2.0	5.5	5.5	6.0	5.5	5.0
31	.5	-----	2.0	-----	3.5	-----	2.0	5.5	-----	6.0	-----	5.0
Mean	0.5	1.23	2.0	2.0	2.53	3.25	2.32	5.2	5.5	5.67	5.5	5.24
Max.	.5	1.5	2.0	2.0	3.5	3.5	3.0	15.0	5.5	6.0	5.5	5.5
Min.	.5	.5	2.0	2.0	2.0	3.0	1.5	2.0	5.5	5.5	5.5	5.0
A. F.	28	67	123	119	153	192	142	319	327	349	327	322
Total Acre Feet	2,471.											

DISCHARGE IN SECOND FEET, GERING DRAIN—1924  
Sec. 6, Twp. 21, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	6	6	5	4	5	5	7	11	11	9	9
2	4	6	6	5	4	5	5	7	11	11	9	9
3	4	6	6	5	4	5	5	7	12	11	9	9
4	4	6	6	5	4	5	5	7	13	11	9	9
5	4	6	6	5	4	5	5	7	13	11	9	9
6	4	6	6	5	4	5	6	7	13	11	9	9
7	4	6	6	5	4	5	6	7	14	11	9	9
8	4	6	6	5	4	5	6	7	14	11	9	9
9	4	6	6	5	4	5	6	7	14	11	9	9
10	4	6	6	5	4	5	6	7	14	11	9	9
11	4	6	6	5	4	5	6	7	13	10	9	9
12	4	6	6	5	4	5	6	7	13	10	9	9
13	4	6	6	5	4	5	6	7	13	10	9	9
14	4	6	6	5	4	5	6	7	13	10	9	9
15	4	6	6	5	4	5	6	7	13	10	9	9
16	5	6	6	5	4	5	6	8	12	9	9	9
17	5	6	6	5	4	5	6	8	12	9	9	9
18	5	6	6	5	4	5	6	8	12	9	9	9
19	5	6	6	5	4	5	6	8	12	9	9	9
20	5	6	6	5	4	5	6	8	12	9	9	9
21	5	6	6	4	5	5	7	9	12	9	9	9
22	5	6	6	4	5	5	7	9	12	9	9	9
23	5	6	6	4	5	5	7	9	12	9	9	9
24	5	6	6	4	5	5	7	9	12	9	9	9
25	5	6	6	4	5	5	7	9	12	9	9	9
26	6	6	6	4	5	5	7	10	11	9	9	9
27	6	6	6	4	5	5	7	10	11	9	9	9
28	6	6	6	4	5	5	7	10	11	9	9	9
29	6	6	6	4	5	5	7	10	11	9	9	9
30	6	-----	6	4	5	5	7	10	11	9	9	9
31	6	-----	6	-----	5	-----	7	10	-----	9	-----	9
Mean	5	6	6	5	4	5	6	8	12	10	9	9
Max.	6	6	6	5	5	5	7	10	14	11	9	9
Min.	4	6	6	4	4	5	5	7	11	9	9	9
A. F.	299	345	369	278	258	297	367	476	732	603	536	553
Total Acre Feet	5,113.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, GERING DRAIN—1925 Sec. 6, Twp. 21, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.7	5.1	5.8	5.3	4.9	2.3	18.0	58.0	13.3	12.4	15.8	12.0
2	5.7	5.1	5.8	5.3	4.9	2.3	18.0	58.0	13.3	12.4	15.8	12.0
3	5.7	5.1	5.8	5.3	4.9	2.3	18.0	58.0	13.3	12.4	15.8	12.0
4	5.7	5.1	5.8	5.3	4.9	2.3	18.0	58.0	13.3	12.4	15.8	12.0
5	5.7	5.1	5.8	5.3	4.9	2.3	18.0	58.0	13.3	12.4	15.8	12.0
6	5.7	5.1	5.8	5.3	4.9	2.3	18.0	13.3	13.3	12.4	15.8	12.0
7	5.7	5.1	5.8	5.3	4.9	2.3	18.0	13.3	13.3	12.4	15.8	12.0
8	5.7	5.1	5.8	5.3	4.9	2.3	18.0	13.3	13.3	12.4	15.8	12.0
9	5.7	5.1	5.8	5.3	4.9	2.3	18.0	13.3	13.3	12.4	15.8	12.0
10	5.7	5.1	5.8	5.3	4.9	2.3	18.0	13.3	13.3	12.4	15.8	12.0
11	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
12	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
13	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
14	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
15	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
16	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
17	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
18	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
19	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
20	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.9	12.0
21	5.7	5.1	5.8	4.8	4.9	32.5	18.0	13.3	13.3	12.4	15.9	12.0
22	5.7	5.1	5.8	4.8	4.9	32.5	18.0	13.3	13.3	12.4	15.9	12.0
23	5.7	5.1	5.8	4.8	4.9	32.5	18.0	13.3	13.3	12.4	15.9	12.0
24	5.7	5.1	5.8	4.8	4.9	32.5	18.0	13.3	13.3	12.4	15.9	12.0
25	5.7	5.1	5.8	4.8	4.9	32.5	18.0	13.3	13.3	12.4	15.8	12.0
26	5.7	5.1	5.8	4.8	4.9	18.0	18.0	13.3	56.5	12.4	15.8	12.0
27	5.7	5.1	5.8	4.8	4.9	18.0	18.0	13.3	56.5	12.4	15.8	12.0
28	5.7	5.1	5.8	4.8	4.9	18.0	18.0	13.3	56.5	12.4	15.8	12.0
29	5.7	-----	5.8	4.8	4.9	18.0	18.0	13.3	56.5	12.4	15.8	12.0
30	5.7	-----	5.8	4.8	4.9	18.0	18.0	13.3	56.5	12.4	15.8	12.0
31	5.7	-----	5.8	-----	4.9	-----	18.0	13.3	-----	12.4	-----	12.0
Mean	5.7	5.1	5.8	4.9	4.9	9.9	18.0	21.2	20.5	12.4	15.8	12.0
Max.	5.7	5.1	5.8	5.3	4.9	32.5	18.0	58.0	56.5	12.4	15.9	12.0
Min.	5.7	5.1	5.8	4.8	4.9	2.3	18.0	13.3	13.3	12.4	15.8	12.0
A. F.	351	284	357	295	301	591	1107	1261	1220	762	940	738
Total Acre Feet	8,207.											

## DISCHARGE IN SECOND FEET, GERING DRAIN—1926 Sec. 6, Twp. 21, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	11	6	7	81	68	74	67	38	88	21	20
2	12	11	6	7	81	68	74	67	38	88	21	20
3	12	11	6	7	81	68	74	67	38	88	21	20
4	12	11	6	7	81	68	74	67	38	88	21	20
5	12	11	6	7	81	68	74	67	38	88	21	20
6	12	11	6	7	81	68	74	67	38	88	21	20
7	12	11	6	7	81	68	74	67	38	88	21	20
8	12	11	6	7	81	68	74	67	38	88	21	20
9	12	11	6	7	81	68	74	67	38	88	21	20
10	12	11	6	7	81	68	74	67	38	88	21	20
11	12	11	6	7	81	68	74	67	38	88	21	20
12	12	11	6	7	81	68	74	67	38	88	21	20
13	12	11	6	7	81	68	74	67	38	88	21	20
14	12	11	6	7	81	68	74	67	38	88	21	20
15	12	11	6	7	81	68	74	67	38	88	21	20
16	12	11	6	7	30	68	74	67	38	88	21	20
17	12	11	6	7	30	68	74	67	38	88	21	20
18	12	11	6	7	30	68	74	67	38	88	21	20
19	12	11	6	7	30	68	74	67	38	88	21	20
20	12	11	6	7	30	68	74	67	38	88	21	20
21	12	11	6	7	30	50	59	67	38	88	21	20
22	12	11	6	7	30	50	59	67	38	88	21	20
23	12	11	6	7	30	50	59	67	38	88	21	20
24	12	11	6	7	30	50	59	67	38	88	21	20
25	12	11	6	7	30	50	59	67	38	88	21	20
26	12	11	6	7	30	50	59	67	38	88	21	20
27	12	11	6	7	30	50	59	67	38	88	21	20
28	12	11	6	7	30	50	59	67	38	88	21	20
29	12	-----	6	7	30	50	59	67	38	88	21	20
30	12	-----	6	7	30	50	59	67	38	88	21	20
31	12	-----	6	-----	30	-----	59	67	-----	88	-----	20
Mean	12	11	6	7	55	62	69	67	38	88	21	20
Max.	12	11	6	7	81	68	74	67	38	88	21	20
Min.	12	11	6	7	30	50	59	67	38	88	21	20
A. F.	738	611	369	416	3362	3689	4223	4120	2261	5236	1250	1230
Total Acre Feet	27,505.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, GERING DRAIN—1927  
Sec. 6, Twp. 21, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	12	15	17	22	37	46	89	65	38	29	21
2	9	12	15	17	22	37	46	89	65	38	29	21
3	9	12	15	17	22	37	46	89	65	38	29	21
4	9	12	15	17	22	37	46	89	65	38	29	21
5	9	12	15	17	22	37	46	89	65	38	29	21
6	9	12	15	17	22	37	46	89	65	38	29	21
7	9	12	15	17	22	37	46	89	65	38	29	21
8	9	12	15	17	22	37	46	89	65	38	29	21
9	9	12	15	17	22	37	46	89	65	38	29	21
10	9	12	15	17	22	37	46	89	65	38	29	21
11	9	12	15	17	22	37	46	89	65	38	29	21
12	9	12	15	17	22	37	46	89	65	38	29	21
13	9	12	15	17	22	37	46	89	65	38	29	21
14	9	12	15	17	22	37	46	89	65	38	29	21
15	9	12	15	17	22	37	46	89	65	38	29	21
16	9	12	15	17	22	37	46	89	65	38	23	21
17	9	12	15	17	22	37	46	89	65	38	23	21
18	9	12	15	17	22	37	46	89	65	38	23	21
19	9	12	15	17	22	37	46	89	65	38	23	21
20	9	12	15	17	22	37	46	89	65	38	23	21
21	15	12	15	25	37	37	46	91	65	38	23	21
22	15	12	15	25	37	37	46	91	65	38	23	21
23	15	12	15	25	37	37	46	91	65	38	23	21
24	15	12	15	25	37	37	46	91	65	38	23	21
25	15	12	15	25	37	37	46	91	65	38	23	21
26	15	12	15	25	37	37	46	91	65	38	23	21
27	15	12	15	25	37	37	46	91	65	38	23	21
28	15	12	15	25	37	37	46	91	65	38	23	21
29	15	---	15	25	37	37	46	91	65	38	23	21
30	15	---	15	25	37	37	46	91	65	38	23	21
31	15	---	15	---	37	---	46	91	---	38	---	21
Mean	11	12	15	19	27	37	46	87	65	38	26	21
Max.	15	12	15	25	37	37	46	91	65	38	29	21
Min.	9	12	15	17	22	37	46	89	65	38	23	21
A. F.	684	666	922	1170	1680	220	2828	5336	3868	2336	1547	1291
Total Acre Feet	22,548.											

DISCHARGE IN SECOND FEET, GERING DRAIN—1928  
Sec. 6, Twp. 21, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	16	12	16	13	29	59	31	31	43	37	44	32
2	16	12	16	13	29	59	31	31	43	37	44	32
3	16	12	16	13	29	59	31	31	43	37	44	32
4	16	12	16	13	29	59	31	31	43	37	44	32
5	16	12	16	13	29	59	31	31	43	37	44	32
6	16	12	16	13	29	59	31	31	43	37	44	32
7	16	12	16	13	29	59	31	31	43	37	44	32
8	16	12	16	13	29	59	31	31	43	37	44	32
9	16	12	16	13	29	59	31	31	43	37	44	32
10	16	12	16	13	29	59	31	31	43	37	44	32
11	16	12	16	13	33	59	31	31	43	37	44	32
12	16	12	16	13	33	59	31	31	43	37	44	32
13	16	12	16	13	33	59	31	31	43	37	44	32
14	16	12	16	13	33	59	31	31	43	37	44	32
15	16	12	16	13	33	59	31	31	43	37	44	32
16	16	12	16	9	33	59	31	31	43	37	41	32
17	16	12	16	9	33	59	31	31	43	37	41	32
18	16	12	16	9	33	59	31	31	43	37	41	32
19	16	12	16	9	33	59	31	31	43	37	41	32
20	16	12	16	9	33	59	31	31	43	37	41	32
21	16	12	16	9	33	59	129	31	73	37	41	32
22	16	12	16	9	33	59	129	31	73	37	41	32
23	16	12	16	9	33	59	129	31	73	37	41	32
24	16	12	16	9	33	59	129	31	73	37	41	32
25	16	12	16	9	33	59	129	31	73	37	41	32
26	16	12	16	9	33	59	129	31	73	37	41	32
27	16	12	16	9	33	59	129	31	73	37	41	32
28	16	12	16	9	33	59	129	31	73	37	41	32
29	16	12	16	9	33	59	129	31	73	37	41	32
30	16	---	16	9	33	59	129	31	73	37	41	32
31	16	---	16	---	33	---	129	31	---	37	---	32
Mean	16	12	16	11	32	59	66	31	53	37	42	32
Max.	16	12	16	13	33	59	129	31	73	37	44	32
Min.	16	12	16	9	29	59	31	31	43	37	41	32
A. F.	983	690	984	654	1950	3511	4044	1906	3154	2275	2529	1968
Total Acre Feet	24,648.											





STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, GRAVEL CREEK—1927  
Sec. 9, Twp. 14, Rge. 36 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
2	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
3	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
4	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
5	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
6	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
7	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
8	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
9	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
10	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
11	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
12	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
13	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
14	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
15	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
16	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
17	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
18	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
19	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
20	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
21	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
22	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
23	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
24	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
25	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
26	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
27	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
28	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
29	2.5	-----	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
30	2.5	-----	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
31	2.5	-----	2.5	-----	2.2	-----	3.2	2.5	-----	2.6	-----	2.6
Mean	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
Max.	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
Min.	2.5	2.5	2.5	2.4	2.2	2.3	3.2	2.5	2.1	2.6	2.6	2.6
A. F.	149	139	155	143	135	154	196	133	123	161	158	161
Total Acre Feet	1,807.											

DISCHARGE IN SECOND FEET, GRAVEL CREEK—1928  
Sec. 9, Twp. 14, Rge. 36 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	3	3	3	3	3	3	3	3	2	3	3
2	2	3	3	3	3	3	3	3	3	2	3	3
3	3	3	3	3	3	3	3	3	3	2	3	3
4	2	3	3	3	3	3	3	3	3	2	3	3
5	2	3	3	3	3	3	3	3	3	2	3	3
6	2	3	3	3	3	3	3	3	3	2	3	3
7	2	3	3	3	3	3	3	3	3	2	3	3
8	2	3	3	3	3	3	3	3	3	2	3	3
9	2	3	3	3	3	3	3	3	3	2	3	3
10	2	3	3	3	3	3	3	3	3	2	3	3
11	2	3	3	3	3	3	3	3	3	2	3	3
12	2	3	3	3	3	3	3	3	3	2	3	3
13	2	3	3	3	3	3	3	3	3	2	3	3
14	2	3	3	3	3	3	3	3	3	2	3	3
15	2	3	3	3	3	3	3	3	3	2	3	3
16	3	3	3	3	3	3	3	3	3	2	3	3
17	3	3	3	3	3	3	3	3	3	2	3	3
18	3	3	3	3	3	3	3	3	3	2	3	3
19	3	3	3	3	3	3	3	3	3	2	3	3
20	3	3	3	3	3	3	3	3	3	2	3	3
21	3	3	3	3	3	3	3	3	3	2	3	3
22	3	3	3	3	3	3	3	3	3	2	3	3
23	3	3	3	3	3	3	3	3	3	2	3	3
24	3	3	3	3	3	3	3	3	3	2	3	3
25	3	3	3	3	3	3	3	3	3	2	3	3
26	3	3	3	3	3	3	3	3	3	2	3	3
27	3	3	3	3	3	3	3	3	3	2	3	3
28	3	3	3	3	3	3	3	3	3	2	3	3
29	3	3	3	3	3	3	3	3	3	2	3	3
30	3	-----	3	3	3	3	3	3	3	2	3	3
31	3	-----	3	-----	3	-----	3	3	-----	2	-----	3
Mean	3	3	3	3	3	3	3	3	-----	2	-----	3
Max.	3	3	3	3	3	3	3	3	3	2	3	3
Min.	2	3	3	3	3	3	3	3	3	2	3	3
A. F.	155	172	184	178	184	178	184	184	178	123	178	184
Total Acre Feet	2,082.											

HYDROGRAPHIC REPORT—1928

595

DISCHARGE IN SECOND FEET, HORSE CREEK—1921  
Sec. 25, Twp. 23, Rge. 58 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	3	2.5	2.5	4	6	9	11	10	8	5	2
2	2	3	2.5	2.5	4	6	9	11	10	8	5	2
3	2	3	2.5	2.5	4	6	9	11	10	8	5	2
4	2	3	2.5	2.5	4	6	9	11	10	8	5	2
5	2	3	2.5	2.5	4	6	9	11	10	8	5	2
6	2	3	2.5	2.5	4	7	9	11	10	7	5	2
7	2	3	2.5	2.5	4	7	9	11	9	7	5	2
8	2	3	2.5	2.5	4	7	9	12	9	7	5	2
9	2	3	2.5	2.5	4	7	9	12	9	7	5	2
10	2	3	2.5	2.5	4	7	9	12	9	7	5	2
11	2	3	2.5	2.5	5	7	9	11	9	7	4	2
12	2	3	2.5	2.5	5	7	9	10	9	7	4	2
13	2	3	2.5	2.5	5	7	9	10	9	7	4	2
14	2	3	2.5	2.5	5	7	9	9	9	7	4	2
15	2	2	2.5	3	5	7	9	9	9	7	4	2
16	2	2	2.5	3	5	7	10	8	9	7	4	3
17	3	2	2.5	3	5	7	10	8	9	6	4	3
18	3	2	2.5	3	5	7	10	7	9	6	4	3
19	3	2	2.5	3	5	7	10	7	9	6	4	3
20	3	2	2.5	3	5	7	10	6	9	6	3	3
21	3	2	2.5	3	5	8	10	5	9	6	3	3
22	3	2	2.5	3	5	8	10	6	9	6	3	3
23	3	2	2.5	3	6	8	10	6	9	6	3	3
24	3	2	2.5	3	6	8	10	7	9	6	3	3
25	3	2	2.5	3	6	8	10	7	9	6	3	3
26	3	2	2.5	3	6	8	11	8	8	5	3	3
27	3	2	2.5	4	6	8	11	8	8	5	3	3
28	3	2	2.5	4	6	8	11	9	8	5	3	3
29	3	.....	2.5	4	6	8	11	9	8	5	3	3
30	3	.....	2.5	4	6	8	11	10	8	5	3	3
31	3	.....	3.0	.....	6	.....	11	10	.....	5	.....	3
Mean	2.5	2.1	2.5	2.9	5	7.1	9.7	9.1	9	6.5	3.9	2.5
Max.	2	3	3.0	4	6	8	11	12	10	8	5	3
Min.	2	2	2.5	2.5	4	6	9	5	8	5	3	2
A. F.	153	119	155	172	305	426	597	561	537	399	236	154
Total Acre Feet	3,814.											

DISCHARGE IN SECOND FEET, HORSE CREEK—1922  
Sec. 25, Twp. 23, Rge. 58 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	4	5	3	6	5	7	3	5	5	5	5
2	3	4	5	3	6	5	7	3	5	5	5	5
3	3	4	5	3	6	5	7	3	5	5	5	5
4	3	4	5	3	6	5	7	3	5	5	5	5
5	3	4	5	3	6	5	7	3	5	5	5	5
6	3	4	5	3	4	5	6	3	5	5	5	5
7	3	4	5	3	4	5	6	3	5	5	5	5
8	3	4	5	3	4	5	6	3	5	5	5	5
9	3	4	5	3	4	5	6	3	5	5	5	5
10	3	4	5	3	4	5	6	3	5	5	5	5
11	3	4	4	3	4	10	6	4	5	5	5	5
12	3	4	4	3	4	12	6	4	5	5	5	5
13	3	4	4	3	4	16	6	4	5	5	5	5
14	3	4	4	3	4	15	6	4	5	5	5	5
15	3	4	4	3	4	15	6	4	5	5	5	5
16	3	4	4	3	4	14	5	5	5	5	5	5
17	3	4	4	3	4	14	5	5	5	5	5	5
18	3	4	4	3	4	12	4	5	5	5	5	5
19	3	4	4	3	4	12	4	5	5	5	5	5
20	3	4	4	3	4	11	3	5	5	5	5	5
21	3	4	4	4	4	9	3	6	5	5	5	5
22	3	4	4	4	4	9	3	6	5	5	5	5
23	3	4	4	4	4	9	3	6	5	5	5	5
24	3	4	4	4	4	9	3	6	5	5	5	5
25	3	4	4	4	4	9	3	6	5	5	5	5
26	3	4	4	5	4	8	3	4	5	5	5	5
27	3	4	4	5	4	8	3	4	5	5	5	5
28	3	4	4	5	4	8	3	4	5	5	5	5
29	3	.....	4	5	4	8	3	4	5	5	5	5
30	3	.....	4	5	4	8	3	4	5	5	5	5
31	3	.....	4	.....	4	.....	3	4	.....	5	.....	5
Mean	3	4	4	4	4	9	5	4	5	5	5	5
Max.	3	4	5	5	6	15	7	6	5	5	5	5
Min.	3	4	4	3	4	5	3	3	5	5	5	5
A. F.	184	222	266	208	266	528	296	266	298	307	298	307
Total Acre Feet	3,436.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, HORSE CREEK—1923  
Sec. 25, Twp. 23, Rge. 58 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7	6	6	15	7	7	95	68	165	181	166	84
2	7	6	6	16	7	7	100	75	162	180	165	83
3	7	6	6	16	7	7	108	85	158	180	165	82
4	7	6	6	17	7	7	108	92	155	176	164	81
5	7	6	6	17	7	7	112	100	153	178	164	80
6	7	6	6	15	7	7	117	110	150	177	164	80
7	7	6	6	15	7	7	119	115	148	177	163	79
8	7	6	6	15	7	7	115	125	145	176	163	78
9	7	6	6	15	7	7	110	133	142	176	162	77
10	7	6	6	14	7	7	105	140	140	175	162	76
11	7	6	7	12	7	20	100	150	137	175	161	76
12	7	6	7	12	7	20	95	154	134	174	161	75
13	7	6	7	12	7	20	90	159	121	174	160	74
14	7	6	7	12	7	20	85	164	128	173	159	70
15	7	6	7	12	7	20	80	166	125	173	159	65
16	7	6	7	10	7	20	75	168	122	172	159	62
17	7	6	7	10	7	20	70	170	119	172	145	59
18	7	6	7	10	7	20	65	172	117	171	128	56
19	7	6	7	10	7	20	60	175	115	171	111	52
20	7	6	7	10	7	20	55	177	114	170	94	48
21	7	6	9	9	7	70	52	179	112	170	93	44
22	7	6	9	9	7	70	48	181	111	169	92	39
23	7	6	10	9	7	70	43	182	120	169	91	36
24	7	6	10	9	7	70	38	185	130	168	90	33
25	7	6	11	9	7	70	33	187	135	168	89	30
26	7	6	11	8	7	70	30	185	145	167	87	26
27	7	6	12	8	7	70	27	182	150	167	88	22
28	7	6	12	8	7	70	35	178	162	167	87	18
29	7	.....	12	8	7	70	45	175	170	166	86	12
30	7	.....	13	8	7	70	50	172	181	166	85	7
31	7	.....	14	.....	7	.....	60	169	.....	166	.....	7
Mean	7	6	8.2	11.7	7	32.3	74.8	150.7	139.2	172.5	132.1	54.9
Max.	7	6	14	17	7	70	119	187	181	181	166	84
Min.	7	6	6	8	7	7	27	68	111	166	85	7
A. F.	430	333	501	696	430	1923	4603	9270	8271	10607	7864	3392
Total Acre Feet	48,320.											

DISCHARGE IN SECOND FEET, HORSE CREEK—1924  
Sec. 25, Twp. 23, Rge. 58 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	68	104	107	72	85	200	115	83	85	59	62	30
2	68	106	106	71	86	204	112	84	86	58	61	30
3	68	108	104	71	87	208	117	86	88	57	61	30
4	68	112	102	70	88	212	122	87	89	56	60	30
5	68	114	100	70	89	216	128	88	100	56	60	30
6	68	116	98	69	90	221	133	89	98	55	58	30
7	68	118	96	69	94	226	138	91	96	54	58	30
8	68	120	95	68	98	232	140	92	94	53	58	30
9	68	122	94	68	102	228	136	94	92	52	58	30
10	68	124	92	68	106	224	132	96	90	51	58	30
11	68	126	90	79	110	220	129	98	87	50	54	16
12	68	128	89	70	114	215	126	96	84	49	54	16
13	68	130	88	70	118	210	123	95	81	48	54	16
14	68	132	86	70	122	205	120	94	79	49	54	16
15	68	130	85	70	125	198	118	94	76	50	54	16
16	71	129	84	72	131	193	115	93	74	51	52	16
17	73	127	82	73	136	188	112	92	72	52	52	16
18	76	125	80	74	141	183	109	91	72	53	52	16
19	78	124	79	75	144	178	106	90	71	54	52	16
20	80	122	79	76	148	172	103	88	70	55	52	16
21	82	120	78	76	152	167	100	87	69	56	50	16
22	84	118	77	77	156	162	97	86	68	57	50	16
23	86	116	77	78	160	157	94	85	67	58	50	16
24	88	115	76	79	165	151	91	83	66	59	50	16
25	90	114	76	80	170	146	88	82	65	60	50	16
26	92	113	75	80	174	140	85	81	64	61	48	16
27	94	112	75	81	176	135	82	80	63	62	48	16
28	96	110	74	82	180	130	79	79	63	63	48	16
29	98	108	74	83	184	125	78	80	61	64	46	16
30	100	.....	73	84	190	120	80	82	60	64	46	16
31	102	.....	73	.....	195	.....	82	84	.....	64	.....	16
Mean	78	119	86	74	133	186	109	88	78	56	54	21
Max.	102	132	107	84	195	200	140	98	100	64	62	30
Min.	68	104	73	69	85	120	78	79	60	48	46	16
A. F.	4780	6829	5284	4395	8166	11040	6724	5414	4620	3431	3193	1262
Total Acre Feet	65,138.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, HORSE CREEK—1925

Sec. 25, Twp. 23, Rge. 58 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
2	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
3	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
4	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
5	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
6	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
7	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
8	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
9	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
10	59.4	164.2	21.3	11.6	110.0	71.2	43.6	220.6	47.8	62.0	60.0	50.6
11	59.4	100.0	21.3	11.6	110.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
12	59.4	100.0	21.3	11.6	110.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
13	59.4	100.0	21.3	11.6	110.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
14	59.4	100.0	21.3	11.6	110.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
15	59.4	100.0	21.3	11.6	110.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
16	59.4	100.0	21.3	11.6	110.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
17	59.4	100.0	21.3	11.6	110.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
18	59.4	100.0	21.3	11.6	100.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
19	59.4	100.0	21.3	11.6	100.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
20	59.4	100.0	21.3	11.6	100.0	71.2	43.6	100.0	47.8	62.0	60.0	50.6
21	59.4	50.0	21.3	109.1	200.0	43.5	43.6	50.0	100.0	62.0	60.0	50.6
22	59.4	50.0	21.3	109.1	395.0	43.5	43.6	50.0	100.0	62.0	60.0	50.6
23	59.4	50.0	21.3	109.1	200.0	43.5	43.6	50.0	100.0	62.0	60.0	50.6
24	59.4	50.0	21.3	109.1	100.0	43.5	43.6	50.0	100.0	62.0	60.0	50.6
25	59.4	50.0	21.3	109.1	100.0	43.5	43.6	50.0	100.0	62.0	60.0	50.6
26	59.4	50.0	21.3	109.1	100.0	43.5	43.6	50.0	100.0	62.0	60.0	50.6
27	59.4	50.0	21.3	109.1	100.0	43.5	43.6	50.0	100.0	62.0	60.0	50.6
28	59.4	50.0	21.3	109.1	100.0	43.5	43.6	50.0	100.0	62.0	60.0	50.6
29	59.4	-----	21.3	109.1	100.0	43.5	43.6	50.0	158.0	62.0	60.0	50.6
30	59.4	-----	21.3	109.1	100.0	43.5	43.6	50.0	158.0	62.0	60.0	50.6
31	59.4	-----	21.3	-----	160.0	-----	43.6	50.0	-----	62.0	-----	50.6
Mean	59.4	108.0	21.3	44.1	122.0	61.0	43.6	121.0	69.0	62.0	60.0	50.6
Max.	59.4	164.2	21.3	109.1	395.0	71.2	43.6	220.6	158.0	62.0	60.0	50.6
Min.	59.4	50.0	21.3	11.6	100.0	43.5	43.6	50.0	47.8	62.0	60.0	50.6
A. F.	3652	6034	1310	2624	7527	3632	2681	7450	4110	3813	3689	3111
Total Acre Feet	49,632.											

## DISCHARGE IN SECOND FEET, HORSE CREEK—1926

Sec. 25, Twp. 23, Rge. 58 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	60	67	28	16	80	255	270	298	284	84	50	50
2	60	67	28	16	80	255	270	298	284	84	50	50
3	60	67	28	16	80	255	270	298	284	84	50	50
4	60	67	28	16	80	255	270	298	284	84	50	50
5	60	67	28	16	80	255	270	298	284	84	50	50
6	60	67	28	16	80	255	270	298	284	84	50	50
7	60	67	28	16	80	255	270	298	284	84	50	50
8	60	67	28	16	80	255	270	298	284	84	50	50
9	60	67	28	16	80	255	270	298	284	84	50	50
10	60	67	28	16	80	255	270	298	284	84	50	50
11	60	67	28	16	80	255	270	298	284	84	50	50
12	60	67	28	16	80	255	270	298	284	84	50	50
13	60	67	28	16	80	255	270	298	284	84	50	50
14	60	67	28	16	80	255	270	298	284	84	50	50
15	60	67	28	16	80	255	270	298	284	84	50	50
16	60	67	28	16	132	255	270	298	284	84	50	50
17	60	67	28	16	132	255	270	298	284	84	50	50
18	60	67	28	16	132	255	270	298	284	84	50	50
19	60	67	28	16	132	255	270	298	284	84	50	50
20	60	67	28	16	132	255	270	298	284	84	50	50
21	60	67	28	16	132	284	201	119	284	92	50	50
22	60	67	28	16	132	284	201	119	284	92	50	50
23	60	67	28	16	132	284	201	119	284	92	50	50
24	60	67	28	16	132	284	201	119	284	92	50	50
25	60	67	28	16	132	284	201	119	284	92	50	50
26	60	67	28	16	132	284	201	119	284	92	50	50
27	60	67	28	16	132	284	201	119	284	92	50	50
28	60	67	28	16	132	284	201	119	284	92	50	50
29	60	---	28	16	132	284	201	119	284	92	50	50
30	60	---	28	16	132	284	201	119	284	92	50	50
31	60	---	28	---	132	---	201	119	---	92	---	50
Mean	60	67	28	16	107	264	246	234	284	87	50	50
Max.	60	67	28	16	132	284	270	298	284	92	50	50
Min.	60	67	28	16	80	255	201	119	284	84	50	50
A. F.	3689	3721	1725	952	6569	15749	15098	14438	16899	5339	2975	3074
Total Acre Feet	90,228.											

**DISCHARGE IN SECOND FEET, HORSE CREEK—1927**  
 Sec. 25, Twp. 23, Rge. 58 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	41	101	100	108	264	227	495	680	300	142	135	52
2	41	101	100	108	264	227	495	680	300	142	135	52
3	41	101	100	108	264	227	495	680	300	142	135	52
4	41	101	100	108	264	227	495	680	300	142	135	52
5	41	101	100	108	264	227	495	680	300	142	135	52
6	41	101	100	108	264	227	495	680	300	142	135	52
7	41	101	100	108	264	227	495	680	300	142	135	52
8	41	101	100	108	264	227	495	680	300	142	135	52
9	41	101	100	108	264	227	495	680	300	142	135	52
10	41	101	100	108	264	227	495	680	300	142	135	52
11	41	101	50	108	264	227	495	325	300	142	135	52
12	41	101	50	108	264	227	495	325	300	142	135	52
13	41	101	50	108	264	227	495	325	300	142	135	52
14	41	101	50	108	264	227	495	325	300	142	135	52
15	41	101	50	108	264	227	495	325	300	142	135	52
16	41	101	50	108	264	227	495	325	300	142	204	52
17	41	101	50	108	264	227	495	325	300	142	204	52
18	41	101	50	108	264	227	495	325	300	142	204	52
19	41	101	50	108	264	227	495	325	300	142	204	52
20	41	101	50	108	264	227	495	325	300	142	204	52
21	66	101	32	108	170	227	495	325	300	142	204	52
22	66	101	32	108	170	227	495	325	300	142	204	52
23	66	101	32	108	170	227	495	325	300	142	204	52
24	66	101	32	108	170	227	495	325	300	142	204	52
25	66	101	32	108	170	227	495	325	300	142	204	52
26	66	101	32	108	170	227	495	325	300	142	204	52
27	66	101	32	108	170	227	495	325	300	142	204	52
28	66	101	32	108	170	227	495	325	300	142	204	52
29	66	-----	32	108	170	227	495	325	300	142	204	52
30	66	-----	32	108	170	227	495	325	300	142	204	52
31	66	-----	32	-----	170	-----	495	325	-----	142	-----	52
Mean	50	101	60	108	230	227	495	407	300	142	169	52
Max.	66	101	100	108	264	227	495	680	300	142	204	52
Min.	41	101	32	108	170	227	495	325	300	142	135	52
A. F.	3066	4599	2663	5416	13172	12498	29427	26015	17851	8731	10086	3197
Total Acre Feet	136,721.											

**DISCHARGE IN SECOND FEET, HORSE CREEK—1928**  
 Sec. 25, Twp. 23, Rge. 58 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	72	17	22	16	234	184	120	85	138	87	57	50
2	72	17	22	16	234	184	120	85	138	87	57	50
3	72	17	22	16	234	184	120	85	138	87	57	50
4	72	17	22	16	234	184	120	85	138	87	57	50
5	72	17	22	16	234	184	120	85	138	87	57	50
6	72	17	22	16	234	184	126	85	138	87	57	50
7	72	17	22	16	234	184	120	85	138	87	57	50
8	72	17	22	16	234	184	120	85	138	87	57	50
9	72	17	22	16	234	184	120	85	138	87	57	50
10	72	17	22	16	234	184	120	85	138	87	57	50
11	72	17	22	16	234	184	120	85	138	87	57	50
12	72	17	22	16	234	184	120	85	138	87	57	50
13	72	17	22	16	234	184	120	85	138	87	57	50
14	72	17	22	16	234	184	120	85	138	87	57	50
15	72	17	22	16	234	184	120	85	138	87	57	50
16	72	17	22	13	201	184	120	85	267	87	57	50
17	72	17	22	13	201	184	120	85	267	87	57	50
18	72	17	22	13	201	184	120	85	267	87	57	50
19	72	17	22	13	201	184	120	85	267	87	57	50
20	72	17	22	13	201	184	120	85	267	87	57	50
21	72	17	22	13	201	184	120	85	267	87	57	50
22	72	17	22	13	201	184	120	85	267	87	122	50
23	72	17	22	13	201	184	120	85	267	87	122	50
24	72	17	22	13	201	184	120	85	267	87	122	50
25	72	17	22	13	201	184	120	85	267	87	122	50
26	72	17	22	13	201	184	253	85	267	87	122	50
27	72	17	22	13	201	184	253	85	267	87	122	50
28	72	17	22	13	201	184	253	85	267	87	122	50
29	72	17	22	13	201	184	253	85	267	87	122	50
30	72	---	22	13	201	184	253	85	267	87	122	50
31	72	---	22	---	201	---	253	85	---	87	---	50
Mean	72	17	22	15	217	184	210	85	202	87	75	50
Max.	72	17	22	16	234	184	253	85	267	87	122	50
Min.	72	17	22	13	201	184	120	85	138	87	57	50
A. F.	4427	978	1353	863	12942	10949	8961	5226	12050	5350	4681	3074
Total Acre Feet	70,854.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, HORSE CREEK NEAR PARKS—1925  
Sec. 23, Twp. 1, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.6	1.6	2.1	1.0	1.6	1.6	1.6	1.6	0.0	1.0	1.8	1.4
2	1.6	1.6	2.1	1.0	1.6	1.6	1.6	1.6	.0	1.0	1.8	1.4
3	1.6	1.6	2.1	1.0	1.6	1.6	1.6	1.6	.0	1.0	1.8	1.4
4	1.6	1.6	2.1	1.0	1.6	1.6	1.6	1.6	.0	1.0	1.8	1.4
5	1.6	1.6	2.1	1.0	1.6	1.6	1.6	1.6	.0	1.0	1.8	1.4
6	1.6	1.6	1.0	1.0	1.6	1.6	1.6	1.6	.0	1.0	1.8	1.4
7	1.6	1.6	1.0	1.0	1.6	1.6	1.6	1.6	.0	1.0	1.8	1.4
8	1.6	1.6	1.0	1.0	1.6	1.6	1.6	1.6	.0	1.0	1.8	1.4
9	1.6	1.6	1.0	1.0	1.6	1.6	1.6	1.6	.0	1.0	1.8	1.4
10	1.6	1.6	1.0	1.0	1.6	1.6	1.6	1.1	.0	1.0	1.8	1.4
11	1.6	1.6	1.0	1.0	1.6	1.6	1.6	1.1	.0	1.0	1.8	1.4
12	1.6	1.6	1.0	1.0	1.6	1.6	1.6	1.1	.0	1.0	1.8	1.4
13	1.6	1.6	1.0	1.0	1.6	1.6	1.6	1.1	.0	1.8	1.8	1.4
14	1.6	1.6	1.0	1.0	1.6	1.6	1.6	1.1	.0	1.8	1.8	1.4
15	1.6	1.6	1.0	1.5	1.6	1.6	1.6	1.1	.0	1.8	1.8	1.4
16	1.6	1.6	1.0	1.5	1.6	1.6	1.6	1.1	.0	1.8	1.8	1.4
17	1.6	1.6	1.0	1.5	1.6	1.6	1.6	1.1	.0	1.8	1.8	1.4
18	1.6	2.1	1.0	1.5	1.6	1.6	1.6	1.1	.0	1.8	1.8	1.4
19	1.6	2.1	1.0	1.5	1.6	1.6	1.6	1.1	.0	1.8	1.4	1.4
20	1.6	2.1	1.5	1.5	1.6	1.6	1.6	1.1	.0	1.8	1.4	1.4
21	1.6	2.1	1.5	1.5	1.6	1.6	1.6	1.1	.0	1.8	1.4	1.4
22	1.6	2.1	1.5	1.5	1.6	1.6	1.6	1.1	.0	1.8	1.4	1.4
23	1.6	2.1	1.5	1.5	1.6	1.6	1.6	1.1	.0	1.8	1.4	1.4
24	1.6	2.1	1.5	1.5	1.6	1.6	1.6	.0	.0	1.8	1.4	1.4
25	1.6	2.1	1.5	1.5	1.6	1.6	1.6	.0	.0	1.8	1.4	1.4
26	1.6	2.1	1.5	1.5	1.6	1.6	1.6	.0	.0	1.8	1.4	1.4
27	1.6	2.1	1.5	1.5	1.6	1.6	1.6	.0	.0	1.8	1.4	1.4
28	1.6	2.1	1.5	1.5	1.6	1.6	1.6	.0	.0	1.8	1.4	1.4
29	1.6	-----	1.5	1.5	1.6	1.6	1.6	.0	.0	1.8	1.4	1.4
30	1.6	-----	1.5	1.5	1.6	1.6	1.6	.0	.0	1.8	1.4	1.4
31	1.6	-----	1.5	-----	1.6	-----	1.6	.0	-----	1.8	-----	1.4
Mean	1.6	1.7	1.0	1.0	1.6	1.6	1.6	1.0	0.0	1.5	1.7	1.4
Max.	1.6	2.1	2.1	1.5	1.6	1.6	1.6	1.6	.0	1.8	1.8	1.4
Min.	1.6	1.6	1.0	1.0	1.6	1.6	1.6	0.0	.0	1.0	1.4	1.4
A. F.	99	99	63	75	99	95	99	59	0	91	99	85
Total Acre Feet	963.											

DISCHARGE IN SECOND FEET, HORSE CREEK NEAR PARKS—1928  
Sec. 23, Twp. 1, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	1	1	1	2	2	2	1	1	1	2	1
2	2	1	1	1	2	2	2	1	1	1	2	1
3	2	1	1	1	2	2	2	1	1	1	2	1
4	2	1	1	1	2	2	2	1	1	1	2	1
5	2	1	1	1	2	2	2	1	1	1	2	1
6	2	1	1	1	2	2	2	1	1	1	2	1
7	2	1	1	1	2	2	2	1	1	1	2	1
8	2	1	1	1	2	2	2	1	1	1	2	1
9	2	1	1	1	2	2	2	1	1	1	2	1
10	2	1	1	1	2	2	2	1	1	1	2	1
11	2	1	1	1	2	2	2	1	1	1	2	1
12	2	1	1	1	2	2	2	1	1	1	2	1
13	2	1	1	1	2	2	2	1	1	1	2	1
14	2	1	1	1	2	2	2	1	1	1	2	1
15	2	1	1	1	2	2	2	1	1	1	2	1
16	2	1	2	1	2	2	2	1	1	1	1	1
17	2	1	2	1	2	2	2	1	1	1	1	1
18	2	1	2	1	2	2	2	1	1	1	1	1
19	2	1	2	1	2	2	2	1	1	1	1	1
20	2	1	2	1	2	2	2	1	1	1	1	1
21	2	1	2	1	2	2	2	1	1	1	1	1
22	2	1	2	1	2	2	2	1	1	2	1	1
23	2	1	2	1	2	2	2	1	1	2	1	1
24	2	1	2	1	2	2	2	1	1	2	1	1
25	2	1	2	1	2	2	2	1	1	2	1	1
26	2	1	2	1	2	2	2	1	1	2	1	1
27	2	1	2	1	2	2	2	1	1	2	1	1
28	2	1	2	1	2	2	2	1	1	2	1	1
29	2	1	2	1	2	2	2	1	1	2	1	1
30	2	-----	2	1	2	2	2	1	1	2	1	1
31	2	-----	2	-----	2	-----	2	1	1	2	1	1
Mean	2	-----	2	-----	2	-----	2	1	-----	2	-----	1
Max.	2	1	2	1	2	2	2	1	1	1	2	1
Min.	2	1	1	1	2	2	2	1	1	2	2	1
A. F.	123	58	94	59	123	119	123	60	59	83	89	61
Total Acre Feet	1,051.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, HOTH SEEP—1919  
Sec. 28, Twp. 21, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	4	3	5	13	16	21	*	*
2	...	...	...	...	4	3	5	13	16	21	...	...
3	...	...	...	...	3	3	5	13	16	20	...	...
4	...	...	...	...	3	3	5	13	16	19	...	...
5	...	...	...	...	3	3	5	14	16	19	...	...
6	...	...	...	...	3	4	6	14	20	18	...	...
7	...	...	...	...	3	4	6	14	20	18	...	...
8	...	...	...	...	3	4	6	14	23	18	...	...
9	...	...	...	...	3	4	6	14	22	18	...	...
10	...	...	...	...	3	4	6	14	22	18	...	...
11	...	...	...	...	3	4	8	14	22	18	...	...
12	...	...	...	...	3	4	8	14	21	18	...	...
13	...	...	...	...	3	4	8	14	21	18	...	...
14	...	...	...	...	3	4	8	14	21	18	...	...
15	...	...	...	...	3	4	8	15	20	18	...	...
16	...	...	...	...	3	4	9	15	21	18	...	...
17	...	...	...	...	3	4	9	15	20	19	...	...
18	...	...	...	...	3	4	9	15	19	18	...	...
19	...	...	...	...	3	4	9	15	18	18	...	...
20	...	...	...	...	3	4	9	15	18	18	...	...
21	...	...	...	...	3	4	11	15	18	17	...	...
22	...	...	...	...	3	4	11	15	18	17	...	...
23	...	...	...	...	3	4	11	15	18	16	...	...
24	...	...	...	...	3	4	11	16	19	16	...	...
25	...	...	...	...	3	4	11	16	20	16	...	...
26	...	...	...	...	3	5	12	16	21	15	...	...
27	...	...	...	...	3	5	12	16	22	15	...	...
28	...	...	...	...	3	5	12	16	23	14	...	...
29	...	...	...	...	3	5	12	16	23	14	...	...
30	...	...	...	...	3	5	12	16	22	14	...	...
31	...	...	...	...	3	...	13	16	...	15	...	...
Mean	...	...	...	...	3	4	8.7	14.7	19.7	16.8	...	...
Max.	...	...	...	...	4	5	13	16	23	21	...	...
Min.	...	...	...	...	3	3	5	13	16	14	...	...
A. F.	...	...	...	...	188	238	531	902	1180	1634	...	...
*No Record.												

DISCHARGE IN SECOND FEET, INDIAN CREEK—1922  
Sec. 19, Twp. 20, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	*	*	*	9.0	11.5	11.0	2.0
2	...	...	...	...	...	...	...	...	9.0	12.0	11.0	2.0
3	...	...	...	...	...	...	...	...	9.0	12.0	10.0	2.0
4	...	...	...	...	...	...	...	...	9.0	12.0	9.0	2.0
5	...	...	...	...	...	...	...	...	9.0	12.0	8.0	2.0
6	...	...	...	...	...	...	...	...	9.5	12.0	6.0	2.0
7	...	...	...	...	...	...	...	...	9.5	12.0	5.0	2.0
8	...	...	...	...	...	...	...	...	9.5	12.0	3.0	2.0
9	...	...	...	...	...	...	...	...	9.5	12.0	2.0	2.0
10	...	...	...	...	...	...	...	...	9.5	12.0	1.0	2.0
11	...	...	...	...	...	...	...	...	9.5	12.0	1.0	2.0
12	...	...	...	...	...	...	...	...	10.0	12.0	1.0	2.0
13	...	...	...	...	...	...	...	...	10.0	12.0	1.0	2.0
14	...	...	...	...	...	...	...	...	10.0	12.0	1.0	2.0
15	...	...	...	...	...	...	...	...	10.0	12.0	1.0	2.0
16	...	...	...	...	...	...	...	...	10.0	11.5	1.0	2.0
17	...	...	...	...	...	...	...	...	10.0	11.5	1.0	2.0
18	...	...	...	...	...	...	...	...	10.0	11.5	1.0	2.0
19	...	...	...	...	...	...	...	...	10.0	11.5	1.0	2.0
20	...	...	...	...	...	...	...	...	10.0	11.5	1.0	2.0
21	...	...	...	...	...	...	...	...	10.0	11.5	1.0	2.0
22	...	...	...	...	...	...	...	...	10.0	11.5	1.0	2.0
23	...	...	...	...	...	...	...	...	10.0	11.5	1.5	2.0
24	...	...	...	...	...	...	...	...	10.5	11.5	1.5	2.0
25	...	...	...	...	...	...	...	...	10.5	11.5	1.5	2.0
26	...	...	...	...	...	...	...	...	11.0	11.0	1.5	2.0
27	...	...	...	...	...	...	...	...	11.0	11.0	2.0	2.0
28	...	...	...	...	...	...	...	...	11.0	11.0	2.0	2.0
29	...	...	...	...	...	...	...	...	11.0	11.0	2.0	2.0
30	...	...	...	...	...	...	...	...	11.5	11.0	2.0	2.0
31	...	...	...	...	...	...	...	...	...	11.0	...	2.0
Mean	...	...	...	...	...	...	...	...	9.9	11.6	3.0	2.0
Max.	...	...	...	...	...	...	...	...	11.5	12.0	11.0	2.0
Min.	...	...	...	...	...	...	...	...	9.0	11.0	1.0	2.0
A. F.	...	...	...	...	...	...	...	...	592	715	182	123
*No Record.												

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, INDIAN CREEK—1923

Sec. 19, Twp. 20, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	4	3	2	2	1	5	9	14	7	4	8
2	3	4	3	2	2	1	5	11	14	7	4	7
3	3	4	3	2	2	1	5	12	14	7	4	7
4	3	4	3	2	2	2	5	14	14	7	4	6
5	3	4	3	2	2	2	5	15	14	7	4	6
6	4	4	3	2	2	2	5	17	13	6	5	6
7	4	4	3	2	2	2	5	19	13	6	5	5
8	4	4	3	2	2	2	5	20	13	6	5	5
9	4	4	3	2	2	3	5	21	13	6	4	5
10	4	4	3	2	2	3	5	23	13	6	4	4
11	4	3	2	2	2	3	5	23	12	5	4	4
12	4	3	2	2	2	3	5	22	12	5	4	4
13	4	3	2	2	2	4	5	22	11	5	4	4
14	4	3	2	2	2	4	5	21	11	5	4	4
15	4	3	2	2	2	4	5	21	11	5	4	4
16	5	3	2	2	2	4	5	21	10	4	3	4
17	5	3	2	2	2	4	5	20	10	4	3	4
18	5	3	2	2	2	5	5	20	10	4	3	4
19	5	3	2	2	2	5	5	19	10	4	4	4
20	5	3	2	2	2	5	5	19	10	4	4	4
21	4	3	2	2	2	5	5	18	9	3	5	4
22	5	3	2	2	2	5	5	18	9	3	5	4
23	5	3	2	2	2	5	5	17	9	3	6	4
24	5	3	2	2	2	5	5	17	9	3	6	4
25	5	3	2	2	2	5	6	16	9	3	7	4
26	5	3	2	2	1	5	6	16	9	4	7	4
27	5	3	2	2	1	5	7	16	8	4	7	4
28	5	3	2	2	1	5	7	15	8	4	7	4
29	5	---	2	2	1	5	8	15	8	4	8	4
30	5	---	2	2	1	5	9	14	8	4	8	4
31	4	---	2	---	1	---	9	14	---	4	---	4
Mean	4.3	3.2	2.3	2	1.8	3.7	3.5	17.6	10.7	4.8	4.8	4.6
Max.	5	4	3	2	2	5	9	23	14	7	8	8
Min.	3	3	2	2	1	1	5	9	8	3	3	4
A. F.	266	180	143	119	111	222	341	1081	650	296	289	284
Total Acre Feet	3,982.											

## DISCHARGE IN SECOND FEET, INDIAN CREEK—1924

Sec. 19, Twp. 20, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	2	2	4	6	18	3	11	16	22	10	8
2	4	2	2	4	6	18	3	11	16	20	10	8
3	4	2	2	4	6	18	4	11	17	18	10	8
4	4	2	2	4	6	18	4	11	19	16	10	8
5	4	2	2	4	6	18	4	11	21	16	10	8
6	4	2	2	4	6	18	5	12	23	15	10	8
7	4	2	2	4	6	17	5	12	25	15	10	8
8	4	2	2	4	6	17	6	12	27	15	10	8
9	4	2	2	4	6	16	6	12	29	15	10	8
10	4	2	2	4	6	15	6	12	31	15	10	8
11	4	2	2	4	6	15	7	13	33	14	10	8
12	4	2	2	4	6	14	7	13	35	14	10	8
13	4	2	2	4	6	13	7	13	37	14	10	8
14	4	2	2	4	6	12	7	13	39	14	10	8
15	4	2	2	4	6	12	7	13	41	14	10	8
16	4	2	2	4	6	11	8	13	43	13	10	8
17	4	2	2	4	6	10	8	14	45	14	10	8
18	4	2	2	4	6	10	8	14	49	13	10	8
19	4	2	2	4	6	9	8	14	49	13	10	8
20	4	2	2	4	6	9	8	14	51	13	10	8
21	4	2	2	4	6	8	9	15	48	11	10	8
22	4	2	2	4	6	7	9	15	45	11	10	8
23	4	2	2	4	6	7	9	15	42	11	10	8
24	4	2	2	4	6	6	9	15	39	11	10	8
25	4	2	2	4	6	6	9	15	36	11	10	8
26	4	2	2	4	6	5	10	16	34	10	10	8
27	4	2	2	4	6	5	10	16	32	10	10	8
28	4	2	2	4	6	4	10	16	30	10	10	8
29	4	2	2	4	6	3	10	16	27	10	10	8
30	4	---	2	4	6	3	10	16	24	10	10	8
31	4	---	2	---	6	---	10	16	---	10	---	8
Mean	4	2	2	4	6	11	7	14	33	13	10	8
Max.	4	2	2	4	6	18	10	16	51	22	10	8
Min.	4	2	2	4	6	3	3	11	16	10	10	8
A. F.	246	115	123	238	369	678	456	833	1986	827	595	492
Total Acre Feet	6,957.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, INDIAN CREEK—1925  
Sec. 19, Twp. 20, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7.7	5.8	6.7	4.0	2.9	3.9	15.0	26.0	18.0	40.0	12.0	11.5
2	7.7	5.8	6.7	4.0	2.9	3.9	15.0	25.0	18.0	20.0	12.0	11.5
3	7.7	5.8	6.7	4.0	2.9	3.9	15.0	27.0	18.0	20.0	12.0	11.5
4	7.7	5.8	6.7	4.0	2.9	10.0	27.0	20.0	20.0	20.0	12.0	11.5
5	7.7	5.8	6.7	4.0	2.9	3.9	25.0	27.0	24.0	20.0	12.0	11.5
6	7.7	5.8	6.7	4.0	2.9	3.9	35.0	50.0	35.0	15.0	12.0	11.5
7	7.7	5.8	6.7	4.0	2.9	3.9	45.0	50.0	20.0	15.0	12.0	11.5
8	7.7	5.8	6.7	4.0	2.9	14.0	30.0	15.0	45.0	15.0	12.0	11.5
9	7.7	5.8	6.7	4.0	2.9	3.9	25.0	15.0	51.8	15.0	12.0	11.5
10	7.7	5.8	6.7	4.0	2.9	3.9	25.0	45.0	51.8	15.0	12.0	11.5
11	7.7	5.8	6.7	4.0	2.9	21.0	25.0	45.0	55.0	11.2	12.0	11.5
12	7.7	5.8	6.7	4.0	2.9	14.0	25.0	30.0	55.0	11.2	12.0	11.5
13	7.7	5.8	6.7	4.0	38.0	24.0	40.0	25.0	50.0	11.2	12.0	11.5
14	7.7	5.8	6.7	4.0	30.0	19.0	40.0	30.0	50.0	11.2	12.0	11.5
15	7.7	5.8	6.7	4.0	8.0	8.0	15.0	40.0	55.0	11.2	12.0	11.5
16	7.7	5.8	6.7	4.0	16.0	8.0	15.0	40.0	45.0	11.2	12.0	11.5
17	7.7	5.8	6.7	4.0	25.0	10.8	15.0	35.0	48.0	11.2	12.0	11.5
18	7.7	5.8	6.7	4.0	35.7	10.0	15.0	43.0	50.0	11.2	12.0	11.5
19	7.7	5.8	6.7	4.0	20.0	10.0	15.0	20.0	50.0	11.2	12.0	11.5
20	7.7	5.8	6.7	4.0	5.0	10.0	15.0	23.0	35.0	11.2	12.0	11.5
21	7.7	5.8	4.0	4.0	20.0	20.0	50.0	15.0	38.0	13.2	12.0	11.5
22	7.7	5.8	4.0	4.0	23.0	25.0	40.0	21.0	35.0	13.2	12.0	11.5
23	7.7	5.8	4.0	4.0	18.0	30.0	15.0	18.0	35.0	13.2	12.0	11.5
24	7.7	5.8	4.0	4.0	10.0	15.0	27.0	33.0	27.0	13.2	12.0	11.5
25	7.7	5.8	4.0	4.0	5.0	35.0	30.0	33.0	34.6	13.2	12.0	11.5
26	7.7	5.8	4.0	4.0	3.9	17.2	50.0	40.0	36.0	13.2	12.0	11.5
27	7.7	5.8	4.0	4.0	3.9	17.2	30.0	35.0	45.0	13.2	12.0	11.5
28	7.7	5.8	4.0	4.0	3.9	17.2	36.0	27.0	51.3	13.2	12.0	11.5
29	7.7	-----	4.0	4.0	3.9	17.2	36.0	39.0	51.3	13.2	12.0	11.5
30	7.7	-----	4.0	4.0	3.9	17.2	38.0	18.7	40.0	13.2	12.0	11.5
31	7.7	-----	4.0	-----	3.9	-----	26.0	18.7	-----	13.2	-----	11.5
Mean	7.7	5.8	5.9	4.0	10.4	13.0	37.5	30.9	36.2	15.0	12.0	11.5
Max.	7.7	5.8	6.7	4.0	28.0	35.0	50.0	50.0	55.0	40.0	12.0	11.5
Min.	7.7	5.8	4.0	4.0	2.9	8.0	15.0	15.0	18.0	11.2	12.0	11.5
A. F.	474	321	353	238	619	795	1692	1843	2356	896	714	706
Total Acre Feet	11,007.											

DISCHARGE IN SECOND FEET, INDIAN CREEK—1926  
Sec. 19, Twp. 20, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	8	6	6	4	24	12	20	53	18	21	14
2	9	8	6	6	4	24	12	20	53	18	21	14
3	9	8	6	6	4	24	12	20	53	18	21	14
4	9	8	6	6	4	24	12	20	53	18	21	14
5	9	8	6	6	4	24	12	20	53	18	21	14
6	9	8	6	6	4	24	12	20	53	18	21	14
7	9	8	6	6	4	24	12	20	53	18	21	14
8	9	8	6	6	4	24	12	20	53	18	21	14
9	9	8	6	6	4	24	12	20	53	18	21	14
10	9	8	6	6	4	24	12	20	53	18	21	14
11	9	8	6	6	25	24	23	20	53	18	14	14
12	9	8	6	6	25	24	23	20	53	18	14	14
13	9	8	6	6	25	24	23	20	53	18	14	14
14	9	8	6	6	25	24	23	20	53	18	14	14
15	9	8	6	6	25	24	23	20	53	18	14	14
16	9	8	6	6	25	24	23	20	53	18	14	14
17	9	8	6	6	25	13	23	20	53	18	14	14
18	9	8	6	6	25	13	23	20	53	18	14	14
19	9	8	6	6	25	13	23	20	53	18	14	14
20	9	8	6	6	25	13	23	20	53	18	14	14
21	9	8	6	6	25	13	23	49	53	18	14	14
22	9	8	6	6	25	13	23	49	53	18	14	14
23	9	8	6	6	25	13	23	49	53	18	14	14
24	9	8	6	6	25	13	23	49	53	18	14	14
25	9	8	6	6	25	13	23	49	53	18	14	14
26	9	8	6	6	25	13	23	49	53	18	14	14
27	9	8	6	6	25	13	23	49	53	18	14	14
28	9	8	6	6	25	13	23	49	52	18	14	14
29	9	-----	6	6	25	13	23	49	53	18	14	14
30	9	-----	6	6	25	13	23	49	53	18	14	14
31	9	-----	6	-----	25	-----	23	49	-----	18	-----	14
Mean	9	8	6	6	18	18	19	30	53	18	16	14
Max.	9	8	6	6	25	25	23	49	53	18	21	14
Min.	9	8	6	6	4	13	12	20	53	18	14	14
A. F.	553	444	369	357	1120	1100	1196	1862	3154	1107	972	861
Total Acre Feet	13,095.											

# HYDROGRAPHIC REPORT—1928

603

## DISCHARGE IN SECOND FEET, INDIAN CREEK—1927

Sec. 19, Twp. 20, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	15	15	10	42	50	8	38	80	27	8	9
2	10	15	15	10	42	50	8	38	80	27	8	9
3	10	15	15	10	42	50	8	38	80	27	8	9
4	10	15	15	10	42	50	8	38	80	27	8	9
5	10	15	15	10	42	50	8	38	80	27	8	9
6	10	15	15	10	42	50	8	38	80	27	8	9
7	10	15	15	10	42	50	8	38	80	27	8	9
8	10	15	15	10	42	50	8	38	80	27	8	9
9	10	15	15	10	42	50	8	38	80	27	8	9
10	10	15	15	10	42	50	8	38	80	27	8	9
11	10	15	15	10	42	50	8	38	80	27	8	9
12	10	15	15	10	42	50	8	38	80	27	8	9
13	10	15	15	10	42	50	8	38	80	27	8	9
14	10	15	15	10	42	50	8	38	80	27	8	9
15	10	15	15	10	42	50	8	38	80	27	8	9
16	10	15	15	10	42	50	8	38	80	27	8	9
17	10	15	15	10	42	50	8	38	80	27	8	9
18	10	15	15	10	42	50	8	38	80	27	8	9
19	10	15	15	10	42	50	8	38	80	27	8	9
20	10	15	15	10	42	50	8	38	80	27	8	9
21	5	15	15	9	42	50	8	38	80	27	9	9
22	5	15	15	9	42	50	8	38	80	27	9	9
23	5	15	15	9	42	50	8	38	80	27	9	9
24	5	15	15	9	42	50	8	38	80	27	9	9
25	5	15	15	9	42	50	8	38	80	27	9	9
26	5	15	15	9	42	50	8	38	80	27	9	9
27	5	15	15	9	42	50	8	38	80	27	9	9
28	5	15	15	9	42	50	8	38	80	27	9	9
29	5	---	15	9	42	50	8	38	80	27	9	9
30	5	---	15	9	42	50	8	38	80	27	9	9
31	5	---	15	---	42	---	8	38	---	27	---	9
Mean	8	15	15	10	42	50	8	38	80	27	8	9
Max.	10	15	15	10	42	50	8	38	80	27	9	9
Min.	5	15	15	9	42	50	8	38	80	27	8	9
A. F.	503	833	863	575	2582	2975	492	2336	4760	1666	496	553
Total Acre Feet	18,637.											

## DISCHARGE IN SECOND FEET, INDIAN CREEK—1928

Sec. 19, Twp. 20, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	9	11	8	10	11	12	12	22	29	13	20
2	12	9	11	8	10	11	12	12	22	29	13	20
3	12	9	11	8	10	11	12	12	22	29	13	20
4	12	9	11	8	10	11	12	12	22	29	13	20
5	12	9	11	8	10	11	12	12	22	29	13	20
6	12	9	11	8	10	11	12	12	22	29	13	20
7	12	9	11	8	10	11	12	12	22	29	13	20
8	12	9	11	8	10	11	12	12	22	29	13	20
9	12	9	11	8	10	11	12	12	22	29	13	20
10	12	9	11	8	10	11	12	12	22	29	13	20
11	12	9	12	8	11	14	12	12	22	29	13	20
12	12	9	12	8	11	14	12	12	22	29	13	20
13	12	9	12	8	11	14	12	12	22	29	13	20
14	12	9	12	8	11	14	12	12	22	29	13	20
15	12	9	12	8	11	14	12	12	22	29	13	20
16	12	9	12	4	11	14	30	12	22	29	15	12
17	12	9	12	4	11	14	30	12	22	29	15	12
18	12	9	12	4	11	14	30	12	22	29	15	12
19	12	9	12	4	11	14	30	12	22	29	15	12
20	12	9	12	4	11	14	30	12	22	29	15	12
21	12	9	9	4	11	12	30	12	22	29	15	12
22	12	9	9	4	11	12	30	12	22	29	15	12
23	12	9	9	4	11	12	30	12	22	29	15	12
24	12	9	9	4	11	12	30	12	22	29	15	12
25	12	9	9	4	11	12	30	12	22	29	15	12
26	12	9	9	4	11	12	30	12	22	29	15	12
27	12	9	9	4	11	12	30	12	22	29	15	12
28	12	9	9	4	11	12	30	12	22	29	15	12
29	12	9	9	4	11	12	30	12	22	29	15	12
30	12	---	9	4	11	12	30	12	22	29	15	12
31	12	---	9	---	11	---	30	12	---	29	---	12
Mean	12	9	11	6	11	12	21	12	22	29	14	15
Max.	12	9	12	8	11	14	30	12	22	29	15	20
Min.	12	9	9	4	10	11	12	12	22	29	13	12
A. F.	737	518	653	357	656	734	1309	738	1309	1783	387	952
Total Acre Feet	10,133.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, INDIAN CREEK—1928  
Sec. 23, Twp. 2, Rge. 36 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	5	6	4	6	13	4	3	10	2	8	4
2	3	5	6	4	6	13	4	3	10	2	8	4
3	3	5	6	4	6	13	4	3	10	2	8	4
4	3	5	6	4	6	13	4	3	10	2	8	4
5	3	5	6	4	6	13	4	3	10	2	8	4
6	3	5	6	4	6	13	4	3	10	2	8	4
7	3	5	6	4	6	13	4	3	10	2	8	4
8	3	5	6	4	6	13	4	3	10	2	8	4
9	3	5	6	4	6	13	4	3	10	2	8	4
10	3	5	6	4	6	13	4	3	10	2	8	4
11	3	5	6	4	6	13	4	3	10	2	8	4
12	3	5	6	4	6	13	4	3	10	2	8	4
13	3	5	6	4	6	13	4	3	10	2	8	4
14	3	5	6	4	6	13	4	3	10	2	8	4
15	3	5	6	4	6	13	4	3	10	2	8	4
16	3	5	4	4	6	13	4	3	10	2	6	4
17	3	5	4	4	6	13	4	3	10	2	6	4
18	3	5	4	4	6	13	4	3	10	2	6	4
19	3	5	4	4	6	13	4	3	10	2	6	4
20	3	5	4	4	6	13	4	3	10	2	6	4
21	3	5	4	4	6	13	4	3	2	4	6	4
22	3	5	4	4	6	13	4	3	2	4	6	4
23	3	5	4	4	6	13	4	3	2	4	6	4
24	3	5	4	4	6	13	4	3	2	4	6	4
25	3	5	4	4	6	13	4	3	2	4	6	4
26	3	5	4	4	6	13	4	3	2	4	6	4
27	3	5	4	4	6	13	4	3	2	4	6	4
28	3	5	4	4	6	13	4	3	2	4	6	4
29	3	5	4	4	6	13	4	3	2	4	6	4
30	3	5	4	4	6	13	4	3	2	4	6	4
31	3	5	4	4	6	13	4	3	2	4	6	4
Mean	3	5	5	4	6	13	4	3	7	3	7	4
Max.	3	5	6	4	6	13	4	3	10	4	8	4
Min.	3	5	4	4	6	13	4	3	2	2	6	4
A. F.	184	289	306	238	369	773	246	184	436	167	416	246
Total Acre Feet	3,854.											

DISCHARGE IN SECOND FEET, KATZER DRAIN—1928  
Sec. 10, Twp. 23, Rge. 60 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	4	5	26	16	22	38	36	9	7	4
2	....	....	4	5	26	16	22	38	36	9	7	4
3	....	....	4	5	26	16	22	38	36	9	7	4
4	....	....	4	5	26	16	22	38	36	9	7	4
5	....	....	4	5	26	16	22	38	36	9	7	4
6	....	....	4	5	26	16	22	38	36	9	7	4
7	....	....	4	5	26	16	22	38	36	9	7	4
8	....	....	4	5	26	16	22	38	36	9	7	4
9	....	....	4	5	26	16	22	38	36	9	7	4
10	....	....	4	5	26	16	22	38	36	9	7	4
11	....	....	4	5	16	16	22	38	36	9	7	4
12	....	....	4	5	16	16	22	38	36	9	7	4
13	....	....	4	5	16	16	22	38	36	9	7	4
14	....	....	4	5	16	16	22	38	36	9	7	4
15	....	....	4	5	16	16	22	38	36	9	7	4
16	....	....	4	5	16	16	22	38	36	9	7	4
17	....	....	4	5	16	16	22	38	36	9	7	4
18	....	....	4	5	16	16	22	38	36	9	7	4
19	....	....	4	5	16	16	22	38	36	9	7	4
20	....	....	4	5	16	16	22	38	36	9	7	4
21	....	....	4	5	16	18	22	29	36	9	7	4
22	....	....	4	5	16	18	22	29	36	9	7	4
23	....	....	4	5	16	18	22	29	36	9	7	4
24	....	....	4	5	16	18	22	29	36	9	7	4
25	....	....	4	5	16	18	22	29	36	9	7	4
26	....	....	4	5	16	18	22	29	36	9	7	4
27	....	....	4	5	16	18	22	29	36	9	7	4
28	....	....	4	5	16	18	22	29	36	9	7	4
29	....	....	4	5	16	18	22	29	36	9	7	4
30	....	....	4	5	16	18	22	29	36	9	7	4
31	....	....	4	5	16	18	22	29	36	9	7	4
Mean	....	....	4	5	19	16	22	36	36	9	7	4
Max.	....	....	4	5	26	18	22	38	36	9	7	4
Min.	....	....	4	5	16	16	22	29	36	9	7	4
A. F.	....	....	246	297	1182	992	1353	2140	2142	553	416	246

\*No Record.

# HYDROGRAPHIC REPORT—1928

605

## DISCHARGE IN SECOND FEET, KATZER DRAIN—1927

Sec. 10, Twp. 23, Rge. 60 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
2	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
3	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
4	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
5	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
6	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
7	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
8	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
9	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
10	3.6	4.0	4.2	4.2	14	28	20	61	35	15	6	3
11	3.6	4.0	4.2	4.2	14	28	20	50	35	15	6	3
12	3.6	4.0	4.2	4.2	14	28	20	50	35	15	6	3
13	3.6	4.0	4.2	4.2	14	28	20	50	35	15	6	3
14	3.6	4.0	4.2	4.2	14	28	20	50	35	15	6	3
15	3.6	4.0	4.2	4.2	14	28	20	50	35	15	6	3
16	3.6	4.0	4.2	4.2	14	28	20	50	35	15	7	3
17	3.6	4.0	4.2	4.2	14	28	20	50	35	15	7	3
18	3.6	4.0	4.2	4.2	14	28	20	50	35	15	7	3
19	3.6	4.0	4.2	4.2	14	28	20	50	35	15	7	3
20	3.6	4.0	4.2	18.0	14	28	20	50	35	15	7	3
21	3.6	4.0	4.2	18.0	19	28	20	50	35	15	7	3
22	3.6	4.0	4.2	18.0	19	28	20	50	35	15	7	3
23	3.6	4.0	4.2	18.0	19	28	20	50	35	15	7	3
24	3.6	4.0	4.2	18.0	19	28	20	50	35	15	7	3
25	3.6	4.0	4.2	18.0	19	28	20	50	35	15	7	3
26	3.6	4.0	4.2	18.0	19	28	20	50	35	15	7	3
27	3.6	4.0	4.2	18.0	19	28	20	50	35	15	7	3
28	3.6	4.0	4.2	18.0	19	28	20	50	35	15	7	3
29	3.6	-----	4.2	18.0	19	28	20	50	35	15	7	3
30	3.6	-----	4.2	18.0	19	28	20	50	35	15	7	3
31	3.6	-----	4.2	-----	19	-----	20	50	-----	15	-----	3
Mean	3.6	4.0	4.2	9	16	28	20	53	35	15	6	3
Max.	3.6	4.0	4.2	18.0	19	28	20	61	35	15	7	3
Min.	3.6	4.0	4.2	4.2	14	28	20	50	35	15	6	3
A. F.	222	222	258	551	970	1666	1230	3193	2152	892	387	184
Total	Acres Feet 11,927.											

## DISCHARGE IN SECOND FEET, KATZER DRAIN—1928

Sec. 10, Twp. 23, Rge. 60 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	8	6	4	39	24	10	31	52	4	11	4
2	8	8	6	4	39	29	10	31	52	4	11	4
3	8	8	6	4	39	29	10	31	52	4	11	4
4	8	8	6	4	39	29	10	31	52	4	11	4
5	8	8	6	4	39	29	10	31	52	4	11	4
6	8	8	6	4	39	29	10	31	53	4	11	4
7	8	8	6	4	39	29	10	31	53	4	11	4
8	8	8	6	4	39	29	10	31	53	4	11	4
9	8	8	6	4	39	29	10	31	53	4	11	4
10	8	8	6	4	39	29	10	31	53	4	11	4
11	8	8	6	4	39	41	20	31	53	4	11	4
12	8	8	6	4	39	41	20	31	53	4	11	4
13	8	8	6	4	39	41	20	31	53	4	11	4
14	8	8	6	4	39	23	20	31	53	4	11	4
15	8	8	6	4	39	23	20	31	53	4	11	4
16	8	8	6	4	21	23	20	44	53	4	11	4
17	8	8	6	4	21	23	20	44	53	4	11	4
18	8	8	6	4	21	23	20	44	53	4	11	4
19	8	8	6	4	21	23	20	44	53	4	11	4
20	8	8	6	4	21	23	20	44	53	4	11	4
21	8	8	6	4	21	23	20	44	53	4	11	4
22	8	8	6	4	21	23	20	44	53	4	5	4
23	8	8	6	4	21	23	20	44	53	4	5	4
24	8	8	6	4	21	23	20	44	53	4	5	4
25	8	8	6	4	21	23	20	44	53	4	5	4
26	8	8	6	4	21	31	20	46	53	4	5	4
27	8	8	6	4	21	31	20	46	53	4	5	4
28	8	8	6	4	21	31	20	46	53	4	5	4
29	8	8	6	4	21	31	20	46	53	4	5	4
30	8	-----	6	4	21	31	20	46	53	4	5	4
31	8	-----	6	-----	21	-----	20	46	-----	4	-----	4
Mean	8	8	6	4	30	28	17	38	53	4	9	4
Max.	8	8	6	4	39	31	20	46	53	4	11	4
Min.	8	8	6	4	21	23	10	31	52	4	5	4
A. F.	492	460	369	238	1827	1664	1031	2342	3144	246	535	246
Total	Acres Feet 12,594.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, KRONBERG SEEP—1920  
Sec. 36, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	2	1	1	2	2	2	2	4	3	4	2
2	2	2	1	1	2	2	2	2	4	3	4	2
3	2	2	2	1	2	2	2	2	4	3	4	2
4	2	2	2	1	2	2	2	2	4	3	4	2
5	2	2	2	1	2	2	2	2	4	3	4	2
6	2	2	2	1	2	2	2	2	4	3	5	2
7	2	2	2	1	2	2	2	2	4	3	5	3
8	2	2	2	1	2	2	2	2	3	3	5	3
9	2	2	2	1	2	2	2	2	3	3	5	3
10	2	2	2	1	2	2	2	2	3	3	4	3
11	2	2	1	1	1	2	2	3	3	3	5	2
12	2	2	1	1	1	2	2	3	3	4	5	2
13	2	2	1	1	1	2	2	3	3	4	4	2
14	2	2	1	1	1	2	2	3	3	4	4	2
15	2	2	1	1	1	2	2	3	3	4	4	2
16	2	2	1	1	1	2	2	3	3	4	4	2
17	2	2	1	1	1	2	2	3	3	4	4	2
18	2	2	1	1	1	2	2	3	3	4	4	2
19	2	2	1	1	1	2	2	3	3	4	3	3
20	2	2	1	2	1	2	2	3	3	4	3	3
21	2	2	1	2	1	2	2	3	3	4	3	3
22	2	1	1	2	1	2	2	4	3	4	3	3
23	2	1	1	2	1	2	2	4	3	4	3	3
24	2	1	1	2	1	2	2	4	3	4	3	2
25	2	1	1	2	1	2	2	4	3	4	3	2
26	2	1	1	2	2	2	2	4	3	4	2	2
27	2	1	1	2	2	2	2	4	3	4	2	2
28	2	1	1	2	2	2	2	4	3	4	2	2
29	2	1	1	2	2	2	2	4	3	4	2	2
30	2	—	1	2	2	2	2	4	3	4	2	2
31	2	—	1	—	2	—	2	4	—	4	—	2
Mean	2	2	1	1	1	2	2	3	3	3	3	2
Max.	2	2	2	2	2	2	2	4	4	4	5	3
Min.	2	1	1	1	1	2	2	2	3	3	2	2
A. F.	122	99	77	81	81	119	121	176	192	216	218	141
Total Acre Feet	1,643.											

DISCHARGE IN SECOND FEET, KRONBERG SEEP—1921  
Sec. 36, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.5	5.0	2.0	1.5	1.5	2.0	2.5	3.5	5.0	3.5	3.5	3.0
2	1.5	5.0	2.0	1.5	1.5	2.0	2.5	3.5	5.0	3.5	3.5	3.0
3	1.5	5.0	2.0	1.5	1.5	2.0	2.5	3.5	5.0	3.5	3.5	3.0
4	1.5	5.0	2.0	1.5	1.5	2.0	2.5	3.5	4.5	4.0	3.5	3.0
5	1.5	5.0	2.0	1.5	1.5	2.0	2.5	3.5	4.5	4.0	3.5	3.0
6	1.5	4.5	2.0	1.5	1.0	2.0	2.5	3.5	4.5	4.0	3.5	2.0
7	1.5	4.5	2.0	1.5	1.0	2.0	2.5	3.5	4.5	4.0	3.5	2.0
8	1.5	4.0	2.0	1.5	1.0	2.0	2.5	3.5	4.5	4.0	3.5	2.0
9	1.5	4.0	2.0	1.0	1.0	2.0	2.5	3.5	4.5	4.0	4.0	2.0
10	1.5	4.0	2.0	1.0	1.0	2.0	2.5	3.5	4.0	4.0	4.0	2.0
11	1.5	3.5	2.0	1.0	1.0	2.5	3.0	3.5	4.0	3.5	4.0	2.0
12	1.5	3.5	2.0	1.0	1.0	2.5	3.0	3.5	4.0	3.5	4.0	2.0
13	1.5	3.0	2.0	1.0	1.0	2.5	3.0	3.5	4.0	3.5	4.0	2.0
14	2.0	3.0	2.0	1.0	1.0	2.5	3.0	3.5	4.0	3.5	4.0	2.0
15	2.0	3.0	2.0	1.0	1.0	2.5	3.0	3.5	4.0	3.5	4.0	2.0
16	2.0	3.0	1.5	1.0	1.0	2.5	3.0	3.5	4.0	3.5	4.0	2.0
17	2.0	3.0	1.5	1.0	1.5	2.5	3.0	4.0	3.5	3.5	4.0	2.0
18	2.5	2.5	1.5	1.0	1.5	2.5	3.0	4.0	3.5	3.5	4.0	2.0
19	2.5	2.5	1.5	1.0	1.5	2.5	3.0	4.0	3.5	3.5	4.0	2.0
20	2.0	2.5	1.5	1.0	1.5	2.5	3.0	4.0	3.5	3.5	4.0	2.0
21	3.0	2.5	1.5	1.0	1.5	2.5	3.0	4.5	3.5	3.5	4.0	2.0
22	3.0	2.5	1.5	1.0	1.5	2.5	3.0	4.5	3.5	3.0	4.0	2.0
23	3.0	2.5	1.5	1.0	1.5	2.5	3.0	4.5	3.5	3.0	4.0	2.0
24	3.5	2.5	1.5	1.0	1.5	2.5	3.0	4.5	3.0	3.0	4.0	2.0
25	3.5	2.5	1.5	1.0	1.5	2.5	3.0	4.5	3.0	3.0	4.0	2.0
26	4.0	2.0	1.5	1.0	1.5	2.5	3.0	4.5	3.0	3.0	4.0	2.0
27	4.0	2.0	1.5	1.5	1.5	2.5	3.0	5.0	3.0	3.0	4.0	2.0
28	4.0	2.0	1.5	1.5	1.5	2.5	3.0	5.0	3.0	3.0	4.0	2.0
29	4.0	—	1.5	1.5	1.5	2.5	3.0	5.0	3.0	3.0	4.0	2.0
30	4.0	—	1.5	1.5	1.5	2.5	3.0	5.0	3.0	3.0	4.0	2.0
31	4.5	—	1.5	—	1.5	—	3.0	5.0	—	3.0	—	2.0
Mean	2.0	3.0	1.7	1.2	1.3	2.3	2.5	4.0	3.8	3.5	3.9	2.1
Max.	4.5	5.0	2.0	1.5	1.5	2.5	3.0	5.0	5.0	4.0	4.0	3.0
Min.	1.5	2.0	1.5	1.0	1.0	2.0	2.5	3.5	3.0	3.0	3.5	2.0
A. F.	151	186	107	71	79	139	174	246	228	212	230	133
Total Acre Feet	1,956.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, KRONBERG SEEP—1922

Sec. 36, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	5.0	4.0	2.5
2	2.0	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	5.0	4.0	2.5
3	2.0	2.0	2.0	2.0	2.0	2.0	2.5	5.0	4.5	5.0	4.0	2.5
4	2.0	2.0	2.0	2.0	2.0	2.0	2.5	5.0	4.5	5.0	4.0	2.5
5	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	4.0	5.0	4.0	2.5
6	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	4.0	5.0	3.5	2.0
7	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	4.0	4.5	3.5	2.0
8	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	4.0	4.5	3.0	2.0
9	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	3.5	4.5	3.0	2.0
10	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	3.0	4.5	3.0	2.0
11	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	3.0	4.5	3.0	2.0
12	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	3.0	4.5	3.0	2.0
13	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	3.0	4.5	3.0	2.0
14	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	3.0	4.5	3.0	2.0
15	2.0	2.0	2.0	2.0	2.0	2.0	3.0	5.0	3.0	4.5	3.0	2.0
16	2.0	2.0	2.0	2.0	2.0	2.0	3.5	5.0	3.5	4.0	3.0	2.0
17	2.0	2.0	2.0	2.0	2.0	2.0	4.0	5.0	3.5	4.0	3.0	2.0
18	2.0	2.0	2.0	2.0	2.0	2.0	4.0	5.0	4.0	4.0	3.0	2.0
19	2.0	2.0	2.0	2.0	2.0	2.0	4.5	5.0	4.0	4.0	3.0	2.0
20	2.0	2.0	2.0	2.0	2.0	2.0	5.0	5.0	4.0	4.0	3.0	2.0
21	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	4.0	4.0	3.0	2.0
22	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	4.5	4.0	3.0	2.0
23	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	4.5	4.0	3.0	2.0
24	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	4.5	4.0	3.0	2.0
25	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	5.0	4.0	3.0	2.0
26	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	5.0	4.0	3.0	2.0
27	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	5.0	4.0	3.0	2.0
28	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	5.0	4.0	3.0	2.0
29	2.0	-----	2.0	2.0	2.0	2.5	5.0	5.0	5.0	4.0	2.5	2.0
30	2.0	-----	2.0	2.0	2.0	2.5	5.0	5.0	5.0	4.0	2.5	2.0
31	2.0	-----	2.0	-----	2.0	-----	5.0	5.0	-----	4.0	-----	2.0
Mean	2.0	2.0	2.0	2.0	2.0	2.0	3.8	5.0	4.1	4.5	3.3	2.0
Max.	2.0	2.0	2.0	2.0	2.0	2.5	5.0	5.0	5.0	5.0	4.0	2.5
Min.	2.0	2.0	2.0	2.0	2.0	2.0	2.5	5.0	3.0	4.0	2.5	2.0
A. F.	123	111	123	119	123	129	236	307	244	277	200	128
Total Acre Feet	2,120.											

## DISCHARGE IN SECOND FEET, KRONBERG SEEP—1923

Sec. 36, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
2	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
3	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
4	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
5	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
6	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
7	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
8	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
9	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
10	2.0	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
11	2.0	2.0	1.5	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
12	2.0	2.0	1.5	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
13	2.0	2.0	1.5	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
14	2.0	2.0	1.5	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
15	2.0	2.0	1.5	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
16	2.0	2.0	1.5	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
17	2.0	2.0	1.5	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
18	2.0	2.0	1.5	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
19	2.0	2.0	1.5	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
20	2.0	2.0	1.5	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
21	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
22	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
23	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
24	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
25	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
26	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
27	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
28	1.5	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
29	1.5	-----	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
30	1.5	-----	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
31	1.5	-----	1.0	-----	1.0	-----	2.0	2.0	-----	2.0	-----	2.5
Mean	1.8	1.8	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.1	2.5
Max.	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5
Min.	1.5	1.5	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5
A. F.	112	101	91	59	61	89	123	123	119	123	123	154
Total Acre Feet	1,278.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, LANE DRAIN—1928  
 Sec. 30, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	1	1	1	2	2	6	6	7	4	3	2
2	1	1	1	1	2	2	6	6	7	4	3	2
3	1	1	1	1	2	2	6	6	7	4	3	2
4	1	1	1	1	2	2	6	6	7	4	3	2
5	1	1	1	1	2	2	6	6	7	4	3	2
6	1	1	1	1	2	2	6	6	7	4	3	2
7	1	1	1	1	2	2	6	6	7	4	3	2
8	1	1	1	1	2	2	6	6	7	4	3	2
9	1	1	1	1	2	2	6	6	7	4	3	2
10	1	1	1	1	2	2	6	6	7	4	3	2
11	1	1	1	1	2	2	6	6	7	4	3	2
12	1	1	1	1	2	2	6	6	7	4	3	2
13	1	1	1	1	2	2	6	6	7	4	3	2
14	1	1	1	1	2	2	6	6	7	4	3	2
15	1	1	1	1	2	2	6	6	7	4	3	2
16	1	1	1	1	1	4	6	7	7	4	3	2
17	1	1	1	1	1	4	6	7	7	4	3	2
18	1	1	1	1	1	4	6	7	7	4	3	2
19	1	1	1	1	1	4	6	7	7	4	3	2
20	1	1	1	1	1	4	6	7	7	4	3	2
21	1	1	1	1	1	4	6	7	7	4	3	2
22	1	1	1	1	1	4	6	7	7	4	2	2
23	1	1	1	1	1	4	6	7	7	4	2	2
24	1	1	1	1	1	4	6	7	7	4	2	2
25	1	1	1	1	1	4	6	7	7	4	2	2
26	1	1	1	1	1	4	6	7	7	4	2	2
27	1	1	1	1	1	4	6	7	7	4	2	2
28	1	1	1	1	1	4	6	7	7	4	2	2
29	1	1	1	1	1	4	6	7	7	4	2	2
30	1	1	1	1	1	4	6	7	7	4	2	2
31	1	---	1	---	1	4	6	7	7	4	2	2
Mean	1	1	1	1	2	3	6	6	7	4	3	2
Max.	1	1	1	1	2	4	6	7	7	4	3	2
Min.	1	1	1	1	1	2	6	6	7	4	2	2
A. F.	60	59	61	60	91	178	369	401	416	246	198	123
Total Acre Feet	2,262.											

DISCHARGE IN SECOND FEET, LINCOLN COUNTY DRAIN NUMBER 1—1924  
 Sec. 30, Twp. 14, Rge. 30 W.

Date	* Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	6	6	5	6	20	37	45	45	55	58	56
2	5	6	6	5	6	20	37	45	45	55	58	56
3	5	6	6	5	6	20	37	45	45	55	58	56
4	5	6	6	5	6	20	37	45	45	55	58	56
5	5	6	6	5	6	20	37	45	45	55	58	56
6	5	6	6	5	6	20	37	45	45	55	58	56
7	5	6	6	5	6	20	37	50	45	55	58	56
8	5	6	6	5	6	20	37	50	45	55	58	56
9	5	6	6	5	6	20	37	50	45	55	58	56
10	5	6	6	5	6	20	37	50	45	55	58	56
11	5	6	5	5	6	20	37	53	45	55	58	56
12	5	6	5	5	6	20	37	53	45	55	58	56
13	5	6	5	5	6	20	37	53	45	55	58	56
14	5	6	5	5	6	20	37	53	45	55	58	56
15	5	6	5	5	6	20	37	53	45	55	58	56
16	5	6	5	5	6	30	37	53	50	55	52	56
17	5	6	5	5	6	30	37	53	50	55	52	56
18	5	6	5	5	6	30	37	53	50	55	52	56
19	5	6	5	5	6	30	37	53	50	55	52	56
20	5	6	5	5	6	30	37	53	50	55	52	56
21	5	6	7	5	6	30	39	41	50	55	52	56
22	5	6	7	5	6	30	39	41	50	55	52	56
23	5	6	7	5	6	30	39	41	50	55	52	56
24	5	6	7	5	6	30	39	41	50	55	52	56
25	5	6	7	5	6	30	39	41	50	55	52	56
26	5	6	7	5	6	30	39	41	50	55	52	56
27	5	6	7	5	6	30	39	41	50	55	52	56
28	5	6	7	5	6	30	39	41	50	55	52	56
29	5	6	7	5	6	30	39	41	50	55	52	56
30	5	7	7	5	6	30	39	41	50	55	52	56
31	5	---	7	---	6	---	39	41	50	55	52	56
Mean	5	6	6	5	6	24	38	47	48	55	31	56
Max.	5	6	7	5	6	30	39	52	50	55	58	56
Min.	5	6	5	5	6	20	37	41	45	55	52	56
A. F.	307	345	371	297	369	1487	2318	2887	2826	3381	3272	3443
Total Acre Feet	21,503.											

\*Estimated.

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, LINCOLN COUNTY DRAIN NUMBER 1—1925  
Sec. 30, Twp. 14, Rge. 30 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
2	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
3	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
4	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
5	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
6	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
7	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
8	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
9	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
10	57.8	57.8	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
11	57.8	53.5	48.4	43.8	49.8	57.6	81.7	88.0	77.4	66.7	51.7	51.7
12	57.8	53.5	48.4	43.8	49.8	57.6	81.7	96.5	77.4	66.7	51.7	51.7
13	57.8	53.5	48.4	43.8	49.8	64.6	81.7	96.5	77.4	66.7	51.7	51.7
14	57.8	53.5	48.4	43.8	49.8	64.6	81.7	96.5	71.4	66.7	51.7	51.7
15	57.8	53.5	48.4	43.8	49.8	64.6	81.7	96.5	71.4	66.7	51.7	51.7
16	57.8	53.5	48.4	43.8	54.7	64.6	81.7	96.5	71.4	66.7	51.7	51.7
17	57.8	53.5	48.4	43.8	54.7	64.6	81.7	96.5	71.4	66.7	51.7	51.7
18	57.8	53.5	48.4	43.8	54.7	64.6	81.7	96.5	71.4	66.7	51.7	51.7
19	57.8	53.5	48.4	43.8	54.7	64.6	81.7	96.5	71.4	66.7	51.7	51.7
20	57.8	53.5	48.4	43.8	54.7	64.6	91.7	96.5	71.4	66.7	51.7	51.7
21	57.8	53.5	48.4	43.8	54.7	64.6	91.7	96.5	71.4	66.7	51.7	51.7
22	57.8	53.5	48.4	43.8	54.7	64.6	91.7	96.5	71.4	66.7	51.7	51.7
23	57.8	53.5	48.4	43.8	54.7	64.6	91.7	96.5	71.4	66.7	51.7	51.7
24	57.8	53.5	48.4	43.8	54.7	64.6	91.7	96.5	78.6	66.7	51.7	51.7
25	57.8	53.5	48.4	43.8	54.7	64.6	91.7	96.5	78.6	66.7	51.7	51.7
26	57.8	53.5	48.4	43.8	54.7	64.6	91.7	96.5	78.6	66.7	51.7	51.7
27	57.8	53.5	48.4	29.0	54.7	64.6	91.7	96.5	78.6	66.7	51.7	51.7
28	57.8	53.5	48.4	29.0	54.7	64.6	91.7	72.5	78.6	66.7	51.7	51.7
29	57.8	-----	48.4	29.0	54.7	70.9	91.7	72.5	78.6	66.7	51.7	51.7
30	57.8	-----	48.4	29.0	54.7	70.9	91.7	72.5	78.6	66.7	51.7	51.7
31	57.8	-----	48.4	-----	54.7	-----	91.7	72.5	-----	66.7	-----	51.7
Mean	57.8	55.0	48.4	41.3	54.0	62.2	85.5	90.3	75.6	66.7	51.7	51.7
Max.	57.8	57.8	48.4	43.8	54.7	70.9	91.7	96.5	78.6	66.7	51.7	51.7
Min.	57.8	53.5	48.4	29.0	49.8	57.6	81.7	72.5	71.4	66.7	51.7	51.7
A. F.	3554	3057	2976	2450	3218	3702	5262	5558	4503	4010	3076	3179
Total Acre Feet	44,554.											

DISCHARGE IN SECOND FEET, LINCOLN COUNTY DRAIN NUMBER 1—1926  
Sec. 30, Twp. 14, Rge. 30 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	55	31	44	43	59	80	84	108	78	82	71	47
2	55	31	44	43	59	80	84	108	78	82	71	47
3	55	31	44	43	59	80	84	108	78	82	71	47
4	55	31	44	43	59	80	84	108	78	82	71	47
5	55	31	44	43	59	80	84	108	78	82	71	47
6	55	31	44	43	59	80	84	114	78	82	71	47
7	55	31	44	43	59	80	84	114	78	82	71	47
8	55	31	44	43	59	80	84	114	78	82	71	47
9	55	31	44	43	59	80	84	114	78	82	71	47
10	55	31	44	43	59	80	84	114	78	82	71	47
11	55	31	44	43	59	80	84	114	78	82	71	47
12	55	31	44	43	59	80	84	114	78	82	71	47
13	55	31	44	43	59	80	84	114	78	82	71	47
14	55	31	44	43	59	80	84	114	78	82	71	47
15	55	31	44	43	59	80	84	114	78	82	71	47
16	55	31	44	43	59	80	84	105	78	82	71	47
17	55	31	44	43	59	80	84	105	78	82	71	47
18	55	31	44	43	59	80	84	105	78	82	71	47
19	55	31	44	43	59	80	84	105	78	82	71	47
20	55	31	44	43	59	80	84	105	78	82	71	47
21	55	31	44	45	59	79	84	105	78	82	71	47
22	55	31	44	45	59	79	84	105	78	82	71	47
23	55	31	44	45	59	79	84	105	78	82	71	47
24	55	31	44	45	59	79	84	105	78	82	71	47
25	55	31	44	45	59	79	84	105	78	82	71	47
26	55	31	44	45	59	79	84	100	78	82	71	47
27	55	31	44	45	59	79	84	100	78	82	71	47
28	55	31	44	45	59	79	84	100	78	82	71	47
29	55	-----	44	45	59	79	84	100	78	82	71	47
30	55	-----	44	45	59	79	84	100	78	82	71	47
31	55	-----	44	-----	59	-----	84	100	-----	82	-----	47
Mean	55	31	44	44	59	80	84	107	78	82	71	47
Max.	55	31	44	45	59	80	84	114	78	82	71	47
Min.	55	31	44	43	59	79	84	100	78	82	71	47
A. F.	3382	1722	2705	2598	3628	4742	5165	6605	4641	5042	4225	2890
Total Acre Feet	47,345.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, LINCOLN COUNTY DRAIN NUMBER 1—1927  
Sec. 30, Twp. 14, Rge. 30 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	56	45	52	55	61	88	109	121	95	86	72	63
2	56	45	52	55	61	88	109	121	95	86	72	63
3	56	45	52	55	61	88	109	121	95	86	72	63
4	56	45	52	55	61	88	109	121	95	86	72	63
5	56	45	52	55	61	88	109	121	95	86	72	63
6	56	45	52	55	61	88	109	121	95	86	72	63
7	56	45	52	55	61	88	109	121	95	86	72	63
8	56	45	52	55	61	88	109	121	95	86	72	63
9	56	45	52	56	61	88	109	121	95	86	72	63
10	56	45	52	56	61	88	109	121	95	86	72	63
11	56	45	52	66	66	88	109	102	95	86	72	63
12	56	45	52	66	66	88	109	102	95	86	72	63
13	56	45	52	96	66	88	109	102	95	86	72	63
14	56	45	52	66	66	88	109	102	95	86	72	63
15	56	45	52	66	66	88	109	102	95	86	72	63
16	56	45	52	66	66	88	109	102	95	86	72	63
17	56	45	52	66	66	88	109	102	95	86	72	63
18	56	45	52	66	66	88	109	102	95	86	72	63
19	56	45	52	66	66	88	109	102	95	86	72	63
20	56	45	52	66	66	88	109	102	95	86	72	63
21	56	45	52	66	66	81	121	102	95	70	68	58
22	56	45	52	66	66	81	121	102	95	70	68	58
23	56	45	52	66	66	81	121	102	95	70	68	58
24	56	45	52	66	66	81	121	102	95	70	68	58
25	56	45	52	66	66	81	121	102	95	70	68	58
26	56	45	52	66	66	81	121	102	95	70	68	58
27	56	45	52	66	66	81	121	102	95	70	68	58
28	56	45	52	66	66	81	121	102	95	70	68	58
29	56	---	52	66	66	81	121	102	95	70	68	58
30	56	---	52	66	66	81	121	102	95	70	68	58
31	56	---	52	---	66	---	121	102	---	70	---	58
Mean	56	45	52	62	64	86	114	108	95	80	70.6	61
Max.	56	45	52	66	66	88	121	121	95	86	72	63
Min.	56	45	52	55	61	81	109	102	95	70	68	58
A. F.	3443	2499	3197	3709	3828	5097	6964	6649	5653	4939	4205	3765
Total Acre Feet	53,948.											

DISCHARGE IN SECOND FEET, LINCOLN COUNTY DRAIN NUMBER 1—1928  
Sec. 30, Twp. 14, Rge. 30 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	67	59	56	44	81	87	96	101	144	80	99	68
2	67	59	56	44	81	87	96	101	144	80	99	68
3	67	59	56	44	81	87	96	101	144	80	99	68
4	67	59	56	44	81	87	96	101	144	80	99	68
5	67	59	56	44	81	87	96	101	144	80	99	68
6	67	59	56	44	81	87	96	101	144	80	99	68
7	67	59	56	44	81	87	96	101	144	80	99	68
8	67	59	56	44	81	87	96	101	144	80	99	68
9	67	59	56	44	81	87	96	101	144	80	99	68
10	67	59	56	44	81	87	96	101	144	80	99	68
11	67	59	56	44	81	87	96	101	122	80	82	68
12	67	59	56	44	81	87	96	101	122	80	82	68
13	67	59	56	44	81	87	96	101	122	80	82	68
14	67	59	56	44	81	87	96	101	122	80	82	68
15	67	59	56	44	81	87	96	101	122	80	82	68
16	57	59	56	44	81	87	96	101	122	80	72	68
17	57	59	56	44	81	87	96	101	122	80	72	68
18	57	59	56	44	81	87	96	101	122	80	72	68
19	57	59	56	44	81	87	96	101	122	80	72	68
20	57	59	56	44	81	87	96	101	122	80	72	68
21	57	51	51	44	81	79	124	121	122	80	72	68
22	57	51	51	44	81	79	124	121	122	80	72	68
23	57	51	51	44	81	79	124	121	122	80	72	68
24	57	51	51	44	81	79	124	121	122	80	72	68
25	57	51	51	44	81	79	124	121	122	80	72	68
26	57	51	51	44	81	79	124	118	122	80	72	68
27	57	51	51	44	81	79	124	118	122	80	72	68
28	57	51	51	44	81	79	124	118	122	80	72	68
29	57	51	51	44	81	79	124	118	122	80	72	68
30	57	---	51	44	81	79	124	118	122	80	72	68
31	57	---	51	---	81	---	124	118	---	80	---	68
Mean	62	58	54	44	81	84	104	107	129	80	79	68
Max.	67	59	56	44	81	87	124	121	144	80	99	68
Min.	57	57	51	44	81	79	96	101	122	80	72	68
A. F.	3802	3358	3334	2618	4978	5018	6514	6611	7696	4019	4750	4181
Total Acre Feet	57,779.											

**DISCHARGE IN SECOND FEET, LINGLE POWER WASTE—1925**  
 Sec. 25, Twp. 25, Rge. 63 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	39	47	53	25.7	127	226	114	109
2	.....	.....	.....	.....	40	46	61	255	122	222	133	128
3	.....	.....	.....	.....	37	46	61	264	126	87	137	126
4	.....	.....	.....	.....	39	46	44	265	136	214	138	130
5	.....	.....	.....	.....	46	45	49	265	134	70	168	109
6	.....	.....	.....	.....	44	48	58	262	122	158	100	126
7	.....	.....	.....	.....	38	44	215	57	201	110	137	162
8	.....	.....	.....	.....	38	43	221	57	128	132	84	133
9	.....	.....	.....	.....	37	40	223	55	67	134	144	130
10	.....	.....	.....	.....	36	42	221	55	69	136	129	120
11	.....	.....	.....	.....	34	47	219	60	116	186	120	125
12	.....	.....	.....	.....	38	46	219	48	126	183	122	148
13	.....	.....	.....	.....	36	48	149	55	150	176	111	125
14	.....	.....	.....	.....	38	48	143	57	228	184	111	141
15	.....	.....	.....	.....	38	49	146	58	225	188	112	104
16	.....	.....	.....	.....	38	40	148	59	228	184	83	116
17	.....	.....	.....	.....	38	45	47	58	219	186	133	132
18	.....	.....	.....	.....	38	45	47	62	234	213	151	127
19	.....	.....	.....	.....	34	46	46	50	228	210	116	110
20	.....	.....	.....	.....	38	48	51	58	233	205	105	130
21	.....	.....	.....	.....	38	44	122	60	178	213	105	87
22	.....	.....	.....	.....	38	48	48	83	180	215	123	96
23	.....	.....	.....	.....	38	42	49	114	231	215	134	127
24	.....	.....	.....	.....	36	48	49	114	228	213	118	134
25	.....	.....	.....	.....	38	49	47	114	246	209	111	86
26	.....	.....	.....	.....	36	44	48	103	194	221	118	190
27	.....	.....	.....	.....	39	47	57	110	92	205	128	119
28	.....	.....	.....	.....	39	47	45	113	89	217	83	120
29	.....	.....	.....	.....	39	45	50	190	90	154	50	93
30	.....	.....	.....	.....	38	41	58	186	74	92	62	155
31	.....	.....	.....	.....	43	—	—	252	107	.....	86	.....
Mean	.....	.....	.....	.....	37	44	98	82	185	172	121	127
Max.	.....	.....	.....	.....	39	49	223	252	266	221	226	190
Min.	.....	.....	.....	.....	34	37	45	44	67	92	62	86
A. F.	.....	.....	.....	.....	1781	2725	5843	5066	11365	10211	7444	7537
*No Record.												

**DISCHARGE IN SECOND FEET, LINGLE POWER WASTE—1926**  
 Sec. 25, Twp. 25, Rge. 63 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	252	344	369	137	129	185	117	149	146	135	146	276
2	144	353	345	133	58	176	74	103	143	142	192	259
3	242	340	326	136	134	186	78	157	152	105	201	301
4	228	396	296	138	169	191	61	138	146	198	242	288
5	215	353	181	164	194	186	54	151	144	191	268	192
6	215	335	389	140	151	139	101	144	78	181	237	198
7	190	355	427	138	179	171	128	126	126	199	138	246
8	191	400	365	148	182	160	141	152	152	218	111	304
9	239	298	226	136	109	142	238	94	158	204	279	264
10	203	277	256	135	172	141	248	157	161	218	239	214
11	246	284	250	62	189	155	235	151	137	232	226	266
12	169	325	270	126	192	184	212	136	162	246	229	144
13	170	290	270	134	181	171	239	153	104	217	244	134
14	130	323	211	132	184	145	243	202	155	242	166	55
15	130	358	207	128	186	177	252	141	155	239	126	124
16	146	336	143	124	97	284	239	105	147	241	238	152
17	147	367	138	136	177	269	233	150	146	171	247	200
18	170	302	127	55	187	230	238	144	153	248	224	284
19	135	271	122	128	194	226	219	150	95	253	173	263
20	142	293	126	134	133	236	234	147	127	239	198	257
21	130	288	139	135	189	185	250	132	160	217	187	203
22	139	326	168	137	138	220	246	142	178	210	142	235
23	128	253	160	137	93	182	189	84	174	203	224	244
24	166	217	140	129	102	209	157	117	149	157	281	218
25	199	298	213	59	140	144	146	119	163	171	233	187
26	220	294	137	130	217	144	107	124	171	214	270	280
27	218	374	129	130	209	88	150	111	121	234	235	286
28	263	382	76	130	196	115	148	103	163	233	187	239
29	343	.....	152	134	154	143	148	136	158	217	150	274
30	342	.....	161	130	143	136	133	100	144	226	250	235
31	356	.....	136	.....	150	.....	126	152	.....	145	.....	194
Mean	200	323	215	127	159	177	170	134	146	205	209	226
Max.	356	400	427	164	217	284	252	202	178	242	279	304
Min.	130	217	122	59	58	88	54	84	78	142	111	55
A. F.	12327	17915	13240	7571	9775	10554	10679	8271	8664	12587	12462	13916
Total Acre Feet 137,961.												

**DISCHARGE IN SECOND FEET, LINGLE POWER WASTE—1927**  
 Sec. 25, Twp. 25, Rge. 63 W., Wyoming

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	223	190	180	192	98	222	167	177	113	57	162	130
2	286	204	176	154	168	202	262	161	106	128	157	113
3	282	194	152	131	167	208	243	192	174	80	150	197
4	195	195	156	146	166	224	211	126	112	112	101	131
5	220	200	149	209	162	202	190	222	111	193	142	146
6	177	133	127	218	171	148	255	240	135	145	100	166
7	184	165	124	173	170	211	275	287	111	214	131	65
8	159	194	178	166	128	217	220	482	124	177	147	175
9	177	196	174	176	58	227	219	274	164	169	130	327
10	146	187	175	143	113	212	224	268	113	227	129	272
11	151	194	166	147	156	193	113	275	122	186	166	210
12	153	183	158	181	152	224	164	214	142	168	193	194
13	151	132	158	167	146	162	174	214	122	99	104	246
14	151	164	175	164	157	214	172	214	120	101	145	289
15	156	183	140	160	120	197	163	119	112	150	170	280
16	166	191	159	173	110	205	164	123	69	133	178	235
17	164	199	165	152	165	200	122	71	34	107	162	238
18	168	180	146	124	169	215	117	75	82	143	152	188
19	157	186	131	157	173	228	180	74	89	146	153	194
20	170	133	101	156	163	154	165	162	76	147	127	168
21	141	153	126	160	161	197	125	167	85	146	128	189
22	129	168	145	140	142	179	120	88	112	120	153	190
23	133	203	165	142	119	206	124	87	160	98	180	197
24	144	181	148	118	167	225	90	122	152	118	132	192
25	163	190	155	120	198	160	111	132	119	140	147	192
26	138	176	173	169	197	125	78	111	79	131	146	186
27	129	122	163	146	200	174	137	102	90	135	138	226
28	183	119	118	161	195	272	98	163	64	120	106	224
29	150	.....	147	147	149	275	107	133	97	100	166	242
30	149	.....	152	156	126	158	98	135	100	125	137	307
31	163	.....	188	.....	211	.....	183	114	.....	120	.....	236
Mean	170	176	154	158	152	201	164	172	110	137	144	204
Max.	223	204	188	209	200	272	275	482	174	193	193	327
Min.	129	119	101	120	58	154	78	71	34	57	100	65
A. F.	10129	9749	9461	9418	9356	11972	10058	10560	6524	8400	8593	12565
Total Acre Feet	117,085.											



Valentine Power Project, Niobrara River

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT WYOMING-NEBRASKA STATE LINE—1925**  
 Sec. 11, Twp. 14, Rge. 59 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	*	*	*
2	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	....	....	....
3	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	....	....	....
4	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	....	....	....
5	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	....	....	....
6	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	....	....	....
7	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	....	....	....
8	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	....	....	....
9	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	....	....	....
10	9.5	9.7	9.5	7.9	4.1	2.6	3.0	3.0	4.4	....	....	....
11	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
12	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
13	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
14	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
15	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
16	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
17	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
18	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
19	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
20	9.5	9.7	9.5	4.1	4.1	3.7	3.0	3.9	3.6	....	....	....
21	9.5	9.7	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
22	9.5	9.7	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
23	9.5	9.7	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
24	9.5	9.7	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
25	9.5	9.7	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
26	9.5	9.7	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
27	9.5	9.7	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
28	9.5	9.7	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
29	9.5	.....	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
30	9.5	.....	9.5	4.1	3.5	3.7	3.0	4.4	4.1	....	....	....
31	9.5	.....	9.5	.....	3.5	.....	3.0	4.4	.....	....	....	....
Mean	9.5	9.7	9.5	5.1	3.9	3.3	3.0	3.8	4.0	....	....	....
Max.	9.5	9.7	9.5	7.9	4.1	3.7	3.0	4.4	4.4	....	....	....
Min.	9.5	9.7	9.5	4.1	3.5	2.6	3.0	3.0	3.6	....	....	....
A. F.	583	500	585	303	239	198	209	232	240	....	....	....

\*No Record.

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT WYOMING-NEBRASKA STATE LINE—1926**  
 Sec. 11, Twp. 14, Rge. 59 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	16	6	6	3	3	3	4	4	*	*	4
2	9	16	6	6	3	3	3	4	4	....	....	4
3	9	16	6	6	3	3	3	4	4	....	....	4
4	9	16	6	6	3	3	3	4	4	....	....	4
5	9	16	6	6	3	3	3	4	4	....	....	4
6	9	16	6	6	3	3	3	4	4	....	....	4
7	9	16	6	6	3	3	3	4	4	....	....	4
8	9	16	6	6	3	3	3	4	4	....	....	4
9	9	16	6	6	3	3	3	4	4	....	....	4
10	9	16	6	6	3	3	3	4	4	....	....	4
11	9	16	6	6	3	3	3	4	4	....	....	4
12	9	16	6	6	3	3	3	4	4	....	....	4
13	9	16	6	6	3	3	3	4	4	....	....	4
14	9	16	6	6	3	3	3	4	4	....	....	4
15	9	16	6	6	3	3	3	4	4	....	....	4
16	9	16	6	6	3	3	3	4	4	....	....	4
17	9	16	6	6	3	3	3	4	4	....	....	4
18	9	16	6	6	3	3	3	4	4	....	....	4
19	9	16	6	6	3	3	3	4	4	....	....	4
20	9	16	6	6	3	3	3	4	4	....	....	4
21	9	19	6	4	3	3	4	4	4	....	....	4
22	9	19	6	4	3	3	3	4	4	....	....	4
23	9	19	6	4	3	3	4	4	4	....	....	4
24	9	19	6	4	3	3	4	4	4	....	....	4
25	9	19	6	4	3	3	4	4	4	....	....	4
26	9	19	6	4	3	3	4	4	4	....	....	4
27	9	19	6	4	3	3	4	4	4	....	....	4
28	9	19	6	4	3	3	4	4	4	....	....	4
29	9	.....	6	4	3	3	4	4	4	....	....	4
30	9	.....	6	4	3	3	4	4	4	....	....	4
31	9	.....	6	.....	3	.....	4	4	.....	....	....	4
Mean	9	17	6	5	3	3	3	4	4	....	....	4
Max.	9	19	6	6	3	3	4	4	4	....	....	4
Min.	9	16	6	4	3	3	3	4	4	....	....	4
A. F.	553	936	369	317	184	178	198	246	238	....	....	246

\*No Record.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT WYOMING-  
NEBRASKA STATE LINE—1927  
Sec. 11, Twp. 14, Rge. 59 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
2	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
3	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
4	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
5	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
6	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
7	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
8	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
9	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
10	5.8	6.0	7.6	6.0	7.0	4.0	4.4	5.6	3.9	5.5	5.6	6.7
11	5.8	6.0	7.6	6.0	33.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
12	5.8	6.0	7.6	6.0	33.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
13	5.8	6.0	7.6	6.0	33.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
14	5.8	6.0	7.6	6.0	33.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
15	5.8	6.0	7.6	6.0	33.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
16	5.8	6.0	7.6	6.0	33.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
17	5.8	6.0	7.6	6.0	4.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
18	5.8	6.0	7.6	6.0	4.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
19	5.8	6.0	7.6	6.0	4.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
20	5.8	6.0	7.6	6.0	4.0	4.0	3.8	4.4	3.9	5.5	5.6	6.7
21	5.8	6.0	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
22	5.8	6.0	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
23	5.8	6.0	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
24	5.8	6.0	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
25	5.8	6.0	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
26	5.8	6.0	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
27	5.8	6.0	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
28	5.8	6.0	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
29	5.8	.....	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
30	5.8	.....	7.6	6.8	4.0	4.0	3.8	4.4	4.5	5.5	5.6	6.7
31	5.8	.....	7.6	.....	4.0	.....	3.8	4.4	.....	5.5	.....	6.7
Mean	5.8	6.0	7.6	6.2	9.6	4	4.0	4.8	3.9	5.5	5.6	6.7
Max.	5.8	6.0	7.6	6.8	33.0	4	4.4	5.6	4.5	5.5	5.6	6.7
Min.	5.8	6.0	7.6	6.0	4.0	4	3.8	4.4	3.9	5.5	5.6	6.7
A. F.	357	333	466	372	593	238	245	293	244	339	333	412
Total Acre Feet	4,225.											

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT WYOMING-  
NEBRASKA STATE LINE—1928  
Sec. 11, Twp. 14, Rge. 59 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	6	10	10	5	6	5	3	3	9	12	6
2	9	6	10	10	5	6	5	3	3	9	12	6
3	9	6	10	10	5	6	5	3	3	9	12	6
4	9	6	10	10	5	6	5	3	3	9	12	6
5	9	6	10	10	5	6	5	3	3	9	12	6
6	9	6	10	10	5	6	5	3	3	9	12	6
7	9	6	10	10	5	6	5	3	3	9	12	6
8	9	6	10	10	5	6	5	3	3	9	12	6
9	9	6	10	10	5	6	5	3	3	9	12	6
10	9	6	10	10	5	6	5	3	3	9	12	6
11	9	6	10	10	5	6	5	3	3	9	12	6
12	9	6	10	10	5	6	5	3	3	9	12	6
13	9	6	10	10	5	6	5	3	3	9	12	6
14	9	6	10	10	5	6	5	3	3	9	12	6
15	9	6	10	10	5	6	5	3	3	9	12	6
16	9	9	10	5	5	12	5	6	3	9	12	6
17	9	9	10	5	5	12	5	6	3	9	12	6
18	9	9	10	5	5	12	5	6	3	9	12	6
19	9	9	10	5	5	12	5	6	3	9	12	6
20	9	9	10	5	5	12	5	6	3	9	12	6
21	9	9	10	5	5	12	5	6	3	9	12	6
22	9	9	10	5	5	12	5	6	3	9	12	6
23	9	9	10	5	5	12	5	6	3	9	12	6
24	9	9	10	5	5	12	5	6	3	9	12	6
25	9	9	10	5	5	12	5	6	3	9	12	6
26	9	9	10	5	5	12	5	6	4	5	12	6
27	9	9	10	5	5	12	5	6	4	5	12	6
28	9	9	10	5	5	12	5	6	4	5	12	6
29	9	9	10	5	5	12	5	6	4	5	12	6
30	9	.....	10	5	5	12	5	6	4	5	12	6
31	9	.....	10	.....	5	.....	5	6	.....	5	.....	6
Mean	9	7	10	8	5	9	5	5	3	8	12	6
Max.	9	9	10	10	5	12	5	6	4	9	12	6
Min.	9	6	10	5	5	6	5	3	3	5	12	6
A. F.	553	428	615	476	307	535	307	279	188	506	714	369
Total Acre Feet	5,277.											

# HYDROGRAPHIC REPORT—1928

615

## DISCHARGE IN SECOND FEET, LODGEPOLE CREEK NEAR BUSHNELL—1924 Sec. 31, Twp. 15, Rge 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20	20	19	19	19	19	16	8	12	18	18	18
2	20	20	19	19	19	19	16	8	12	18	18	18
3	20	20	19	19	19	19	16	8	12	18	18	18
4	20	20	19	19	19	19	16	8	12	18	18	18
5	20	20	19	19	19	19	16	8	12	18	18	18
6	20	20	19	19	19	19	16	8	12	18	18	18
7	20	20	19	19	19	19	16	8	12	18	18	18
8	20	20	19	19	19	19	16	8	12	18	18	18
9	20	20	19	19	19	19	16	8	12	18	18	18
10	20	20	19	19	19	19	16	8	12	18	18	18
11	20	20	19	19	19	19	16	8	12	18	18	18
12	20	20	19	19	19	19	16	8	12	18	18	18
13	20	20	19	19	19	19	16	8	12	18	18	18
14	20	20	19	19	19	19	16	8	12	18	18	18
15	20	20	19	19	19	19	16	8	12	18	18	18
16	20	20	19	19	19	19	8	12	16	18	18	18
17	20	20	19	19	19	19	8	12	16	18	18	18
18	20	20	19	19	19	19	8	12	16	18	18	18
19	20	20	19	19	19	19	8	12	16	18	18	18
20	20	20	19	19	19	19	8	12	16	18	18	18
21	20	20	19	19	19	19	8	12	16	18	18	18
22	20	20	19	19	19	19	8	12	16	18	18	18
23	20	20	19	19	19	19	8	12	16	18	18	18
24	20	20	19	19	19	19	8	12	16	18	18	18
25	20	20	19	19	19	19	8	12	16	18	18	18
26	20	20	19	19	19	19	8	12	16	18	18	18
27	20	20	19	19	19	19	8	12	16	18	18	18
28	20	20	19	19	19	19	8	12	16	18	18	18
29	20	20	19	19	19	19	8	12	16	18	18	18
30	20	.....	19	19	19	19	8	12	16	18	18	18
31	20	.....	19	.....	19	.....	8	12	.....	18	.....	18
Mean	20	20	19	19	19	19	12	10	15	18	18	18
Max.	20	20	19	19	19	19	16	12	16	18	18	18
Min.	20	20	19	19	19	19	8	8	12	18	18	18
A. F.	1229	1150	1168	1130	1168	1130	729	619	873	1107	1071	1106
Total Acre Feet	12,480.											

## DISCHARGE IN SECOND FEET, LODGEPOLE CREEK NEAR BUSHNELL—1925 Sec. 31, Twp. 15, Rge 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
2	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
3	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
4	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
5	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
6	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
7	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
8	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
9	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
10	18	18	20.2	8.6	8.6	4.0	3.5	5.0	9.6	15	18	18
11	18	18	15.0	8.6	8.6	4.0	3.5	5.0	10.4	15	18	18
12	18	18	15.0	8.6	8.6	4.0	3.5	5.0	10.4	15	18	18
13	18	18	15.0	8.6	8.6	4.0	3.5	5.0	10.4	15	18	18
14	18	18	15.0	8.6	8.6	4.0	3.5	5.0	10.4	15	18	18
15	18	18	15.0	8.6	8.6	4.0	3.5	5.0	10.4	15	18	18
16	18	18	15.0	8.6	5.0	3.5	3.5	5.0	10.4	15	18	18
17	18	18	15.0	8.6	5.0	3.5	3.5	5.0	10.4	15	18	18
18	18	18	15.0	8.6	5.0	3.5	3.5	5.0	10.4	15	18	18
19	18	18	15.0	8.6	5.0	3.5	3.5	5.0	10.4	15	18	18
20	18	18	15.0	8.6	5.0	3.5	3.5	5.0	10.4	15	18	18
21	18	18	10.0	8.6	5.0	3.5	3.5	5.0	10.2	15	18	18
22	18	18	10.0	8.6	5.0	3.5	3.5	5.0	10.2	15	18	18
23	18	18	10.0	8.6	5.0	3.5	3.5	5.0	10.3	15	18	18
24	18	18	10.0	8.6	5.0	3.5	3.5	5.0	10.2	15	18	18
25	18	18	10.0	8.6	5.0	3.5	3.5	5.0	10.2	15	18	18
26	18	18	10.0	8.6	5.0	3.5	3.5	9.6	10.2	15	18	18
27	18	18	10.0	8.6	5.0	3.5	3.5	9.6	10.2	15	18	18
28	18	18	10.0	8.6	5.0	3.5	3.5	9.6	10.2	15	18	18
29	18	.....	10.0	8.6	5.0	3.5	3.5	9.6	10.2	15	18	18
30	18	.....	10.0	8.6	5.0	3.5	3.5	9.6	10.2	15	18	18
31	18	.....	10.0	.....	5.0	.....	3.5	9.6	.....	15	.....	18
Mean	18	18	14.9	8.6	5.9	3.7	3.5	5.9	10.1	15	18	18
Max.	18	18	20.2	8.6	8.6	4.0	3.5	9.6	10.4	15	18	18
Min.	18	18	10.0	8.6	5.0	3.5	3.5	5.0	9.6	15	18	18
A. F.	1071	999	916	512	365	222	216	363	564	922	1071	1107
Total Acre Feet	8,328.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK ABOVE KIMBALL  
RESERVOIR—1925

Sec. 33, Twp. 15, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
2	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
3	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
4	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
5	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
6	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
7	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
8	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
9	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
10	18.7	18.5	18.0	12.0	14.0	10.7	8.3	8.7	10.0	11.0	13.0	15.0
11	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
12	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
13	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
14	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
15	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
16	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
17	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
18	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
19	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
20	18.7	18.5	18.0	9.5	10.5	10.9	8.3	10.0	10.0	11.0	13.0	15.0
21	18.7	18.5	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
22	18.7	18.5	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
23	18.7	18.5	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
24	18.7	18.5	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
25	18.7	18.5	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
26	18.7	18.5	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
27	18.7	18.5	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
28	18.7	18.5	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
29	18.7	.....	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
30	18.7	.....	15.0	10.0	9.9	10.9	8.3	10.0	10.0	11.0	13.0	15.0
31	18.7	.....	15.0	.....	9.9	.....	8.3	10.0	.....	11.0	.....	15.0
Mean	18.7	18.5	16.9	10.5	11.4	10.8	8.3	9.6	10.0	11.0	13.0	15.0
Max.	18.7	18.5	18.0	12.0	14.0	10.9	8.3	10.0	10.0	11.0	13.0	15.0
Min.	18.7	18.5	15.0	9.5	9.9	10.7	8.3	8.7	10.0	11.0	13.0	15.0
A. F.	1150	1027	1041	625	702	645	510	589	595	676	773	922
Total Acre Feet	9,255.											

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK ABOVE KIMBALL  
RESERVOIR—1926

Sec. 33, Twp. 15, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	15	17	19	15	12	10	11	12	10	13	14	16
2	15	17	19	15	12	10	11	12	10	13	14	16
3	15	17	19	15	12	10	11	12	10	13	14	16
4	15	17	19	15	12	10	11	12	10	13	14	16
5	15	17	19	15	12	10	11	12	10	13	14	16
6	15	17	19	15	12	10	11	12	10	13	14	16
7	15	17	19	15	12	10	11	12	10	13	14	16
8	15	17	19	15	12	10	11	12	10	13	14	16
9	15	17	19	15	12	10	11	12	10	13	14	16
10	15	17	19	15	12	10	11	12	10	13	14	16
11	15	17	19	15	12	10	10	12	10	13	14	16
12	15	17	19	15	12	10	10	12	10	13	14	16
13	15	17	19	15	12	10	10	12	10	13	14	16
14	15	17	19	15	12	10	10	12	10	13	14	16
15	15	17	19	15	12	10	10	12	10	13	14	16
16	15	17	19	15	12	10	10	12	10	13	14	16
17	15	17	19	15	12	10	10	12	10	13	14	16
18	15	17	19	15	12	10	10	12	10	13	14	16
19	15	17	19	15	12	10	10	12	10	13	14	16
20	15	17	19	15	12	10	10	12	10	13	14	16
21	15	21	15	14	10	10	10	10	10	13	14	16
22	15	21	15	14	10	10	10	10	10	13	14	16
23	15	21	15	14	10	10	10	10	10	13	14	16
24	15	21	15	14	10	10	10	10	10	13	14	16
25	15	21	15	14	10	10	10	10	10	13	14	16
26	15	21	15	14	10	10	10	10	10	13	14	16
27	15	21	15	14	10	10	10	10	10	13	14	16
28	15	21	15	14	10	10	10	10	10	13	14	16
29	15	.....	15	14	10	10	10	10	10	13	14	16
30	15	.....	15	14	10	10	10	10	10	13	14	16
31	15	.....	15	.....	10	.....	10	10	.....	13	.....	16
Mean	15	18	18	15	11	10	10	11	10	13	14	16
Max.	15	21	19	15	12	10	11	12	10	13	14	16
Min.	15	17	15	14	10	10	10	10	10	13	14	16
A. F.	867	1019	1081	873	694	595	635	694	635	774	833	984
Total Acre Feet	9,684.											

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK ABOVE KIMBALL RESERVOIR—1927

Sec. 23, Twp. 15, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
2	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
3	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
4	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
5	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
6	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
7	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
8	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
9	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
10	12.8	18.5	16.0	15.6	4.1	15.0	12.7	10.6	13.1	15.8	14	15
11	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
12	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
13	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
14	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
15	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
16	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
17	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
18	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
19	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
20	12.8	18.5	16.0	15.6	4.1	15.0	6.6	12.8	13.1	15.8	14	15
21	12.8	18.5	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
22	12.8	18.5	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
23	12.8	18.5	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
24	12.8	18.5	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
25	12.8	18.5	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
26	12.8	18.5	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
27	12.8	18.5	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
28	12.8	18.5	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
29	12.8	.....	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
30	12.8	.....	16.0	24.6	16.7	15.0	6.6	13.2	14.6	15.8	14	15
31	12.8	.....	16.0	.....	16.7	.....	6.6	13.2	.....	15.8	.....	15
Mean	12.8	18.5	16.0	18.6	8.5	15.0	8.5	12.2	13.6	15.8	14	15
Max.	12.8	18.5	16.0	24.6	16.7	15.0	12.7	13.2	14.6	15.8	14	15
Min.	12.8	18.5	16.0	15.6	4.1	15.0	6.6	10.6	13.1	15.8	14	15
A. F.	787	1027	983	1106	527	892	527	751	809	972	833	922
Total Acre Feet	10,136.											

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK ABOVE KIMBALL RESERVOIR—1928

Sec. 23, Twp. 15, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	18	18	15	16	15	15	9	9	10	15	15	8
2	18	18	15	16	15	15	9	9	10	15	15	8
3	18	18	15	16	15	15	9	117	10	15	15	8
4	18	18	15	16	15	15	9	75	10	15	15	8
5	18	18	15	16	15	15	9	50	10	15	15	8
6	18	18	15	16	15	15	9	25	10	15	15	8
7	18	18	15	16	15	15	9	20	10	15	15	8
8	18	18	15	16	15	15	9	15	10	15	15	8
9	18	18	15	16	15	15	9	9	10	15	15	8
10	18	18	15	16	15	15	9	9	10	15	15	8
11	18	18	15	16	15	15	9	9	10	15	15	8
12	18	18	15	16	15	15	9	9	10	15	15	8
13	18	18	15	16	15	15	9	9	10	15	15	8
14	18	18	15	16	15	15	9	9	10	15	15	8
15	18	18	15	16	15	15	9	9	10	15	15	8
16	18	21	15	16	15	13	9	9	10	15	15	8
17	18	21	15	16	15	13	9	9	10	15	15	8
18	18	21	15	16	15	13	9	9	10	15	15	8
19	18	21	15	16	15	13	9	9	10	15	15	8
20	18	21	15	16	15	13	9	9	10	15	15	8
21	18	21	15	16	15	13	9	9	11	15	15	8
22	18	21	15	16	15	13	9	9	11	15	15	8
23	18	21	15	16	15	13	9	9	11	15	15	8
24	18	21	15	16	15	13	9	9	11	15	15	8
25	18	21	15	16	15	13	9	9	11	15	15	8
26	18	21	15	16	15	13	9	9	11	11	15	8
27	18	21	15	16	15	13	9	9	11	11	15	8
28	18	21	15	16	15	13	9	9	11	11	15	8
29	18	21	15	16	15	13	9	9	11	11	15	8
30	18	.....	15	16	15	13	9	9	11	11	15	8
31	18	.....	15	.....	15	.....	9	9	.....	11	.....	8
Mean	18	19	15	16	15	14	9	17	10	14	15	8
Max.	18	21	15	16	15	15	9	117	11	15	15	8
Min.	18	18	15	16	15	13	9	9	10	11	15	8
A. F.	1107	1119	922	952	922	833	553	1045	615	875	892	492
Total Acre Feet	10,327.											



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK BELOW KIMBALL RESERVOIR—1924

Sec. 36, Twp. 15, Rge. 57 W.

Date	* Jan.	* Feb.	Mar.	* Apr.	* May	June	* July	* Aug.	Sept.	Oct.	Nov.	* Dec.
1	3	3	3	2	3	3	5	1	1	2	3	3
2	3	3	3	2	3	3	5	1	1	2	3	3
3	3	3	3	2	3	3	5	1	1	2	3	3
4	3	3	3	2	3	3	5	1	1	2	3	3
5	3	3	3	2	3	3	5	1	1	2	3	3
6	3	3	3	2	3	3	5	1	1	3	3	3
7	3	3	3	2	3	3	5	1	1	3	3	3
8	3	3	3	2	3	3	5	1	1	3	3	3
9	3	3	3	2	3	3	5	1	1	3	3	3
10	3	3	3	2	3	3	5	1	1	3	3	3
11	3	3	2	2	3	3	5	1	2	3	3	3
12	3	3	2	2	3	3	5	1	2	3	3	3
13	3	3	2	2	3	3	5	1	2	3	3	3
14	3	3	2	2	3	3	5	1	2	3	3	3
15	3	3	2	2	3	3	5	1	2	3	3	3
16	3	3	2	2	3	3	2	1	2	3	3	3
17	3	3	2	2	3	3	2	1	2	3	3	3
18	3	3	2	2	3	3	2	1	2	3	3	3
19	3	3	2	2	3	3	2	1	2	3	3	3
20	3	3	2	2	3	3	2	1	2	3	3	3
21	3	3	2	2	3	3	2	1	2	3	3	3
22	3	3	2	2	3	3	2	1	2	3	3	3
23	3	3	2	2	3	3	2	1	2	3	3	3
24	3	3	2	2	3	3	2	1	2	3	3	3
25	3	3	2	2	3	3	2	1	2	3	3	3
26	3	3	2	2	3	3	2	1	2	3	3	3
27	3	3	2	2	3	3	2	1	2	3	3	3
28	3	3	2	2	3	3	2	1	2	3	3	3
29	3	3	2	2	3	3	2	1	2	3	3	3
30	3	3	2	2	3	3	2	1	2	3	3	3
31	3	—	2	—	3	—	2	1	—	3	—	3
Mean	3	3	2	2	3	3	3	1	2	3	3	3
Max.	3	3	3	2	3	3	5	1	3	3	3	3
Min.	3	3	2	2	3	3	2	1	1	2	3	3
A. F.	184	172	138	119	184	178	272	61	99	174	178	184
Total Acre Feet	1,943.											
*Estimated.												

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK BELOW KIMBALL

RESERVOIR—1925

Sec. 36, Twp. 15, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
2	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
3	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
4	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
5	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
6	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
7	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
8	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
9	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
10	4.7	3.8	4.6	2.0	3.9	4.1	2.9	3.1	3.0	2.5	2.7	3.5
11	4.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
12	4.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
13	4.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
14	4.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
15	4.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
16	4.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
17	3.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
18	3.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
19	3.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
20	3.7	3.8	3.0	1.0	4.0	3.6	2.9	2.2	3.0	2.5	2.7	3.5
21	4.7	3.8	2.0	3.3	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
22	4.7	3.8	2.0	3.3	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
23	4.7	3.8	2.0	3.3	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
24	4.7	3.8	2.0	3.3	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
25	4.7	3.8	2.0	3.3	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
26	4.7	3.8	2.0	3.3	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
27	4.7	3.8	2.0	3.2	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
28	4.7	3.8	2.0	3.3	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
29	4.7	—	2.0	3.3	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
30	4.7	—	2.0	3.3	4.7	3.6	3.9	3.0	2.4	2.5	2.7	3.5
31	4.7	—	2.0	—	4.7	—	3.9	3.0	—	2.5	—	3.5
Mean	4.7	3.8	3.1	2.2	4.2	3.7	2.9	2.8	2.8	2.5	2.7	3.5
Max.	4.7	3.8	4.6	3.3	4.7	4.1	3.9	3.1	3.0	2.5	2.7	3.5
Min.	4.7	3.8	2.0	1.0	3.9	3.6	2.9	2.2	2.4	2.5	2.7	3.5
A. F.	289	210	194	125	260	224	200	170	167	155	161	216
Total Acre Feet	2,371.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK BELOW KIMBALL  
RESERVOIR—1926**

Sec. 36, Twp. 15, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
2	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
3	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
4	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
5	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
6	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
7	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
8	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
9	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
10	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
11	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
12	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
13	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
14	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
15	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
16	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
17	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
18	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
19	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
20	4.0	3.8	2.1	2.7	4.5	3.6	3.0	2.7	2.5	2.4	1.6	5.6
21	4.0	3.8	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
22	4.0	3.8	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
23	4.0	3.8	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
24	4.0	3.8	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
25	4.0	3.8	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
26	4.0	3.8	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
27	4.0	3.8	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
28	4.0	3.8	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
29	4.0	-----	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
30	4.0	-----	2.1	2.3	4.1	3.6	3.0	2.8	2.5	2.4	1.6	3.0
31	4.0	-----	2.1	-----	4.1	-----	3.0	2.8	-----	2.4	-----	3.0
Mean	4.0	4.1	2.1	2.4	4.3	3.6	3.0	2.7	2.5	2.4	1.6	4.6
Max.	4.0	4.8	2.1	2.7	4.5	3.6	3.0	2.8	2.5	2.4	1.6	5.6
Min.	4.0	3.8	2.1	2.3	4.1	3.6	3.0	2.7	2.5	2.4	1.6	3.0
A. F.	246	231	129	153	267	212	184	168	149	147	95	287
Total	Acres Feet 2,268.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK BELOW KIMBALL  
RESERVOIR—1927**

Sec. 36, Twp. 15, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	0.7	2.4	3.5	3.5
2	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	.7	2.4	3.5	3.5
3	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	.7	2.4	3.5	3.5
4	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	.7	2.4	3.5	3.5
5	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	.7	2.4	3.5	3.5
6	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	.7	2.4	3.5	3.5
7	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	.7	2.4	3.5	3.5
8	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	.7	2.4	3.5	3.5
9	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	.7	2.4	3.5	3.5
10	3.9	4.7	4.0	1.1	10.1	2.6	2.9	3.9	.7	2.4	3.5	3.5
11	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
12	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
13	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
14	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
15	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
16	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
17	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
18	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
19	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
20	3.9	4.7	4.0	1.1	10.1	2.6	3.6	2.2	.7	2.4	3.5	3.5
21	3.9	4.7	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
22	3.9	4.7	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
23	3.9	4.7	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
24	3.9	4.7	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
25	3.9	4.7	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
26	3.9	4.7	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
27	3.9	4.7	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
28	3.9	4.7	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
29	3.9	-----	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
30	3.9	-----	4.0	4.6	2.6	2.6	3.6	.9	1.7	2.4	3.5	3.5
31	3.9	-----	4.0	-----	2.6	-----	3.6	.9	-----	2.4	-----	3.5
Mean	3.9	4.7	4.0	2.6	7.4	2.6	3.4	2.3	1.3	2.4	3.5	3.5
Max.	3.9	4.7	4.0	4.6	10.1	2.6	3.6	3.9	1.7	2.4	3.5	3.5
Min.	3.9	4.7	4.0	1.1	2.6	2.6	2.9	.9	.7	2.4	3.5	3.5
A. F.	240	259	246	135	458	154	208	140	61	146	208	218
Total	Acres Feet 2,473.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK BELOW KIMBALL RESERVOIR—1928**

Sec. 36, Twp. 15, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	4	2	1	1	5	5	3	3	4	3	2
2	3	4	2	1	1	5	5	3	3	4	3	2
3	3	4	2	1	1	5	5	3	3	4	3	2
4	3	4	2	1	1	5	5	3	3	4	3	2
5	3	4	2	1	1	5	5	3	3	4	3	2
6	3	4	2	1	1	5	5	3	3	4	3	2
7	3	4	2	1	1	5	5	3	3	4	3	2
8	3	4	2	1	1	5	5	3	3	4	3	2
9	3	4	2	1	1	5	5	3	3	4	3	2
10	3	4	2	1	1	5	5	3	3	4	3	2
11	3	4	2	1	1	5	5	3	3	4	3	2
12	3	4	2	1	1	5	5	3	3	4	3	2
13	3	4	2	1	1	5	5	3	3	4	3	2
14	3	4	2	1	1	5	5	3	3	4	3	2
15	3	4	2	1	1	5	5	3	3	4	3	2
16	3	4	2	1	1	4	5	5	3	4	3	2
17	3	4	2	1	1	4	5	5	3	4	3	2
18	3	4	2	1	1	4	5	5	3	4	3	2
19	3	4	2	1	1	4	5	5	3	4	3	2
20	3	4	2	1	1	4	5	5	3	4	3	2
21	3	4	2	1	1	4	5	5	3	4	3	2
22	3	4	2	1	1	4	5	5	3	4	3	2
23	3	4	2	1	1	4	5	5	3	4	3	2
24	3	4	2	1	1	4	5	5	3	4	3	2
25	3	4	2	1	1	4	5	5	3	4	3	2
26	3	4	2	1	1	4	5	5	3	4	3	2
27	3	4	2	1	1	4	5	5	3	4	3	2
28	3	4	2	1	1	4	5	5	3	4	3	2
29	3	4	2	1	1	4	5	5	3	4	3	2
30	3	---	2	1	1	4	5	5	3	4	3	2
31	3	---	2	---	1	---	5	5	---	4	---	2
Mean	3	4	2	1	1	4	5	4	3	4	3	2
Max.	3	4	2	1	1	5	5	5	3	4	3	2
Min.	3	4	2	1	1	4	5	3	3	4	3	2
A. F.	184	230	123	59	61	268	307	248	178	246	178	123
Total Acre Feet	2,205.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK NEAR KIMBALL—1925**

Sec. 29, Twp. 15, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9.0	12.0	8.7	8.0	0.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
2	9.0	12.0	8.7	8.0	.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
3	9.0	12.0	8.7	8.0	.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
4	9.0	12.0	8.7	8.0	.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
5	9.0	12.0	8.7	8.0	.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
6	9.0	12.0	8.7	8.0	.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
7	9.0	12.0	8.7	8.0	.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
8	9.0	12.0	8.7	8.0	.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
9	9.0	12.0	8.7	8.0	.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
10	9.0	12.0	8.7	8.0	.5	1.0	5.0	8.9	5.1	6.1	8.0	10.0
11	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
12	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
13	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
14	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
15	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
16	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
17	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
18	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
19	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
20	9.0	12.0	8.7	4.0	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
21	9.0	12.0	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
22	9.0	12.0	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
23	9.0	12.0	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
24	9.0	12.0	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
25	9.0	12.0	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
26	9.0	12.0	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
27	9.0	12.0	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
28	9.0	12.0	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
29	9.0	---	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
30	9.0	---	8.7	.4	.5	10.1	5.0	6.4	5.1	6.1	11.8	10.0
31	9.0	---	8.7	---	.5	---	5.0	6.4	---	6.1	---	10.0
Mean	9.0	12.0	8.7	4.1	0.5	7.1	5.0	7.5	5.3	6.1	10.5	10.0
Max.	9.0	12.0	8.7	8.0	.5	10.1	5.0	9.5	6.1	6.1	11.8	10.0
Min.	9.0	12.0	8.7	.4	.5	1.0	5.0	5.4	5.1	6.1	8.0	10.0
A. F.	553	666	535	246	31	420	307	460	311	375	627	615
Total Acre Feet	5,146.											

DISCHARGE IN SECOND FEET, LODGPOLE CREEK NEAR KIMBALL—1926  
Sec. 29, Twp. 15, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	11	12	9	4	9	4	8	8	9	5	12
2	....	11	12	9	4	9	4	8	8	9	5	12
3	....	11	12	9	4	9	4	8	8	9	5	12
4	....	11	12	9	4	9	4	8	8	9	5	12
5	....	11	12	9	4	9	4	8	8	9	5	12
6	....	11	12	9	4	9	4	8	8	9	5	12
7	....	11	12	9	4	9	4	8	8	9	5	12
8	....	11	12	9	4	9	4	8	8	9	5	12
9	....	11	12	9	4	9	4	8	8	9	5	12
10	....	11	12	9	4	9	4	8	8	9	5	12
11	....	11	12	9	4	9	4	8	8	9	5	12
12	....	11	12	9	4	9	4	8	8	9	5	12
13	....	11	12	9	4	9	4	8	8	9	5	12
14	....	11	12	9	4	9	4	8	8	9	5	12
15	....	11	12	9	4	9	4	8	8	9	5	12
16	....	11	12	9	4	9	4	8	8	9	5	12
17	....	11	12	9	4	9	4	8	8	9	5	12
18	....	11	12	9	4	9	4	8	8	9	5	12
19	....	11	12	9	4	9	4	8	8	9	5	12
20	....	11	12	9	4	9	4	8	8	9	5	12
21	....	16	9	2	4	9	7	4	8	9	5	12
22	....	16	9	2	4	9	7	4	8	9	5	12
23	....	16	9	2	4	9	7	4	8	9	5	12
24	....	16	9	2	4	9	7	4	8	9	5	12
25	....	16	9	2	4	9	7	4	8	9	5	12
26	....	16	9	2	4	9	7	4	8	9	5	12
27	....	16	9	2	4	9	7	4	8	9	5	12
28	....	16	9	2	4	9	7	4	8	9	5	12
29	....	....	9	2	4	9	7	4	8	9	5	12
30	....	....	9	2	4	9	7	4	8	9	5	12
31	....	....	9	....	4	....	7	4	....	9	....	12
Mean	....	12	11	7	4	9	5	7	8	9	5	12
Max.	....	16	12	9	4	9	7	6	8	9	5	12
Min.	....	11	9	2	4	9	4	4	8	9	5	12
A. F.	....	690	672	397	246	553	322	405	476	553	297	738

\*No Record.

DISCHARGE IN SECOND FEET, LODGPOLE CREEK NEAR KIMBALL—1927  
Sec. 29, Twp. 15, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
2	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
3	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
4	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
5	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
6	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
7	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
8	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
9	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
10	10	12.0	12.0	7.0	13.0	3.0	9.5	11.6	6.5	11.7	11	11
11	10	12.0	12.0	7.0	35.7	3.0	7.6	11.6	6.5	11.7	11	11
12	10	12.0	12.0	7.0	35.7	3.0	7.6	11.6	6.5	11.7	11	11
13	10	12.0	12.0	7.0	35.7	3.0	7.6	11.6	6.5	11.7	11	11
14	10	12.0	12.0	7.0	35.7	3.0	7.6	11.6	6.5	11.7	11	11
15	10	12.0	12.0	7.0	35.7	3.0	7.6	11.6	6.5	11.7	11	11
16	10	12.0	12.0	7.0	2.9	3.0	7.6	11.6	6.5	11.7	11	11
17	10	12.0	12.0	7.0	2.9	3.0	7.6	11.6	6.5	11.7	11	11
18	10	12.0	12.0	7.0	2.9	3.0	7.6	11.6	6.5	11.7	11	11
19	10	12.0	12.0	7.0	2.9	3.0	7.6	11.6	6.5	11.7	11	11
20	10	12.0	12.0	7.0	2.9	3.0	7.6	11.6	6.5	11.7	11	11
21	10	12.0	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
22	10	12.0	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
23	10	12.0	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
24	10	12.0	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
25	10	12.0	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
26	10	12.0	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
27	10	12.0	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
28	10	12.0	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
29	10	....	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
30	10	....	12.0	13.6	2.9	3.0	7.6	7.2	6.5	11.7	11	11
31	10	....	12.0	....	2.9	....	7.6	7.2	....	11.7	....	11
Mean	10	12.0	12.0	9.2	10.9	3.0	8.2	10.0	6.5	11.7	11	11
Max.	10	12.0	12.0	13.6	35.7	3.0	9.5	11.6	6.5	11.7	11	11
Min.	10	12.0	12.0	7.0	2.9	3.0	7.6	7.2	6.5	11.7	11	11
A. F.	614	666	737	547	674	178	505	616	386	720	654	676

Total Acre Feet 0,973.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK NEAR KIMBALL—1928  
Sec. 29, Twp. 15, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	12	10	6	9	9	500	14	4	12	12	14
2	10	12	10	6	9	9	250	14	4	12	12	14
3	10	12	10	6	9	9	100	14	4	12	12	14
4	10	12	10	6	9	9	50	14	4	12	12	14
5	10	12	10	6	9	9	13	14	4	12	12	14
6	10	12	10	6	9	9	13	14	4	12	12	14
7	10	12	10	6	9	9	13	14	4	12	12	14
8	10	12	10	6	9	9	13	14	4	12	12	14
9	10	12	10	6	9	9	13	14	4	12	12	14
10	10	12	10	6	9	9	13	14	4	12	12	14
11	10	12	10	6	9	9	13	14	4	12	12	14
12	10	12	10	6	9	9	13	14	4	12	12	14
13	10	12	10	6	9	9	13	14	4	12	12	14
14	10	12	10	6	9	9	13	14	4	12	12	14
15	10	12	10	6	9	9	13	14	4	12	12	14
16	10	12	10	6	9	9	13	9	6	12	12	14
17	10	12	10	6	9	9	13	9	6	12	12	14
18	10	12	10	6	9	9	13	9	6	12	12	14
19	10	12	10	6	9	9	13	9	6	12	12	14
20	10	12	10	6	9	9	13	9	6	12	12	14
21	10	12	10	6	9	9	13	9	6	17	12	14
22	10	12	10	6	9	9	13	9	6	17	12	14
23	10	12	10	6	9	9	13	9	6	17	12	14
24	10	12	10	6	9	9	13	9	6	17	12	14
25	10	12	10	6	9	9	13	9	6	17	12	14
26	10	12	10	6	9	9	13	9	6	17	12	14
27	10	12	10	6	9	9	13	9	6	17	12	14
28	10	12	10	6	9	9	13	9	6	17	12	14
29	10	12	10	6	9	3500	13	9	6	17	12	14
30	10	---	10	6	9	1000	13	9	6	17	12	14
31	10	---	10	---	9	---	13	9	---	17	---	14
Mean	10	12	10	6	9	128	40	11	5	14	12	14
Max.	10	12	10	6	9	3500	500	14	6	17	12	14
Min.	10	12	10	6	9	9	13	9	4	12	12	14
A. F.	615	690	615	357	553	7640	2481	702	297	847	714	861
Total Acre Feet	16,372.											

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK ABOVE BENNETT  
RESERVOIR—1928  
Sec. 28, Twp. 15, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	10	11	6	1	1	8	1	1	2	12	3
2	10	10	11	6	1	1	8	1	1	2	12	3
3	10	10	11	6	1	1	8	1	1	2	12	3
4	10	10	11	6	1	1	8	1	1	2	12	3
5	10	10	11	6	1	1	8	1	1	2	12	3
6	10	10	11	6	1	1	8	1	1	2	12	3
7	10	10	11	6	1	1	8	1	1	2	12	3
8	10	10	11	6	1	1	8	1	1	2	12	3
9	10	10	11	6	1	1	8	1	1	2	12	3
10	10	10	11	6	1	1	8	1	1	2	12	3
11	10	10	11	6	1	1	8	1	1	2	12	3
12	10	10	11	6	1	1	8	1	1	2	12	3
13	10	10	11	6	1	1	8	1	1	2	12	3
14	10	10	11	6	1	1	8	1	1	2	12	3
15	10	10	11	6	1	1	8	1	1	2	12	3
16	10	11	11	6	1	1	8	0	1	2	12	3
17	10	11	11	6	1	1	8	0	1	2	12	3
18	10	11	11	6	1	1	8	0	1	2	12	3
19	10	11	11	6	1	1	8	0	1	2	12	3
20	10	11	11	6	1	1	8	0	1	2	12	3
21	10	11	11	6	1	1	8	0	2	2	12	3
22	10	11	11	6	1	1	8	0	2	2	12	3
23	10	11	11	6	1	1	8	0	2	2	12	3
24	10	11	11	6	1	1	8	0	2	2	12	3
25	10	11	11	6	1	1	8	0	2	2	12	3
26	10	11	11	6	1	1	8	0	2	2	12	3
27	10	11	11	6	1	1	8	0	2	2	12	3
28	10	11	11	6	1	1	8	0	2	2	12	3
29	10	11	11	6	1	1	8	0	2	2	12	3
30	10	---	11	6	1	1	8	0	2	2	12	3
31	10	---	11	---	1	---	8	0	---	2	---	3
Mean	10	10	11	6	1	1	8	1	1	2	12	3
Max.	16	11	11	6	1	1	8	1	2	2	12	3
Min.	10	10	11	6	1	1	8	0	1	2	12	3
A. F.	615	608	676	357	61	59	492	30	59	124	714	184
Total Acre Feet	3,974.											

HYDROGRAPHIC REPORT—1928

623

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK NEAR DIX—1927  
Sec. 26, Twp. 15, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	1.1	8.1	0	0	0	0	0	0	0
2	0	0	0	1.1	8.1	0	0	0	0	0	0	0
3	0	0	0	1.1	8.1	0	0	0	0	0	0	0
4	0	0	0	1.1	8.1	0	0	0	0	0	0	0
5	0	0	0	1.1	8.1	0	0	0	0	0	0	0
6	0	0	0	1.1	8.1	0	0	0	0	0	0	0
7	0	0	0	1.1	8.1	0	0	0	0	0	0	0
8	0	0	0	1.1	8.1	0	0	0	0	0	0	0
9	0	0	0	1.1	8.1	0	0	0	0	0	0	0
10	0	0	0	1.1	8.1	0	0	0	0	0	0	0
11	0	0	0	1.1	8.1	0	0	0	0	0	0	0
12	0	0	0	1.1	8.1	0	0	0	0	0	0	0
13	0	0	0	1.1	8.1	0	0	0	0	0	0	0
14	0	0	0	1.1	8.1	0	0	0	0	0	0	0
15	0	0	0	1.1	8.1	0	0	0	0	0	0	0
16	0	0	0	1.1	8.1	0	0	0	0	0	0	0
17	0	0	0	1.1	8.1	0	0	0	0	0	0	0
18	0	0	0	1.1	8.1	0	0	0	0	0	0	0
19	0	0	0	1.1	8.1	0	0	0	0	0	0	0
20	0	0	0	1.1	8.1	0	0	0	0	0	0	0
21	0	0	0	6.8	0	0	0	0	0	0	0	0
22	0	0	0	6.8	0	0	0	0	0	0	0	0
23	0	0	0	6.8	0	0	0	0	0	0	0	0
24	0	0	0	6.8	0	0	0	0	0	0	0	0
25	0	0	0	6.8	0	0	0	0	0	0	0	0
26	0	0	0	6.8	0	0	0	0	0	0	0	0
27	0	0	0	6.8	0	0	0	0	0	0	0	0
28	0	0	0	6.8	0	0	0	0	0	0	0	0
29	0	---	0	6.8	0	0	0	0	0	0	0	0
30	0	---	0	6.8	0	0	0	0	0	0	0	0
31	0	---	0	-----	0	---	0	0	---	0	---	0
Mean	0	0	0	3.3	5.4	0	0	0	0	0	0	0
Max.	0	0	0	6.8	8.1	0	0	0	0	0	0	0
Min.	0	0	0	1.1	0	0	0	0	0	0	0	0
A. F.	0	0	0	198	321	0	0	0	0	0	0	0
Total Acre Feet	519.											

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK SOUTH OF SIDNEY—1924  
Sec. 32, Twp. 14, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.0	2.0	1.4	1.6
2	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.0	2.0	1.4	1.6
3	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.0	2.0	1.4	1.6
4	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.0	2.0	1.4	1.6
5	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.0	2.0	1.4	1.6
6	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.0	2.0	1.4	1.6
7	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.9	2.0	1.4	1.6
8	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.0	2.0	1.4	1.6
9	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.0	2.0	1.4	1.6
10	7.5	7.5	5.0	5.0	5.5	6.0	1.0	1.0	6.0	2.0	1.4	1.6
11	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
12	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
13	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
14	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
15	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
16	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
17	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
18	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
19	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
20	7.5	7.0	5.0	5.0	6.0	3.5	1.0	1.0	5.0	2.0	1.4	1.6
21	7.5	5.0	5.0	5.0	6.0	1.5	1.0	2.0	3.5	1.5	1.6	1.6
22	7.5	5.0	5.0	5.0	6.0	1.5	1.0	2.0	3.5	1.5	1.6	1.6
23	7.5	5.0	5.0	5.0	6.0	1.5	1.0	2.0	3.5	1.5	1.6	1.6
24	7.5	5.0	5.0	5.0	6.0	1.5	1.0	2.0	3.5	1.5	1.6	1.6
25	7.5	5.0	5.0	5.0	6.0	1.5	1.0	2.0	3.5	1.5	1.6	1.6
26	7.5	5.0	5.0	5.0	6.0	1.5	1.0	4.0	3.5	1.5	1.6	1.6
27	7.5	5.0	5.0	5.0	6.0	1.5	1.0	4.0	3.5	1.5	1.6	1.6
28	7.5	5.0	5.0	5.0	6.0	1.5	1.0	4.0	3.5	1.5	1.6	1.6
29	7.5	5.0	5.0	5.0	6.0	1.5	1.0	4.0	3.5	1.5	1.6	1.6
30	7.5	-----	5.0	5.0	6.0	1.5	1.0	4.0	3.5	1.5	1.6	1.6
31	7.0	-----	5.0	-----	6.0	-----	1.0	4.0	-----	1.5	-----	1.6
Mean	7.4	6.5	5.0	5.0	5.8	3.6	1.0	3.4	4.8	1.7	1.5	1.6
Max.	7.5	7.5	5.0	5.0	6.0	6.0	1.0	4.0	6.0	2.0	1.6	1.6
Min.	7.0	5.0	5.0	5.0	5.5	1.5	1.0	1.0	3.5	1.5	1.4	1.6
A. F.	460	377	307	298	359	218	61	107	287	110	87	90
Total Acre Feet	2,761.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK SOUTH OF SIDNEY—1923**  
 Sec. 32, Twp. 14, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	1.0	1.2	3.0	1.2	0.9	0.8	3.9	1.4	0.6	1.0	1.5
2	2.0	1.0	1.2	3.0	1.2	.9	.8	3.9	1.4	.6	1.0	1.5
3	2.0	1.0	1.2	3.0	1.2	.9	.8	3.9	1.4	.6	1.0	1.5
4	2.0	1.0	1.2	3.0	1.2	.9	.8	3.9	1.4	.6	1.0	1.5
5	2.0	1.0	1.2	3.0	1.2	.9	.8	3.9	1.4	.6	1.0	1.5
6	2.0	1.0	1.2	3.0	1.2	.9	.8	3.9	1.4	.6	1.0	1.5
7	2.0	1.0	1.2	3.0	1.2	.9	.8	3.9	1.4	.6	1.0	1.5
8	2.0	1.0	1.2	3.0	1.2	.9	.8	3.9	1.4	.6	1.0	1.5
9	2.0	1.0	1.2	3.0	1.2	.9	.8	3.9	1.4	.6	1.0	1.5
10	2.0	1.0	1.2	3.0	1.2	.9	.8	3.9	1.4	.6	1.0	1.5
11	2.0	3.3	1.5	6.9	1.2	.9	.8	2.1	1.2	.6	1.5	1.5
12	2.0	3.3	1.5	6.9	1.2	.9	.8	2.1	1.2	.6	1.5	1.5
13	2.0	3.3	1.5	6.9	1.2	.9	.8	2.1	1.2	.6	1.5	1.5
14	2.0	3.3	1.5	6.9	1.2	.9	.8	2.1	1.2	.6	1.5	1.5
15	2.0	3.3	1.5	6.9	1.2	.9	.8	2.1	1.2	.6	1.5	1.5
16	2.0	3.3	1.5	3.8	1.2	.9	.8	2.1	.7	.6	1.5	1.5
17	2.0	3.3	1.5	3.8	1.2	.9	.8	2.1	.7	.6	1.5	1.5
18	2.0	3.3	1.5	3.8	1.2	.9	.8	2.1	.7	.6	1.5	1.5
19	2.0	3.3	1.5	3.8	1.2	.9	.8	2.1	.7	.6	1.5	1.5
20	2.0	3.3	1.5	3.8	1.2	.9	.8	2.1	.7	.6	1.5	1.5
21	2.0	3.0	1.7	3.8	1.2	.9	.8	1.6	.7	.6	1.5	1.5
22	2.0	3.0	1.7	3.8	1.2	.9	.8	1.6	.7	.6	1.5	1.5
23	2.0	3.0	1.7	3.8	1.2	.9	.8	1.6	.7	.6	1.5	1.5
24	2.0	3.0	1.7	3.8	1.2	.9	.8	1.6	.7	.6	1.5	1.5
25	2.0	3.0	1.7	3.8	1.2	.9	.8	1.6	.7	.6	1.5	1.5
26	2.0	3.0	1.7	3.0	1.2	.9	.8	1.6	.7	.6	1.5	1.5
27	2.0	3.0	1.7	3.0	1.2	.9	.8	1.6	.7	.6	1.5	1.5
28	2.0	3.0	1.7	3.0	1.2	.9	.8	1.6	.7	.6	1.5	1.5
29	2.0	-----	1.7	3.0	1.2	.9	.8	1.6	.7	.6	1.5	1.5
30	2.0	-----	1.7	3.0	1.2	.9	.8	1.6	.7	.6	1.5	1.5
31	2.0	-----	1.7	-----	1.2	-----	.8	1.6	-----	.6	-----	1.5
Mean	2.0	2.4	1.5	3.9	1.2	0.9	0.8	2.5	1.0	0.6	1.3	1.5
Max.	2.0	3.3	1.7	6.9	1.2	.9	.8	3.9	1.4	.6	1.5	1.5
Min.	2.0	1.0	1.2	3.0	1.2	.9	.8	1.6	.7	.6	1.0	1.5
A. F.	123	133	91	232	73	54	49	155	121	38	79	93
Total Acre Feet	1,241.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK SOUTH OF SIDNEY—1926**  
 Sec. 32, Twp. 14, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	2	3	2	1	1	2	2	1	2	3	3
2	....	2	3	2	1	1	2	2	1	2	3	3
3	....	2	3	2	1	1	2	2	1	2	3	3
4	....	2	3	2	1	1	2	2	1	2	3	3
5	....	2	3	2	1	1	2	2	1	2	3	3
6	....	2	3	2	1	1	2	2	1	2	3	3
7	....	2	3	2	1	1	2	2	1	2	3	3
8	....	2	3	2	1	1	2	2	1	2	3	3
9	....	2	3	2	1	1	2	2	1	2	3	3
10	....	2	3	2	1	1	2	2	1	2	3	3
11	....	1	3	2	1	1	2	1	1	2	3	3
12	....	1	3	2	1	1	2	1	1	2	3	3
13	....	1	3	2	1	1	2	1	1	2	3	3
14	....	1	3	2	1	1	2	1	1	2	3	3
15	....	1	3	2	1	1	2	1	1	2	3	3
16	....	1	3	2	1	1	2	1	1	2	3	3
17	....	1	3	2	1	1	2	1	1	2	3	3
18	....	1	3	2	1	1	2	1	1	2	3	3
19	....	1	3	2	1	1	2	1	1	2	3	3
20	....	1	3	2	1	1	2	1	1	2	3	3
21	....	3	1	2	1	1	2	1	1	2	3	3
22	....	3	1	2	1	1	2	1	1	2	3	3
23	....	3	1	2	1	1	2	1	1	2	3	3
24	....	3	1	2	1	1	2	1	1	2	3	3
25	....	3	1	2	1	1	2	1	1	2	3	3
26	....	3	1	2	1	1	2	1	1	2	3	3
27	....	3	1	2	1	1	2	1	1	2	3	3
28	....	3	1	2	1	1	2	1	1	2	3	3
29	....	....	1	2	1	1	2	1	1	2	3	3
30	....	....	1	2	1	1	2	1	1	2	3	3
31	....	....	1	2	1	1	2	1	1	2	3	3
Mean	....	2	2	....	1	1	2	1	....	....	....	3
Max.	....	3	3	2	1	1	2	2	1	2	3	3
Min.	....	1	1	2	1	1	2	1	1	2	3	3
A. F.	....	197	141	119	61	59	123	81	59	123	178	184
*No Record.												

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK SOUTH OF SIDNEY—1927**  
 Sec. 32, Twp. 14, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
2	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
3	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
4	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
5	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
6	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
7	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
8	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
9	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
10	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
11	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
12	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
13	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
14	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
15	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
16	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
17	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
18	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
19	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
20	2.5	2.5	2.5	7.4	11.4	5.0	2.9	1.9	2.2	2.2	2.1	1.4
21	2.5	2.5	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
22	2.5	2.5	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
23	2.5	2.5	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
24	2.5	2.5	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
25	2.5	2.5	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
26	2.5	2.5	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
27	2.5	2.5	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
28	2.5	2.5	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
29	2.5	.....	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
30	2.5	.....	5.9	7.4	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
31	2.5	.....	5.9	.....	11.4	.....	2.9	1.9	.....	2.2	.....	1.5
Mean	2.5	2.5	3.0	6.8	11.4	5.0	2.9	1.9	2.6	2.2	1.9	1.4
Max.	2.5	2.5	5.9	7.4	11.4	5.0	2.9	1.9	3.3	2.2	2.1	1.4
Min.	2.5	2.5	2.5	5.6	11.4	5.0	2.9	1.9	2.2	2.2	1.6	1.4
A. F.	153	138	228	404	700	297	178	116	152	135	115	86
Total Acre Feet	2,702.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK SOUTH OF SIDNEY—1928**  
 Sec. 32, Twp. 14, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	1	1	1	1	1	1	4	2	6	5	2
2	1	1	1	1	1	1	1	4	2	6	5	2
3	1	1	1	1	1	1	1	4	2	6	5	2
4	1	1	1	1	1	1	1	4	2	6	5	2
5	1	1	1	1	1	1	1	4	2	6	5	2
6	1	1	1	1	1	1	1	4	2	6	5	2
7	1	1	1	1	1	1	1	4	2	6	5	2
8	1	1	1	1	1	1	1	4	2	6	5	2
9	1	1	1	1	1	1	1	4	2	6	5	2
10	1	1	1	1	1	1	1	4	2	6	5	2
11	1	1	1	1	1	1	1	4	2	6	5	2
12	1	1	1	1	1	1	1	4	2	6	5	2
13	1	1	1	1	1	1	1	4	2	6	5	2
14	1	1	1	1	1	1	1	4	2	6	5	2
15	1	1	1	1	1	1	1	4	2	6	5	2
16	1	2	1	1	1	1	7	4	2	6	3	2
17	1	2	1	1	1	1	7	4	2	6	3	2
18	1	2	1	1	1	1	7	4	2	6	3	2
19	1	2	1	1	1	1	7	4	2	6	3	2
20	1	2	1	1	1	1	7	4	2	6	3	2
21	1	2	1	1	1	1	7	4	2	6	3	2
22	1	2	1	1	1	1	7	4	2	6	3	2
23	1	2	1	1	1	1	7	4	2	6	3	2
24	1	2	1	1	1	1	7	4	2	6	3	2
25	1	2	1	1	1	1	7	4	2	6	3	2
26	1	2	1	1	1	1	7	4	2	6	3	2
27	1	2	1	1	1	1	7	4	2	6	3	2
28	1	2	1	1	1	1	7	4	2	6	3	2
29	1	2	1	1	1	1	7	4	2	6	3	2
30	1	.....	1	1	1	1	7	4	2	6	3	2
31	1	.....	1	.....	1	.....	7	4	.....	6	.....	2
Mean	1	1	1	1	1	1	4	4	.....	6	.....	4
Max.	1	2	1	1	1	1	7	4	2	6	5	2
Min.	1	1	1	1	1	1	1	4	2	6	3	2
A. F.	61	85	61	59	61	59	252	246	119	369	238	123
Total Acre Feet	1,733.											



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK, ONE MILE WEST OF LODGEPOLE—1924

Sec. 30, Twp. 14, Rge. 46 W.												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13	23	27	31	17	26	1	4	4	2	6	6
2	13	23	27	31	17	26	1	4	4	2	6	6
3	13	23	27	31	17	26	1	4	4	2	6	6
4	13	23	27	31	17	26	1	4	4	2	6	6
5	13	23	27	31	17	26	1	4	4	2	6	6
6	13	23	27	29	19	23	1	4	4	2	6	6
7	13	23	27	29	19	23	1	4	4	2	6	6
8	13	23	27	29	19	23	1	4	4	2	6	6
9	13	23	27	29	19	23	1	4	4	2	6	6
10	13	23	27	29	19	23	1	4	4	2	6	6
11	13	23	27	26	20	18	2	5	4	2	6	6
12	13	23	27	26	20	18	2	5	4	2	6	6
13	13	23	27	26	20	18	2	5	4	2	6	6
14	13	23	27	26	20	18	2	5	4	2	6	6
15	13	23	27	26	20	18	2	5	4	2	6	6
16	13	23	32	24	22	12	2	5	3	2	6	6
17	13	23	32	24	22	12	2	5	3	2	6	6
18	13	23	32	24	22	12	2	5	3	2	6	6
19	13	23	32	24	22	12	2	5	3	2	6	6
20	13	23	32	24	22	12	2	5	3	2	6	6
21	13	23	32	23	22	7	3	5	3	2	6	6
22	13	23	32	23	22	7	3	5	3	2	6	6
23	13	23	32	23	22	7	3	5	3	2	6	6
24	13	23	32	23	22	7	3	5	3	2	6	6
25	13	23	32	23	22	7	3	5	3	2	6	6
26	13	23	35	19	24	3	3	5	3	2	6	6
27	13	23	35	19	24	3	3	5	3	2	6	6
28	13	23	35	19	24	3	3	5	3	2	6	6
29	13	23	35	19	24	3	3	5	3	2	6	6
30	13	.....	35	19	24	3	3	5	3	2	6	6
31	13	.....	35	.....	24	.....	3	5	.....	2	.....	6
Mean	13	23	30	24	21	15	2	4	3	2	6	6
Max.	13	23	35	31	24	26	3	5	4	2	6	6
Min.	13	23	27	19	17	3	1	4	3	2	6	6
A. F.	788	1323	1854	1507	1277	882	125	187	214	123	357	369
Total Acre Feet	9,106.											

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK, ONE MILE WEST OF LODGEPOLE—1925

Sec. 30, Twp. 14, Rge. 46 W.												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9.0	8.8	8.8	5.0	2.3	1.5	0.8	0.6	6.3	3.0	6.4	6.5
2	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	6.3	3.0	6.4	6.5
3	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	6.3	3.0	6.4	6.5
4	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	6.3	3.0	6.4	6.5
5	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	6.3	3.0	6.4	6.5
6	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	2.6	3.0	6.4	6.5
7	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	2.6	3.0	6.4	6.5
8	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	2.6	3.0	6.4	6.5
9	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	2.6	3.0	6.4	6.5
10	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	2.6	3.0	6.4	6.5
11	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	2.6	3.0	6.4	6.5
12	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	2.6	3.0	6.4	6.5
13	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	2.6	3.0	6.4	6.5
14	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	2.6	3.0	6.4	6.5
15	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	2.6	3.0	6.4	6.5
16	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	3.4	3.0	6.4	6.5
17	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	3.4	3.0	6.4	6.5
18	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	3.4	3.0	6.4	6.5
19	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	3.4	3.0	6.4	6.5
20	9.0	8.8	8.8	.9	2.0	1.0	.8	.1	3.4	3.0	6.4	6.5
21	9.0	8.8	8.8	.9	1.5	.6	.8	.1	3.4	3.0	6.4	6.5
22	9.0	8.8	8.8	.9	1.5	.6	.8	.1	3.4	3.0	6.4	6.5
23	9.0	8.8	8.8	.9	1.5	.6	.8	.1	3.4	3.0	6.4	6.5
24	9.0	8.8	8.8	.9	1.5	.6	.8	.1	3.4	3.0	6.4	6.5
25	9.0	8.8	8.8	.9	1.5	.6	.8	.1	3.4	3.0	6.4	6.5
26	9.0	8.8	8.8	.9	1.5	.6	.8	.1	3.3	3.0	6.4	6.5
27	9.0	8.8	8.8	.9	1.5	.6	.8	.1	3.3	3.0	6.4	6.5
28	9.0	8.8	8.8	.9	1.5	.6	.8	.1	3.3	3.0	6.4	6.5
29	9.0	.....	8.8	.9	1.5	.6	.8	.1	3.3	3.0	6.4	6.5
30	9.0	.....	8.8	.9	1.5	.6	.8	.1	3.3	3.0	6.4	6.5
31	9.0	.....	8.8	.....	1.5	.....	.8	.1	.....	3.0	.....	6.5
Mean	9.0	8.8	8.8	2.2	1.9	1.0	0.8	0.3	3.6	3.0	6.4	6.5
Max.	9.0	8.8	8.8	5.0	2.3	1.5	.8	.6	6.3	3.0	6.4	6.5
Min.	9.0	8.8	8.8	.9	1.5	.6	.8	.1	2.6	3.0	6.4	6.5
A. F.	553	454	541	135	119	61	49	16	214	184	381	399
Total Acre Feet	3,106.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, LODGEPOLE CREEK, ONE MILE WEST OF LODGEPOLE—1926 Sec. 30, Twp. 14, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11	16	6	4	2	1	0.3	0.2	3	2	6	6
2	11	16	6	4	2	1	.3	.2	3	2	6	6
3	11	16	6	4	2	1	.3	.2	3	2	6	6
4	11	16	6	4	2	1	.3	.2	3	2	6	6
5	11	16	6	4	2	1	.3	.2	3	2	6	6
6	11	16	6	4	2	1	.3	.2	3	2	6	6
7	11	16	6	4	2	1	.3	.2	3	2	6	6
8	11	16	6	4	2	1	.3	.2	3	2	6	6
9	11	16	6	4	2	1	.3	.2	3	2	6	6
10	11	16	6	4	2	1	.3	.2	3	2	6	6
11	11	16	6	4	2	1	.3	.5	3	2	6	6
12	11	16	6	4	2	1	.3	.5	3	2	6	6
13	11	16	6	4	2	1	.3	.5	3	2	6	6
14	11	16	6	4	2	1	.3	.5	3	2	6	6
15	11	16	6	4	2	1	.3	.5	3	2	6	6
16	11	16	6	4	2	1	.3	.5	3	2	6	6
17	11	16	6	4	2	1	.3	.5	3	2	6	6
18	11	16	6	4	2	1	.3	.5	3	2	6	6
19	11	16	6	4	2	1	.3	.5	3	2	6	6
20	11	16	6	4	2	1	.3	.5	3	2	6	6
21	11	16	11	1	2	1	.3	.5	3	2	6	6
22	11	16	11	1	2	1	.3	.5	3	2	6	6
23	11	16	11	1	2	1	.3	.5	3	2	6	6
24	11	16	11	1	2	1	.3	.5	3	2	6	6
25	11	16	11	1	2	1	.3	.5	3	2	6	6
26	11	16	11	1	2	1	.3	.5	3	2	6	6
27	11	16	11	1	2	1	.3	.5	3	2	6	6
28	11	16	11	1	2	1	.3	.5	3	2	6	6
29	11	....	11	1	2	1	.3	.5	3	2	6	6
30	11	....	10	1	2	1	.3	.5	3	2	6	6
31	11	....	10	....	2	....	.5	.5	....	2	....	6
Mean	11	16	8	3	2	1	0.3	0.4	3	2	6	6
Max.	11	16	11	4	2	1	.3	.5	3	2	6	6
Min.	11	16	6	1	2	1	.3	.2	3	2	6	6
A. F.	676	889	496	178	123	60	18	24	178	123	357	369
Total Acre Feet	3,491.											

## DISCHARGE IN SECOND FEET, LODGEPOLE CREEK, ONE MILE WEST OF LODGEPOLE—1927 Sec. 30, Twp. 14, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	18.6	15.2	13.1	2.0	2.0	2.0	.....	3.0	7.5	4.4
2	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.5	4.4
3	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.5	4.4
4	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.5	4.4
5	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.5	4.4
6	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.5	4.4
7	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.5	4.4
8	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.5	4.4
9	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.5	4.4
10	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.5	4.4
11	....	....	18.6	23.9	13.1	2.0	2.0	2.0	4.8	3.0	10.8	4.4
12	....	....	18.6	23.9	13.1	2.0	2.0	2.0	4.8	3.0	10.8	4.4
13	....	....	18.6	23.9	13.1	2.0	2.0	2.0	4.8	3.0	10.8	4.4
14	....	....	18.6	23.9	13.1	2.0	2.0	2.0	4.8	3.0	10.8	4.4
15	....	....	18.6	23.9	13.1	2.0	2.0	2.0	4.8	3.0	10.8	4.4
16	....	....	18.6	23.9	13.1	2.0	2.0	6.2	4.8	3.0	10.8	4.4
17	....	....	18.6	23.9	13.1	2.0	2.0	6.2	4.8	3.0	10.8	4.4
18	....	....	18.6	23.9	13.1	2.0	2.0	6.2	4.8	3.0	10.8	4.4
19	....	....	18.6	23.9	13.1	2.0	2.0	6.2	4.8	3.0	10.8	4.4
20	....	....	18.6	23.9	13.1	2.0	2.0	6.2	4.8	3.0	10.8	4.4
21	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
22	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
23	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
24	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
25	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
26	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
27	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
28	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
29	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
30	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	7.0	4.4
31	....	....	18.6	....	13.1	....	4.2	6.2	....	3.0	....	4.4
Mean	....	....	18.6	21.0	13.1	2.0	2.7	5.0	7.1	3.0	8.2	4.4
Max.	....	....	18.6	23.9	13.1	2.0	4.2	6.2	11.7	3.0	10.8	4.4
Min.	....	....	18.6	15.2	13.1	2.0	2.0	2.0	4.8	3.0	7.0	4.4
A. F.	....	....	1142	1249	805	119	162	294	422	184	486	270

\*No Record.

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK, ONE MILE WEST OF LODGEPOLE—1928**  
 Sec. 30, Twp. 14, Rge. 46 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	6	6	3	0.3	1	12	7	4	14	16	12
2	5	6	6	3	.3	1	12	7	4	14	16	12
3	5	6	6	3	.3	1	12	7	4	14	16	12
4	5	6	6	3	.3	1	12	7	4	14	16	12
5	5	6	6	3	.3	1	12	7	4	14	16	12
6	5	6	6	3	.3	1	12	7	4	14	16	12
7	5	6	6	3	.3	1	12	7	4	14	16	12
8	5	6	6	3	.3	1	12	7	4	14	16	12
9	5	6	6	3	.3	1	12	7	4	14	16	12
10	5	6	6	3	.3	1	12	7	4	14	16	12
11	5	6	6	3	.3	1	12	7	10	14	16	12
12	5	6	6	3	.3	1	12	7	10	14	16	12
13	5	6	6	3	.3	1	12	7	10	14	16	12
14	5	6	6	3	.3	1	12	7	10	14	16	12
15	5	6	6	3	.3	1	12	7	10	14	16	12
16	5	6	9	1	.3	1	14	7	10	14	6	12
17	5	6	9	1	.3	1	14	7	10	14	6	12
18	5	6	9	1	.3	1	14	7	10	14	6	12
19	5	6	9	1	.3	1	14	7	10	14	6	12
20	5	6	9	1	.3	1	14	7	10	14	6	12
21	5	6	9	1	.3	1	14	7	6	14	6	12
22	5	6	9	1	.3	1	14	7	6	14	6	12
23	5	6	9	1	.3	1	14	7	6	14	6	12
24	5	6	9	1	.3	1	14	7	6	14	6	12
25	5	6	9	1	.3	1	14	7	6	14	6	12
26	5	6	9	1	.3	1	14	7	6	14	6	12
27	5	6	9	1	.3	1	14	7	6	14	6	12
28	5	6	9	1	.3	1	14	7	6	14	6	12
29	5	6	9	1	.3	1	14	7	6	14	6	12
30	5	9	9	1	.3	1	14	7	6	14	6	12
31	5	9	9	.....	.3	.....	14	7	.....	14	.....	12
Mean	5	6	8	2	0.3	1	13	7	7	14	11	12
Max.	5	6	9	3	.3	1	14	7	10	14	16	12
Min.	5	6	6	1	.3	1	12	7	4	14	6	12
A. F.	307	347	464	119	18	59	801	430	397	861	654	738
Total Acre Feet	5,195.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK NEAR CHAPPELL—1926**  
 Sec. 22, Twp. 13, Rge. 45 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	16	14	6.0	0.7	0.6	0.6	0.6	*	*	*
2	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
3	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
4	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
5	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
6	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
7	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
8	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
9	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
10	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
11	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
12	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
13	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
14	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
15	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
16	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
17	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
18	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
19	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
20	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
21	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
22	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
23	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
24	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
25	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
26	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
27	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
28	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
29	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
30	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
31	.....	.....	10	.....	.8	.....	.6	.6	.....	.....	.....	.....
Mean	.....	.....	13	11	4.1	0.7	0.6	0.6	0.6	.....	.....	.....
Max.	.....	.....	16	14	6.0	.7	.6	.6	.6	.....	.....	.....
Min.	.....	.....	10	6	.8	.7	.6	.6	.6	.....	.....	.....
A. F.	.....	.....	852	674	254	41	37	37	36	.....	.....	.....

\*No Record.

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK NEAR CHAPPELL—1927**  
 Sec. 22, Twp. 13, Rge. 45 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	7.7	7.0	19.2	26.1	1.0	0.3	0.3	7.7	2	14.2	14.4
2	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	7.7	2	14.2	14.4
3	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	7.7	2	14.2	14.4
4	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	7.7	2	14.2	14.4
5	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	7.7	2	14.2	14.4
6	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	7.7	2	14.2	14.4
7	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	7.7	2	14.2	14.4
8	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	7.7	2	14.2	14.4
9	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	7.7	2	14.2	14.4
10	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	7.7	2	14.2	14.4
11	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
12	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
13	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
14	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
15	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
16	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
17	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
18	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
19	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
20	.....	7.7	7.0	19.2	26.1	1.0	.3	7.7	1.3	4	14.2	14.4
21	.....	7.7	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
22	.....	7.7	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
23	.....	7.7	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
24	.....	7.7	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
25	.....	7.7	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
26	.....	7.7	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
27	.....	7.7	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
28	.....	7.7	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
29	.....	.....	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
30	.....	.....	24.2	31.8	26.1	1.0	.3	7.7	1.3	8	15.6	14.4
31	.....	.....	24.2	.....	26.1	.....	.3	7.7	.....	8	.....	14.4
Mean	.....	7.7	13.1	23.4	26.1	1.0	0.3	5.2	3.4	4.5	14.7	14.4
Max.	.....	7.7	24.2	31.8	26.1	1.0	.3	7.7	7.7	8	15.6	14.4
Min.	.....	7.7	7.0	19.2	26.1	1.0	.3	.3	1.3	2	14.2	14.4
A. F.	.....	428	805	1392	1604	59	17	311	204	277	872	584

\*No Record.

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK NEAR CHAPPELL—1928**  
 Sec. 22, Twp. 13, Rge. 45 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	6	19	1	4	5	12	13	3	8	13	16
2	12	6	19	1	4	5	12	13	3	8	13	16
3	12	6	19	1	4	5	12	13	3	8	13	16
4	12	6	19	1	4	5	12	13	3	8	13	16
5	12	6	19	1	4	5	12	13	3	8	13	16
6	12	6	19	1	4	5	12	13	3	8	13	16
7	12	6	19	1	4	5	12	13	3	8	13	16
8	12	6	19	1	4	5	12	13	3	8	13	16
9	12	6	19	1	4	5	12	13	3	8	13	16
10	12	6	19	1	4	5	12	13	3	8	13	16
11	12	6	19	1	4	5	12	13	7	8	13	16
12	12	6	19	1	4	5	12	13	7	8	13	16
13	12	6	19	1	4	5	12	13	7	8	13	16
14	12	6	19	1	4	5	12	13	7	8	13	16
15	12	6	19	1	4	5	12	13	7	8	13	16
16	12	6	9	3	4	5	12	13	7	8	14	16
17	12	6	9	3	4	5	12	13	7	8	14	16
18	12	6	9	3	4	5	12	13	7	8	14	16
19	12	6	9	3	4	5	12	13	7	8	14	16
20	12	6	9	3	4	5	12	13	7	8	14	16
21	12	6	9	3	4	5	12	13	11	8	14	16
22	12	6	9	3	4	5	12	13	11	8	14	16
23	12	6	9	3	4	5	12	13	11	8	14	16
24	12	6	9	3	4	5	12	13	11	8	14	16
25	12	6	9	3	4	5	12	13	11	8	14	16
27	12	6	9	3	4	5	12	13	11	8	14	16
28	12	6	9	3	4	5	12	13	11	8	14	16
29	12	6	9	3	4	5	12	13	11	8	14	16
30	12	.....	9	3	4	5	12	13	11	8	14	16
31	12	.....	9	.....	4	5	12	13	11	8	14	16
Mean	12	6	14	2	4	5	12	13	7	3	13	16
Max.	12	6	19	3	4	5	12	13	11	8	14	16
Min.	12	6	9	1	4	5	12	13	3	8	13	16
A. F.	738	345	851	119	246	297	738	739	416	492	763	984
Total Acre Feet	6,788.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT COLORADO-  
NEBRASKA STATE LINE—1925  
Sec. 13, Twp. 12, Rge. 45 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	14.4	7.0	0.6	1.0	0.5	0.5	0.6	0.7	*	*
2	....	....	14.4	7.0	.6	1.0	.5	.5	.6	....	....	....
3	....	....	14.4	7.0	.6	1.0	.5	.5	.6	....	....	....
4	....	....	14.4	7.0	.6	1.0	.5	.5	.6	....	....	....
5	....	....	14.4	7.0	.6	1.0	.5	.5	.6	....	....	....
6	....	....	14.4	7.0	.6	1.0	.5	.5	1.0	....	....	....
7	....	....	14.4	7.0	.6	1.0	.5	.5	1.0	....	....	....
8	....	....	14.4	7.0	.6	1.0	.5	.5	1.0	....	....	....
9	....	....	14.4	7.0	.6	1.0	.5	.5	1.0	....	....	....
10	....	....	14.4	7.0	.6	1.0	.5	.5	1.0	....	....	....
11	....	....	14.4	1.2	.6	.4	.5	1.6	1.0	....	....	....
12	....	....	14.4	1.2	.6	.4	.5	1.6	1.0	....	....	....
13	....	....	14.4	1.2	.6	.4	.5	1.6	1.0	....	....	....
14	....	....	14.4	1.2	.6	.4	.5	1.6	1.0	....	....	....
15	....	....	14.4	1.2	.6	.4	.5	1.6	1.0	....	....	....
16	....	....	14.4	1.2	.6	.4	.5	.8	1.0	....	....	....
17	....	....	14.4	1.2	.6	.4	.5	.8	1.0	....	....	....
18	....	....	14.4	1.2	.6	.4	.5	.8	1.0	....	....	....
19	....	....	14.4	1.2	.6	.4	.5	.8	1.0	....	....	....
20	....	....	14.4	1.2	.6	.4	.5	.8	1.0	....	....	....
21	....	....	14.4	1.2	1.0	1.1	.6	.8	1.0	....	....	....
22	....	....	14.4	1.2	1.0	1.1	.6	.8	1.0	....	....	....
23	....	....	14.4	1.2	1.0	1.1	.6	.8	1.0	....	....	....
24	....	....	14.4	1.2	1.0	1.1	.6	.8	1.0	....	....	....
25	....	....	14.4	1.2	1.0	1.1	.6	.8	1.0	....	....	....
26	....	....	14.4	1.2	1.0	1.1	.6	.8	.7	....	....	....
27	....	....	14.4	1.2	1.0	1.1	.6	.8	.7	....	....	....
28	....	....	14.4	1.2	1.0	1.1	.6	.8	.7	....	....	....
29	....	....	14.4	1.2	1.0	1.1	.6	.8	.7	....	....	....
30	....	....	14.4	1.2	1.0	1.1	.6	.8	.7	....	....	....
31	....	....	14.4	.....	1.0	.....	.6	.8	....	....	....	....
Mean	....	....	14.4	3.1	0.7	0.8	0.5	0.8	0.8	0.7	....	....
Max.	....	....	14.4	7.0	1.0	1.1	.6	1.6	1.0	.7	....	....
Min.	....	....	14.4	1.2	.6	.4	.5	.5	.6	.7	....	....
A. F.	....	....	885	186	46	50	34	51	42	44	....	....
*No Record.												

DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT COLORADO-  
NEBRASKA STATE LINE—1926  
Sec. 13, Twp. 12, Rge. 45 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	12	18	14	18	2.0	0.5	1	2	4	*	*
2	....	12	18	14	18	2.0	.5	1	2	4	....	....
3	....	12	18	14	18	2.0	.5	1	2	4	....	....
4	....	12	18	14	18	2.0	.5	1	2	4	....	....
5	....	12	18	14	18	2.0	.5	1	2	4	....	....
6	....	12	18	14	18	2.0	.5	1	2	4	....	....
7	....	12	18	14	18	2.0	.5	1	2	4	....	....
8	....	12	18	14	18	2.0	.5	1	2	4	....	....
9	....	12	18	14	18	2.0	.5	1	2	4	....	....
10	....	12	18	14	18	2.0	.5	1	2	4	....	....
11	....	12	18	12	9	.4	2.0	1	2	4	....	....
12	....	12	18	12	9	.4	2.0	1	2	4	....	....
13	....	12	18	12	9	.4	2.0	1	2	4	....	....
14	....	12	18	12	9	.4	2.0	1	2	4	....	....
15	....	12	18	12	9	.4	2.0	1	2	4	....	....
16	....	12	18	12	4	.4	2.0	1	2	4	....	....
17	....	12	18	12	4	.4	2.0	1	2	4	....	....
18	....	12	18	12	4	.4	2.0	1	2	4	....	....
19	....	12	18	12	4	.4	2.0	1	2	4	....	....
20	....	12	18	12	4	.4	2.0	1	2	4	....	....
21	....	12	16	7	5	.4	2.0	1	2	4	....	....
22	....	12	16	7	5	.4	2.0	1	2	4	....	....
23	....	12	16	7	3	.4	2.0	1	2	4	....	....
24	....	12	16	7	3	.4	2.0	1	2	4	....	....
25	....	12	16	7	3	.4	2.0	1	2	4	....	....
26	....	12	9	10	3	.4	2.0	1	2	4	....	....
27	....	12	9	10	3	.4	2.0	1	2	4	....	....
28	....	12	9	10	3	.4	2.0	1	2	4	....	....
29	....	....	9	10	3	.4	2.0	1	2	4	....	....
30	....	....	9	10	3	.4	2.0	1	2	4	....	....
31	....	....	9	....	3	....	2.0	1	....	4	....	....
Mean	....	12	16	11	9	1.0	1.5	1	2	4	....	....
Max.	....	12	18	14	18	2.0	2.0	1	2	4	....	....
Min.	....	12	9	7	3	.4	.5	1	2	4	....	....
A. F.	....	666	962	664	553	55	93	61	123	246	....	....
*No Record.												

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT COLORADO- NEBRASKA STATE LINE—1927

Sec. 13, Twp. 12, Rge. 45 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	13.9	15.0	19.0	25.8	5.0	0.8	0.8	8.4	4.0	4.1	8.7
2	....	13.9	15.0	19.0	25.8	5.0	.8	.8	8.4	4.0	4.1	8.7
3	....	13.9	15.0	19.0	25.8	5.0	.8	.8	8.4	4.0	4.1	8.7
4	....	13.9	15.0	19.0	25.8	5.0	.8	.8	8.4	4.0	4.1	8.7
5	....	13.9	15.0	19.0	25.8	5.0	.8	.8	8.4	4.0	4.1	8.7
6	....	13.9	15.0	19.0	25.8	5.0	.8	.8	8.4	4.0	4.1	8.7
7	....	13.9	15.0	19.0	25.8	5.0	.8	.8	8.4	4.0	4.1	8.7
8	....	13.9	15.0	19.0	25.8	5.0	.8	.8	8.4	4.0	4.1	8.7
9	....	13.9	15.0	19.0	25.8	5.0	.8	.8	8.4	4.0	4.1	8.7
10	....	13.9	15.0	19.0	25.8	5.0	.8	.8	8.4	4.0	4.1	8.7
11	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
12	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
13	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
14	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
15	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
16	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
17	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
18	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
19	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
20	....	13.9	15.0	19.0	25.8	5.0	.8	12.5	3.6	4.0	4.1	8.7
21	....	13.9	29.1	19.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
22	....	13.9	29.1	19.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
23	....	13.9	29.1	19.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
24	....	13.9	29.1	19.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
25	....	13.9	29.1	19.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
26	....	13.9	29.1	19.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
27	....	13.9	29.1	36.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
28	....	13.9	29.1	36.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
29	....	.....	29.1	36.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
30	....	.....	29.1	36.0	25.8	5.0	.8	12.5	3.6	4.0	16.1	8.7
31	....	.....	29.1	.....	25.8	.....	.8	12.5	.....	4.0	.....	8.7
Mean	....	13.9	21.0	21.8	25.8	5.0	0.8	9.0	5.2	4.0	8.1	8.7
Max.	....	13.9	29.1	36.0	25.8	5.0	.8	12.5	8.4	4.0	16.1	8.7
Min.	....	13.9	15.0	19.0	25.8	5.0	.8	.8	3.6	4.0	4.1	8.7
A. F.	....	771	1229	1299	1584	297	49	535	309	245	481	533

\*No Record.

## DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT COLORADO- NEBRASKA STATE LINE—1928

Sec. 13, Twp. 12, Rge. 45 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	6	19	12	1	10	13	17	7	7	15	14
2	2	6	19	12	1	10	13	17	7	7	15	14
3	2	6	19	12	1	10	13	17	7	7	15	14
4	2	6	19	12	1	10	13	17	7	7	15	14
5	2	6	19	12	1	10	13	17	7	7	15	14
6	2	6	19	12	1	10	13	17	7	7	15	14
7	2	6	19	12	1	10	13	17	7	7	15	14
8	2	6	19	12	1	10	13	17	7	7	15	14
9	2	6	19	12	1	10	13	17	7	7	15	14
10	2	6	19	12	1	10	13	17	7	7	15	14
11	2	6	19	12	1	10	13	17	5	7	15	14
12	2	6	19	12	1	10	13	17	5	7	15	14
13	2	6	19	12	1	10	13	17	5	7	15	14
14	2	6	19	12	1	10	13	17	5	7	15	14
15	2	6	19	12	1	10	13	17	5	7	15	14
16	2	6	17	1	10	10	19	17	5	7	19	14
17	2	6	17	1	10	10	19	17	5	7	19	14
18	2	6	17	1	10	10	19	17	5	7	19	14
19	2	6	17	1	10	10	19	17	5	7	19	14
20	2	6	17	1	10	10	19	17	5	7	19	14
21	2	6	17	1	10	10	19	17	11	7	19	14
22	2	6	17	1	10	10	19	17	11	7	19	14
23	2	6	17	1	10	10	19	17	11	7	19	14
24	2	6	17	1	10	10	19	17	11	7	19	14
25	2	6	17	1	10	10	19	17	11	7	19	14
26	2	6	17	1	10	10	19	17	11	7	19	14
27	2	6	17	1	10	10	19	17	11	7	19	14
28	2	6	17	1	10	10	19	17	11	7	19	14
29	2	6	17	1	10	10	19	17	11	7	19	14
30	2	.....	17	1	10	10	19	17	11	7	19	14
31	2	.....	17	.....	10	.....	19	17	.....	7	.....	14
Mean	2	.....	18	6	5	10	16	17	8	7	17	14
Max.	2	6	19	12	10	10	19	17	11	7	19	14
Min.	2	6	17	1	1	10	13	17	5	7	15	14
A. F.	123	345	1104	387	347	595	990	1045	456	430	1011	861

Total Acre Feet 7,694.

## DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT OVID, COLORADO—1922

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12.2	12.0	12.6	13.1	9.8	5.3	6.0	8.1	4.6	3.4	3.3	3.1
2	12.2	12.0	12.8	12.9	9.7	4.9	6.0	7.6	4.5	3.4	3.3	3.1
3	12.2	12.0	13.0	12.8	9.6	4.7	6.1	7.2	4.4	3.4	3.3	3.1
4	12.2	12.0	13.2	12.7	9.5	4.5	6.1	6.8	4.4	3.4	3.3	3.1
5	12.2	12.0	13.4	12.6	9.4	4.5	6.1	6.3	4.3	3.4	3.3	3.1
6	12.2	12.0	13.6	12.5	9.3	4.2	6.2	6.0	4.2	3.4	3.2	3.1
7	12.2	12.0	13.8	12.4	9.2	4.0	6.2	5.6	4.1	3.4	3.2	3.1
8	12.2	12.0	14.0	12.3	9.1	3.8	6.3	5.3	4.1	3.4	3.2	3.1
9	12.2	12.0	14.2	12.2	9.0	3.6	6.3	4.9	4.0	3.4	3.2	3.1
10	12.2	12.0	14.4	12.0	8.9	3.4	6.4	4.5	4.0	3.4	3.2	3.1
11	12.2	12.0	14.6	11.9	8.7	3.4	3.1	4.3	3.9	3.4	3.2	3.1
12	12.2	12.0	14.8	11.8	8.6	3.4	3.5	4.0	3.8	3.4	3.2	3.1
13	12.2	12.0	15.0	11.7	8.5	3.4	3.9	3.7	3.8	3.4	3.2	3.1
14	12.2	12.0	15.1	11.6	8.4	3.4	4.3	3.4	3.7	3.4	3.2	3.1
15	12.2	12.0	15.0	11.5	8.3	3.4	4.6	3.2	3.7	3.4	3.2	3.1
16	12.2	11.7	14.8	11.4	8.2	3.4	5.0	3.0	3.6	3.4	3.2	3.1
17	12.2	11.7	14.7	11.3	8.1	3.4	5.4	2.7	3.6	3.4	3.2	3.1
18	12.2	11.7	14.6	11.2	7.8	3.5	5.8	2.5	3.5	3.4	3.2	3.1
19	12.2	11.7	14.5	11.1	7.6	3.5	6.1	2.2	3.5	3.4	3.2	3.1
20	12.2	11.7	14.4	11.0	7.4	3.5	6.5	2.4	3.4	3.4	3.2	3.1
21	12.2	11.7	14.2	10.9	7.2	3.5	6.9	2.6	3.4	3.3	3.1	3.1
22	12.2	11.7	14.1	10.8	7.0	3.5	7.3	2.8	3.4	3.3	3.1	3.1
23	12.2	11.7	14.0	10.7	6.8	3.5	7.7	3.0	3.4	3.3	3.1	3.1
24	12.2	11.7	13.9	10.6	6.6	3.5	8.0	3.2	3.4	3.3	3.1	3.1
25	12.2	11.7	13.8	10.5	6.4	3.5	8.4	3.4	3.4	3.3	3.1	3.1
26	12.2	11.7	13.7	10.4	6.2	3.5	8.6	3.6	3.4	3.3	3.1	3.1
27	12.2	12.2	13.6	10.3	6.0	5.8	9.0	3.8	3.4	3.3	3.1	3.1
28	12.2	12.5	13.5	10.2	5.8	5.9	9.4	4.0	3.4	3.3	3.1	3.1
29	12.2	-----	13.4	10.1	5.7	5.9	9.7	4.2	3.4	3.3	3.1	3.1
30	12.2	-----	13.3	10.0	5.6	5.9	9.1	4.4	3.4	3.3	3.1	3.1
31	12.2	-----	13.2	-----	5.6	-----	8.5	4.6	-----	3.3	-----	3.1
Mean	12.2	11.9	13.9	11.1	7.9	4.0	6.5	4.3	3.8	3.4	3.2	3.1
Max.	12.2	12.5	15.1	13.1	9.8	5.9	9.7	8.1	4.6	3.4	3.3	3.1
Min.	12.2	11.7	12.6	10.0	5.6	3.4	3.1	2.2	3.4	3.3	3.1	3.1
A. F.	750.1	661.3	850.2	681.5	483.7	241.4	401.6	264.4	224.3	206.8	189.4	150.6
Total Acre Feet	5,154.3.											

## DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT OVID, COLORADO—1924

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30	65	28	32	30	29	7	5	7	13	14	8
2	30	65	28	32	30	29	7	5	7	13	14	8
3	30	65	28	32	30	29	7	5	7	13	14	8
4	30	65	28	32	30	29	7	5	7	13	14	8
5	30	65	28	32	30	29	7	5	7	13	14	8
6	30	57	28	32	30	25	7	6	15	13	14	8
7	30	57	28	32	30	25	7	6	15	13	14	8
8	30	57	28	32	30	25	7	6	15	13	14	8
9	30	57	28	32	30	25	7	6	15	13	14	8
10	30	57	28	32	30	25	7	6	15	13	14	8
11	30	50	30	31	30	20	6	7	25	13	14	8
12	30	50	30	31	30	20	6	7	25	13	14	8
13	30	50	30	31	30	20	6	7	25	13	14	8
14	30	50	30	31	30	20	6	7	25	13	14	8
15	30	50	30	31	30	20	6	7	25	13	14	8
16	30	40	31	31	30	15	6	9	29	13	10	8
17	30	40	31	31	30	15	6	9	29	13	10	8
18	30	40	31	31	30	15	6	9	29	13	10	8
19	30	40	31	31	30	15	6	9	29	13	10	8
20	30	40	31	31	30	15	6	9	29	13	10	8
21	30	30	33	31	30	15	5	6	23	13	10	8
22	30	30	33	31	30	15	5	6	23	13	10	8
23	30	30	33	31	30	15	5	6	23	13	10	8
24	30	30	33	31	30	15	5	6	23	13	10	8
25	30	30	33	31	30	15	5	6	23	13	10	8
26	30	26	34	31	30	7	5	7	20	13	10	8
27	30	26	34	31	30	7	5	7	20	13	10	8
28	30	26	34	31	30	7	5	7	20	13	10	8
29	30	26	34	31	30	7	5	7	20	13	10	8
30	30	---	34	31	30	7	5	7	20	13	10	8
31	30	---	34	---	30	---	5	7	---	13	---	8
Mean	30	45	31	31	30	19	6	7	20	13	12	8
Max.	30	65	34	32	30	29	7	9	29	13	14	8
Min.	30	26	28	31	30	7	5	5	7	13	10	8
A. F.	1844	2606	1892	1884	1844	1100	367	410	1180	788	714	492
Total Acre Feet	15,121.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT OVID, COLORADO—1925**

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.0	10.0	24.0	30.0	3.2	1.2	1.2	3.6	3.6	4.3	6.0	6.0
2	10.0	10.0	24.0	30.0	3.2	1.2	1.2	3.6	3.6	4.3	6.0	6.0
3	10.0	10.0	24.0	30.0	3.2	1.2	1.2	3.6	3.6	4.3	6.0	6.0
4	10.0	10.0	24.0	30.0	3.2	1.2	1.2	3.6	3.6	4.3	6.0	6.0
5	10.0	10.0	24.0	30.0	3.2	1.2	1.2	3.6	3.6	4.3	6.0	6.0
6	10.0	10.0	24.0	30.0	1.9	1.2	1.2	3.6	5.2	4.3	6.0	6.0
7	10.0	10.0	24.0	30.0	1.9	1.2	1.2	3.6	5.2	4.3	6.0	6.0
8	10.0	10.0	24.0	30.0	1.9	1.2	1.2	2.6	5.2	4.3	6.0	6.0
9	10.0	10.0	24.0	30.0	1.9	1.2	1.2	3.6	5.2	4.3	6.0	6.0
10	10.0	10.0	24.0	30.0	1.9	1.2	1.2	3.6	5.2	4.3	6.0	6.0
11	10.0	15.0	30.0	20.3	1.9	3.0	1.2	8.3	5.2	4.3	7.8	6.0
12	10.0	15.0	30.0	20.3	1.9	3.0	1.2	8.3	5.2	4.3	7.8	6.0
13	10.0	15.0	30.0	20.3	1.9	3.0	1.2	8.3	5.2	4.3	7.8	6.0
14	10.0	15.0	30.0	20.3	1.9	3.0	1.2	8.3	5.2	4.3	7.8	6.0
15	10.0	15.0	30.0	20.3	1.9	3.0	1.2	8.3	5.2	4.3	7.8	6.0
16	10.0	15.0	30.0	20.3	1.9	3.0	1.2	6.4	6.3	4.3	7.8	6.0
17	10.0	15.0	30.0	20.3	1.9	3.0	1.2	6.4	6.3	4.3	7.8	6.0
18	10.0	15.0	30.0	20.3	1.9	3.0	1.2	6.4	6.3	4.3	7.8	6.0
19	10.0	15.0	30.0	20.3	1.9	3.0	1.2	6.4	6.3	4.3	7.8	6.0
20	10.0	15.0	30.0	20.3	1.9	3.0	1.2	6.4	6.3	4.3	7.8	6.0
21	10.0	24.0	38.8	10.3	1.9	1.6	2.7	3.0	6.3	4.3	6.0	6.0
22	10.0	24.0	38.8	10.3	1.9	1.6	2.7	3.0	6.3	4.3	6.0	6.0
23	10.0	24.0	38.8	10.3	1.9	1.6	2.7	3.0	6.3	4.3	6.0	6.0
24	10.0	24.0	38.8	10.3	1.9	1.6	2.7	3.0	6.3	4.3	6.0	6.0
25	10.0	24.0	38.8	10.3	1.9	1.6	2.7	3.0	6.3	4.3	6.0	6.0
26	10.0	24.0	38.8	10.3	1.9	1.6	2.7	3.0	3.5	4.3	6.0	6.0
27	10.0	24.0	38.8	10.3	1.9	1.6	2.7	3.0	3.5	4.3	6.0	6.0
28	10.0	24.0	38.8	10.3	1.9	1.6	2.7	3.0	3.5	4.3	6.0	6.0
29	10.0	.....	38.8	10.3	1.9	1.6	2.7	3.0	3.5	4.3	6.0	6.0
30	10.0	.....	38.8	10.3	1.9	1.6	2.7	3.0	3.5	4.3	6.0	6.0
31	10.0	.....	38.8	.....	1.9	.....	2.7	3.0	.....	4.3	.....	6.0
Mean	10.0	16.6	31.0	20.0	1.3	1.9	1.7	4.6	6.0	4.3	6.6	6.0
Max.	10.0	24.0	38.8	30.0	3.2	3.0	2.7	8.3	6.3	4.3	7.8	6.0
Min.	10.0	10.0	24.0	10.3	1.9	1.2	1.2	3.0	3.5	4.3	6.0	6.0
A. F.	615	924	1918	1202	79	115	107	282	300	264	393	389
Total Acre Feet	6,568.											

**DISCHARGE IN SECOND FEET, LODGEPOLE CREEK AT OVID, COLORADO—1926**

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	12	15	27	17	9	44	5	10	9	5	*
2	.....	12	15	27	17	9	44	5	10	9	5	.....
3	.....	12	15	27	17	9	44	5	10	9	5	.....
4	.....	12	15	27	17	9	44	5	10	9	5	.....
5	.....	12	15	27	17	9	44	5	10	9	5	.....
6	.....	12	15	27	17	9	44	5	10	9	5	.....
7	.....	12	15	27	17	9	44	5	10	9	5	.....
8	.....	12	15	27	17	9	44	5	10	9	5	.....
9	.....	12	15	27	17	9	44	5	10	9	5	.....
10	.....	12	15	27	17	9	44	5	10	9	5	.....
11	.....	3	48	18	17	9	44	5	10	9	5	.....
12	.....	3	48	18	17	9	44	5	10	9	5	.....
13	.....	3	48	18	17	9	44	5	10	9	5	.....
14	.....	3	48	18	17	9	44	5	10	9	5	.....
15	.....	3	48	18	17	9	44	5	10	9	5	.....
16	.....	3	48	18	17	9	44	5	10	9	5	.....
17	.....	3	48	18	17	9	44	5	10	9	5	.....
18	.....	3	48	18	17	9	44	5	10	9	5	.....
19	.....	3	48	18	17	9	44	5	10	9	5	.....
20	.....	3	48	18	17	9	44	5	10	9	5	.....
21	.....	3	20	5	23	9	44	13	10	9	5	.....
22	.....	3	20	5	23	9	44	13	10	9	5	.....
23	.....	3	20	5	23	9	44	13	10	9	5	.....
24	.....	3	20	5	23	9	44	13	10	9	5	.....
25	.....	3	20	5	23	9	44	13	10	9	5	.....
26	.....	3	26	17	8	9	44	13	10	9	5	.....
27	.....	3	26	17	8	9	44	13	10	9	5	.....
28	.....	3	26	17	8	9	44	13	10	9	5	.....
29	.....	.....	26	17	8	9	44	13	10	9	5	.....
30	.....	.....	26	17	8	9	44	13	10	9	5	.....
31	.....	.....	26	.....	8	.....	44	13	.....	9	.....	.....
Mean	.....	6	29	19	15	9	44	8	10	9	5	.....
Max.	.....	12	48	27	17	9	44	13	10	9	5	.....
Min.	.....	3	15	5	8	9	44	5	10	9	5	.....
A. F.	.....	345	1757	1110	922	535	2705	482	1190	553	297	.....
*No Record.												



## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, LONERGAN CREEK—1924

Sec. 19, Twp. 15, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.0	8.0	8.0	8.0	4.0	2.5	0.5	4.0	4.5	4.0	6.5	7.5
2	8.0	8.0	8.0	8.0	4.0	2.5	.5	4.0	4.5	4.0	6.5	7.5
3	8.0	8.0	8.0	8.0	4.0	2.5	.5	4.0	4.5	4.0	6.5	7.5
4	8.0	8.0	8.0	8.0	4.0	2.5	.5	4.0	4.5	4.0	6.5	7.5
5	8.0	8.0	8.0	8.0	4.0	2.5	.5	4.0	4.5	4.0	6.5	7.5
6	8.0	8.0	8.0	8.0	4.0	2.5	.5	4.0	4.5	4.0	6.5	7.5
7	8.0	8.0	8.0	8.0	4.0	2.5	.5	4.0	4.5	4.0	6.5	7.5
8	8.0	8.0	8.0	8.0	4.0	2.5	.5	4.0	4.5	4.0	6.5	7.5
9	8.0	8.0	8.0	8.0	4.0	2.5	.5	4.0	4.5	4.0	6.5	7.5
10	8.0	8.0	8.0	8.0	4.0	2.5	.5	4.0	4.5	4.0	6.5	7.5
11	8.0	8.0	10.0	8.0	4.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
12	8.0	8.0	10.0	8.0	4.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
13	8.0	8.0	10.0	8.0	4.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
14	8.0	8.0	10.0	8.0	4.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
15	8.0	8.0	10.0	8.0	4.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
16	8.0	8.0	10.0	8.0	1.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
17	8.0	8.0	10.0	8.0	1.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
18	8.0	8.0	10.0	8.0	1.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
19	8.0	8.0	10.0	8.0	1.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
20	8.0	8.0	10.0	8.0	1.0	4.0	.5	1.0	4.5	6.0	5.0	7.5
21	8.0	8.0	10.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
22	8.0	8.0	10.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
23	8.0	8.0	10.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
24	8.0	8.0	10.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
25	8.0	8.0	10.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
26	8.0	8.0	9.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
27	8.0	8.0	9.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
28	8.0	8.0	9.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
29	8.0	8.0	9.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
30	8.0	-----	9.0	8.0	1.0	2.5	3.0	4.5	4.5	7.5	5.0	7.5
31	8.0	-----	9.0	-----	1.0	-----	3.0	4.5	-----	7.5	-----	7.0
Mean	8.0	8.0	9.0	8.0	2.0	3.0	1.2	3.2	4.5	5.9	5.5	7.4
Max.	8.0	8.0	10.0	8.0	4.0	4.0	3.0	5.0	4.5	7.5	6.5	7.5
Min.	8.0	8.0	8.0	8.0	1.0	2.5	.5	1.0	4.5	4.0	5.0	7.0
A. F.	491	460	563	476	150	178	75	198	267	332	327	460
Total Acre Feet	4,007.											

## DISCHARGE IN SECOND FEET, LONERGAN CREEK—1925

Sec. 19, Twp. 15, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7.5	9.3	6.9	8.6	7.4	0.3	6.8	5.3	3.6	3.8	6.1	7.0
2	7.5	9.3	6.9	8.6	7.4	3	6.8	5.3	3.6	3.8	6.1	7.0
3	7.5	9.3	6.9	8.6	7.4	3	6.8	5.3	3.6	3.8	6.1	7.0
4	7.5	9.3	6.9	8.6	7.4	3	6.8	5.3	3.6	3.8	6.1	7.0
5	7.5	9.3	6.9	8.6	7.4	3	6.8	5.3	3.6	3.8	6.1	7.0
6	7.5	9.3	6.9	8.6	7.4	3	6.8	5.3	3.6	3.8	6.1	7.0
7	7.5	9.3	6.9	8.6	7.4	3	6.8	5.3	3.6	3.8	6.1	7.0
8	7.5	9.3	6.9	8.6	7.4	3	6.8	5.3	3.6	3.8	6.1	7.0
9	7.5	9.3	6.9	8.6	7.4	3	6.8	5.3	3.6	3.8	6.1	7.0
10	7.5	9.3	6.9	8.6	7.4	3	6.8	5.3	3.6	3.8	6.1	7.0
11	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
12	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
13	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
14	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
15	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
16	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
17	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
18	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
19	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
20	7.5	9.3	6.9	8.6	7.4	7.9	5.9	6.3	3.6	3.8	6.1	7.0
21	7.5	8.0	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
22	7.5	8.0	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
23	7.5	8.0	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
24	7.5	8.0	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
25	7.5	8.0	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
26	7.5	8.0	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
27	7.5	8.0	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
28	7.5	8.0	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
29	7.5	-----	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
30	7.5	-----	6.9	8.6	7.4	3.3	6.0	5.3	4.9	3.8	6.1	7.0
31	7.5	-----	6.9	-----	7.4	-----	6.0	5.3	-----	3.8	-----	7.0
Mean	7.5	8.9	6.9	8.6	7.4	3.8	6.2	5.3	4.0	3.8	6.1	7.0
Max.	7.5	9.3	6.9	8.6	7.4	7.9	6.8	6.3	4.9	3.8	6.1	7.0
Min.	7.5	8.0	6.9	8.6	7.4	3	5.9	5.3	3.6	3.8	6.1	7.0
A. F.	461	495	424	512	455	228	382	326	240	233	363	480
Total Acre Feet	4,549.											

**DISCHARGE IN SECOND FEET, LONERGAN CREEK—1926**  
 Sec. 19, Twp. 15, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	6	5	5.0	3	7	0.5	0.8	5.0	4.0	8.0	7.0
2	6	6	5	5.0	3	7	.5	.8	5.0	4.0	8.0	7.0
3	6	6	5	5.0	3	7	.5	.8	5.0	4.0	8.0	7.0
4	6	6	5	5.0	3	7	.5	.8	5.0	4.0	8.0	7.0
5	6	6	5	5.0	3	7	.5	.8	5.0	4.0	8.0	7.0
6	6	6	5	5.0	3	7	.5	.8	5.0	4.0	8.0	7.0
7	6	6	5	5.0	3	7	.5	.8	5.0	4.0	8.0	7.0
8	6	6	5	5.0	3	7	.5	.8	5.0	4.0	8.0	7.0
9	6	6	5	5.0	3	7	.5	.8	5.0	4.0	8.0	7.0
10	6	6	5	5.0	3	7	.5	.8	5.0	4.0	8.0	7.0
11	6	6	5	5.0	3	6	2.0	.8	5.0	4.0	8.0	7.0
12	6	6	5	5.0	3	6	2.0	.8	5.0	4.0	8.0	7.0
13	6	6	5	5.0	3	6	2.0	0.8	5.0	4.0	8.0	7.0
14	6	6	5	5.0	3	6	2.0	0.8	5.0	4.0	8.0	7.0
15	6	6	5	5.0	3	6	2.0	0.8	5.0	4.0	8.0	7.0
16	6	6	5	5.0	3	6	2.0	5.0	5.0	4.0	8.0	7.0
17	6	6	5	5.0	3	6	2.0	5.0	5.0	4.0	8.0	7.0
18	6	6	5	5.0	3	6	2.0	5.0	5.0	4.0	8.0	7.0
19	6	6	5	5.0	3	6	2.0	5.0	5.0	4.0	8.0	7.0
20	6	6	5	5.0	3	6	2.0	5.0	5.0	4.0	8.0	7.0
21	6	6	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
22	6	6	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
23	6	6	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
24	6	6	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
25	6	6	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
26	6	6	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
27	6	6	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
28	6	6	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
29	6	---	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
30	6	---	5	.2	2	1	2.0	5.0	5.0	4.0	8.0	7.0
31	6	---	5	---	2	---	2.0	5.0	---	4.0	---	7.0
Mean	6	6	5	3.0	3	4	1.5	3.0	5.0	4.0	8.0	7.0
Max.	6	6	5	5.0	3	6	2.0	5.0	5.0	4.0	8.0	7.0
Min.	6	6	5	.2	2	1	.5	.8	5.0	4.0	8.0	7.0
A. F.	369	333	307	202	162	278	93	182	297	234	465	419
Total Acre Feet	3,341.											

**DISCHARGE IN SECOND FEET, LONERGAN CREEK—1927**  
 Sec. 19, Twp. 15, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	9	14	8	7	4	5	5	7	4	3	6.7
2	9	9	14	8	7	4	5	5	7	4	3	6.7
3	9	9	14	8	7	4	5	5	7	4	3	6.7
4	9	9	14	8	7	4	5	5	7	4	3	6.7
5	9	9	14	8	7	4	5	5	7	4	3	6.7
6	9	9	14	8	7	4	5	5	7	4	3	6.7
7	9	9	14	8	7	4	5	5	7	4	3	6.7
8	9	9	14	8	7	4	5	5	7	4	3	6.7
9	9	9	14	8	7	4	5	5	7	4	3	6.7
10	9	9	14	8	7	4	5	5	7	4	3	6.7
11	9	9	14	9	6	4	5	4	7	4	3	6.7
12	9	9	14	9	6	4	5	4	7	4	3	6.7
13	9	9	14	9	6	4	5	4	7	4	3	6.7
14	9	9	14	9	6	4	5	4	7	4	3	6.7
15	9	9	14	9	6	4	5	4	7	4	3	6.7
16	9	9	14	9	6	4	5	4	7	4	3	6.7
17	9	9	14	9	6	4	5	4	7	4	3	6.7
18	9	9	14	9	6	4	5	4	7	4	3	6.7
19	9	9	14	9	6	4	5	4	7	4	3	6.7
20	9	9	14	9	6	4	5	4	7	4	3	6.7
21	9	9	14	9	6	6	2	4	7	7	3	6.7
22	9	9	14	9	6	6	2	4	7	7	3	6.7
23	9	9	14	9	6	6	2	4	7	7	3	6.7
24	9	9	14	9	6	6	2	4	7	7	3	6.7
25	9	9	14	9	6	6	2	4	7	7	3	6.7
26	9	9	14	9	6	6	2	4	7	7	3	6.7
27	9	9	14	9	6	6	2	4	7	7	3	6.7
28	9	9	14	9	6	6	2	4	7	7	3	6.7
29	9	---	14	9	6	6	2	4	7	7	3	6.7
30	9	---	14	9	6	6	2	4	7	7	3	6.7
31	9	---	14	---	6	---	2	4	7	7	---	6.7
Mean	9	9	14	9	6	4	4	4	7	5	3	6.7
Max.	9	9	14	9	7	6	5	5	7	7	3	6.7
Min.	9	9	14	8	6	4	2	4	7	4	3	6.7
A. F.	553	500	861	516	388	278	242	266	416	311	178	421
Total Acre Feet	4,930.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, LONERGAN CREEK—1928  
Sec. 19, Twp. 15, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	8	7	3	7	5	6	7	6	6	7	5
2	10	8	7	3	7	5	6	7	6	6	7	5
3	10	8	7	3	7	5	6	7	6	6	7	5
4	10	8	7	3	7	5	6	7	6	6	7	5
5	10	8	7	3	7	5	6	7	6	6	7	5
6	10	8	7	3	7	5	6	7	6	6	7	5
7	10	8	7	3	7	5	6	7	6	6	7	5
8	10	8	7	3	7	5	6	7	6	6	7	5
9	10	8	7	3	7	5	6	7	6	6	7	5
10	10	8	7	3	7	5	6	7	6	6	7	5
11	10	8	7	3	7	5	6	7	6	6	7	5
12	10	8	7	3	7	5	6	7	6	6	7	5
13	10	8	7	3	7	5	6	7	6	6	7	5
14	10	8	7	3	7	5	6	7	6	6	7	5
15	10	8	7	3	7	5	6	7	6	6	7	5
16	10	7	7	3	7	5	6	7	5	6	5	7
17	10	7	7	3	7	5	6	7	5	6	5	7
18	10	7	7	3	7	5	6	7	5	6	5	7
19	10	7	7	3	7	5	6	7	5	6	5	7
20	10	7	7	3	7	5	6	7	5	6	5	7
21	8	7	7	3	7	5	7	4	5	6	5	7
22	8	7	7	3	7	5	7	4	5	6	5	7
23	8	7	7	3	7	5	7	4	5	6	5	7
24	8	7	7	3	7	5	7	4	5	6	5	7
25	8	7	7	3	7	5	7	4	5	6	5	7
26	8	7	7	3	7	5	7	4	5	6	5	7
27	8	7	7	3	7	5	7	4	5	6	5	7
28	8	7	7	3	7	5	7	4	5	6	5	7
29	8	7	7	3	7	5	7	4	5	6	5	7
30	8	.....	7	3	7	5	7	4	5	6	5	7
31	8	.....	7	.....	7	.....	7	4	.....	6	.....	7
Mean	9	7	7	3	7	5	6	6	6	6	.....	6
Max.	10	8	7	3	7	5	7	7	6	6	7	7
Min.	8	7	7	3	7	5	6	4	5	6	5	5
A. F.	571	432	430	178	480	297	391	365	327	368	357	371
Total Acre Feet	4,517.											

## DISCHARGE IN SECOND FEET, LOUP RIVER AT COLUMBUS—1915

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	3880	5050	4160	6080	10700	2840	*	*	*
2	.....	.....	.....	4600	5680	4300	5640	12600	2420	.....	.....	.....
3	.....	.....	.....	6680	5200	4300	5200	10300	2520	.....	.....	.....
4	.....	.....	.....	8760	4540	15000	4600	6860	2630	.....	.....	.....
5	.....	.....	.....	8950	3880	9520	4750	6340	2630	.....	.....	.....
6	.....	.....	.....	8300	3610	8760	5840	5380	2630	.....	.....	.....
7	.....	.....	.....	7920	3220	8110	10300	4430	2740	.....	.....	.....
8	.....	.....	.....	9900	3100	7200	8950	3480	2740	.....	.....	.....
9	.....	.....	.....	9710	2740	6180	7200	3100	4600	.....	.....	.....
10	.....	.....	.....	8480	2740	4750	6510	3100	3480	.....	.....	.....
11	.....	.....	.....	6680	2360	4600	6510	2860	3540	.....	.....	.....
12	.....	.....	.....	5840	2740	4750	6510	3100	3610	.....	.....	.....
13	.....	.....	.....	5000	2480	4900	6680	2980	4750	.....	.....	.....
14	.....	.....	.....	4160	2230	5050	5640	2860	4450	.....	.....	.....
15	.....	.....	.....	3480	2140	5200	4600	3220	4300	.....	.....	.....
16	.....	.....	.....	3520	2230	5360	3670	5840	5050	.....	.....	.....
17	.....	.....	.....	3560	2230	5840	2740	5520	4160	.....	.....	.....
18	.....	.....	.....	3610	2420	6010	2630	4450	8720	.....	.....	.....
19	.....	.....	.....	3480	1960	6680	2630	3740	5360	.....	.....	.....
20	.....	.....	.....	3740	3610	11500	2630	2980	4020	.....	.....	.....
21	.....	.....	.....	3880	3880	10100	2980	2980	3880	.....	.....	.....
22	.....	.....	.....	4300	3480	7560	2860	3100	3600	.....	.....	.....
23	.....	.....	.....	4750	3220	4300	3220	3290	3320	.....	.....	.....
24	.....	.....	.....	5360	3400	4500	2860	3480	3350	.....	.....	.....
25	.....	.....	.....	6010	3740	4700	10500	3610	3220	.....	.....	.....
26	.....	.....	.....	4300	2810	4900	7030	3100	13000	.....	.....	.....
27	.....	.....	.....	4750	3960	4300	8760	2860	11200	.....	.....	.....
28	.....	.....	.....	6010	4750	4450	5840	10700	6340	.....	.....	.....
29	.....	.....	.....	5520	4960	5840	5050	3740	4750	.....	.....	.....
30	.....	.....	.....	5420	4450	5840	4220	2980	4570	.....	.....	.....
31	.....	.....	.....	.....	4160	.....	7020	2910	.....	.....	.....	.....
Mean	.....	.....	.....	5680	3450	6200	5500	4730	4480	.....	.....	.....
Max.	.....	.....	.....	9900	5680	15000	10500	12600	13000	.....	.....	.....
Min.	.....	.....	.....	3480	1960	4160	2630	2860	2420	.....	.....	.....
A. F.	.....	.....	.....	338000	212000	374000	338000	291000	267000	.....	.....	.....

\*No Record.

**DISCHARGE IN SECOND FEET, LOUP RIVER, NORTH, NEAR ST. PAUL—1928**  
 Sec. 14, Twp. 15, Rge. 10 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	*	*	*	830	*	*	*
2	.....	.....	.....	.....	.....	.....	.....	.....	840	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	756	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	720	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	720	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	720	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	690	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	675	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	690	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	705	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	840	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	922	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	870	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	956	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	880	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	668	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	810	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	712	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	792	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	660	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	729	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	690	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	720	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	820	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	682	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	870	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	675	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	320	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	1040	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	922	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	830	.....	.....	.....
Mean	.....	.....	.....	.....	.....	.....	.....	.....	690	.....	.....	.....
Max.	.....	.....	.....	.....	.....	.....	.....	.....	652	.....	.....	.....
Min.	.....	.....	.....	.....	.....	.....	.....	.....	830	.....	.....	.....
A. F.	.....	.....	.....	.....	.....	.....	.....	.....	660	.....	.....	.....
Measurements made by	U. S. G. S.											
*No Record.												

**DISCHARGE IN SECOND FEET, MEDICINE CREEK NEAR CAMBRIDGE—1925**  
 Sec. 18, Twp. 4, Rge. 25 W.

Date	* Jan.	Feb.	* Mar.	Apr.	May	June	* July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	28	28	40	82	46	48	40	44	26	26	26	26
2	28	28	40	82	46	48	40	44	26	26	26	26
3	28	28	40	82	46	48	40	44	26	26	26	26
4	28	28	40	82	46	48	40	44	26	26	26	26
5	28	28	40	82	46	48	40	44	26	26	26	26
6	28	28	40	82	46	48	40	44	26	26	26	26
7	28	28	40	82	46	48	40	44	26	26	26	26
8	28	28	40	82	46	48	40	44	26	26	26	26
9	28	28	40	82	46	48	40	44	26	26	26	26
10	28	28	40	82	46	48	40	44	26	26	26	26
11	28	28	56	60	50	42	40	36	26	26	26	26
12	28	28	56	60	50	42	40	36	26	26	26	26
13	28	28	56	60	50	42	40	36	26	26	26	26
14	28	28	56	60	50	42	40	36	26	26	26	26
15	28	28	56	60	50	42	40	36	26	26	26	26
16	28	28	56	60	50	42	44	32	26	26	26	26
17	28	28	56	60	50	42	44	32	26	26	26	26
18	28	28	56	60	50	42	44	32	26	26	26	26
19	28	28	56	60	50	42	44	32	26	26	26	26
20	28	28	56	60	50	42	44	32	26	26	26	26
21	28	28	66	46	56	36	44	32	26	26	26	26
22	28	28	66	46	56	36	44	32	26	26	26	26
23	28	28	66	46	56	36	44	32	26	26	26	26
24	28	28	66	46	56	36	44	32	26	26	26	26
25	28	28	66	46	56	36	44	32	26	26	26	26
26	28	28	66	46	56	36	44	32	26	26	26	26
27	28	28	66	46	56	36	44	32	26	26	26	26
28	28	28	66	46	56	36	44	32	26	26	26	26
29	28	.....	66	46	56	36	44	32	26	26	26	26
30	28	.....	66	46	56	36	44	32	26	26	26	26
31	28	.....	66	.....	56	.....	44	32	.....	26	.....	26
Mean	28	28	54	62	51	42	42	37	26	26	26	26
Max.	28	28	66	82	56	48	44	44	26	26	26	26
Min.	28	28	40	46	46	36	40	32	26	26	26	26
A. F.	1721	1611	3344	3729	3126	2499	2586	2285	1537	1590	1547	1390
Total Acre Feet	27,193.											
*Estimated.												



**DISCHARGE IN SECOND FEET, MEDICINE CREEK NEAR CAMBRIDGE—1928**  
 Sec. 18, Twp. 4, Rge. 25 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	62	33	62	69	92	92	146	56	65	12	47	46
2	62	33	62	69	92	92	146	56	65	12	47	46
3	62	33	62	69	92	92	146	56	65	12	47	46
4	62	33	62	69	92	92	146	56	65	12	47	46
5	62	33	62	69	92	92	146	56	65	12	47	46
6	62	33	62	69	92	92	146	56	65	12	47	46
7	62	33	62	69	92	92	146	56	65	12	47	46
8	62	33	62	69	92	92	146	56	65	12	47	46
9	62	33	62	69	92	92	146	56	65	12	47	46
10	62	33	62	69	92	92	146	56	65	12	47	46
11	62	33	62	69	92	92	146	56	65	12	47	46
12	62	33	62	69	92	92	146	56	65	12	47	46
13	62	33	62	69	92	92	146	56	65	12	47	46
14	62	33	62	69	92	92	146	56	65	12	47	46
15	62	33	62	69	92	92	146	56	65	12	47	46
16	62	33	33	69	92	92	97	56	65	41	47	46
17	62	33	33	69	92	92	97	56	65	41	47	46
18	62	33	33	69	92	92	97	56	65	41	47	46
19	62	33	33	69	92	92	97	56	65	41	47	46
20	62	33	33	69	92	92	97	56	65	41	47	46
21	62	33	33	69	92	336	97	56	65	41	47	46
22	62	33	33	69	92	336	97	56	65	41	47	46
23	62	33	33	69	92	336	97	56	65	41	47	46
24	62	33	33	69	92	336	97	56	65	41	47	46
25	62	33	33	69	92	336	97	56	65	41	47	46
26	62	33	33	69	92	336	97	56	65	41	47	46
27	62	33	33	69	92	336	97	56	65	41	47	46
28	62	33	33	69	92	336	97	56	65	41	47	46
29	62	33	33	69	92	336	97	56	65	41	47	46
30	62	---	33	69	92	336	97	56	65	41	47	46
31	62	---	33	---	92	---	97	56	---	41	---	46
Mean	62	33	47	69	92	166	117	56	65	27	47	46
Max.	62	33	62	69	92	336	146	56	65	41	47	46
Min.	62	33	33	69	92	92	97	56	65	12	47	46
A. F.	3812	1898	2892	4106	5657	10314	7422	3441	3368	1658	2797	2828
Total Acre Feet	50,693.											

**DISCHARGE IN SECOND FEET, MELBETA DRAIN—1922**  
 Sec. 19, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	2.0	3.0	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2	2.0	2.0	3.0	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	2.0	2.0	3.0	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	2.0	2.0	3.0	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	2.0	2.0	3.0	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
6	2.0	2.0	3.0	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7	2.0	2.0	3.0	4.0	3.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
8	2.0	2.0	3.0	4.0	3.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	2.0	2.0	3.0	4.0	3.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	2.0	2.0	3.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
11	2.0	2.0	3.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	2.0	2.0	3.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
13	2.0	2.0	3.5	4.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
14	2.0	2.0	3.5	4.0	2.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
15	2.0	2.0	3.5	4.0	2.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
16	2.0	2.5	3.5	4.0	2.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
17	2.0	2.5	4.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
18	2.0	2.5	4.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
19	2.0	2.5	4.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	2.0	2.5	4.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
21	2.0	2.5	4.0	4.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
22	2.0	2.5	4.0	4.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
23	2.0	2.5	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
24	2.0	2.5	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
25	2.0	2.5	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
26	2.0	2.5	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
27	2.0	2.5	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
28	2.0	3.0	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
29	2.0	---	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	2.0	---	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
31	2.0	---	4.0	---	1.0	---	1.0	1.0	---	1.0	---	1.0
Mean	2.0	2.3	3.5	4.0	2.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Max.	2.0	3.0	4.0	4.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Min.	2.0	2.0	3.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
A. F.	123	126	218	238	146	59	61	61	59	61	59	61
Total Acre Feet	1,272.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, MELBETA DRAIN—1923  
Sec. 19, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
2	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
3	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
4	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
5	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
6	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
7	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
8	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
9	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
10	1.0	2.0	3.0	3.0	4.0	2.0	1.0	1.0	2.5	2.0	3.0	3.5
11	1.0	3.0	3.0	3.0	4.0	1.5	1.0	1.0	2.5	2.0	3.0	4.0
12	1.0	3.0	3.0	3.0	4.0	1.5	1.0	1.0	2.5	2.0	3.0	4.0
13	1.0	3.0	3.0	3.0	3.5	1.5	1.0	1.0	2.5	2.0	3.0	4.0
14	1.0	3.0	3.0	3.0	3.5	1.5	1.0	1.0	2.5	2.0	3.0	4.0
15	1.0	3.0	3.0	3.0	3.5	1.5	1.0	1.0	2.5	2.0	3.0	4.0
16	1.5	3.0	3.0	3.5	3.5	1.5	1.0	3.0	2.0	2.5	3.5	4.0
17	1.5	3.0	3.0	3.5	3.5	1.5	1.0	5.0	2.0	2.5	3.5	4.0
18	1.5	3.0	3.0	3.5	3.5	1.5	1.0	7.0	2.0	2.5	3.5	4.0
19	1.5	3.0	3.0	3.5	3.5	1.5	1.0	6.0	2.0	2.5	3.5	4.0
20	1.5	3.0	3.0	3.5	3.5	1.5	1.0	5.5	2.0	2.5	3.5	4.0
21	1.5	3.0	3.0	3.5	3.0	1.0	1.0	5.5	2.0	2.5	3.5	4.5
22	1.5	3.0	3.0	3.5	3.0	1.0	1.0	5.0	2.0	2.5	3.5	4.5
23	1.5	3.0	3.0	3.5	3.0	1.0	1.0	5.0	2.0	2.5	3.5	4.5
24	1.5	3.0	3.0	3.5	3.0	1.0	1.0	5.0	2.0	2.5	3.5	4.5
25	1.5	3.0	3.0	3.5	3.0	1.0	1.0	4.5	2.0	2.5	3.5	4.5
26	1.5	3.0	3.0	4.0	2.5	1.0	1.0	3.5	2.0	2.5	3.5	5.0
27	1.5	3.0	3.0	4.0	2.5	1.0	1.0	3.0	2.0	2.5	3.5	5.0
28	1.5	3.0	3.0	4.0	2.5	1.0	1.0	2.5	2.0	2.5	3.5	5.0
29	1.5	.....	3.0	4.0	2.5	1.0	1.0	2.5	2.0	2.5	3.5	5.0
30	1.5	.....	3.0	4.0	2.5	1.0	1.0	2.5	2.0	2.5	3.5	5.0
31	1.5	.....	3.0	.....	2.5	.....	1.0	2.5	.....	2.5	.....	5.0
Mean	1.25	2.64	3.0	3.33	3.4	1.5	1.0	2.67	2.25	2.25	3.25	4.11
Max.	2.5	3.0	3.0	4.0	4.0	2.0	1.0	7.0	2.5	2.5	3.5	5.0
Min.	1.0	2.0	3.0	3.0	2.5	1.0	1.0	1.0	2.0	2.0	3.0	3.5
A. F.	77	146	179	198	210	89	61	165	134	139	193	253
Total Acre Feet	1,844.											

DISCHARGE IN SECOND FEET, MELBETA DRAIN—1924  
Sec. 19, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	4	4	3	2	0	0	0	0	5	5	3.5
2	5	4	4	3	2	0	0	0	0	5	5	3.5
3	5	4	4	3	2	0	0	0	0	5	5	3.5
4	5	4	4	3	2	0	0	0	0	5	5	3.5
5	5	4	4	3	2	0	0	0	0	5	5	3.5
6	5	4	4	3	2	0	0	0	0	5	5	3.5
7	5	4	4	3	2	0	0	0	0	5	5	3.5
8	5	4	4	3	2	0	0	0	0	5	5	3.5
9	5	4	4	3	2	0	0	0	0	5	5	3.5
10	5	4	4	3	2	0	0	0	0	5	4	3.5
11	5	4	4	3	2	0	0	0	0	5	4	3.5
12	5	4	4	3	2	0	0	0	0	5	4	3.5
13	5	4	4	3	2	0	0	0	0	5	4	3.5
14	5	4	4	3	2	0	0	0	0	5	4	3.5
15	5	4	4	3	2	0	0	0	0	5	4	3.5
16	5	4	4	3	2	0	0	0	0	5	4	3.5
17	5	4	4	3	2	0	0	0	0	5	4	3.5
18	5	4	4	3	2	0	0	0	0	5	4	3.5
19	5	4	4	3	2	0	0	0	0	5	4	3.5
20	5	4	4	3	2	0	0	0	0	5	4	3.5
21	8	4	4	3	0	0	0	0	0	5	4	3.5
22	8	4	4	3	0	0	0	0	0	5	4	3.5
23	8	4	4	3	0	0	0	0	0	5	4	3.5
24	8	4	4	3	0	0	0	0	0	5	4	3.5
25	8	4	4	3	0	0	0	0	0	5	4	3.5
26	8	4	4	3	0	0	0	0	0	5	4	3.5
27	8	4	4	3	0	0	0	0	0	5	4	3.5
28	8	4	4	3	0	0	0	0	0	5	4	3.5
29	8	4	4	3	0	0	0	0	0	5	4	3.5
30	8	.....	4	3	0	0	0	0	0	5	4	3.5
31	8	.....	4	.....	0	.....	0	.....	.....	5	.....	3.5
Mean	6	4	4	3	1	0	0	0	0	5	4	3.5
Max.	8	4	4	3	2	0	0	0	0	5	4	3.5
Min.	5	4	4	3	0	0	0	0	0	5	4	3.5
A. F.	357	230	246	178	79	0	0	0	0	298	254	215
Diverted for irrigation												
Total	357	230	246	178	159	160	160	160	160	298	254	215
Acre Feet to River 1837.	Acre Feet Diverted 720.											
Total Acre Feet	2,577.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, MELBETA DRAIN—1925

Sec. 19, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.0	4.0	4.0	3.0	1.0	0.8	0.0	0.0	0.0	5.0	8.0	10.0
2	5.0	4.0	4.0	3.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
3	5.0	4.0	4.0	3.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
4	5.0	4.0	4.0	3.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
5	5.0	4.0	4.0	3.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
6	5.0	4.0	4.0	3.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
7	5.0	4.0	4.0	3.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
8	5.0	4.0	4.0	3.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
9	5.0	4.0	4.0	3.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
10	5.0	4.0	4.0	3.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
11	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
12	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
13	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
14	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
15	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
16	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
17	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
18	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
19	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
20	5.0	4.0	4.0	1.0	1.0	.8	.0	.0	.0	6.0	8.0	10.0
21	5.0	4.0	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
22	5.0	4.0	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
23	5.0	4.0	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
24	5.0	4.0	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
25	5.0	4.0	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
26	5.0	4.0	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
27	5.0	4.0	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
28	5.0	4.0	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
29	5.0	.....	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
30	5.0	.....	3.0	1.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
31	5.0	.....	3.0	.....	1.0	.....	.0	.0	.....	7.5	.....	10.0
Mean	5.0	4.0	3.7	1.6	1.0	1.2	0.0	0.0	0.0	6.6	8.0	10.0
Max.	5.0	4.0	4.0	3.0	1.0	2.2	.0	.0	.0	7.5	8.0	10.0
Min.	5.0	4.0	3.0	1.0	1.0	.8	.0	.0	.0	5.0	8.0	10.0
A. F.	307	222	224	99	61	75	0	0	0	396	476	615
Total Acre Feet	2,475.											

## DISCHARGE IN SECOND FEET, MELBETA DRAIN—1926

Sec. 19, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.0	6.0	4.0	3.0	2.0	0.0	1.0	6.0	6.0	7.0	5.0	5.0
2	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
3	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
4	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
5	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
6	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
7	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
8	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
9	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
10	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
11	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
12	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
13	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
14	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
15	5.0	6.0	4.0	3.0	2.0	.0	1.0	.0	6.0	7.0	5.0	5.0
16	5.0	6.0	4.0	3.0	.3	3.0	.0	.0	6.0	7.0	5.0	5.0
17	5.0	6.0	4.0	3.0	.3	3.0	.0	.0	6.0	7.0	5.0	5.0
18	5.0	6.0	4.0	3.0	.3	3.0	.0	.0	6.0	7.0	5.0	5.0
19	5.0	6.0	4.0	3.0	.3	3.0	.0	.0	6.0	7.0	5.0	5.0
20	5.0	6.0	4.0	3.0	.3	3.0	.0	.0	6.0	7.0	5.0	5.0
21	5.0	6.0	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
22	5.0	6.0	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
23	5.0	6.0	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
24	5.0	6.0	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
25	5.0	6.0	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
26	5.0	6.0	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
27	5.0	6.0	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
28	5.0	6.0	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
29	5.0	.....	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
30	5.0	.....	4.0	3.0	.3	4.0	.0	.0	6.0	5.0	5.0	5.0
31	5.0	.....	4.0	.....	.3	.....	.0	.0	.....	5.0	.....	5.0
Mean	5.0	6.0	4.0	3.0	1.4	1.8	0.4	0.0	6.0	6.3	5.0	5.0
Max.	5.0	6.0	4.0	3.0	2.0	4.0	1.0	.0	6.0	7.0	5.0	5.0
Min.	5.0	6.0	4.0	3.0	.3	.0	.0	.0	6.0	5.0	5.0	5.0
A. F.	307	333	246	176	87	109	30	0	357	307	297	307
Total Acre Feet	2,556.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, MELBETA DRAIN—1927  
Sec. 19, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	3	4	7	5	2	2	5	5	8	9	7
2	8	3	4	7	5	2	2	5	5	8	9	7
3	8	3	4	7	5	2	2	5	5	8	9	7
4	8	3	4	7	5	2	2	5	5	8	9	7
5	8	3	4	7	5	2	2	5	5	8	9	7
6	8	3	4	7	5	2	2	5	5	8	9	7
7	8	3	4	7	5	2	2	5	5	8	9	7
8	8	3	4	7	5	2	2	5	5	8	9	7
9	8	3	4	7	5	2	2	5	5	8	9	7
10	8	3	4	7	5	2	2	5	5	8	9	7
11	4	3	4	7	5	2	2	5	5	8	9	7
12	4	3	4	7	5	2	2	5	5	8	9	7
13	4	3	4	7	5	2	2	5	5	8	9	7
14	4	3	4	7	5	2	2	5	5	8	9	7
15	4	3	4	7	5	2	2	5	5	8	9	7
16	4	3	4	12	5	2	2	5	5	8	9	7
17	4	3	4	12	5	2	2	5	5	8	9	7
18	4	3	4	12	5	2	2	5	5	8	9	7
19	4	3	4	12	5	2	2	5	5	8	9	7
20	4	3	4	12	5	2	2	5	5	8	9	7
21	4	3	4	12	2	2	2	5	5	8	9	7
22	4	3	4	12	2	2	2	5	5	8	9	7
23	4	3	4	12	2	2	2	5	5	8	9	7
24	4	3	4	12	2	2	2	5	5	8	9	7
25	4	3	4	12	2	2	2	5	5	8	9	7
26	4	3	4	9	2	2	2	5	5	8	9	7
27	4	3	4	9	2	2	2	5	5	8	9	7
28	4	3	4	9	2	2	2	5	5	8	9	7
29	4	.....	4	9	2	2	2	5	5	8	9	7
30	4	.....	4	9	2	2	2	5	5	8	9	7
31	4	.....	4	.....	2	.....	.....	5	5	8	.....	7
Mean	5	3	4	9	4	2	4	5	5	8	9	7
Max.	8	3	4	12	5	2	2	5	5	8	9	7
Min.	4	3	4	7	2	2	2	5	5	8	9	7
A. F.	325	167	246	525	242	119	238	307	297	492	535	430
Total Acre Feet	3,933.											

DISCHARGE IN SECOND FEET, MELBETA DRAIN—1928  
Sec. 19, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	6	4	4	5	7	0	0	12	12	4	8
2	5	6	4	4	5	7	0	0	12	12	4	8
3	5	6	4	4	5	7	0	0	12	12	4	8
4	5	6	4	4	5	7	0	0	12	12	4	8
5	5	6	4	4	5	7	0	0	12	12	4	8
6	5	6	4	4	5	7	0	0	12	12	4	8
7	5	6	4	4	5	7	0	0	12	12	4	8
8	5	6	4	4	5	7	0	0	12	12	4	8
9	5	6	4	4	5	7	0	0	12	12	4	8
10	5	6	4	4	5	7	0	0	12	12	4	8
11	5	6	4	4	5	7	0	0	12	12	4	8
12	5	6	4	4	5	7	0	0	12	12	4	8
13	5	6	4	4	5	7	0	0	12	12	4	8
14	5	6	4	4	5	7	0	0	12	12	4	8
15	5	6	4	4	5	7	0	0	12	12	4	8
16	5	6	4	5	4	3	0	0	12	12	6	8
17	5	6	4	5	4	3	0	0	12	12	6	8
18	5	6	4	5	4	3	0	0	12	12	6	8
19	5	6	4	5	4	3	0	0	12	12	6	8
20	5	6	4	5	4	3	0	0	12	12	6	8
21	5	6	4	5	4	3	0	0	12	12	6	8
22	5	6	4	5	4	3	0	0	12	12	6	8
23	5	6	4	5	4	3	0	0	12	12	6	8
24	5	6	4	5	4	3	0	0	12	12	6	8
25	5	6	4	5	4	3	0	0	12	12	6	8
26	5	6	4	5	4	3	0	0	12	12	6	8
27	5	6	4	5	4	3	0	0	12	12	6	8
28	5	6	4	5	4	3	0	0	12	12	6	8
29	5	6	4	5	4	3	0	0	12	12	6	8
30	5	.....	4	5	4	3	0	0	12	12	6	8
31	5	.....	4	.....	4	.....	0	0	.....	12	.....	8
Mean	5	6	4	27	4	5	0	0	12	12	5	8
Max.	5	6	4	5	5	7	0	0	12	12	6	8
Min.	5	6	4	4	4	3	0	0	12	12	4	8
A. F.	303	345	246	268	268	297	0	0	714	738	268	492
Total Acre Feet	3,939.											

DISCHARGE IN SECOND FEET, MITCHELL SPILLWAY FROM TRI-STATE CANAL—1920

Sec. 35, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	....	....	....	....	....	0	0	0	280	....	....	....
2	....	....	....	....	....	0	0	0	280	....	....	....
3	....	....	....	....	....	0	0	0	280	....	....	....
4	....	....	....	....	....	0	0	0	280	....	....	....
5	....	....	....	....	....	0	0	184	280	....	....	....
6	....	....	....	....	....	115	0	0	280	....	....	....
7	....	....	....	....	....	48	0	0	280	....	....	....
8	....	....	....	....	....	48	0	180	280	....	....	....
9	....	....	....	....	....	65	4	180	280	....	....	....
10	....	....	....	....	....	90	98	180	280	....	....	....
11	....	....	....	....	....	80	90	114	280	....	....	....
12	....	....	....	....	....	218	90	114	280	....	....	....
13	....	....	....	....	....	106	90	64	280	....	....	....
14	....	....	....	....	....	180	90	170	280	....	....	....
15	....	....	....	....	....	163	160	26	280	....	....	....
16	....	....	....	....	....	73	90	26	280	....	....	....
17	....	....	....	....	....	73	123	26	265	....	....	....
18	....	....	....	....	....	90	115	26	265	....	....	....
19	....	....	....	....	....	0	115	18	265	....	....	....
20	....	....	....	....	....	0	115	18	265	....	....	....
21	....	....	....	....	....	0	115	18	265	....	....	....
22	....	....	....	....	....	0	115	18	265	....	....	....
23	....	....	....	....	....	0	73	18	0	....	....	....
24	....	....	....	....	....	0	106	18	0	....	....	....
25	....	....	....	....	....	0	148	18	0	....	....	....
26	....	....	....	....	....	0	148	18	0	....	....	....
27	....	....	....	....	....	0	160	26	0	....	....	....
28	....	....	....	....	....	0	208	0	52	....	....	....
29	....	....	....	....	....	0	216	210	0	....	....	....
30	....	....	....	....	....	0	184	210	0	....	....	....
31	....	....	....	....	....	....	230	280	....	....	....	....
Mean	....	....	....	....	....	44	93	70	204	....	....	....
Max.	....	....	....	....	....	218	230	280	280	....	....	....
Min.	....	....	....	....	....	0	0	0	0	....	....	....
A. F.	....	....	....	....	....	2630	5718	4284	12142	....	....	....

Deducted from amount diverted by Tri-State Canal 24,774 A. F.

DISCHARGE IN SECOND FEET, MITCHELL SPILLWAY FROM TRI-STATE CANAL—1921

Sec. 35, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	62	184	*	*	*	*	*	*
2	....	....	....	....	30	184	....	....	....	....	....	....
3	....	....	....	....	30	194	....	....	....	....	....	....
4	....	....	....	....	72	194	....	....	....	....	....	....
5	....	....	....	....	72	262	....	....	....	....	....	....
6	....	....	....	....	72	262	29	....	....	....	....	....
7	....	....	....	....	94	262	*	....	....	....	....	....
8	....	....	....	....	94	262	....	....	....	....	....	....
9	....	....	....	....	94	262	....	99	....	....	....	....
10	....	....	....	....	94	262	....	*	....	....	....	....
11	....	....	....	....	94	216	....	....	....	....	....	....
12	....	....	....	....	94	216	....	....	....	....	....	....
13	....	....	....	....	94	216	....	....	....	....	....	....
14	....	....	....	....	94	216	....	....	....	....	....	....
15	....	....	....	....	150	216	....	....	....	....	....	....
16	....	....	....	....	150	184	....	....	....	....	....	....
17	....	....	....	....	150	184	....	....	....	....	....	....
18	....	....	....	....	0	184	....	....	....	....	....	....
19	....	....	....	....	0	0	....	99	....	....	....	....
20	....	....	....	....	0	0	....	*	....	....	....	....
21	....	....	....	....	0	216	....	....	....	....	....	....
22	....	....	....	....	0	0	....	....	....	....	....	....
23	....	....	....	....	0	0	....	....	....	....	....	....
24	....	....	....	....	0	0	....	....	....	....	....	....
25	....	....	....	....	150	0	....	....	....	....	....	....
26	....	....	....	....	150	0	....	....	....	....	....	....
27	....	....	....	....	150	0	....	....	181	....	....	....
28	....	....	....	....	150	0	....	....	*	....	....	....
29	....	....	....	....	150	0	....	....	....	....	....	....
30	....	....	....	....	194	0	....	13	....	....	....	....
31	....	....	....	....	194	....	....	*	....	....	....	....
Mean	....	....	....	....	111	198	29	70	181	....	....	....
Max.	....	....	....	....	194	262	29	99	181	....	....	....
Min.	....	....	....	....	0	0	29	13	181	....	....	....
A. F.	....	....	....	....	5311	8283	58	421	361	....	....	....

Acre Feet Used 29,817.

\*No Record.

**DISCHARGE IN SECOND FEET, MITCHELL SPILLWAY FROM TRI-STATE  
CANAL—1922**

Sec. 35, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	...	...	...	...	...	130	180	75	...	...	...	...
2	...	...	...	...	...	130	180	180	...	...	...	...
3	...	...	...	...	...	130	180	180	...	...	...	...
4	...	...	...	...	...	120	180	180	...	...	...	...
5	...	...	...	...	...	120	180	180	...	...	...	...
6	...	...	...	...	...	120	180	180	...	...	...	...
7	...	...	...	...	...	120	180	180	...	...	...	...
8	...	...	...	...	...	120	180	180	...	...	...	...
9	...	...	...	...	...	75	60	0	...	...	...	...
10	...	...	...	...	...	75	60	0	...	...	...	...
11	...	...	...	...	...	0	60	0	...	...	...	...
12	...	...	...	...	...	0	60	0	...	...	...	...
13	...	...	...	...	...	0	60	0	...	...	...	...
14	...	...	...	...	...	180	60	0	...	...	...	...
15	...	...	...	...	...	180	60	0	...	...	...	...
16	...	...	...	...	...	180	60	0	...	...	...	...
17	...	...	...	...	...	180	60	0	...	...	...	...
18	...	...	...	...	...	180	60	0	...	...	...	...
19	...	...	...	...	...	180	60	0	...	...	...	...
20	...	...	...	...	...	180	0	0	...	...	...	...
21	...	...	...	...	...	180	0	0	...	...	...	...
22	...	...	...	...	...	180	0	0	...	...	...	...
23	...	...	...	...	65	180	0	0	...	...	...	...
24	...	...	...	...	130	180	0	0	...	...	...	...
25	...	...	...	...	0	180	0	0	...	...	...	...
26	...	...	...	...	0	180	75	0	...	...	...	...
27	...	...	...	...	0	180	75	0	...	...	...	...
28	...	...	...	...	40	180	75	0	...	...	...	...
29	...	...	...	...	40	180	265	0	...	...	...	...
30	...	...	...	...	120	180	265	130	...	...	...	...
31	...	...	...	...	130	...	...	130	...	...	...	...
Mean	...	...	...	...	58	140	95	51	...	...	...	...
Max.	...	...	...	...	130	180	265	180	...	...	...	...
Min.	...	...	...	...	0	0	0	0	...	...	...	...
A. F.	...	...	...	...	1041	8331	5663	3164	...	...	...	...

Acre Feet Wasted to River 18,198.

**DISCHARGE IN SECOND FEET, MITCHELL SPILLWAY FROM TRI-STATE  
CANAL—1923**

Sec. 35, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	13	6	9	23	0	0	0	0	38	25	33
2	4	13	6	9	24	0	0	0	0	38	25	33
3	4	13	6	9	25	0	0	0	0	36	32	33
4	4	12	6	9	25	0	0	0	0	34	38	28
5	4	12	6	9	26	0	0	0	0	30	40	26
6	4	12	6	10	27	0	0	150	0	25	38	23
7	4	12	6	10	28	50	0	150	0	23	37	21
8	4	12	6	11	29	50	0	200	80	22	36	19
9	4	11	6	11	240	200	0	150	0	22	36	16
10	4	11	6	12	30	250	0	150	9	23	35	13
11	5	11	7	13	240	250	0	150	0	24	34	12
12	5	11	7	13	30	250	0	150	0	26	34	12
13	5	10	7	14	258	250	0	100	0	27	33	11
14	5	10	7	14	258	0	300	50	0	29	32	10
15	5	10	7	15	0	250	500	250	0	32	32	10
16	7	10	7	16	0	0	300	0	50	33	32	10
17	8	9	7	16	0	200	300	75	50	34	32	9
18	9	9	7	17	0	250	50	75	100	36	32	9
19	10	9	7	17	0	250	50	75	125	36	32	8
20	11	9	7	18	0	250	125	75	150	37	30	8
21	12	8	8	18	50	172	50	75	174	37	30	8
22	13	8	8	19	50	172	0	0	50	35	30	7
23	14	8	8	19	50	172	0	0	50	34	29	7
24	15	8	8	20	50	172	0	0	50	33	31	6
25	15	7	8	20	50	100	0	0	50	32	31	6
26	15	7	8	21	50	0	0	0	40	31	31	6
27	15	7	8	21	50	0	0	0	40	30	32	6
28	14	6	8	22	50	0	0	0	40	29	32	6
29	14	...	8	22	0	0	75	0	40	28	32	5
30	13	...	8	23	0	0	75	0	40	26	32	5
31	13	...	8	0	...	...	75	0	...	25	...	5
Mean	8.4	9.9	7.0	15.2	53.6	109.6	61.2	60.4	38.2	30.4	33.5	13.2
Max.	15	13	8	23	258	250	500	250	174	38	40	33
Min.	4	6	6	9	0	0	0	0	0	22	25	5
A. F.	522	553	432	908	3299	6522	3769	3720	2279	1875	2103	815

Total Acre Feet 26,797.

**DISCHARGE IN SECOND FEET, MITCHELL SPILLWAY FROM TRI-STATE CANAL—1924**

Sec. 35, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	.....	.....	.....	.....	325	0	0	0	.....	.....	.....
2	.....	.....	.....	.....	.....	275	0	0	0	.....	.....	.....
3	.....	.....	.....	.....	.....	275	0	0	0	.....	.....	.....
4	.....	.....	.....	.....	.....	275	0	17	0	.....	.....	.....
5	.....	.....	.....	.....	.....	275	0	0	0	.....	.....	.....
6	.....	.....	.....	.....	.....	275	0	0	0	.....	.....	.....
7	.....	.....	.....	.....	.....	275	0	0	0	.....	.....	.....
8	.....	.....	.....	.....	.....	375	0	0	0	.....	.....	.....
9	.....	.....	.....	.....	.....	275	0	0	0	.....	.....	.....
10	.....	.....	.....	.....	187	275	0	0	0	.....	.....	.....
11	.....	.....	.....	.....	223	275	0	0	0	.....	.....	.....
12	.....	.....	.....	.....	223	225	0	0	0	.....	.....	.....
13	.....	.....	.....	.....	223	225	0	0	150	.....	.....	.....
14	.....	.....	.....	.....	0	225	0	0	150	.....	.....	.....
15	.....	.....	.....	.....	0	200	0	0	150	.....	.....	.....
16	.....	.....	.....	.....	0	250	0	0	150	.....	.....	.....
17	.....	.....	.....	.....	0	150	0	0	150	.....	.....	.....
18	.....	.....	.....	.....	350	125	0	0	225	.....	.....	.....
19	.....	.....	.....	.....	100	0	0	0	225	.....	.....	.....
20	.....	.....	.....	.....	75	0	0	0	0	.....	.....	.....
21	.....	.....	.....	.....	0	0	0	0	0	.....	.....	.....
22	.....	.....	.....	.....	0	0	0	0	0	.....	.....	.....
23	.....	.....	.....	.....	0	0	0	0	0	.....	.....	.....
24	.....	.....	.....	.....	50	0	0	0	0	.....	.....	.....
25	.....	.....	.....	.....	50	0	0	0	0	.....	.....	.....
26	.....	.....	.....	.....	0	0	0	0	0	.....	.....	.....
27	.....	.....	.....	.....	0	0	0	0	0	.....	.....	.....
28	.....	.....	.....	.....	100	0	0	0	0	.....	.....	.....
29	.....	.....	.....	.....	150	0	0	0	0	.....	.....	.....
30	.....	.....	.....	.....	200	0	0	0	0	.....	.....	.....
31	.....	.....	.....	.....	200	.....	0	0	.....	.....	.....	.....
Mean	.....	.....	.....	.....	146	223	0	0	40	.....	.....	.....
Max.	.....	.....	.....	.....	223	375	0	17	225	.....	.....	.....
Min.	.....	.....	.....	.....	0	0	0	0	0	.....	.....	.....
A. F.	.....	.....	.....	.....	4227	13301	0	34	2380	.....	.....	.....

Acre Feet Wasted to River 19,942.

**DISCHARGE IN SECOND FEET, MITCHELL SPILLWAY FROM TRI-STATE CANAL—1925**

Sec. 35, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	0	0	100	0	25	20	17
2	.....	.....	.....	.....	.....	0	0	100	0	25	20	17
3	.....	.....	.....	.....	.....	0	0	75	0	25	20	17
4	.....	.....	.....	.....	.....	0	0	25	0	25	20	17
5	.....	.....	.....	.....	.....	0	0	0	0	25	20	17
6	.....	.....	.....	.....	.....	0	0	0	0	25	20	17
7	.....	.....	.....	.....	.....	450	0	0	0	25	20	17
8	.....	.....	.....	.....	.....	0	0	0	0	25	20	17
9	.....	.....	.....	.....	.....	0	0	0	0	25	20	17
10	.....	.....	.....	.....	.....	0	0	0	0	25	20	17
11	.....	.....	.....	.....	.....	125	0	0	0	25	20	17
12	.....	.....	.....	.....	.....	225	0	0	0	25	20	17
13	.....	.....	.....	.....	.....	125	0	0	0	25	20	17
14	.....	.....	.....	.....	.....	125	0	100	100	25	20	17
15	.....	.....	.....	.....	.....	125	0	100	100	25	20	17
16	.....	.....	.....	.....	.....	125	0	100	100	25	20	17
17	.....	.....	.....	.....	.....	125	0	100	100	25	20	17
18	.....	.....	.....	.....	.....	125	0	100	100	25	20	17
19	.....	.....	.....	.....	.....	100	0	0	150	25	20	17
20	.....	.....	.....	.....	.....	0	0	100	150	25	20	17
21	.....	.....	.....	.....	.....	0	0	0	150	25	20	17
22	.....	.....	.....	.....	.....	0	0	0	150	25	20	17
23	.....	.....	.....	.....	.....	0	0	0	150	25	20	17
24	.....	.....	.....	.....	.....	0	50	0	150	25	20	17
25	.....	.....	.....	.....	.....	0	50	0	150	25	20	17
26	.....	.....	.....	.....	.....	0	50	0	100	25	20	17
27	.....	.....	.....	.....	.....	0	150	0	100	25	20	17
28	.....	.....	.....	.....	.....	0	150	0	75	25	20	17
29	.....	.....	.....	.....	.....	0	0	0	0	25	20	17
30	.....	.....	.....	.....	.....	50	0	0	0	25	20	17
31	.....	.....	.....	.....	.....	.....	.....	0	.....	25	.....	17
Mean	.....	.....	.....	.....	.....	57	15	30	60	25	20	17
Max.	.....	.....	.....	.....	.....	450	150	100	150	25	20	17
Min.	.....	.....	.....	.....	.....	0	0	0	0	25	20	17
A. F.	.....	.....	.....	.....	.....	3372	892	1785	3620	1537	1190	1045

\*No water wasted during the months of January, February, March, April and May.

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, MITCHELL SPILLWAY FROM TRI-STATE CANAL—1926

Sec. 35, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	15	15	9	13	153	127	0	0	0	30	25	25
2	15	15	9	13	153	127	0	0	0	30	25	25
3	15	15	9	13	153	127	0	0	0	30	25	25
4	15	15	9	13	153	127	0	0	0	30	25	25
5	15	15	9	13	153	127	0	0	0	30	25	25
6	15	15	9	13	153	127	0	0	0	30	25	25
7	15	15	9	13	153	127	0	0	0	30	25	25
8	15	15	9	13	153	127	0	0	0	30	25	25
9	15	15	9	13	153	127	0	0	0	30	25	25
10	15	15	9	13	153	127	0	0	0	30	25	25
11	15	15	9	13	153	127	0	0	240	30	25	25
12	15	15	9	13	153	127	0	0	240	30	25	25
13	15	15	9	13	153	127	0	0	240	30	25	25
14	15	15	9	13	153	127	0	0	240	30	25	25
15	15	15	9	13	153	127	0	0	240	30	25	25
16	15	15	9	13	184	127	0	0	240	30	25	25
17	15	15	9	13	184	127	0	0	240	30	25	25
18	15	15	9	13	184	127	0	0	240	30	25	25
19	15	15	9	13	184	127	0	0	240	30	25	25
20	15	15	9	13	184	127	0	0	240	30	25	25
21	15	15	9	13	184	16	113	0	200	29	25	25
22	15	15	9	13	184	16	113	0	200	29	25	25
23	15	15	9	13	184	16	113	0	200	29	25	25
24	15	15	9	13	184	16	113	0	200	29	25	25
25	15	15	9	13	184	16	113	0	200	29	25	25
26	15	15	9	13	184	16	113	0	200	29	25	25
27	15	15	9	13	184	16	113	0	200	29	25	25
28	15	15	9	13	184	16	113	0	200	29	25	25
29	15	...	9	13	184	16	113	0	200	29	25	25
30	15	...	9	13	184	16	113	0	200	29	25	25
31	15	...	9	...	184	...	113	0	...	29	...	25
Mean	15	15	9	13	169	90	40	0	142	30	25	25
Max.	15	15	9	13	184	127	113	0	240	30	25	25
Min.	15	15	9	13	153	16	0	0	0	29	25	25
A. F.	922	833	553	773	10391	5355	2465	0	8727	1823	1487	1537
Total Acre Feet	34,866.											

DISCHARGE IN SECOND FEET, MITCHELL SPILLWAY FROM TRI-STATE CANAL—1927

Sec. 35, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	5	4	19	4	200	350	0	0	18	18	15
2	5	5	4	19	4	200	300	250	0	18	18	15
3	5	5	4	19	4	200	300	250	0	18	18	15
4	5	5	4	19	4	200	300	250	0	18	18	15
5	5	5	4	19	4	200	250	250	0	18	18	15
6	5	5	4	19	4	200	150	250	0	18	18	15
7	5	5	4	19	4	200	50	250	0	18	18	15
8	5	5	4	19	4	200	0	250	0	18	18	15
9	5	5	4	19	4	100	0	250	0	18	18	15
10	5	5	4	19	4	50	0	250	0	18	18	15
11	5	5	4	19	4	150	0	250	0	18	18	15
12	5	5	4	19	4	50	0	250	0	18	18	15
13	5	5	4	19	4	50	0	0	0	18	18	15
14	5	5	4	19	4	50	0	0	0	18	18	15
15	5	5	4	19	4	150	0	0	0	18	18	15
16	5	5	5	19	4	150	0	0	0	18	10	15
17	5	5	5	19	4	150	0	0	0	18	10	15
18	5	5	5	19	4	150	0	0	0	18	10	15
19	5	5	5	19	4	150	0	0	0	18	10	15
20	5	5	5	19	4	250	0	0	0	18	10	15
21	5	5	5	19	114	250	0	0	0	18	10	15
22	5	5	5	19	114	250	0	0	0	18	10	15
23	5	5	5	19	114	250	0	0	0	18	10	15
24	5	5	5	19	114	175	0	0	0	18	10	15
25	5	5	5	19	114	75	0	0	0	18	10	15
26	5	5	5	19	114	75	0	0	0	18	10	15
27	5	5	5	19	114	250	0	0	200	18	10	15
28	5	5	5	19	114	50	0	0	200	18	10	15
29	5	...	5	19	114	350	0	0	150	18	10	15
30	5	...	5	19	114	350	0	0	75	18	10	15
31	5	...	5	...	114	...	0	0	...	18	...	15
Mean	5	5	5	19	43	134	55	89	20	18	14	15
Max.	5	5	5	19	114	350	350	250	200	18	18	15
Min.	5	5	4	19	4	50	0	0	0	18	10	15
A. F.	307	278	278	1130	2646	10165	3372	5455	1240	1107	833	892
Total Acre Feet	27,703.											

DISCHARGE IN SECOND FEET, MITCHELL SPILLWAY FROM TRI-STATE CANAL—1928

Sec. 35, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14	24	6	2	0	0	100	100	25	0	31	14
2	14	24	6	2	0	0	450	200	25	0	31	14
3	14	24	6	2	0	100	74	92	0	0	31	14
4	14	24	6	2	0	100	25	200	0	0	31	14
5	14	24	6	2	100	200	25	100	0	0	31	14
6	14	24	6	2	100	200	0	100	0	0	31	14
7	14	24	6	2	100	200	0	100	0	0	31	14
8	14	24	6	2	50	200	0	100	0	0	31	14
9	14	24	6	2	50	200	0	350	0	0	31	14
10	14	24	6	2	0	200	0	25	0	0	31	14
11	14	24	6	2	0	200	0	25	0	0	31	14
12	14	24	6	2	0	200	0	0	0	0	31	14
13	14	24	6	2	0	200	0	0	0	0	31	14
14	14	24	6	2	100	200	0	0	0	0	31	14
15	14	24	6	2	200	200	0	0	0	0	31	14
16	14	24	6	2	200	344	0	0	0	20	20	14
17	14	24	6	2	172	0	0	0	0	20	20	14
18	14	24	6	2	200	0	0	0	0	20	20	14
19	14	24	6	2	200	75	0	0	0	20	20	14
20	14	24	6	2	250	75	0	0	0	20	20	14
21	14	24	6	2	250	75	0	0	0	20	20	14
22	14	24	6	2	225	75	0	0	0	20	20	14
23	14	24	6	2	225	75	0	0	0	20	20	14
24	14	24	6	2	125	100	0	0	0	20	20	14
25	14	24	6	2	125	100	0	0	0	20	20	14
26	14	24	6	2	125	100	0	0	0	20	20	14
27	14	24	6	2	125	100	0	0	0	20	20	14
28	14	24	6	2	50	150	350	0	0	20	20	14
29	14	24	6	2	50	500	25	0	0	20	20	14
30	14	.....	6	2	0	0	0	0	0	20	20	14
31	14	.....	6	.....	0	.....	0	.....	.....	20	.....	14
Mean	14	24	6	2	97	135	34	45	2	10	25	14
Max.	14	24	6	2	250	500	450	350	25	20	31	14
Min.	14	24	6	2	0	0	0	0	0	0	20	14
A. F.	833	1380	369	119	5994	8269	2081	2761	99	635	1517	861
Total Acre Feet	24,918.											

DISCHARGE IN SECOND FEET, MORRILL DRAIN—1922

Sec. 14, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	2.0	4.0	2.0	1.0	2.0	5.0	3.0	3.0	4.0	3.5	2.5
2	2.0	2.0	4.0	2.0	1.0	2.0	5.0	3.0	3.0	4.0	3.5	2.5
3	2.0	2.0	4.5	2.0	1.0	2.0	5.0	3.0	3.0	4.0	3.5	2.5
4	2.0	2.0	4.5	2.0	1.0	2.0	5.0	3.0	3.0	4.0	3.5	2.5
5	2.0	2.0	4.5	2.0	1.0	2.0	5.0	3.0	3.0	4.0	3.5	2.5
6	2.0	2.0	5.0	2.0	1.0	2.0	5.0	3.0	3.0	4.0	3.0	2.5
7	2.0	2.0	5.0	2.0	1.0	2.0	5.0	3.0	3.0	4.0	3.0	2.5
8	2.0	2.0	5.0	2.0	1.0	2.0	5.5	3.0	3.0	4.0	3.0	2.0
9	2.0	2.0	4.5	2.0	1.0	2.0	5.5	3.0	3.0	4.0	3.0	2.0
10	2.0	2.0	4.0	2.0	1.0	2.5	5.5	3.0	3.0	4.0	3.0	2.0
11	2.0	2.5	4.0	2.0	1.0	2.5	6.0	3.0	3.0	4.0	3.0	2.0
12	2.0	2.5	4.0	2.0	1.0	3.0	6.0	3.0	3.0	4.0	3.0	2.0
13	2.0	2.5	3.5	2.0	1.0	3.0	6.0	3.0	3.0	4.0	3.0	2.0
14	2.0	2.5	3.5	2.0	1.0	3.0	6.0	3.0	3.0	4.0	3.0	2.0
15	2.0	2.5	3.0	2.0	1.0	3.0	5.5	3.0	3.0	4.0	3.0	2.0
16	2.0	3.0	3.0	2.0	1.0	3.0	5.0	3.0	3.0	3.5	3.0	2.0
17	2.0	3.0	3.0	2.0	1.0	3.0	4.5	3.0	3.0	3.5	3.0	2.0
18	2.0	3.0	3.0	1.5	1.0	3.0	4.0	3.0	3.0	3.5	3.0	2.0
19	2.0	3.0	2.5	1.5	1.0	3.5	4.0	3.0	3.0	3.5	3.0	2.0
20	2.0	3.0	2.0	1.5	1.0	3.5	3.0	3.0	3.0	3.5	3.0	2.0
21	2.0	3.0	2.0	1.5	1.0	3.5	3.0	3.0	3.0	3.5	3.0	2.0
22	2.0	3.5	2.0	1.5	1.0	4.0	3.0	3.0	3.5	3.5	3.0	2.0
23	2.0	3.5	2.0	1.5	1.0	4.0	3.0	3.0	3.5	3.5	3.0	2.0
24	2.0	3.5	2.0	1.5	1.0	4.0	3.0	3.0	3.5	3.5	3.0	2.0
25	2.0	4.0	2.0	1.5	1.0	4.0	3.0	3.0	3.5	3.5	3.0	2.0
26	2.0	4.0	2.0	1.0	1.0	4.0	3.0	3.0	4.0	3.5	3.0	2.0
27	2.0	4.0	2.0	1.0	1.0	4.0	3.0	3.0	4.0	3.5	2.5	2.0
28	2.0	4.0	2.0	1.0	1.0	4.0	3.0	3.0	4.0	3.5	2.5	2.0
29	2.0	.....	2.0	1.0	1.0	4.5	3.0	3.0	4.0	3.5	2.5	2.0
30	2.0	.....	2.0	1.0	1.5	4.5	3.0	3.0	4.0	3.5	2.5	2.0
31	2.0	.....	2.0	.....	1.5	.....	3.0	3.0	.....	3.5	.....	2.0
Mean	2.0	2.7	3.1	1.7	1.0	3.0	4.3	3.0	3.2	3.7	3.0	2.1
Max.	2.0	4.0	5.0	2.0	1.5	4.5	6.0	3.0	4.0	4.0	3.5	2.5
Min.	2.0	2.0	2.0	1.0	1.0	2.0	3.0	3.0	3.0	3.5	2.5	2.0
A. F.	123	153	195	101	63	181	268	184	192	230	179	130
Total Acre Feet	1,999.											

## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, MORRILL DRAIN—1923

Sec. 14, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.0	1.0	2.0	2.0	1.5	1.5	1.5	2.5	0.5	1.0	1.0	2.0
2	1.0	1.0	2.0	2.0	1.5	1.5	1.5	2.5	.5	1.0	1.0	2.0
3	1.0	1.0	2.0	2.0	1.0	1.5	1.5	2.5	.5	1.0	1.0	2.0
4	1.0	1.0	2.0	2.0	1.0	1.5	1.5	2.5	.5	1.0	1.0	2.0
5	1.0	1.0	2.0	2.0	1.0	1.5	1.5	2.5	.5	1.0	1.0	2.0
6	1.0	1.0	2.0	2.0	.5	1.5	1.5	3.0	.5	1.0	1.0	2.0
7	1.0	1.0	2.0	2.0	.5	1.5	1.5	3.0	.5	1.0	1.0	2.0
8	1.0	1.0	2.0	2.0	.5	1.5	1.5	3.0	.5	1.0	1.0	2.0
9	1.0	1.0	2.0	2.0	.5	1.5	1.5	3.0	.5	1.0	1.0	2.0
10	1.0	1.0	2.0	2.0	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
11	1.0	1.0	2.0	2.0	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
12	1.0	1.0	2.0	2.0	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
13	1.0	1.0	2.0	2.0	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
14	1.0	1.0	2.0	2.0	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
15	1.0	2.0	2.0	2.0	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
16	1.0	2.0	2.0	2.5	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
17	1.0	2.0	2.0	2.5	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
18	1.0	2.0	2.0	2.5	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
19	1.0	2.0	2.0	2.5	.5	1.5	1.5	3.5	.5	1.0	1.5	2.0
20	1.0	2.0	2.0	2.5	.5	1.5	1.5	2.5	.5	1.0	6.0	2.0
21	1.0	2.0	2.0	2.5	1.0	1.5	2.0	2.0	.5	1.0	6.0	1.5
22	1.0	2.0	2.0	2.5	1.0	1.5	2.0	2.0	.5	1.0	5.5	1.5
23	1.0	2.0	2.0	2.5	1.0	1.5	2.0	1.5	.5	1.0	3.5	1.5
24	1.0	2.0	2.0	2.5	1.0	1.5	2.0	1.0	.5	1.0	2.5	1.5
25	1.0	2.0	2.0	2.5	1.0	1.5	2.0	1.0	.5	1.0	2.0	1.5
26	1.0	2.0	2.0	2.0	1.5	1.5	2.0	.5	.5	1.0	2.0	1.0
27	1.0	2.0	2.0	2.0	1.5	1.5	2.0	.5	.5	1.0	2.0	1.0
28	1.0	2.0	2.0	2.0	1.5	1.5	2.0	.5	.5	1.0	2.0	1.0
29	1.0	.....	2.0	2.0	1.5	1.5	2.0	.5	.5	1.0	2.0	1.0
30	1.0	.....	2.0	2.0	1.5	1.5	2.0	.5	.5	1.0	2.0	1.0
31	1.0	.....	2.0	.....	1.5	.....	2.0	.5	.....	1.0	.....	1.0
Mean	1.0	2.0	2.0	2.1	0.9	1.5	1.6	2.0	0.5	1.0	2.0	1.7
Max.	1.0	2.0	2.0	2.5	1.5	1.5	2.0	3.5	.5	1.0	6.0	2.0
Min.	1.0	1.0	2.0	2.0	1.0	1.5	1.5	.5	.5	1.0	1.0	1.0
A. F.	61	119	123	129	111	89	103	143	30	61	121	107
Total Acre Feet	1,197.											

## DISCHARGE IN SECOND FEET, MORRILL DRAIN—1924

Sec. 14, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.0	0.8	0.8	0.8	0.8	0.8	1.0	1.0	4.0	3.0	3.0	2.0
2	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	3.0	3.0	2.0
3	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	3.0	3.0	2.0
4	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	3.0	3.0	2.0
5	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	3.0	3.0	2.0
6	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	3.0	3.0	2.0
7	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	3.0	3.0	2.0
8	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	3.0	3.0	2.0
9	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	3.0	3.0	2.0
10	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	3.0	3.0	2.0
11	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	2.0	2.0	2.0
12	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	2.0	2.0	2.0
13	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	2.0	2.0	2.0
14	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	2.0	2.0	2.0
15	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	2.0	2.0	2.0
16	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
17	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
18	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
19	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
20	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
21	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
22	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
23	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
24	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
25	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	3.0	2.0	2.0
26	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	4.0	1.0	2.0
27	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	4.0	1.0	2.0
28	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	4.0	1.0	2.0
29	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	4.0	1.0	2.0
30	1.0	.....	.8	.8	.8	.8	1.0	1.0	4.0	4.0	1.0	2.0
31	1.0	.....	.8	.....	.8	.....	1.0	1.0	.....	4.0	.....	2.0
Mean	1.0	0.8	0.8	0.8	0.8	0.8	1.0	1.0	4.0	3.0	2.0	2.0
Max.	1.0	.8	.8	.8	.8	.8	1.0	1.0	5.0	4.0	3.0	2.0
Min.	1.0	.8	.8	.8	.8	.8	1.0	1.0	4.0	2.0	1.0	2.0
A. F.	61.0	46.0	49.0	47.0	49.0	47.0	61.0	61.0	218.0	186.0	128.0	123.0
Total Acre Feet	1,076.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, MORRILL DRAIN—1925

Sec. 14, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.5	0.5	0.4	0.5	0.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
2	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
3	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
4	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
5	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
6	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
7	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
8	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
9	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
10	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
11	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
12	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
13	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
14	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
15	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
16	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
17	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
18	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
19	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
20	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
21	.5	.5	.4	.5	.5	2.0	1.2	2.5	4.5	1.5	1.5	1.5
22	.5	.5	.4	.5	.5	2.0	1.2	2.5	4.5	1.5	1.5	1.5
23	.5	.5	.4	.5	.5	2.0	1.2	2.5	4.5	1.5	1.5	1.5
24	.5	.5	.4	.5	.5	2.0	1.2	2.5	4.5	1.5	1.5	1.5
25	.5	.5	.4	.5	.5	2.0	1.2	2.5	4.5	1.5	1.5	1.5
26	.5	.5	.4	.5	.5	2.0	2.5	2.5	4.5	1.5	1.5	1.5
27	.5	.5	.4	.5	.5	2.0	2.5	2.5	4.5	1.5	1.5	1.5
28	.5	.5	.4	.5	.5	2.0	2.5	2.5	4.5	1.5	1.5	1.5
29	.5	----	.4	.5	.5	2.0	2.5	2.5	4.5	1.5	1.5	1.5
30	.5	----	.4	.5	.5	2.0	2.5	2.5	4.5	1.5	1.5	1.5
31	.5	----	.4	----	.5	-----	2.5	2.5	-----	1.5	-----	1.5
Mean	0.5	0.5	0.4	0.5	0.5	2.0	1.4	2.5	3.5	1.5	1.5	1.5
Max.	.5	.5	.4	.5	.5	2.0	2.5	2.5	4.5	1.5	1.5	1.5
Min.	.5	.5	.4	.5	.5	2.0	1.2	2.5	3.0	1.5	1.5	1.5
A. F.	31	28	25	30	31	119	89	154	209	91	89	93
Total Acre Feet	989.											

## DISCHARGE IN SECOND FEET, MORRILL DRAIN—1926

Sec. 14, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	2	3	4	1	2	1	3	3	4	4	4
2	----	2	3	4	1	2	1	3	3	4	4	4
3	----	2	3	4	1	2	1	3	3	4	4	4
4	----	2	3	4	1	2	1	3	3	4	4	4
5	----	2	3	4	1	2	1	3	3	4	4	4
6	----	2	3	4	1	2	1	3	3	4	4	4
7	----	2	3	4	1	2	1	3	3	4	4	4
8	----	2	3	4	1	2	1	3	3	4	4	4
9	----	2	3	4	1	2	1	3	3	4	4	4
10	----	2	3	4	1	2	1	3	3	4	4	4
11	----	2	3	4	1	2	1	3	3	4	4	4
12	----	2	3	4	1	2	1	3	3	4	4	4
13	----	2	3	4	1	2	1	3	3	4	4	4
14	----	2	3	4	1	2	1	3	3	4	4	4
15	----	2	3	4	1	2	1	3	3	4	4	4
16	----	2	3	4	1	2	1	3	3	4	4	4
17	----	2	3	4	1	2	1	3	3	4	4	4
18	----	2	3	4	1	2	1	3	3	4	4	4
19	----	2	3	4	1	2	1	3	3	4	4	4
20	----	2	3	4	1	2	1	3	3	4	4	4
21	----	2	3	4	1	2	1	3	3	4	4	4
22	----	2	3	4	1	1	1	3	3	4	4	4
23	----	2	3	4	1	1	1	3	3	4	4	4
24	----	2	3	4	1	1	1	3	3	4	4	4
25	----	2	3	4	1	1	1	3	3	4	4	4
26	----	2	3	4	1	1	1	3	3	4	4	4
27	----	2	3	4	1	1	1	3	3	4	4	4
28	----	2	3	4	1	1	1	3	3	4	4	4
29	----	----	3	4	1	1	1	3	3	4	4	4
30	----	----	2	4	1	1	1	3	3	4	4	4
31	----	----	3	----	1	-----	1	3	-----	4	-----	4
Mean	----	2	3	4	1	2	1	3	3	4	4	4
Max.	----	2	3	4	1	2	2	3	3	4	4	4
Min.	----	2	3	4	1	1	1	3	3	4	4	4
A. F.	----	111	184	238	61	90	61	184	178	246	238	246
*No Record.												



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, MORRILL DRAIN—1927  
Sec. 14, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	0	0	0	1.3	1.0	0	8	2	2.3	1	0
2	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
3	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
4	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
5	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
6	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
7	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
8	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
9	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
10	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
11	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
12	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
13	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
14	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
15	....	0	0	0	1.3	1.0	0	8	2	2.3	1	0
16	....	0	0	0	.4	1.0	0	3	2	2.3	1	0
17	....	0	0	0	.4	1.0	0	3	2	2.3	1	0
18	....	0	0	0	.4	1.0	0	3	2	2.3	1	0
19	....	0	0	0	.4	1.0	0	3	2	2.3	1	0
20	....	0	0	0	.4	1.0	0	3	2	2.3	1	0
21	....	0	0	0	.4	1.0	0	3	2	2.3	4	0
22	....	0	0	0	.4	1.0	0	3	2	2.3	4	0
23	....	0	0	0	.4	1.0	0	3	2	2.3	4	0
24	....	0	0	0	.4	1.0	0	3	2	2.3	4	0
25	....	0	0	0	.4	1.0	0	3	2	2.3	4	0
26	....	0	0	0	.4	1.0	0	3	2	2.3	4	0
27	....	0	0	0	.4	1.0	0	3	2	2.3	4	0
28	....	0	0	0	.4	1.0	0	3	2	2.3	4	0
29	....	....	0	0	.4	1.0	0	3	2	2.3	4	0
30	....	....	0	0	.4	1.0	0	3	2	2.3	4	0
31	....	....	0	....	.4	.....	0	3	....	2.3	....	0
Mean	....	0	0	0	0.7	1.0	0	5	2	2.3	2	0
Max.	....	0	0	0	1.3	1.0	0	8	2	2.3	4	0
Min.	0	0	0	0	.4	1.0	0	3	2	2.3	2	0
A. F.	....	0	0	0	51	59	0	333	119	141	119	0

\*No Record.

DISCHARGE IN SECOND FEET, MORRILL DRAIN—1928  
Sec. 14, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	4	2	2	1	1	3	1	8	7	2	2
2	4	4	2	2	1	1	3	1	8	7	2	2
3	4	4	2	2	1	1	3	1	8	7	2	2
4	4	4	2	2	1	1	3	1	8	7	2	2
5	4	4	2	2	1	1	3	1	8	7	2	2
6	4	4	2	2	1	1	3	1	8	7	2	2
7	4	4	2	2	1	1	3	1	8	7	2	2
8	4	4	2	2	1	1	3	1	8	7	2	2
9	4	4	2	2	1	1	3	1	8	7	2	2
10	4	4	2	2	1	1	3	1	8	7	2	2
11	4	0	2	2	1	1	3	1	8	7	2	2
12	4	0	2	2	1	1	3	1	8	7	2	2
13	4	0	2	2	1	1	3	1	8	7	2	2
14	4	0	2	2	1	1	3	1	8	7	2	2
15	4	0	2	2	1	1	3	1	8	7	2	2
16	4	3	2	1	1	1	1	4	4	7	2	2
17	4	3	2	1	1	1	1	4	4	7	2	2
18	4	3	2	1	1	1	1	4	4	7	2	2
19	4	3	2	1	1	1	1	4	4	7	2	2
20	4	3	2	1	1	1	1	4	4	7	2	2
21	4	3	2	1	1	1	1	4	4	7	2	2
22	4	3	2	1	1	1	1	4	4	7	2	2
23	4	3	2	1	1	1	1	4	4	7	2	2
24	4	3	2	1	1	1	1	4	4	7	2	2
25	4	3	2	1	1	1	1	4	4	7	2	2
26	4	3	2	1	1	1	1	4	4	7	2	2
27	4	3	2	1	1	1	1	4	4	7	2	2
28	4	3	2	1	1	1	1	4	4	7	2	2
29	4	3	2	1	1	1	1	4	4	7	2	2
30	4	....	2	1	1	1	1	4	4	7	2	2
31	4	....	2	....	1	....	1	4	....	7	....	2
Mean	4	3	2	1	1	1	2	2	6	7	2	2
Max.	4	4	2	2	1	1	3	4	8	7	2	2
Min.	4	0	2	1	1	1	1	1	4	7	2	2
A. F.	246	163	123	88	*61	*60	*121	*157	*357	430	119	123

Total Acre Feet 2,049.

\*Water diverted by Enterprise Canal.

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, MUD CREEK SOUTH OF HAZARD—1927  
 Sec. 30, Twp. 13, Rge. 15 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	42	84	22	22	22	26	33	*
2	....	....	....	....	42	84	22	22	22	26	33	....
3	....	....	....	....	42	84	22	22	22	26	33	....
4	....	....	....	....	42	84	22	22	22	26	33	....
5	....	....	....	....	42	84	22	22	22	26	33	....
6	....	....	....	....	42	84	22	22	22	26	33	....
7	....	....	....	....	42	84	22	22	22	26	33	....
8	....	....	....	....	42	84	22	22	171	26	33	....
9	....	....	....	....	42	84	22	22	171	26	33	....
10	....	....	....	....	42	84	22	22	171	26	33	....
11	....	....	....	....	42	60	22	22	171	26	33	....
12	....	....	....	....	42	60	22	22	100	26	33	....
13	....	....	....	....	42	60	22	22	50	26	33	....
14	....	....	....	....	42	60	22	22	22	26	33	....
15	....	....	....	....	42	60	22	22	22	26	33	....
16	....	....	....	....	42	60	22	22	22	26	33	....
17	....	....	....	....	42	60	22	22	22	26	33	....
18	....	....	....	....	42	60	22	22	22	26	33	....
19	....	....	....	....	42	60	22	22	22	26	33	....
20	....	....	....	....	42	60	22	22	22	26	33	....
21	....	....	....	....	42	20	22	22	29	26	33	....
22	....	....	....	....	42	20	22	22	29	26	33	....
23	....	....	....	....	42	20	22	22	29	26	33	....
24	....	....	....	....	42	20	22	22	29	26	33	....
25	....	....	....	....	42	20	22	22	29	26	33	....
26	....	....	....	....	42	20	22	22	29	26	33	....
27	....	....	....	....	42	20	22	22	29	26	33	....
28	....	....	....	....	42	20	22	22	29	26	33	....
29	....	....	....	....	42	20	22	22	29	26	33	....
30	....	....	....	....	42	20	22	22	29	26	33	....
31	....	....	....	....	42	....	22	22	....	26	....	....
Mean	....	....	....	....	42	55	22	22	48	26	33	....
Max.	....	....	....	....	42	84	22	22	171	26	33	....
Min.	....	....	....	....	42	20	22	22	22	26	33	....
A. F.	....	....	....	....	2582	3252	1352	1352	2840	1598	1963	....
*No Record.												

DISCHARGE IN SECOND FEET, MUD CREEK NEAR MASON CITY—1927  
 Sec. 31, Twp. 15, Rge. 17 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	†Dec.
1	*	*	*	20	21	37	20	13	28	13	18	18
2	....	....	....	20	21	37	20	13	28	13	18	18
3	....	....	....	20	21	37	20	13	28	13	18	18
4	....	....	....	20	21	37	20	13	28	13	18	18
5	....	....	....	20	21	37	20	13	28	13	18	18
6	....	....	....	20	21	37	20	13	28	13	18	18
7	....	....	....	20	21	37	20	13	28	13	18	18
8	....	....	....	20	21	37	20	13	28	13	18	18
9	....	....	....	20	21	37	20	13	28	13	18	18
10	....	....	....	20	21	37	20	13	28	13	18	18
11	....	....	....	190	21	37	20	13	28	13	18	18
12	....	....	....	190	21	37	20	13	28	13	18	18
13	....	....	....	190	21	37	20	13	28	13	18	18
14	....	....	....	190	21	37	20	13	28	13	18	18
15	....	....	....	190	21	37	20	13	28	13	18	18
16	....	....	....	190	21	37	20	13	28	13	18	18
17	....	....	....	190	21	37	20	13	28	13	18	18
18	....	....	....	190	21	37	20	13	28	13	18	18
19	....	....	....	190	21	37	20	13	28	13	18	18
20	....	....	....	190	21	37	20	13	28	13	18	18
21	....	....	....	40	21	37	20	13	14	13	18	18
22	....	....	....	40	21	37	20	13	14	13	18	18
23	....	....	....	40	21	37	20	13	14	13	18	18
24	....	....	....	40	21	37	20	13	14	13	18	18
25	....	....	....	40	21	37	20	13	14	13	18	18
26	....	....	....	40	21	37	20	13	14	13	18	18
27	....	....	....	40	21	37	20	13	14	13	18	18
28	....	....	....	40	21	37	20	13	14	13	18	18
29	....	....	....	40	21	37	20	13	14	13	18	18
30	....	....	....	40	21	37	20	13	14	13	18	18
31	....	....	....	....	21	....	20	13	....	13	....	18
Mean	....	....	....	83	21	37	20	13	23	13	18	18
Max.	....	....	....	190	21	37	20	13	28	13	18	18
Min.	....	....	....	20	21	37	20	13	14	13	18	18
A. F.	....	....	....	4958	1291	2201	1229	799	1338	799	1071	1106
*No Record.												
†Estimated.												

DISCHARGE IN SECOND FEET, MUD CREEK NEAR BERWYN—1927  
Sec. 9, Twp. 16, Rge. 19 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	*
2	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
3	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
4	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
5	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
6	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
7	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
8	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
9	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
10	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
11	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
12	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
13	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
14	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
15	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
16	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
17	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
18	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
19	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
20	....	....	....	66	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
21	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
22	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
23	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
24	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
25	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
26	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
27	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
28	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
29	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
30	....	....	....	15	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
31	....	....	....	....	5.1	....	3.5	4.1	....	3.0	....	....
Mean	....	....	....	30	5.1	4.3	3.5	4.1	3.1	3.0	2.9	....
Max.	....	....	....	66	5.1	4.3	3.5	4.1	4.1	3.0	2.9	....
Min.	....	....	....	10	5.1	4.3	3.5	4.1	2.6	3.0	2.9	....
A. F.	....	....	....	1804	313	255	214	252	184	184	172	....
*No Record.	....	....	....	....	....	....	....	....	....	....	....	....

DISCHARGE IN SECOND FEET, MUDDY CREEK NEAR ARAPAHOE—1924  
Sec. 16, Twp. 4, Rge. 23 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
2	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
3	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
4	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
5	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
6	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
7	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
8	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
9	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
10	5.0	5.0	6.5	13.0	6.0	6.5	4.0	6.0	2.0	2.5	4.0	5.0
11	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
12	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
13	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
14	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
15	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
16	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
17	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
18	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
19	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
20	5.0	5.0	8.5	10.0	7.5	4.0	5.0	5.0	2.0	2.5	4.0	5.0
21	5.0	5.0	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
22	5.0	5.0	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
23	5.0	5.0	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
24	5.0	5.0	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
25	5.0	5.0	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
26	5.0	5.0	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
27	5.0	5.0	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
28	5.0	5.0	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
29	5.0	5.0	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
30	5.0	....	11.0	6.0	8.0	3.0	5.0	3.5	2.0	2.5	4.0	5.0
31	5.0	....	11.0	....	8.0	....	5.0	3.5	....	2.5	....	5.0
Mean	5.0	5.0	9.0	7.0	7.0	4.0	5.0	5.0	2.0	2.5	4.0	5.0
Max.	5.0	5.0	11.0	13.0	8.0	6.0	5.0	6.0	2.0	2.5	4.0	5.0
Min.	5.0	5.0	6.5	6.0	6.0	3.0	4.0	3.0	2.0	2.5	4.0	5.0
A. F.	307	287	537	575	442	268	287	293	119	155	238	307
Total Acre Feet	3,815.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, MUDDY CREEK NEAR ARAPAHOE—1928  
Sec. 16, Twp. 4, Rge. 23 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	2	3	2	5	8	5	1	1	1	2	2
2	4	2	3	2	5	8	5	1	1	1	2	2
3	4	2	3	2	5	8	5	1	1	1	2	2
4	4	2	3	2	5	8	5	1	1	1	2	2
5	4	2	3	2	5	8	5	1	1	1	2	2
6	4	2	3	2	5	8	5	1	1	1	2	2
7	4	2	3	2	5	8	5	1	1	1	2	2
8	4	2	3	2	5	8	5	1	1	1	2	2
9	4	2	3	2	5	8	5	1	1	1	2	2
10	4	2	3	2	5	8	5	1	1	1	2	2
11	4	2	3	2	5	8	5	1	1	1	2	2
12	4	2	3	2	5	8	5	1	1	1	2	2
13	4	2	3	2	5	8	5	1	1	1	2	2
14	4	2	3	2	5	8	5	1	1	1	2	2
15	4	2	3	2	5	8	5	1	1	1	2	2
16	4	2	3	2	5	8	8	1	1	1	2	2
17	4	2	3	2	5	8	8	1	1	1	2	2
18	4	2	3	2	5	8	8	1	1	1	2	2
19	4	2	3	2	5	8	8	1	1	1	2	2
20	4	2	3	2	5	8	8	1	1	1	2	2
21	4	2	3	2	5	8	8	1	1	1	2	2
22	4	2	3	2	5	8	8	1	1	1	2	2
23	4	2	3	2	5	8	8	1	1	1	2	2
24	4	2	3	2	5	8	8	1	1	1	2	2
25	4	2	3	2	5	8	8	1	1	1	2	2
26	4	2	3	2	5	8	8	1	1	1	2	2
27	4	2	3	2	5	8	8	1	1	1	2	2
28	4	2	3	2	5	8	8	1	1	1	2	2
29	4	2	3	2	5	8	8	1	1	1	2	2
30	4	---	3	2	5	8	8	1	1	1	2	2
31	4	---	3	---	5	---	8	1	---	1	---	2
Mean	4	2	3	---	5	8	6	1	---	1	---	2
Max.	4	2	3	2	5	8	8	1	1	1	2	2
Min.	4	2	3	2	5	8	5	1	1	1	2	2
A. F.	246	115	184	119	377	492	403	61	59	61	119	123
Total Acre Feet	2,289.											

DISCHARGE IN SECOND FEET, NINE MILE DRAIN—1919  
Sec. 16, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	70	73	111	183	214	181	80	146	146
2	....	....	....	72	67	111	183	220	164	88	138	146
3	....	....	....	73	73	111	198	235	196	44	154	154
4	....	....	....	67	73	126	189	217	179	94	164	164
5	....	....	....	58	67	111	187	225	177	94	154	164
6	....	....	....	73	73	126	208	208	212	112	164	154
7	....	....	....	46	73	126	204	207	197	130	164	154
8	....	....	....	30	73	120	205	213	172	130	154	154
9	....	....	....	97	81	126	177	203	172	180	146	154
10	....	....	....	81	81	143	203	208	225	164	138	154
11	....	....	....	89	81	150	205	207	225	155	154	164
12	....	....	....	81	73	143	202	205	260	164	146	164
13	....	....	....	81	73	143	197	196	260	164	138	164
14	....	....	....	89	73	143	196	187	260	164	138	154
15	....	....	....	73	58	159	188	177	260	154	146	154
16	....	....	....	81	73	183	200	176	260	164	146	146
17	....	....	....	73	97	135	199	184	240	164	154	138
18	....	....	....	73	81	135	186	180	230	164	164	146
19	....	....	....	67	103	135	190	178	230	164	154	138
20	....	....	....	67	81	150	188	176	210	164	146	146
21	....	....	....	67	89	180	180	174	200	164	154	138
22	....	....	....	67	81	159	205	166	190	170	154	146
23	....	....	....	58	81	159	190	190	180	164	164	154
24	....	....	....	67	89	164	190	182	139	164	164	146
25	....	....	....	67	97	164	202	173	94	170	154	146
26	....	....	....	67	81	164	208	172	62	170	146	138
27	....	....	....	67	89	164	213	184	104	164	154	146
28	....	....	....	73	97	180	203	192	112	164	154	138
29	....	....	....	67	97	180	196	183	112	164	164	146
30	....	....	....	67	120	183	194	183	94	170	154	146
31	....	....	....	....	164	....	....	176	....	164	....	154
Mean	....	....	....	68	84	146	196	193	186	147	152	150
Max.	....	....	....	97	164	183	213	235	260	180	164	164
Min.	....	....	....	30	58	111	177	166	62	44	138	138
A. F.	....	....	....	4082	5181	8696	12052	11833	11082	9065	9065	9235
*No Record.												

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, NINE MILE DRAIN—1920

Sec. 16, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	112	100	100	95	112	130	138	250	230	190	162	139
2	110	100	100	95	120	120	125	210	250	190	162	138
3	112	100	100	102	112	116	120	230	230	190	162	137
4	106	100	100	102	108	120	150	138	230	189	162	136
5	110	130	99	106	108	130	130	210	230	188	162	135
6	110	100	99	112	120	130	150	162	230	187	162	134
7	112	100	99	110	108	138	130	162	306	186	162	133
8	110	100	99	110	106	112	138	162	270	185	162	132
9	110	100	99	105	108	106	138	210	230	184	160	131
10	106	100	99	106	108	130	150	150	250	183	159	130
11	102	100	98	94	112	112	130	150	200	182	158	130
12	106	100	98	100	150	116	138	150	250	181	157	129
13	103	100	98	106	130	125	138	150	210	180	156	128
14	110	100	98	94	164	125	120	150	230	179	155	127
15	106	100	98	100	120	138	138	150	250	178	154	126
16	102	100	99	120	120	150	138	150	210	177	153	125
17	102	100	99	120	112	130	138	176	210	176	152	125
18	100	100	99	124	106	162	134	192	210	175	151	124
19	102	100	99	110	100	192	138	210	192	174	150	124
20	102	100	100	128	94	138	138	176	230	173	149	123
21	100	100	100	130	100	150	150	162	210	172	148	122
22	102	100	94	148	106	176	162	192	210	171	147	121
23	102	100	94	148	100	170	110	192	210	170	146	120
24	102	100	106	192	102	162	138	210	210	169	145	120
25	100	100	106	162	100	138	134	210	192	168	144	119
26	100	100	106	134	100	162	138	210	185	167	143	118
27	102	100	100	124	100	150	138	210	210	166	142	118
28	100	100	102	120	100	144	192	210	220	165	141	117
29	100	100	102	116	94	150	250	192	192	164	140	116
30	100	.....	106	120	120	150	192	210	192	163	140	115
31	100	.....	100	.....	120	.....	230	230	.....	162	.....	115
Mean	104	100	100	117	111	139	145	186	225	177	153	122
Max.	112	100	106	192	164	192	230	250	290	190	162	139
Min.	100	100	94	94	94	106	120	138	185	162	140	115
A. F.	6434	5752	6141	7010	6851	8275	8951	11437	13424	10877	9696	7502
Total Acre Feet	101,750.											

## DISCHARGE IN SECOND FEET, NINE MILE DRAIN—1921

Sec. 16, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	100	97	102	92	92	125	141	161	196	167	133	111
2	100	97	102	92	94	125	144	161	195	167	133	111
3	100	97	102	92	96	125	146	161	193	168	132	111
4	100	98	102	92	98	125	148	162	192	168	132	111
5	100	98	102	92	100	125	150	162	191	168	132	111
6	100	98	102	92	102	125	151	162	190	166	132	111
7	100	99	102	92	103	124	151	163	189	165	132	110
8	100	99	101	92	105	124	151	163	188	163	131	110
9	100	100	100	92	107	123	152	165	187	161	130	110
10	100	100	100	92	108	123	152	167	185	160	129	110
11	100	100	100	92	109	122	152	168	184	158	128	110
12	100	100	99	92	110	122	153	169	183	157	127	110
13	100	101	99	91	111	121	153	170	182	155	126	110
14	100	101	98	91	112	120	153	171	180	153	125	110
15	99	101	97	91	113	119	154	172	179	152	124	110
16	99	102	97	90	114	119	154	173	178	150	123	110
17	99	102	96	90	115	118	155	174	177	148	123	110
18	99	102	96	90	116	118	155	175	176	146	122	110
19	99	102	95	89	117	117	156	177	175	144	121	110
20	98	102	95	89	118	117	156	179	174	143	120	110
21	98	102	95	88	119	118	156	181	172	141	119	109
22	98	102	94	88	120	121	157	184	171	140	118	109
23	98	102	94	88	121	124	157	186	170	138	117	109
24	98	102	93	88	122	125	158	188	169	136	116	109
25	98	102	93	87	123	128	158	191	168	134	115	109
26	98	102	93	87	123	130	158	183	166	133	114	108
27	98	102	93	87	124	132	159	195	167	133	113	108
28	98	102	92	87	125	134	159	197	167	133	112	108
29	97	.....	92	88	125	136	159	199	167	133	111	108
30	97	.....	92	90	125	139	160	198	167	133	111	108
31	97	.....	92	.....	125	.....	160	197	.....	133	.....	108
Mean	99	100	94	90	109	124	154	176	179	150	119	110
Max.	100	102	102	92	125	139	160	199	196	168	133	111
Min.	97	97	92	87	92	117	141	161	166	133	111	108
A. F.	6085	5578	5782	5361	6514	7388	9457	10838	10667	9211	7097	6742
Total Acre Feet	90,270.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, NINE MILE DRAIN—1922  
Sec. 16, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	106	84	80	67	68	76	146	202	180	146	120	102
2	106	84	80	66	68	78	150	201	178	142	120	102
3	106	82	80	66	68	69	152	200	176	138	119	100
4	106	82	80	65	68	80	156	198	174	138	119	100
5	106	80	80	64	68	80	158	196	172	137	118	100
6	106	80	80	64	68	82	160	194	172	137	117	99
7	106	80	80	64	68	83	164	192	170	136	116	98
8	106	80	80	64	68	84	166	190	167	136	116	98
9	106	80	79	64	68	86	170	190	166	136	116	98
10	105	80	79	64	68	88	172	188	164	134	114	96
11	104	80	79	65	68	92	174	186	162	133	114	96
12	104	80	78	65	69	94	178	184	160	132	114	95
13	102	80	78	65	69	96	180	182	158	132	113	95
14	102	80	78	65	69	100	184	181	156	132	112	94
15	100	80	77	65	69	102	186	180	156	130	112	94
16	100	80	77	65	69	106	188	178	156	130	110	94
17	98	80	77	66	69	108	192	176	156	130	110	94
18	98	80	76	66	69	110	196	174	156	129	110	95
19	96	80	76	66	70	114	198	172	156	128	110	96
20	96	80	76	66	70	116	200	170	157	128	108	96
21	94	80	75	66	70	120	202	168	158	127	108	96
22	94	80	74	66	70	122	206	167	158	126	108	96
23	93	80	74	66	70	124	208	166	158	126	106	96
24	92	80	74	66	70	126	212	164	158	125	106	97
25	91	80	72	66	70	130	214	162	158	124	106	98
26	90	80	72	66	70	132	214	164	158	124	104	98
27	90	80	70	67	72	136	212	168	159	124	104	98
28	88	80	70	67	73	138	210	170	160	122	102	98
29	87	.....	70	67	74	142	208	274	154	122	102	98
30	86	.....	68	67	74	144	206	176	150	122	102	98
31	85	.....	68	.....	75	.....	204	178	.....	120	.....	98
Mean	98	80	76	65	70	105	186	183	167	130	111	97
Max.	106	84	80	67	75	144	214	274	180	146	120	102
Min.	85	80	68	64	68	76	146	162	150	120	102	94
A. F.	6047	4467	4675	3899	4282	6282	11437	11090	9959	8027	6617	5976
Total Acre Feet	82,758.											

DISCHARGE IN SECOND FEET, NINE MILE DRAIN—1923  
Sec. 16, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	79	74	58	61	62	81	109	117	92	55	.....	.....
2	79	73	58	62	62	82	100	118	95	47	.....	.....
3	79	73	57	62	62	83	101	119	98	37	.....	.....
4	79	72	57	62	62	84	101	120	101	30	.....	.....
5	79	72	56	62	62	85	101	120	104	23	.....	.....
6	79	71	56	62	63	86	102	121	107	17	.....	.....
7	79	71	55	62	63	87	102	122	110	10	.....	.....
8	79	70	55	62	63	87	102	122	112	*	.....	.....
9	79	70	55	62	63	88	103	123	116	.....	.....	.....
10	79	69	55	62	63	89	103	124	119	.....	.....	.....
11	79	69	56	61	63	90	103	125	122	.....	.....	.....
12	79	68	56	61	64	91	104	125	125	.....	.....	.....
13	79	68	56	61	65	92	104	126	128	.....	.....	.....
14	79	67	57	61	65	93	105	127	131	.....	.....	.....
15	79	66	57	61	66	93	106	127	134	.....	.....	.....
16	79	66	57	61	67	94	106	128	137	.....	.....	.....
17	79	65	57	61	68	95	107	129	140	.....	.....	.....
18	79	65	58	61	69	96	108	125	139	.....	.....	.....
19	79	64	58	61	70	76	108	121	138	.....	.....	.....
20	79	64	58	61	71	96	109	116	137	.....	.....	.....
21	79	63	58	61	71	97	110	111	136	.....	.....	.....
22	79	63	59	61	72	97	111	107	130	.....	.....	.....
23	79	62	59	61	73	97	111	102	120	.....	.....	.....
24	78	62	58	61	74	98	112	99	110	.....	.....	.....
25	78	61	59	61	75	98	112	95	105	.....	.....	.....
26	77	61	60	61	76	98	113	90	96	.....	.....	.....
27	77	60	60	61	77	99	114	85	87	.....	.....	.....
28	76	59	60	61	77	99	115	81	80	.....	.....	.....
29	77	.....	60	61	78	99	115	83	72	.....	.....	.....
30	75	.....	60	61	79	100	116	86	63	.....	.....	.....
31	74	.....	61	.....	80	.....	117	89	.....	.....	.....	.....
Mean	76	68	58	61	69	92	107	112	113	28	.....	.....
Max.	79	74	61	62	80	100	117	129	140	35	.....	.....
Min.	74	59	55	61	62	81	100	81	63	10	.....	.....
A. F.	4665	3705	3545	3648	4215	5498	6587	6909	6714	446	.....	.....
*1923 Mile Drain combined with Snell Drain after Oct. 7, 1923.												

DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR SPENCER—1927

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	---	---	---	---	---	---	---	737	867	973	1250	747
2	---	---	---	---	---	---	---	973	848	1040	1250	467
3	---	---	---	---	---	---	---	1070	790	1150	1270	290
4	---	---	---	---	---	---	---	1060	797	1120	1330	221
5	---	---	---	---	---	---	---	1020	742	1200	1270	342
6	---	---	---	---	---	---	---	1020	763	1160	1260	447
7	---	---	---	---	---	---	---	748	825	1160	872	431
8	---	---	---	---	---	---	---	1050	839	1090	866	269
9	---	---	---	---	---	---	---	989	766	953	885	186
10	---	---	---	---	---	---	---	969	808	1250	869	240
11	---	---	---	---	---	---	---	1120	746	1230	967	165
12	---	---	---	---	---	---	---	1280	841	1250	818	175
13	---	---	---	---	---	---	---	1010	1030	998	835	319
14	---	---	---	---	---	---	---	960	812	1170	911	373
15	---	---	---	---	---	---	---	1410	765	1220	552	433
16	---	---	---	---	---	---	---	1310	806	979	324	510
17	---	---	---	---	---	---	---	1140	844	1090	529	604
18	---	---	---	---	---	---	---	1140	824	1170	545	750
19	---	---	---	---	---	---	---	1140	876	1220	640	880
20	---	---	---	---	---	---	---	994	842	1130	868	886
21	---	---	---	---	---	---	---	782	841	1150	1060	826
22	---	---	---	---	---	---	---	828	907	1200	897	891
23	---	---	---	---	---	---	---	1120	830	1060	854	873
24	---	---	---	---	---	---	---	1030	890	1170	762	924
25	---	---	---	---	---	---	---	1030	847	1230	994	759
26	---	---	---	---	---	---	---	965	1030	1270	1120	863
27	---	---	---	---	---	---	---	1070	990	1200	1020	917
28	---	---	---	---	---	---	---	972	1070	1180	940	917
29	---	---	---	---	---	---	---	882	1260	1240	975	944
30	---	---	---	---	---	---	---	810	1040	1260	764	918
31	---	---	---	---	---	---	---	842	-----	1280	-----	1050
Mean	---	---	---	---	---	---	---	1020	871	1160	917	601
Max.	---	---	---	---	---	---	---	1410	1260	1280	1330	1050
Min.	---	---	---	---	---	---	---	737	742	953	324	165
A. F.	---	---	---	---	---	---	---	62700	51800	71300	54600	37000

DISCHARGE IN SECOND FEET, NIOBRARA RIVER AT SPENCER—1928

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	893	1200	1580	2040	971	1180	1120	1220	1020	1190	1400	1190
2	845	1200	1470	2040	1140	1150	1450	955	766	1130	1060	1250
3	788	1210	1640	1980	1140	1020	1580	1260	964	1130	1110	969
4	678	1320	1720	2020	1740	1160	895	1100	789	1080	1280	699
5	827	1250	1380	1940	1570	1150	1160	1020	750	1110	1720	502
6	791	1540	1960	1880	1090	1210	954	1110	765	1150	1950	883
7	1010	1690	2240	1840	1230	1250	924	827	859	1120	1480	947
8	939	1790	3090	1760	979	970	1180	981	1010	1360	1220	1010
9	1110	1760	3080	1540	1300	1030	911	880	670	1200	1510	900
10	1240	1900	3610	1640	1120	1050	775	885	808	1110	1520	1030
11	1280	1900	3660	1560	1230	1260	858	923	1370	1020	1400	1130
12	1440	2030	3090	1560	1220	1680	1320	760	1430	1040.	1290	1470
13	1800	1750	2500	1640	1130	1320	1110	706	1440	1130	1580	1470
14	1900	1720	1980	1540	1140	1090	936	689	1100	1220	1500	1690
15	1440	1540	1680	1520	1520	981	789	670	1200	1340	1290	1700
16	1100	1560	1680	1520	1800	1260	1150	678	818	1430	1360	1450
17	1140	1650	1740	1420	1920	1000	987	1010	1030	2110	1490	1330
18	1420	1360	1620	1610	1540	1240	1550	1220	1020	1760	1380	883
19	1490	1200	1600	1140	1470	1620	1500	872	716	1240	1690	773
20	1200	1200	1660	1330	1470	1400	1480	948	1010	1280	1110	415
21	1250	1190	1690	1360	1560	1390	1380	815	1090	1090	1400	825
22	1040	1410	1420	1300	1330	1700	1850	864	1330	1350	1060	793
23	1310	1310	1940	1360	1220	1660	1130	917	1150	1160	1200	801
24	1190	1080	1860	1190	1210	1420	1110	761	1230	1030	1310	1340
25	1060	977	2100	1090	980	1400	1240	918	1130	1010	1060	1160
26	1300	998	2040	1110	991	1370	1070	676	1200	1240	1170	1650
27	1200	1070	1830	1460	885	1240	1140	792	1140	1190	1250	1540
28	1150	1190	2060	1470	1040	2080	1060	748	1130	1160	1390	2020
29	1110	1420	2110	1550	1060	1470	1350	740	1120	1220	1250	1780
30	1170	-----	1950	1040	817	1330	1860	1050	919	1390	1140	1460
31	1210	-----	1640	-----	1090	-----	1410	920	-----	1520	-----	1500
Mean	1170	1430	2050	1550	1250	1300	1200	900	1030	1240	1350	1180
Max.	1900	2030	3660	2040	1920	2080	1860	1260	1440	2110	1950	2020
Min.	678	977	1380	1040	817	970	775	670	670	1010	1060	415
A. F.	71900	82200	126000	92200	76900	77400	73800	55300	61300	76200	80300	72600



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR MARSLAND—1924  
Sec. 6, Twp. 28, Rge. 51 W.

Date	* Jan.	Feb.	* Mar.	Apr.	May	* June	July	Aug.	* Sept.	Oct.	Nov.	* Dec.
1	38	42	60	89	68	30	12	22	20	30	30	30
2	38	42	60	80	68	30	12	22	20	30	30	30
3	38	42	60	80	68	30	12	22	20	30	30	30
4	38	42	60	80	68	30	12	22	20	30	30	30
5	38	42	60	80	68	30	12	22	20	30	30	30
6	38	42	60	80	68	30	12	22	20	30	30	30
7	38	42	60	80	68	30	12	22	20	30	30	30
8	38	42	60	80	68	30	12	22	20	30	30	30
9	38	42	60	80	68	30	12	22	20	30	30	30
10	38	42	60	80	68	30	12	22	20	30	30	30
11	38	42	60	138	68	30	12	18	24	30	30	30
12	38	42	60	138	68	30	12	18	24	30	30	30
13	38	42	60	138	68	30	12	18	24	30	30	30
14	38	42	60	138	68	30	12	18	24	30	30	30
15	38	42	60	138	68	30	12	18	24	30	30	30
16	38	42	80	120	68	30	12	18	24	30	30	30
17	38	42	80	120	68	30	12	18	24	30	30	30
18	38	42	80	120	68	30	12	18	24	30	30	30
19	38	42	80	120	68	30	12	18	24	30	30	30
20	38	42	80	120	68	30	12	18	24	30	30	30
21	38	42	80	100	68	30	16	16	28	30	30	30
22	38	42	80	100	68	30	16	16	28	30	30	30
23	38	42	80	100	68	30	16	16	28	30	30	30
24	38	42	80	100	68	30	16	16	28	30	30	30
25	38	42	80	100	68	30	16	16	28	30	30	30
26	38	42	80	80	68	30	16	16	28	30	30	30
27	38	42	80	80	68	30	16	16	28	30	30	30
28	38	42	80	80	68	30	16	16	28	30	30	30
29	38	42	80	80	68	30	16	16	28	30	30	30
30	38	....	80	80	68	30	16	16	28	30	30	30
31	38	....	80	....	68	....	16	16	....	30	....	30
Mean	38	42	70	100	68	30	13	19	24	30	30	30
Max.	38	42	80	138	68	30	16	22	28	30	30	30
Min.	38	42	60	80	68	30	12	16	20	30	30	30
A. F.	2336	2416	4324	5931	4187	1795	825	1142	1428	1844	1785	1844
Total Acre Feet	29,841.											

\*Estimated.

DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR MARSLAND—1925  
Sec. 6, Twp. 28, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	49	52	43	33	22	26	6	20	10.5	38	44	44
2	49	52	43	33	22	26	6	20	10.5	38	44	44
3	49	52	43	33	22	26	6	20	10.5	38	44	44
4	49	52	43	33	22	26	6	20	10.5	38	44	44
5	49	52	43	33	22	26	6	20	10.5	38	44	44
6	49	52	43	33	22	26	6	20	10.5	38	44	44
7	49	52	43	33	22	26	6	20	10.5	38	44	44
8	49	52	43	33	22	26	6	20	10.5	38	44	44
9	49	52	43	33	22	26	6	20	10.5	38	44	44
10	49	52	43	33	22	26	6	20	10.5	38	44	44
11	49	52	43	33	22	26	6	20	10.5	38	44	44
12	49	52	43	33	22	26	6	20	10.5	38	44	44
13	49	52	43	33	22	26	6	20	10.5	38	44	44
14	49	52	43	33	22	26	6	20	10.5	38	44	44
15	49	52	43	33	22	26	6	20	10.5	38	44	44
16	49	52	43	33	22	26	6	20	10.5	38	44	44
17	49	52	43	33	22	26	6	20	10.5	38	44	44
18	49	52	43	33	22	26	6	20	10.5	38	44	44
19	49	52	43	33	22	26	6	20	10.5	38	44	44
20	49	52	43	33	22	26	6	20	10.5	38	44	44
21	49	52	43	33	22	26	6	20	10.5	38	44	44
22	49	52	43	33	22	26	6	20	10.5	38	44	44
23	49	52	43	33	22	26	6	20	10.5	38	44	44
24	49	52	43	33	22	26	6	20	10.5	38	44	44
25	49	52	43	33	22	26	6	20	10.5	38	44	44
26	49	52	43	33	22	26	6	20	10.5	38	44	44
27	49	52	43	33	22	26	6	20	10.5	38	44	44
28	49	52	43	33	22	26	41	20	10.5	38	44	44
29	49	....	43	33	22	26	41	20	10.5	38	44	44
30	49	....	43	33	22	26	41	20	10.5	38	44	44
31	49	....	43	....	22	....	41	20	....	38	....	44
Mean	49	52	43	33	22	26	10	20	10.5	38	44	44
Max.	49	52	43	33	22	26	41	20	10.5	38	44	44
Min.	49	52	43	33	22	26	6	20	10.5	38	44	44
A. F.	3012	2888	3667	1964	1353	1547	646	1230	625	2366	2648	2735
Total Acre Feet	24,681.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR MARSLAND—1926  
Sec. 6, Twp. 28, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	43	46	88	55	29	26	26	70	31	38	37	37
2	43	46	88	55	29	26	26	70	31	38	37	37
3	43	46	88	55	29	26	26	70	31	38	37	37
4	43	46	88	55	29	26	26	70	31	38	37	37
5	43	46	88	55	29	26	26	70	31	38	37	37
6	43	46	88	55	29	26	26	70	31	38	37	37
7	43	46	88	55	29	26	26	70	31	38	37	37
8	43	46	88	55	29	26	26	70	31	38	37	37
9	43	46	88	55	29	26	26	70	31	38	37	37
10	43	46	88	55	29	26	26	70	31	38	37	37
11	43	46	88	55	29	26	26	70	31	38	37	37
12	43	46	88	55	29	26	26	70	31	38	37	37
13	43	46	88	55	29	26	26	70	31	38	37	37
14	43	46	88	55	29	26	26	70	31	38	37	37
15	43	46	88	55	29	26	26	70	31	38	37	37
16	43	46	88	55	29	26	26	70	31	38	37	37
17	43	46	88	55	29	26	26	70	31	38	37	37
18	43	46	88	55	29	26	26	70	31	38	37	37
19	43	46	88	55	29	26	26	70	31	38	37	37
20	43	46	88	55	29	26	26	70	31	38	37	37
21	43	46	57	55	23	26	26	70	31	38	37	37
22	43	46	57	55	23	26	26	70	31	38	37	37
23	43	46	57	55	23	26	26	70	31	38	37	37
24	43	46	57	55	23	26	26	70	31	38	37	37
25	43	46	57	55	23	26	26	70	31	38	37	37
26	43	46	57	55	23	26	26	70	31	38	37	37
27	43	46	57	55	23	26	26	70	31	38	37	37
28	43	46	57	55	23	26	26	70	31	38	37	37
29	43	---	57	55	23	26	26	70	31	38	37	37
30	43	---	57	55	23	26	26	70	31	38	37	37
31	43	---	57	---	23	---	26	70	---	38	---	37
Mean	43	46	77	56	27	26	26	70	31	38	37	37
Max.	43	46	88	55	29	26	26	70	31	38	37	37
Min.	43	46	57	55	23	26	26	70	31	38	37	37
A. F.	2644	2554	4734	3382	1652	1547	1599	4304	1845	2336	2201	2275
Total Acre Feet	31,073.											

DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR MARSLAND—1927  
Sec. 6, Twp. 28, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	50	50	56	96	63	56	32	32	29	30	47	44
2	50	50	56	96	63	56	32	32	29	30	47	44
3	50	50	56	96	63	56	32	32	29	30	47	44
4	50	50	56	96	63	56	32	32	29	30	47	44
5	50	50	56	96	63	56	32	32	29	30	47	44
6	50	50	56	96	63	56	32	32	29	30	47	44
7	50	50	56	96	63	56	32	32	29	30	47	44
8	50	50	56	96	63	56	32	32	29	30	47	44
9	50	50	56	96	63	56	32	32	29	30	47	44
10	50	50	56	96	63	56	32	32	29	30	47	44
11	50	50	56	96	63	56	32	32	29	30	47	44
12	50	50	56	96	63	56	32	32	29	30	47	44
13	50	50	56	96	63	56	32	32	29	30	47	44
14	50	50	56	96	63	56	32	32	29	30	47	44
15	50	50	56	96	63	56	32	32	29	30	47	44
16	50	50	56	96	63	56	32	32	29	30	47	44
17	50	50	56	96	63	56	32	32	29	30	47	44
18	50	50	56	96	63	56	32	32	29	30	47	44
19	50	50	56	96	63	56	32	32	29	30	47	44
20	50	50	56	96	63	56	32	32	29	30	47	44
21	50	50	56	96	63	56	32	32	29	30	47	44
22	50	50	56	96	63	56	32	39	29	30	56	44
23	50	50	56	96	63	56	32	39	29	30	56	44
24	50	50	56	96	63	56	32	39	29	30	56	44
25	50	50	56	96	63	56	32	39	29	30	56	44
26	50	50	56	96	63	56	32	39	29	30	56	44
27	50	50	56	96	63	56	32	39	29	30	56	44
28	50	50	56	96	63	56	32	39	29	30	56	44
29	50	---	56	96	63	56	32	39	29	30	56	44
30	50	---	56	96	63	56	32	39	29	30	56	44
31	50	---	56	---	63	---	32	39	29	30	56	44
Mean	50	50	56	96	63	56	32	34	29	30	50	44
Max.	50	50	56	96	63	56	32	39	29	30	56	44
Min.	50	50	56	96	63	56	32	32	29	30	47	44
A. F.	3074	2776	3443	5712	3873	3332	1967	2398	1725	1844	2975	2705
Total Acre Feet	35,824.											

**DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR MARSLAND—1928**  
 Sec. 6, Twp. 28, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	60	50	59	61	35	33	33	16	16	24	31	38
2	60	50	59	61	35	33	33	16	16	24	31	38
3	60	50	59	61	35	33	33	16	16	24	31	38
4	60	50	59	61	35	33	33	16	16	24	31	38
5	60	50	59	61	35	33	33	16	16	24	31	38
6	60	50	59	61	35	33	33	16	16	24	31	38
7	60	50	59	61	35	33	33	16	16	24	31	38
8	60	50	59	61	35	33	33	16	16	24	31	38
9	60	50	59	61	35	33	33	16	16	24	31	38
10	60	50	59	61	35	33	33	16	16	24	31	38
11	60	50	59	61	35	33	33	16	16	24	31	38
12	60	50	59	61	35	33	33	16	16	24	31	38
13	60	50	59	61	35	33	33	16	16	24	31	38
14	60	50	59	61	35	33	33	16	16	24	31	38
15	60	50	59	61	35	33	33	16	16	24	31	38
16	60	50	59	61	35	33	33	16	22	24	31	38
17	60	50	59	61	35	33	33	16	22	24	31	38
18	60	50	59	61	35	33	33	16	22	24	31	38
19	60	50	59	61	35	33	33	16	22	24	31	38
20	60	50	59	61	35	33	33	16	22	24	31	38
21	60	50	59	61	35	33	33	16	22	24	31	38
22	60	50	59	61	35	33	33	16	22	24	31	38
23	60	50	59	61	35	33	33	16	22	24	31	38
24	60	50	59	61	35	33	33	16	22	24	31	38
25	60	50	59	61	35	33	33	16	22	24	31	38
26	60	50	59	61	35	33	33	16	22	24	31	38
27	60	50	59	61	35	33	33	16	22	24	31	38
28	60	50	59	61	35	33	33	16	22	24	31	38
29	60	50	59	61	35	33	33	16	22	24	31	38
30	60	---	59	61	35	33	33	16	22	24	31	38
31	60	---	59	---	35	---	33	16	---	24	---	38
Mean	60	50	59	61	35	33	33	16	19	24	31	38
Max.	60	50	59	61	35	33	33	16	22	24	31	38
Min.	60	50	59	61	35	33	33	16	16	24	31	38
A. F.	3689	2876	3628	3630	2152	1964	2029	984	1130	1476	1844	2323
Total Acre Feet	27,725.											

**DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR DUNLAP—1924**  
 Sec. 27, Twp. 29, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	* June	July	Aug.	* Sept.	Oct.	Nov.	* Dec.
1	60	50	100	100	110	60	40	40	44	44	48	80
2	60	50	100	100	110	60	40	40	44	44	48	80
3	60	50	100	100	110	60	40	40	44	44	48	80
4	60	50	100	100	110	60	40	40	44	44	48	80
5	60	50	100	100	110	60	40	40	44	44	48	80
6	60	50	100	100	110	60	40	40	44	44	48	80
7	60	50	100	100	110	60	40	40	44	44	48	80
8	60	50	100	100	110	60	40	40	44	44	48	80
9	60	50	100	100	110	60	40	40	44	44	48	80
10	60	50	100	100	110	60	40	40	44	44	48	80
11	30	112	100	266	88	50	40	44	44	54	60	80
12	30	112	100	266	88	50	40	44	44	54	60	80
13	30	112	100	266	88	50	40	44	44	54	60	80
14	30	112	100	266	88	50	40	44	44	54	60	80
15	30	112	100	266	88	50	40	44	44	54	60	80
16	30	112	90	240	88	50	40	44	44	54	60	80
17	30	112	90	240	88	50	40	44	44	54	60	80
18	30	112	90	240	88	50	40	44	44	54	60	80
19	30	112	90	240	88	50	40	44	44	54	60	80
20	30	112	90	240	88	50	40	44	44	54	60	80
21	30	112	90	200	70	50	34	44	44	48	70	80
22	30	112	90	200	70	50	34	44	44	48	70	80
23	30	112	90	200	70	50	34	44	44	48	70	80
24	30	112	90	200	70	50	34	44	44	48	70	80
25	30	112	90	200	70	50	34	44	44	48	70	80
26	30	112	90	160	70	50	34	44	44	48	70	80
27	30	112	90	160	70	50	34	44	44	48	70	80
28	30	112	90	160	70	50	34	44	44	48	70	80
29	30	112	90	160	70	50	34	44	44	48	70	80
30	30	---	90	160	70	50	34	44	44	48	70	80
31	30	---	90	---	70	---	34	44	---	48	---	80
Mean	40	96	95	177	89	53	38	43	44	49	59	80
Max.	60	112	100	266	110	60	40	44	44	54	70	80
Min.	30	50	90	100	70	50	34	40	44	44	48	80
A. F.	2440	5510	5831	10572	5455	3174	2329	2626	2618	2991	3530	4913
Total Acre Feet	51,995.											
*Estimated.												

HYDROGRAPHIC REPORT—1928

661

DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR DUNLAP—1925  
Sec. 27, Twp. 29, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	53	83	80	44	43	24	67	40	15	40	56	56
2	53	83	80	44	43	24	67	40	15	40	56	56
3	53	83	80	44	43	24	67	40	15	40	56	56
4	53	83	80	44	43	24	67	40	15	40	56	56
5	53	83	80	44	43	24	67	40	15	40	56	56
6	53	83	80	44	43	24	67	40	15	40	56	56
7	53	83	80	44	43	24	67	40	15	40	56	56
8	53	83	80	44	43	24	67	40	15	40	56	56
9	53	83	80	44	43	24	67	40	15	40	56	56
10	53	83	80	44	43	24	67	40	15	40	56	56
11	53	83	80	44	43	24	67	40	15	40	56	56
12	53	83	80	44	43	24	67	40	15	40	56	56
13	53	83	80	44	43	24	67	40	15	40	56	56
14	53	83	80	44	43	24	67	40	15	40	56	56
15	53	83	80	44	43	24	67	40	15	40	56	56
16	53	83	80	44	43	24	67	40	15	40	56	56
17	53	83	80	44	43	24	67	40	15	40	56	56
18	53	83	80	44	43	24	67	40	15	40	56	56
19	53	83	80	44	43	24	67	40	15	40	56	56
20	53	83	80	44	43	24	67	40	15	40	56	56
21	53	83	80	44	43	24	67	40	15	40	56	56
22	53	83	80	44	43	24	67	40	15	40	56	56
23	53	83	80	44	43	24	67	40	15	40	56	56
24	53	83	80	44	43	24	67	40	15	40	56	56
25	53	83	80	44	43	24	67	40	15	40	56	56
26	53	83	80	44	43	24	67	40	15	40	56	56
27	53	83	80	44	43	24	67	40	15	40	56	56
28	53	83	80	44	43	24	67	40	15	40	56	56
29	53	...	80	44	43	24	67	40	15	40	56	56
30	53	...	80	44	43	24	67	40	15	40	56	56
31	53	...	80	...	43	...	67	40	...	40	...	56
Mean	53	83	80	44	43	24	67	40	15	40	56	56
Max.	53	83	80	44	43	24	67	40	15	40	56	56
Min.	53	83	80	44	43	24	67	40	15	40	56	56
A. F.	3250	4610	4919	2618	2559	1428	4120	2380	892	3013	3332	3497
Total Acre Feet	36,627.											

DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR DUNLAP—1926  
Sec. 27, Twp. 29, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	82	73	43	42	47	96	28	50	*	*
2	...	...	82	73	43	42	47	96	28	50	...	...
3	...	...	82	73	43	42	47	96	28	50	...	...
4	...	...	82	73	43	42	47	96	28	50	...	...
5	...	...	82	73	43	42	47	96	28	50	...	...
6	...	...	82	73	43	42	47	96	28	50	...	...
7	...	...	82	73	43	42	47	96	28	50	...	...
8	...	...	82	73	43	42	47	96	28	50	...	...
9	...	...	82	73	43	42	47	96	28	50	...	...
10	...	...	82	73	43	42	47	96	28	50	...	...
11	...	...	82	73	43	42	47	96	28	50	...	...
12	...	...	82	73	43	42	47	96	28	50	...	...
13	...	...	82	73	43	42	47	96	28	50	...	...
14	...	...	82	73	43	42	47	96	28	50	...	...
15	...	...	82	73	43	42	47	96	28	50	...	...
16	...	...	82	73	43	42	47	96	28	50	...	...
17	...	...	82	73	43	42	47	96	28	50	...	...
18	...	...	82	73	43	42	47	96	28	50	...	...
19	...	...	82	73	43	42	47	96	28	50	...	...
20	...	...	82	73	43	42	47	96	28	50	...	...
21	...	...	71	73	43	42	47	96	28	50	...	...
22	...	...	71	73	43	42	47	96	28	50	...	...
23	...	...	71	73	43	42	47	96	28	50	...	...
24	...	...	71	73	43	42	47	96	28	50	...	...
25	...	...	71	73	43	42	47	96	28	50	...	...
26	...	...	71	73	43	42	47	96	28	50	...	...
27	...	...	71	73	43	42	47	96	28	50	...	...
28	...	...	71	73	43	42	47	96	28	50	...	...
29	...	...	71	73	43	42	47	96	28	50	...	...
30	...	...	71	73	43	42	47	96	28	50	...	...
31	...	...	71	...	43	...	47	96	28	50	...	...
Mean	...	...	73	73	43	42	47	96	28	50	...	...
Max.	...	...	82	73	43	42	47	96	28	50	...	...
Min.	...	...	71	73	43	42	47	96	28	50	...	...
A. F.	...	...	4818	4344	2644	2499	2890	5908	1666	2975	...	...
*No Record.												

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR DUNLAP—1927  
 Sec. 27, Twp. 29, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	69	69	82	85	92	44	52	76	56	60	63	60
2	69	69	82	85	92	44	52	76	56	60	63	60
3	69	69	82	85	92	44	52	76	56	60	63	60
4	69	69	82	85	92	44	52	76	56	60	63	60
5	69	69	82	85	92	44	52	76	56	60	63	60
6	69	69	82	85	92	44	52	76	56	60	63	60
7	69	69	82	85	92	44	52	76	56	60	63	60
8	69	69	82	85	92	44	52	76	56	60	63	60
9	69	69	82	85	92	44	52	76	56	60	63	60
10	69	69	82	85	92	44	52	76	56	60	63	60
11	69	69	82	85	92	44	52	76	56	60	63	60
12	69	69	82	85	92	44	52	76	56	60	63	60
13	69	69	82	85	92	44	52	76	56	60	63	60
14	69	69	82	85	92	44	52	76	56	60	63	60
15	69	69	82	85	92	44	52	76	56	60	63	60
16	69	69	82	85	92	44	52	76	56	60	63	60
17	69	69	82	85	92	44	52	76	56	60	63	60
18	69	69	82	85	92	44	52	76	56	60	63	60
19	69	69	82	85	92	44	52	76	56	60	63	60
20	69	69	82	85	92	44	52	76	56	60	63	60
21	69	69	82	85	92	44	52	76	56	60	80	60
22	69	69	82	119	92	44	52	76	56	60	80	60
23	69	69	82	119	92	44	52	76	56	60	80	60
24	69	69	82	119	92	44	52	76	56	60	80	60
25	69	69	82	119	92	44	52	76	56	60	80	60
26	69	69	82	119	92	44	52	76	56	60	80	60
27	69	69	82	119	92	44	52	76	56	60	80	60
28	69	69	82	119	92	44	52	76	56	60	80	60
29	69	---	82	119	92	44	52	76	56	60	80	60
30	69	---	82	119	92	44	52	76	56	60	80	60
31	69	---	82	---	92	---	52	76	---	60	---	60
Mean	69	69	82	97	92	44	52	76	56	60	68	60
Max.	69	69	82	119	92	44	52	76	56	60	80	60
Min.	69	69	82	85	92	44	52	76	56	60	63	60
A. F.	4242	3832	5042	5732	5656	2618	3197	4673	3332	3689	4086	3689
Total Acre Feet	49,788.											

DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR DUNLAP—1928  
 Sec. 27, Twp. 29, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	74	83	74	66	53	40	59	33	36	44	*	*
2	74	83	74	66	53	40	59	33	36	44	---	---
3	74	83	74	66	53	40	59	33	36	44	---	---
4	74	83	74	66	53	40	59	33	36	44	---	---
5	74	83	74	66	53	40	59	33	36	44	---	---
6	74	83	74	66	53	40	59	33	36	44	---	---
7	74	83	74	66	53	40	59	33	36	44	---	---
8	74	83	74	66	53	40	59	33	36	44	---	---
9	74	83	74	66	53	40	59	33	36	44	---	---
10	74	83	74	66	53	40	59	33	36	44	---	---
11	74	83	74	66	53	40	59	33	36	44	---	---
12	74	83	74	66	53	40	59	33	36	44	---	---
13	74	83	74	66	53	40	59	33	36	44	---	---
14	74	83	74	66	53	40	59	33	36	44	---	---
15	74	83	74	66	53	40	59	33	36	44	---	---
16	74	83	74	66	53	40	59	28	36	44	---	---
17	74	83	74	66	53	40	59	28	36	44	---	---
18	74	83	74	66	53	40	59	28	36	44	---	---
19	74	83	74	66	53	40	59	28	36	44	---	---
20	74	83	74	66	53	40	59	28	36	44	---	---
21	74	83	74	66	53	40	59	28	36	44	---	---
22	74	83	74	66	53	40	59	28	36	44	---	---
23	74	83	74	66	53	40	59	28	36	44	---	---
24	74	83	74	66	53	40	59	28	36	44	---	---
25	74	83	74	66	53	40	59	28	36	44	---	---
26	74	83	74	66	53	40	59	28	36	44	---	---
27	74	83	74	66	53	40	59	28	36	44	---	---
28	74	83	74	66	53	40	59	28	36	44	---	---
29	74	83	74	66	53	40	59	28	36	44	---	---
30	74	---	74	66	53	40	59	28	36	44	---	---
31	74	---	74	---	53	---	59	28	---	44	---	---
Mean	74	83	74	66	53	40	59	30	36	44	---	---
Max.	74	83	74	66	53	40	59	33	36	44	---	---
Min.	74	83	74	66	53	40	59	28	36	44	---	---
A. F.	4550	3293	4550	3796	3259	2380	3628	1870	2142	2705	---	---
*No Record.												

HYDROGRAPHIC REPORT—1928

663

DISCHARGE IN SECOND FEET, NIOBRARA RIVER NEAR VERDEL—1928  
 Sec. 19, Twp. 33, Rge. 7 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	*	*	*	1160	*	*	*
2	---	---	---	---	---	---	---	---	950	---	---	---
3	---	---	---	---	---	---	---	---	975	---	---	---
4	---	---	---	---	---	---	---	---	1010	---	---	---
5	---	---	---	---	---	---	---	---	794	---	---	---
6	---	---	---	---	---	---	---	---	1240	---	---	---
7	---	---	---	---	---	---	---	---	1270	---	---	---
8	---	---	---	---	---	---	---	---	1300	---	---	---
9	---	---	---	---	---	---	---	---	1300	---	---	---
10	---	---	---	---	---	---	---	---	1030	---	---	---
11	---	---	---	---	---	---	---	---	1430	---	---	---
12	---	---	---	---	---	---	---	---	1140	---	---	---
13	---	---	---	---	---	---	---	---	1170	---	---	---
14	---	---	---	---	---	---	---	---	1100	---	---	---
15	---	---	---	---	---	---	---	---	1040	---	---	---
16	---	---	---	---	---	---	---	---	1190	---	---	---
17	---	---	---	---	---	---	---	---	1130	---	---	---
18	---	---	---	---	---	---	---	---	1220	---	---	---
19	---	---	---	---	---	---	---	---	1770	---	---	---
20	---	---	---	---	---	---	---	---	1850	---	---	---
21	---	---	---	---	---	---	---	780	1460	---	---	---
22	---	---	---	---	---	---	---	1190	1070	---	---	---
23	---	---	---	---	---	---	---	875	1090	---	---	---
24	---	---	---	---	---	---	---	1170	1110	---	---	---
25	---	---	---	---	---	---	---	1160	1120	---	---	---
26	---	---	---	---	---	---	---	1100	1140	---	---	---
27	---	---	---	---	---	---	---	1130	1750	---	---	---
28	---	---	---	---	---	---	---	1190	1550	---	---	---
29	---	---	---	---	---	---	---	950	1400	---	---	---
30	---	---	---	---	---	---	---	1170	1200	---	---	---
31	---	---	---	---	---	---	---	1110	---	---	---	---
Mean	---	---	---	---	---	---	---	1080	1230	---	---	---
Max.	---	---	---	---	---	---	---	1190	1850	---	---	---
Min.	---	---	---	---	---	---	---	780	794	---	---	---
A. F.	---	---	---	---	---	---	---	23600	73200	---	---	---

\*No Record.

DISCHARGE IN SECOND FEET, OTTER CREEK—1920  
 Sec. 9, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	*	15	20	22	*	*	*	*
2	---	---	---	---	---	15	20	22	---	---	---	---
3	---	---	---	---	---	15	21	22	---	---	---	---
4	---	---	---	---	---	15	21	22	---	---	---	---
5	---	---	---	---	---	15	21	22	---	---	---	---
6	---	---	---	---	---	15	21	22	---	---	---	---
7	---	---	---	---	---	15	21	22	---	---	---	---
8	---	---	---	---	---	15	21	22	---	---	---	---
9	---	---	---	---	---	15	21	22	---	---	---	---
10	---	---	---	---	---	15	22	21	---	---	---	---
11	---	---	---	---	---	15	22	21	---	---	---	---
12	---	---	---	---	---	15	22	21	---	---	---	---
13	---	---	---	---	---	16	22	20	---	---	---	---
14	---	---	---	---	26	16	22	20	---	---	---	---
15	---	---	---	---	25	17	22	20	---	---	---	---
16	---	---	---	---	25	17	22	20	---	---	---	---
17	---	---	---	---	25	18	18	21	---	---	---	---
18	---	---	---	---	24	18	15	21	---	---	---	---
19	---	---	---	---	24	18	11	21	---	---	---	---
20	---	---	---	---	24	18	12	22	---	---	---	---
21	---	---	---	---	24	18	13	22	---	---	---	---
22	---	---	---	---	24	19	14	22	---	---	---	---
23	---	---	---	---	23	19	15	22	---	---	---	---
24	---	---	---	---	22	19	16	22	---	---	---	---
25	---	---	---	---	21	19	18	23	---	---	---	---
26	---	---	---	---	20	19	19	23	---	---	---	---
27	---	---	---	---	19	20	20	23	---	---	---	---
28	---	---	---	---	18	20	21	23	---	---	---	---
29	---	---	---	---	17	20	22	23	---	---	---	---
30	---	---	---	---	16	20	22	24	---	---	---	---
31	---	---	---	---	15	---	22	24	---	---	---	---
Mean	---	---	---	---	13	17	19	22	---	---	---	---
Max.	---	---	---	---	26	20	22	24	---	---	---	---
Min.	---	---	---	---	15	15	11	20	---	---	---	---
A. F.	---	---	---	---	777	1014	1188	1299	---	---	---	---

\*No Record.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, OTTER CREEK—1922  
Sec. 9, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	25	30	34	26	20	14	20	20	16	23	22	22
2	25	30	34	25	20	14	20	20	17	23	22	22
3	25	30	34	24	20	14	20	20	18	23	22	22
4	25	30	34	24	20	14	20	20	18	23	22	22
5	25	30	34	23	20	14	20	20	19	23	22	22
6	26	31	35	23	22	13	20	20	19	23	22	22
7	26	31	35	23	22	13	20	20	19	23	22	22
8	26	31	35	22	23	13	20	20	20	23	22	22
9	26	31	35	22	24	13	20	20	20	23	22	22
10	26	31	35	22	25	13	20	20	21	23	22	22
11	27	31	36	21	26	12	21	19	21	23	22	22
12	27	31	36	21	27	12	21	19	21	23	22	22
13	27	31	36	21	28	12	21	19	22	23	22	22
14	27	31	36	21	29	12	21	19	23	23	22	22
15	27	31	36	21	30	12	21	19	23	23	22	22
16	28	32	36	20	30	12	22	18	24	23	22	22
17	28	32	36	20	29	12	22	18	24	23	22	22
18	28	32	35	20	28	12	22	18	24	23	22	22
19	28	32	34	20	27	13	22	18	24	23	22	22
20	28	32	33	20	20	14	22	18	24	23	22	22
21	28	33	33	20	25	14	22	17	24	22	22	22
22	28	33	33	20	24	15	22	17	24	22	22	22
23	28	33	32	20	20	15	22	17	24	22	22	22
24	28	33	32	20	22	16	22	17	24	22	22	22
25	28	33	31	20	21	16	22	17	24	22	22	22
26	29	34	30	20	20	17	21	16	24	22	22	22
27	29	34	30	20	19	18	21	16	24	22	22	22
28	29	34	29	20	18	18	21	16	24	22	22	22
29	29	....	28	19	17	18	21	16	24	22	22	22
30	29	....	28	19	16	19	21	16	24	22	22	22
31	30	....	27	....	15	....	21	16	....	22	....	22
Mean	27.2	31.6	33.2	21.2	23.0	14.1	21.0	18.2	21.9	22.6	22	22
Max.	30	34	36	26	30	19	22	20	24	23	22	22
Min.	25	30	27	19	15	12	20	16	16	22	22	22
A. F.	1676	1759	2046	1263	1420	841	1291	1122	1303	1302	1309	1352
Total Acre Feet	16,774.											

DISCHARGE IN SECOND FEET, OTTER CREEK—1923  
Sec. 9, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	22	25	28	19	20	22	18	25	20	20	20	20
2	22	25	28	19	20	22	18	25	20	20	20	20
3	22	25	28	19	20	22	18	25	20	20	20	20
4	22	25	28	19	20	22	18	25	20	20	20	20
5	22	25	28	19	20	22	18	25	20	20	20	20
6	22	25	27	18	20	22	17	25	23	20	20	20
7	22	25	27	18	20	22	17	25	23	20	20	20
8	22	25	27	18	20	22	17	25	23	20	20	20
9	22	25	27	18	20	22	17	25	23	20	20	20
10	22	25	27	18	20	22	17	25	23	20	20	20
11	22	25	25	18	23	21	17	20	25	25	20	20
12	22	25	25	18	23	21	17	20	25	25	20	20
13	22	25	25	18	23	21	17	20	25	25	20	20
14	22	25	25	18	23	21	17	20	25	25	20	20
15	22	25	25	18	23	21	17	20	25	25	20	20
16	22	25	24	20	23	21	21	20	25	25	20	20
17	22	25	24	20	23	21	21	20	25	25	20	20
18	22	25	24	20	23	21	21	20	25	25	20	20
19	22	25	24	20	23	21	21	20	25	25	20	20
20	22	25	24	20	23	21	21	20	25	25	20	20
21	22	25	22	20	23	20	24	20	23	22	20	20
22	22	25	22	20	23	20	24	20	23	22	20	20
23	22	25	22	20	23	20	24	20	23	22	20	20
24	22	25	22	20	23	20	24	20	23	22	20	20
25	22	25	22	20	23	20	24	20	23	22	20	20
26	22	25	21	20	22	20	24	19	21	22	20	20
27	22	25	21	20	22	20	24	19	21	22	20	20
28	22	25	20	20	22	20	24	19	21	22	20	20
29	22	....	19	20	22	20	24	19	21	22	20	20
30	22	....	19	20	22	20	24	19	21	22	20	20
31	22	....	19	....	22	....	24	19	....	22	....	20
Mean	22	25	24.1	24.1	21.5	21	25.1	23	24.5	22.3	20	20
Max.	22	25	28	20	23	22	24	25	25	25	20	20
Min.	22	25	19	18	20	20	17	19	20	20	20	20
A. F.	1352	1388	1486	1438	1342	1250	1545	1416	1458	1378	1190	1230
Total Acre Feet	16,473.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, OTTER CREEK—1924  
Sec. 9, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	21	21	25	27	21	22	12	1	8	22	25	25
2	21	21	25	27	21	22	11	1	9	23	25	25
3	21	21	26	27	21	22	10	1	9	23	25	25
4	21	21	26	26	21	22	9	1	10	24	25	25
5	21	21	26	26	21	22	9	2	10	25	25	25
6	21	21	26	25	21	22	8	2	10	25	25	25
7	21	21	26	25	21	22	7	2	11	25	25	25
8	21	21	26	24	21	22	7	2	11	25	25	25
9	21	21	26	24	21	22	6	2	12	25	25	25
10	21	21	26	24	21	22	6	2	12	25	25	25
11	21	22	26	24	21	23	5	2	12	25	27	25
12	21	22	26	24	21	23	4	2	14	25	27	25
13	21	22	26	23	21	23	3	3	14	25	27	25
14	21	22	26	23	21	23	3	3	15	25	27	25
15	21	22	26	23	21	23	2	3	15	25	27	25
16	21	23	26	23	21	22	2	4	15	24	27	25
17	21	23	26	22	21	21	2	5	16	25	27	25
18	21	23	26	22	21	20	2	7	16	24	27	25
19	21	23	26	21	21	19	2	9	17	24	27	25
20	21	23	26	21	21	18	2	10	17	24	27	25
21	21	23	26	21	21	18	2	12	17	24	25	25
22	21	23	26	21	21	17	2	14	17	24	26	25
23	21	24	26	21	21	16	2	16	18	24	26	25
24	21	24	26	21	21	16	2	17	18	24	26	25
25	21	24	26	21	21	15	2	19	19	24	26	25
26	21	24	27	21	21	15	2	18	20	24	26	25
27	21	24	27	21	21	14	2	16	21	24	26	25
28	21	25	27	21	22	13	2	14	21	24	26	25
29	21	25	27	21	22	12	1	12	22	24	26	25
30	21	.....	27	21	22	12	1	10	22	24	26	25
31	21	.....	27	.....	22	.....	1	8	.....	24	.....	25
Mean	21	22	26	24	21	19	4	7	15	24	26	25
Max.	21	25	27	27	22	22	12	19	22	25	27	25
Min.	21	21	25	21	21	12	1	1	8	22	25	25
A. F.	1291	1291	1607	1418	1299	1156	260	436	889	1489	1547	1537
Total Acre Feet	14,220.											

DISCHARGE IN SECOND FEET, OTTER CREEK—1925  
Sec. 9, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	25	30	25	28	25	2	26	24	25	29	24	25
2	25	30	25	28	25	2	26	24	25	29	24	25
3	25	30	25	28	25	2	26	24	25	29	24	25
4	25	30	25	28	25	2	26	24	25	29	24	25
5	25	30	25	28	25	2	26	24	25	29	24	25
6	25	30	25	28	25	2	26	24	25	29	24	25
7	25	30	25	28	25	2	26	24	25	29	24	25
8	25	30	25	28	25	2	26	24	25	29	24	25
9	25	30	25	28	25	2	26	24	25	29	24	25
10	25	30	25	28	25	2	26	24	25	29	24	25
11	25	30	25	28	19	24	22	22	30	29	24	25
12	25	30	25	28	19	24	22	22	30	29	24	25
13	25	30	25	28	19	24	22	22	30	29	24	25
14	25	30	25	28	19	24	22	22	30	29	24	25
15	25	30	25	28	19	24	22	22	30	29	24	25
16	25	30	25	28	19	24	15	22	30	29	24	25
17	25	30	25	28	19	24	15	22	30	29	24	25
18	25	30	25	28	19	24	15	22	30	29	24	25
19	25	30	25	28	19	24	15	22	30	29	24	25
20	25	30	25	28	19	24	15	22	30	29	24	25
21	25	30	25	29	10	19	15	25	27	29	24	25
22	25	30	25	29	10	19	15	25	27	29	24	25
23	25	30	25	29	10	19	15	25	27	29	24	25
24	25	30	25	29	10	19	15	25	27	29	24	25
25	25	30	25	29	10	19	15	25	27	29	24	25
26	25	30	25	29	10	19	15	25	27	29	24	25
27	25	30	25	29	10	19	15	25	27	29	24	25
28	25	30	25	29	10	19	15	25	27	29	24	25
29	25	.....	25	29	10	19	15	25	27	29	24	25
30	25	.....	25	29	10	19	15	25	27	29	24	25
31	25	.....	25	.....	10	.....	15	25	.....	29	.....	25
Mean	25	30	25	28	18	15	20	24	26	29	24	25
Max.	25	30	25	29	25	24	26	25	30	29	24	25
Min.	25	30	25	28	10	2	15	22	25	29	24	25
A. F.	1537	1666	1537	1686	1000	892	1209	1457	1626	1783	1428	1537
Total Acre Feet	17,448.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, OTTER CREEK—1926  
Sec. 9, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	25	28	26	23	27	0.8	0.0	0.4	26	26	26	26
2	25	28	26	23	27	.8	.0	.4	26	26	26	26
3	25	28	26	23	27	.8	.0	.4	26	26	26	26
4	25	28	26	23	27	.8	.0	.4	26	26	26	26
5	25	28	26	23	27	.8	.0	.4	26	26	26	26
6	25	28	26	23	27	.8	.0	.4	26	26	26	26
7	25	28	26	23	27	.8	.0	.4	26	26	26	26
8	25	28	26	23	27	.8	.0	.4	26	26	26	26
9	25	28	26	23	27	.8	.0	.4	26	26	26	26
10	25	28	26	23	27	.8	.0	.4	26	26	26	26
11	25	28	26	23	27	.8	.0	.4	26	26	26	26
12	25	28	26	23	27	.8	.0	.4	26	26	26	26
13	25	28	26	23	27	.8	.0	.4	26	26	26	26
14	25	28	26	23	27	.8	.0	.4	26	26	26	26
15	25	28	26	23	27	.8	.0	.4	26	26	26	26
16	25	28	26	23	27	.8	.0	22.0	26	26	26	26
17	25	28	26	23	27	.8	.0	22.0	26	26	26	26
18	25	28	26	23	27	.8	.0	22.0	26	26	26	26
19	25	28	26	23	27	.8	.0	22.0	26	26	26	26
20	25	28	26	23	27	.8	.0	22.0	26	26	26	26
21	25	28	26	23	27	.0	.0	22.0	24	26	26	26
22	25	28	26	23	27	.0	.0	22.0	24	26	26	26
23	25	28	26	23	27	.0	.0	22.0	24	26	26	26
24	25	28	26	23	27	.0	.0	22.0	24	26	26	26
25	25	28	26	23	27	.0	.0	22.0	24	26	26	26
26	25	28	26	23	27	.0	.0	22.0	24	26	26	26
27	25	28	26	23	27	.0	.0	22.0	24	26	26	26
28	25	28	26	23	27	.0	.0	22.0	24	26	26	26
29	25	.....	26	23	27	.0	.0	22.0	24	26	26	26
30	25	.....	26	23	27	.0	.0	22.0	24	26	26	26
31	25	.....	26	.....	27	.....	.....	22.0	.....	26	.....	26
Mean	25	28	26	23	27	0.5	0.0	11.0	25	26	26	26
Max.	25	28	26	23	27	.8	.0	22.0	26	26	26	26
Min.	25	28	26	23	27	.0	.0	.4	24	26	26	26
A. F.	1537	1555	1599	1428	1660	31	0	710	1507	1599	1547	1599
Total Acre Feet	14,772.											

DISCHARGE IN SECOND FEET, OTTER CREEK—1927  
Sec. 9, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14	14	10	21	5	32	0.7	27.0	2.4	29	28	29
2	14	14	10	21	5	32	.7	27.0	2.4	29	28	29
3	14	14	10	21	5	32	.7	27.0	2.4	29	28	29
4	14	14	10	21	5	32	.7	27.0	2.4	29	28	29
5	14	14	10	21	5	32	.7	27.0	2.4	29	28	29
6	14	14	10	21	5	32	.7	27.0	2.4	29	28	29
7	14	14	10	21	5	32	.7	27.0	2.4	29	28	29
8	14	14	10	21	5	32	.7	27.0	2.4	29	28	29
9	14	14	10	21	5	32	.7	27.0	2.4	29	28	29
10	14	14	10	21	5	32	.7	27.0	2.4	29	28	29
11	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
12	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
13	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
14	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
15	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
16	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
17	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
18	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
19	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
20	14	14	10	32	5	32	.7	2.4	27.0	25	28	29
21	14	14	5	32	28	10	.7	2.4	27.0	28	24	29
22	14	14	5	32	28	10	.7	2.4	27.0	28	24	29
23	14	14	5	32	28	10	.7	2.4	27.0	28	24	29
24	14	14	5	32	28	10	.7	2.4	27.0	28	24	29
25	14	14	5	32	28	10	.7	2.4	27.0	28	24	29
26	14	14	5	32	28	10	.7	2.4	27.0	28	24	29
27	14	14	5	32	28	10	.7	2.4	27.0	28	24	29
28	14	14	5	32	28	10	.7	2.4	27.0	28	24	29
29	14	.....	5	32	28	10	.7	2.4	27.0	28	24	29
30	14	.....	5	32	28	10	.7	2.4	27.0	28	24	29
31	14	.....	5	.....	28	.....	.7	2.4	.....	28	.....	29
Mean	14	14	8	28	13	24	0.7	10.0	19.0	27	26	29
Max.	14	14	10	32	28	32	.7	27.0	27.0	29	28	29
Min.	14	14	5	21	5	10	.7	2.4	2.4	25	24	29
A. F.	861	777	508	1686	809	1468	44	635	1119	1682	1586	1783
Total Acre Feet	12,956.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, OTTER CREEK—1928

Sec. 9, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30	30	35	23	23	24	28	26	21	20	28	29
2	30	30	35	23	23	24	28	26	21	20	28	29
3	30	30	35	23	23	24	28	26	21	20	28	29
4	30	30	35	23	23	24	28	26	21	20	28	29
5	30	30	35	23	23	24	28	26	21	20	28	29
6	30	30	35	23	23	24	28	26	21	20	27	29
7	30	30	35	23	23	24	28	26	21	20	27	29
8	30	30	35	23	23	24	28	26	21	20	27	29
9	30	30	35	23	23	24	28	26	21	20	27	29
10	30	30	35	23	23	24	28	26	21	20	27	29
11	30	30	35	23	23	24	28	26	21	20	27	29
12	30	30	35	23	23	24	28	26	21	20	27	29
13	30	30	35	23	23	24	28	26	21	20	27	29
14	30	30	35	23	23	24	28	26	21	20	27	29
15	30	30	35	23	23	24	28	26	21	20	27	29
16	27	32	30	23	18	26	28	26	9	20	31	25
17	27	32	30	23	18	26	28	26	9	20	31	25
18	27	32	30	23	18	26	28	26	9	20	31	25
19	27	32	30	23	18	26	28	26	9	20	31	25
20	27	32	30	23	18	26	28	26	9	20	31	25
21	27	32	30	23	18	26	31	25	9	20	31	25
22	27	32	30	23	18	26	31	25	9	20	31	25
23	27	32	30	23	18	26	31	25	9	20	31	25
24	27	32	30	23	18	26	31	25	9	20	31	25
25	27	32	30	23	18	26	31	25	9	20	31	25
26	27	32	30	23	18	26	31	25	9	20	31	25
27	27	32	30	23	18	26	31	25	9	20	31	25
28	27	32	30	23	18	26	31	25	9	20	31	25
29	27	32	30	23	18	26	31	25	9	20	31	25
30	27	.....	30	23	18	26	31	25	9	20	31	25
31	27	.....	30	.....	18	.....	31	25	.....	20	.....	25
Mean	28	31	32	23	20	25	29	26	15	20	29	27
Max.	30	32	35	23	23	26	31	26	21	20	31	29
Min.	27	30	30	23	18	24	28	25	9	20	27	25
A. F.	1749	1781	1983	1368	1255	1436	1787	1319	892	1230	1735	1656
Total Acre Feet	18,201.											

## DISCHARGE IN SECOND FEET, PAWNEE CREEK—1923

Sec. 4, Twp. 12, Rge. 27 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6.0	7.0	8.0	8.0	10.0	15.0	5.0	12.0	8.0	7.0	10.0	9.0
2	6.0	7.0	8.0	8.0	10.0	15.0	5.0	12.0	8.0	7.0	10.0	9.0
3	6.0	7.0	8.0	8.0	10.0	15.0	5.0	12.0	8.0	7.0	10.0	9.0
4	6.0	7.0	8.0	8.0	10.0	15.0	5.0	12.0	8.0	7.0	10.0	9.0
5	6.0	7.0	8.0	8.0	10.0	15.0	5.0	12.0	8.0	7.0	10.0	9.0
6	6.0	7.0	8.0	8.0	10.0	15.0	5.0	15.0	8.0	7.0	9.0	9.0
7	6.0	7.0	8.0	8.0	10.0	15.0	5.0	20.0	8.0	7.0	9.0	9.0
8	6.0	7.0	8.0	8.0	10.0	15.0	5.0	25.0	8.0	7.0	9.0	9.0
9	6.0	7.0	8.0	8.0	10.0	15.0	5.0	30.0	8.0	7.0	9.0	9.0
10	6.0	7.0	8.0	8.0	10.0	15.0	5.0	30.0	8.0	7.0	9.0	9.0
11	6.0	8.0	9.0	6.0	20.0	10.0	8.0	30.0	9.0	6.0	9.0	9.0
12	6.0	8.0	9.0	6.0	20.0	10.0	8.0	30.0	9.0	6.0	9.0	9.0
13	6.0	8.0	9.0	6.0	20.0	10.0	8.0	30.0	9.0	6.0	9.0	9.0
14	6.0	8.0	9.0	6.0	20.0	10.0	8.0	30.0	9.0	6.0	9.0	9.0
15	6.0	8.0	9.0	6.0	20.0	10.0	8.0	30.0	9.0	6.0	9.0	9.0
16	6.0	8.0	9.0	6.0	20.0	10.0	8.0	25.0	9.0	6.0	9.0	9.0
17	6.0	8.0	9.0	6.0	20.0	10.0	8.0	25.0	9.0	6.0	9.0	9.0
18	6.0	8.0	9.0	6.0	20.0	10.0	8.0	25.0	9.0	6.0	9.0	9.0
19	6.0	8.0	9.0	6.0	20.0	10.0	8.0	25.0	9.0	6.0	9.0	9.0
20	6.0	8.0	9.0	6.0	20.0	10.0	8.0	25.0	9.0	6.0	9.0	9.0
21	6.0	8.0	10.0	6.0	15.0	8.0	10.0	20.0	8.0	10.0	8.0	9.0
22	6.0	8.0	10.0	6.0	15.0	8.0	10.0	20.0	8.0	10.0	8.0	9.0
23	6.0	8.0	10.0	6.0	15.0	8.0	10.0	20.0	8.0	10.0	8.0	9.0
24	6.0	8.0	10.0	6.0	15.0	8.0	10.0	20.0	8.0	10.0	8.0	9.0
25	6.0	8.0	10.0	6.0	15.0	8.0	10.0	20.0	8.0	10.0	8.0	9.0
26	6.0	8.0	10.0	6.0	15.0	8.0	12.0	10.0	8.0	10.0	8.0	9.0
27	6.0	8.0	10.0	6.0	15.0	8.0	12.0	10.0	8.0	10.0	8.0	9.0
28	6.0	8.0	10.0	6.0	15.0	8.0	12.0	10.0	8.0	10.0	8.0	9.0
29	6.0	.....	10.0	6.0	15.0	8.0	12.0	10.0	8.0	10.0	8.0	9.0
30	6.0	.....	10.0	6.0	15.0	8.0	12.0	10.0	8.0	10.0	8.0	9.0
31	6.0	.....	10.0	.....	15.0	.....	12.0	9.0	.....	10.0	.....	9.0
Mean	6.0	7.6	9.0	6.6	15.0	11.0	7.1	21.4	8.3	7.7	8.8	9.0
Max.	6.0	8.0	10.0	8.0	20.0	15.0	12.0	20.0	9.0	10.0	10.0	9.0
Min.	6.0	7.0	8.0	6.0	10.0	8.0	5.0	9.0	8.0	6.0	8.0	9.0
A. F.	369	424	555	397	922	654	501	1318	497	477	527	554
Total Acre Feet	7,195.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PAWNEE CREEK—1924  
Sec. 4, Twp. 12, Rge. 27 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	9	14	20	14	3	4	2	4	5	8	9
2	9	9	14	20	14	3	4	2	4	5	8	9
3	9	9	14	20	14	3	4	2	4	5	8	9
4	9	9	14	20	14	3	4	2	4	5	8	9
5	9	9	14	20	14	3	4	2	4	5	8	9
6	9	9	14	20	11	4	4	1	4	5	8	9
7	9	9	14	20	11	4	4	1	4	5	8	9
8	9	9	14	20	11	4	4	1	4	5	8	9
9	9	9	14	20	11	4	4	1	4	5	8	9
10	9	9	14	20	11	4	4	1	4	5	8	9
11	9	10	17	20	8	5	3	0	4	6	8	9
12	9	10	17	20	8	5	3	0	4	6	8	9
13	9	10	17	20	8	5	3	0	4	6	8	9
14	9	10	17	20	8	5	3	0	4	6	8	9
15	9	10	17	20	8	5	3	0	4	6	8	9
16	9	11	17	20	5	6	2	0	4	6	8	9
17	9	11	17	20	5	6	2	0	4	6	8	9
18	9	11	17	20	5	6	2	0	4	6	8	9
19	9	11	17	20	5	6	2	0	4	6	8	9
20	9	11	17	20	5	6	2	0	4	6	8	9
21	9	12	19	20	4	5	3	0	5	7	8	9
22	9	12	19	20	4	5	3	0	5	7	8	9
23	9	12	19	20	3	5	3	0	5	7	8	9
24	9	12	19	20	2	5	3	0	5	7	8	9
25	9	12	19	20	2	5	3	0	5	7	8	9
26	9	13	20	18	2	5	2	5	5	7	8	9
27	9	13	20	18	2	5	2	5	5	7	8	9
28	9	13	20	18	2	5	2	5	5	7	8	9
29	9	13	20	18	3	5	2	5	5	7	8	9
30	9	.....	20	18	3	5	2	5	5	7	8	9
31	9	.....	20	.....	3	.....	2	5	.....	7	.....	9
Mean	9	11	17	.....	7	.....	3	1	4	6	.....	9
Max.	9	13	20	20	14	6	4	5	5	7	8	9
Min.	9	9	14	18	2	3	2	0	4	5	8	9
A. F.	553	608	1041	1170	436	277	182	89	258	370	476	553
Total Acre Feet	6,013.											

DISCHARGE IN SECOND FEET, PAWNEE CREEK—1925  
Sec. 4, Twp. 12, Rge. 27 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
2	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
3	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
4	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
5	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
6	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
7	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
8	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
9	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
10	10.0	10.0	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
11	10.0	21.4	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
12	10.0	21.4	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
13	10.0	21.4	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
14	10.0	21.4	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
15	10.0	21.4	12.7	15.9	12.0	5.4	4.7	3.4	6.9	6.5	6.6	9.0
16	10.0	10.0	12.7	15.9	20.3	5.4	4.7	3.4	6.9	6.5	6.6	9.0
17	10.0	10.0	12.7	15.9	20.3	5.4	4.7	3.4	6.9	6.5	6.6	9.0
18	10.0	10.0	12.7	15.9	20.3	5.4	4.7	3.4	6.9	6.5	6.6	9.0
19	10.0	10.0	12.7	15.9	20.3	5.4	4.7	3.4	6.9	6.5	6.6	9.0
20	10.0	10.0	12.7	15.9	20.3	5.4	4.7	3.4	6.9	6.5	6.6	9.0
21	10.0	10.0	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
22	10.0	10.0	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
23	10.0	10.0	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
24	10.0	10.0	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
25	10.0	10.0	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
26	10.0	10.0	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
27	10.0	10.0	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
28	10.0	10.0	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
29	10.0	.....	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
30	10.0	.....	12.7	13.0	10.0	5.1	4.7	6.1	6.9	6.5	6.6	9.0
31	10.0	.....	12.7	.....	10.0	.....	4.7	6.1	.....	6.5	.....	9.0
Mean	10.0	11.2	12.7	15.3	12.3	5.3	4.7	4.5	6.9	6.5	6.6	9.0
Max.	10.0	21.4	12.7	15.9	20.3	5.4	4.7	6.1	6.9	6.5	6.6	9.0
Min.	10.0	10.0	12.7	13.0	10.0	5.1	4.7	3.4	6.9	6.5	6.6	9.0
A. F.	615	668	736	914	756	315	289	268	410	399	393	553
Total Acre Feet	6,336.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, PAWNEE CREEK—1926 Sec. 4, Twp. 12, Rge. 27 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	16	11	9	4	2	6	1	8	6	8	10
2	10	16	11	9	4	2	6	1	8	6	8	10
3	10	16	11	9	4	2	6	1	8	6	8	10
4	10	16	11	9	4	2	6	1	8	6	8	10
5	10	16	11	9	4	2	6	1	8	6	8	10
6	10	16	11	9	4	2	6	1	8	6	8	10
7	10	16	11	9	4	2	6	1	8	6	8	10
8	10	16	11	9	4	2	6	1	8	6	8	10
9	10	16	11	9	4	2	6	1	8	6	8	10
10	10	16	11	9	4	2	6	1	8	6	8	10
11	10	16	11	9	4	2	6	1	8	6	8	10
12	10	16	11	9	4	2	6	1	8	6	8	10
13	10	16	11	9	4	2	6	1	8	6	8	10
14	10	16	11	9	4	2	6	1	8	6	8	10
15	10	16	11	9	4	2	6	1	8	6	8	10
16	10	16	11	9	4	2	6	6	8	6	8	10
17	10	16	11	9	4	2	6	6	8	6	8	10
18	10	16	11	9	4	2	6	6	8	6	8	10
19	10	16	11	9	4	2	6	6	8	6	8	10
20	10	16	11	9	4	2	6	6	8	6	8	10
21	10	16	11	7	4	6	6	6	8	6	8	10
22	10	16	11	7	4	6	6	6	8	6	8	10
23	10	16	11	7	4	6	6	6	8	6	8	10
24	10	16	11	7	4	6	6	6	8	6	8	10
25	10	16	11	7	4	6	6	6	8	6	8	10
26	10	16	11	7	4	6	6	6	8	6	8	10
27	10	16	11	7	4	6	6	6	8	6	8	10
28	10	16	11	7	4	6	6	6	8	6	8	10
29	10	....	11	7	4	6	6	6	8	6	8	10
30	10	....	11	7	4	6	6	6	8	6	8	10
31	10	....	11	....	4	....	6	6	....	6	....	10
Mean	10	16	11	8	4	3	6	4	8	6	8	10
Max.	10	16	11	9	4	6	6	6	8	6	8	10
Min.	10	16	11	7	4	2	6	1	8	6	8	10
A. F.	615	690	676	496	246	198	190	220	476	190	476	615
Total Acre Feet	5,088.											

## DISCHARGE IN SECOND FEET, PAWNEE CREEK—1927 Sec. 4, Twp. 12, Rge. 27 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	10	16	11	15	6	6	7	6	9	7	10
2	8	10	16	11	15	6	6	7	6	9	7	10
3	8	10	16	11	15	6	6	7	6	9	7	10
4	8	10	16	11	15	6	6	7	6	9	7	10
5	8	10	16	11	15	6	6	7	6	9	7	10
6	8	10	16	11	15	6	6	7	6	9	7	10
7	8	10	16	11	15	6	6	7	6	9	7	10
8	8	10	16	11	15	6	6	7	6	9	7	10
9	8	10	16	11	15	6	6	7	6	9	7	10
10	8	10	16	11	15	6	6	7	6	9	7	10
11	8	10	16	11	15	6	4	8	6	8	7	7
12	8	10	16	11	15	6	4	8	6	8	7	7
13	8	10	16	11	15	6	4	8	6	8	7	7
14	8	10	16	11	15	6	4	8	6	8	7	7
15	8	10	16	11	15	6	4	8	6	8	7	7
16	8	10	16	25	7	6	4	8	6	8	7	7
17	8	10	16	25	7	6	4	8	6	8	7	7
18	8	10	16	25	7	6	4	8	6	8	7	7
19	8	10	16	25	7	6	4	8	6	8	7	7
20	8	10	16	25	7	6	4	8	6	8	7	7
21	8	10	16	25	7	6	4	8	6	10	7	7
22	8	10	16	25	7	6	4	8	6	10	7	7
23	8	10	16	25	7	6	4	8	6	10	7	7
24	8	10	16	25	7	6	4	8	6	10	7	7
25	8	10	16	25	7	6	4	8	6	10	7	7
26	8	10	16	25	7	6	4	8	6	10	7	7
27	8	10	16	25	7	6	4	8	6	10	7	7
28	8	10	16	25	7	6	4	8	6	10	7	7
29	8	....	16	25	7	6	4	8	6	10	7	7
30	8	....	16	25	7	6	4	8	6	10	7	7
31	8	....	16	....	7	....	4	8	....	10	....	7
Mean	8	10	16	18	10	6	5	8	6	9	7	8
Max.	8	10	16	25	15	6	6	8	6	10	7	10
Min.	8	10	16	11	7	6	4	7	6	8	7	7
A. F.	492	555	984	1071	589	357	286	432	357	555	416	489
Total Acre Feet	6,583.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PAWNEE CREEK—1928  
Sec. 4, Twp. 12, Rge. 27 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11	14	18	5	8	10	6	8	2	8	10	12
2	11	14	18	5	8	10	6	8	2	8	10	12
3	11	14	18	5	8	10	6	8	2	8	10	12
4	11	14	18	5	8	10	6	8	2	8	10	12
5	11	14	18	5	8	10	6	8	2	8	10	12
6	11	14	18	5	8	10	6	8	2	8	10	12
7	11	14	18	5	8	10	6	8	2	8	10	12
8	11	14	18	5	8	10	6	8	2	8	10	12
9	11	14	18	5	8	10	6	8	2	8	10	12
10	11	14	18	5	8	10	6	8	2	8	10	12
11	11	14	18	5	8	10	6	8	2	8	10	12
12	11	14	18	5	8	10	6	8	2	8	10	12
13	11	14	18	5	8	10	6	8	2	8	10	12
14	11	14	18	5	8	10	6	8	2	8	10	12
15	11	14	18	5	8	10	6	8	2	8	10	12
16	11	7	13	5	8	9	6	8	2	8	17	25
17	11	7	13	5	8	9	6	8	2	8	17	25
18	11	7	13	5	8	9	6	8	2	8	17	25
19	11	7	13	5	8	9	6	8	2	8	17	25
20	11	7	13	5	8	9	6	8	2	8	17	25
21	11	7	13	5	8	9	6	1	2	8	17	25
22	11	7	13	5	8	9	6	1	2	8	17	25
23	11	7	13	5	8	9	6	1	2	8	17	25
24	11	7	13	5	8	9	6	1	2	8	17	25
25	11	7	13	5	8	9	6	1	2	8	17	25
26	11	7	13	5	8	9	6	1	2	8	17	25
27	11	7	13	5	8	9	6	1	2	8	17	25
28	11	7	13	5	8	9	6	1	2	8	17	25
29	11	7	13	5	8	9	6	1	2	8	17	25
30	11	.....	13	5	8	9	6	1	2	8	17	25
31	11	.....	13	.....	8	.....	6	1	.....	8	.....	25
Mean	11	11	15	5	8	9	6	5	2	8	14	19
Max.	11	14	18	5	8	10	6	8	2	8	17	25
Min.	11	7	13	5	8	9	6	1	2	8	10	12
A. F.	676	610	948	297	492	575	369	339	119	492	803	1150
Total Acre Feet 6,870.												

DISCHARGE IN SECOND FEET, PULLEN DRAIN, TORRINGTON, WYOMING—1927

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.0	0.0	1.2	1.5	1.6	2.1	*	*	*	*	*	*
2	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
3	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
4	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
5	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
6	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
7	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
8	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
9	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
10	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
11	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
12	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
13	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
14	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
15	.0	.9	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
16	.0	.6	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
17	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
18	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
19	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
20	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
21	.0	.0	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
22	.0	.0	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
23	.0	.0	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
24	.0	.0	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
25	.0	.0	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
26	.0	.0	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
27	.0	.0	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
28	.0	.0	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
29	.0	.....	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
30	.0	.....	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
31	.0	.....	1.2	.....	.8	.....	.....	.....	.....	.....	.....	.....
Mean	0.0	0.0	1.2	1.5	1.3	2.1	.....	.....	.....	.....	.....	.....
Max.	.0	.0	1.2	1.5	1.6	2.1	.....	.....	.....	.....	.....	.....
Min.	.0	.0	1.2	1.5	.8	2.1	.....	.....	.....	.....	.....	.....
A. F.	0	0	73	89	81	125	.....	.....	.....	.....	.....	.....
*No Record.												

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK AT MOUTH—1922 Sec. 12, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	49	57	65	52	57	26	12	27	23	22	28	41
2	49	57	65	51	60	24	12	26	23	22	29	39
3	49	57	65	51	62	22	13	24	24	21	30	37
4	49	57	66	50	65	21	14	23	25	21	30	36
5	49	58	65	50	68	20	15	22	26	21	31	34
6	49	58	65	49	70	19	16	21	26	20	31	33
7	49	58	64	49	72	18	17	20	27	20	32	32
8	49	58	64	48	74	17	19	19	28	20	33	30
9	50	59	63	47	76	16	20	18	29	19	33	29
10	50	59	63	47	78	15	22	17	24	19	34	30
11	50	59	62	47	80	15	25	16	30	19	35	32
12	51	59	62	47	83	14	27	15	31	19	35	34
13	51	59	61	46	85	13	25	14	31	19	36	35
14	51	60	61	46	83	13	22	13	32	19	36	37
15	52	60	60	46	80	12	19	11	33	19	37	38
16	52	61	60	45	78	11	16	10	30	19	38	40
17	53	61	59	45	76	11	13	12	25	19	38	41
18	53	61	59	45	74	10	15	12	25	20	39	42
19	53	62	58	46	72	10	17	13	24	20	39	43
20	53	62	58	47	68	9	19	14	24	21	40	46
21	54	62	58	48	64	9	21	15	24	21	40	47
22	54	62	57	49	59	9	23	15	24	22	41	49
23	54	63	57	50	55	9	25	16	24	23	42	51
24	54	63	56	51	51	9	27	17	23	23	42	53
25	54	63	55	52	47	9	29	18	23	24	43	55
26	55	64	56	53	43	10	30	19	23	25	44	57
27	55	64	54	54	40	10	29	19	23	25	44	59
28	55	65	54	55	35	10	29	20	23	26	45	61
29	56	....	53	56	32	10	29	20	22	27	44	63
30	56	....	52	57	30	11	28	21	22	27	42	65
31	56	....	52	....	28	....	28	22	....	27	....	63
Mean	52	60	60	48	63	14	21	18	26	22	37	44
Max.	56	65	66	57	85	26	30	27	33	28	45	63
Min.	49	57	52	45	28	9	12	10	22	19	28	29
A. F.	3201	2348	3662	2923	3858	817	1301	1085	1539	1329	2203	2677
Total Acre Feet	27,953.											

## DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK AT MOUTH—1923 Sec. 12, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	48	43	36	41	47	42	16	26	48	35	42	42
2	48	42	35	41	46	46	17	26	46	36	42	42
3	48	43	35	41	46	50	17	25	44	37	42	42
4	48	44	34	41	45	54	17	24	43	38	42	42
5	48	45	34	41	44	58	18	24	42	39	42	42
6	48	46	34	41	44	62	18	23	41	40	42	42
7	48	47	35	41	43	65	18	23	40	41	42	42
8	48	48	35	41	42	69	19	22	38	42	42	42
9	48	49	36	41	41	72	19	21	36	43	42	42
10	48	51	36	41	41	76	19	20	35	43	42	42
11	48	52	37	39	40	80	20	20	34	43	42	42
12	48	53	37	38	39	83	20	25	33	43	42	42
13	48	54	37	38	39	80	20	30	33	43	42	42
14	48	51	38	37	38	75	21	35	33	43	42	42
15	48	48	38	37	37	70	21	40	33	43	42	42
16	48	45	38	36	45	65	21	45	33	43	42	42
17	49	42	39	36	49	60	22	50	33	43	42	42
18	50	42	39	35	53	55	22	55	32	43	42	42
19	51	41	39	35	55	51	22	60	32	43	42	42
20	52	41	39	34	58	47	22	65	32	43	42	42
21	52	40	39	35	62	42	23	64	31	43	42	42
22	51	40	39	36	65	37	23	62	31	43	42	42
23	51	39	39	37	68	33	23	61	31	42	42	42
24	50	39	39	38	70	29	23	59	31	43	42	42
25	50	38	39	40	67	24	24	57	31	43	42	42
26	49	38	40	41	63	20	24	56	32	43	42	42
27	49	37	40	42	59	15	24	54	33	43	42	42
28	48	37	40	43	55	15	25	53	33	43	42	42
29	47	....	40	44	52	16	25	52	34	43	42	42
30	46	....	40	46	48	16	25	50	35	43	42	42
31	44	....	40	....	45	....	26	49	....	43	....	42
Mean	48.6	44.1	37.6	42.5	49.8	50.2	21.1	41.1	35.4	41.8	42	42
Max.	51	54	40	46	70	83	26	65	48	43	42	42
Min.	44	37	34	34	37	15	16	20	31	35	42	42
A. F.	2989	2440	2312	2334	3066	2989	1297	2521	2108	2572	2409	2582
Total Acre Feet	29,728.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK AT MOUTH—1924  
Sec. 12, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	51	51	54	61	45	36	30	24	26	28	30	57
2	51	51	54	61	44	38	29	24	27	28	30	57
3	51	51	54	61	44	36	29	23	28	28	30	57
4	51	51	54	61	43	36	29	23	30	28	30	57
5	51	51	54	61	42	36	29	22	32	28	30	57
6	51	51	55	60	41	35	28	22	33	28	30	57
7	51	51	55	60	41	35	28	21	34	28	30	57
8	51	51	55	59	41	35	28	21	36	28	30	57
9	51	51	55	58	41	35	28	21	37	28	30	57
10	51	51	55	58	41	35	28	20	38	28	30	57
11	51	51	56	57	40	34	28	19	40	29	44	57
12	51	51	56	56	40	34	28	18	40	28	44	57
13	51	51	57	55	40	33	28	18	39	28	44	57
14	51	51	58	55	40	33	28	17	36	28	44	57
15	51	51	58	54	40	33	28	17	37	26	44	57
16	51	52	59	54	39	31	28	16	37	32	44	57
17	51	52	59	53	39	31	28	16	36	32	44	57
18	51	52	59	52	39	31	28	15	36	32	44	57
19	51	52	59	51	39	31	28	14	35	32	44	57
20	51	52	59	51	39	31	28	14	34	32	44	57
21	51	52	60	50	38	31	28	14	34	32	48	57
22	51	52	61	50	38	31	28	15	33	32	48	57
23	51	52	61	49	38	31	28	16	32	32	48	57
24	51	52	62	49	38	31	28	17	32	32	48	57
25	51	53	62	48	38	31	28	18	31	32	48	57
26	51	53	61	47	37	30	27	20	30	32	48	57
27	51	53	61	47	37	30	26	21	30	32	48	57
28	51	53	61	46	37	30	26	22	29	32	48	57
29	51	53	61	46	37	30	25	23	29	32	48	57
30	51	....	61	46	37	30	25	24	28	32	48	57
31	51	....	61	....	36	....	25	25	....	32	....	57
Mean	51	51	56	54	41	33	28	20	33	29	43	67
Max.	51	53	62	61	45	36	30	25	40	32	48	57
Min.	51	51	54	46	36	30	25	14	26	28	30	67
A. F.	3136	2971	3565	3295	2438	1948	1706	1190	1985	1848	2548	3505
Total Acre Feet	30,045.											

DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK AT MOUTH—1925  
Sec. 12, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	48	66	53	50	14	18	20	25	22	25	36	23
2	48	66	53	50	14	18	20	25	22	25	36	23
3	48	66	53	50	14	18	20	25	22	25	36	23
4	48	66	53	50	14	18	20	25	22	25	36	23
5	48	66	53	50	14	18	20	25	22	25	36	23
6	48	66	53	50	14	18	20	25	22	25	41	23
7	48	66	53	50	14	18	20	25	22	25	41	23
8	48	66	53	50	14	18	20	25	22	25	41	23
9	48	66	53	50	14	18	20	25	22	25	41	23
10	48	66	53	50	14	18	20	25	22	25	41	23
11	48	60	53	29	14	18	20	25	22	30	41	23
12	48	60	53	29	14	18	20	25	22	30	41	23
13	48	60	53	29	14	18	17	25	22	30	41	23
14	48	60	53	29	14	18	17	25	22	30	41	23
15	48	60	53	29	14	18	17	25	22	30	41	23
16	48	60	53	29	14	18	17	42	22	30	23	30
17	48	60	53	29	14	18	17	42	22	30	23	30
18	48	60	53	29	14	18	17	42	22	30	23	30
19	48	60	53	29	14	18	17	42	22	30	23	30
20	48	60	53	29	14	18	17	42	22	30	23	30
21	48	55	53	29	14	47	17	42	22	36	23	43
22	48	55	53	29	14	47	17	42	22	36	23	43
23	48	55	53	29	14	47	17	42	22	36	23	43
24	48	55	53	29	14	47	17	42	22	36	23	43
25	48	55	53	29	14	47	17	42	22	36	23	43
26	48	55	53	29	14	47	17	42	22	36	23	43
27	48	55	53	29	14	47	17	25	22	36	23	43
28	48	55	53	29	14	47	17	25	22	36	23	43
29	48	....	53	29	14	47	20	25	22	36	23	43
30	48	....	53	29	14	47	20	25	22	36	23	43
31	48	....	53	....	14	....	20	25	....	36	....	43
Mean	48	61	53	30	14	28	26	30	22	21	33	33
Max.	48	66	53	50	14	47	255	42	22	36	41	43
Min.	48	55	53	29	14	18	17	25	22	25	23	23
A. F.	2951	3372	3258	1785	860	1646	1666	1874	1309	1876	1954	2019
Total Acre Feet	24,510.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK AT MOUTH—1926 Sec. 12, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	47	49	58	49	54	34	48	45	74	36	33	30
2	47	49	58	49	54	34	48	45	74	36	33	30
3	47	49	58	49	54	34	48	45	74	36	33	30
4	47	49	58	49	54	34	48	45	74	36	33	30
5	47	49	58	49	54	34	48	45	74	36	33	30
6	47	49	58	49	54	34	48	45	81	36	33	30
7	47	49	58	49	54	34	48	45	81	36	33	30
8	47	49	58	49	54	34	48	45	81	36	33	30
9	47	52	58	49	54	34	48	45	81	36	33	30
10	47	52	58	49	54	34	48	45	81	36	33	30
11	47	52	58	49	54	34	28	45	38	36	33	30
12	47	52	58	49	54	34	28	45	38	36	33	30
13	47	52	58	49	54	34	28	45	38	36	33	30
14	47	52	58	49	54	34	28	45	38	36	33	30
15	47	52	58	49	54	34	28	45	38	36	33	30
16	35	52	58	49	30	47	28	45	38	36	33	30
17	35	52	58	49	30	47	28	45	38	36	33	30
18	35	52	58	49	30	47	28	45	38	36	33	30
19	35	52	58	49	30	47	28	45	38	36	33	30
20	35	52	58	49	30	47	28	45	38	36	33	30
21	35	52	58	49	30	47	28	45	38	36	33	30
22	35	45	58	40	30	47	28	45	38	36	33	30
23	35	45	58	40	30	47	28	45	38	36	33	30
24	35	45	58	40	30	47	28	45	38	36	33	30
25	35	45	58	40	30	47	28	45	38	36	33	30
26	35	45	58	40	30	47	28	45	38	36	33	30
27	35	45	58	40	30	47	28	45	38	36	33	30
28	35	45	58	40	30	47	28	45	38	36	33	30
29	35	....	58	40	30	47	28	45	38	36	33	30
30	35	....	58	40	30	47	28	45	38	36	33	30
31	35	....	58	....	30	....	28	45	....	36	....	30
Mean	41	49	58	46	43	41	34	45	51	36	33	30
Max.	47	52	58	49	54	47	48	45	81	36	33	30
Min.	35	45	58	40	30	34	28	45	38	36	33	30
A. F.	2509	2729	3566	2916	2372	2150	2118	2767	3064	2213	1964	1844
Total Acre Feet	30,212.											

## DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK AT MOUTH—1927 Sec. 12, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	54	48	63	63	49	59	25	64	70	45	53	51
2	54	48	63	63	49	59	25	64	70	45	53	51
3	54	48	63	63	49	59	25	64	70	45	53	51
4	54	48	63	63	49	59	25	64	70	45	53	51
5	54	48	63	63	49	59	25	64	70	45	53	51
6	54	48	63	63	49	59	25	63	70	45	53	51
7	54	48	63	63	49	59	25	63	70	45	53	51
8	54	48	63	63	49	59	25	63	50	45	53	51
9	54	48	63	63	49	59	25	63	50	45	53	51
10	54	48	63	63	49	59	25	63	50	45	53	51
11	54	48	63	63	53	61	25	63	70	45	53	51
12	54	48	63	63	53	61	25	63	70	45	53	51
13	54	48	63	63	53	61	25	63	70	45	53	51
14	54	48	63	63	53	61	25	63	50	45	53	51
15	54	48	63	63	53	61	25	63	70	45	53	51
16	54	48	63	63	53	61	25	63	70	45	53	51
17	54	48	63	63	53	61	25	63	50	45	53	51
18	54	48	63	63	53	61	25	63	50	45	53	51
19	54	48	63	63	53	61	25	63	50	45	53	51
20	54	48	63	63	53	61	25	63	50	45	53	51
21	50	48	63	120	53	75	25	63	59	49	53	51
22	50	48	63	120	53	75	25	63	50	49	53	51
23	50	48	63	120	53	75	25	63	50	49	53	51
24	50	48	63	120	53	75	25	63	50	49	53	51
25	50	48	63	120	53	75	25	63	59	49	53	51
26	50	48	63	120	53	75	25	63	59	49	53	51
27	50	48	63	120	53	75	25	63	50	49	53	51
28	50	48	63	120	53	75	25	63	50	49	53	51
29	50	48	63	120	53	75	25	63	59	49	53	51
30	50	....	63	120	53	75	25	63	59	49	53	51
31	50	....	63	....	53	....	25	63	....	49	....	51
Mean	53	48	63	82	52	65	25	63	50	43	52	51
Max.	54	48	63	120	53	75	25	64	50	45	53	51
Min.	50	48	63	63	49	59	25	63	50	49	53	51
A. F.	3234	2566	3773	4669	2969	3657	1327	3673	2975	2358	3154	3125
Total Acre Feet	37,790.											



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK AT MOUTH—1928  
Sec. 12, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	68	66	71	63	33	27	18	65	29	40	54	55
2	68	66	71	63	33	27	18	65	29	40	54	55
3	68	66	71	63	33	27	18	65	29	40	54	55
4	68	66	71	63	33	27	18	65	29	40	54	55
5	68	66	71	63	33	27	18	65	29	40	54	55
6	68	66	71	63	33	27	18	65	29	40	54	55
7	68	66	71	63	33	27	18	65	29	40	54	55
8	68	66	71	63	33	27	18	65	29	40	54	55
9	68	66	71	63	33	27	18	65	29	40	54	55
10	68	66	71	63	33	27	18	65	29	40	54	55
11	68	66	71	63	33	27	18	38	32	40	47	54
12	68	66	71	63	33	27	18	38	32	40	47	54
13	68	66	71	63	33	27	18	38	32	40	47	54
14	68	66	71	63	33	27	18	38	32	40	47	54
15	68	66	71	63	33	27	18	38	32	40	47	54
16	68	66	55	89	43	53	56	38	32	40	47	54
17	68	66	55	89	43	53	56	38	32	40	47	54
18	68	66	55	89	43	53	56	38	32	40	47	54
19	68	66	55	89	43	53	56	38	32	40	47	54
20	68	66	55	89	43	53	56	38	32	40	47	54
21	68	66	55	89	43	53	56	38	32	40	47	54
22	68	66	55	89	43	53	56	38	32	40	42	54
23	68	66	55	89	43	53	56	38	32	40	42	54
24	68	66	55	89	43	53	56	38	32	40	42	54
25	68	66	55	89	43	53	56	38	32	40	42	54
26	68	66	63	89	43	53	56	38	32	40	42	54
27	68	66	63	89	43	53	56	38	32	40	42	54
28	68	66	63	89	43	53	56	38	32	40	42	54
29	68	66	63	89	43	53	56	38	32	40	42	54
30	68	....	63	89	43	53	56	38	32	40	42	54
31	68	....	63	....	43	....	56	38	....	40	....	54
Mean	68	66	64	79	28	40	37	47	31	40	47	54
Max.	68	66	71	89	43	53	56	65	32	40	54	55
Min.	68	66	55	63	33	27	18	38	29	40	42	54
A. F.	4181	3796	3953	4522	2346	2380	2313	2872	1845	2459	2836	3340
Total Acre Feet	26,843.											

DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK—1925  
Sec. 28, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	45	30	8.7	10.7	7.5	6.1	5.1	*	*	*	*
2	....	45	30	8.7	10.7	7.5	6.1	5.1	....	....	....	....
3	....	45	30	8.7	10.7	7.5	6.1	5.1	....	....	....	....
4	....	45	30	8.7	10.7	7.5	6.1	5.1	....	....	....	....
5	....	45	30	8.7	10.7	7.5	6.1	5.1	....	....	....	....
6	....	45	30	8.7	10.7	7.5	6.1	5.1	....	....	....	....
7	....	45	30	8.7	10.7	7.5	6.1	5.1	....	....	....	....
8	....	45	30	8.7	10.7	7.5	6.1	5.1	....	....	....	....
9	....	45	30	8.7	10.7	7.5	6.1	5.1	....	....	....	....
10	....	45	30	8.7	10.7	7.5	6.1	5.1	....	....	....	....
11	....	45	20	8.7	10.7	7.5	6.1	5.1	....	....	....	....
12	....	45	20	8.7	10.7	7.5	6.1	5.1	....	....	....	....
13	....	45	20	8.7	10.7	7.5	6.1	5.1	....	....	....	....
14	....	45	20	8.7	10.7	7.5	6.1	5.1	....	....	....	....
15	....	45	20	8.7	10.7	7.5	6.1	5.1	....	....	....	....
16	....	45	20	8.7	10.7	7.5	6.1	5.1	....	....	....	....
17	....	45	20	8.7	10.7	7.5	9.9	5.1	....	....	....	....
18	....	45	20	8.7	10.7	7.5	9.9	5.1	....	....	....	....
19	....	45	20	8.7	10.7	7.5	9.9	5.1	....	....	....	....
20	....	45	15	8.7	10.7	19.8	9.9	5.1	....	....	....	....
21	....	45	15	8.7	10.7	19.8	9.9	5.1	....	....	....	....
22	....	45	15	8.7	10.7	19.8	9.9	5.1	....	....	....	....
23	....	45	15	8.7	10.7	19.8	9.9	5.1	....	....	....	....
24	....	45	15	8.7	10.7	19.8	9.9	5.1	....	....	....	....
25	....	45	15	8.7	10.7	19.8	9.9	5.1	....	....	....	....
26	....	45	15	8.7	10.7	19.8	20.0	5.1	....	....	....	....
27	....	45	15	8.7	10.7	19.8	30.0	5.1	....	....	....	....
28	....	45	15	8.7	10.7	19.8	41.1	5.1	....	....	....	....
29	....	....	15	8.7	10.7	19.8	30.0	5.1	....	....	....	....
30	....	....	15	8.7	10.7	19.8	20.0	5.1	....	....	....	....
31	....	....	15	....	10.7	....	10.0	5.1	....	....	....	....
Mean	....	45	21	8.7	10.7	12.0	11.0	5.1	....	....	....	....
Max.	....	45	30	8.7	10.7	19.8	41.0	5.1	....	....	....	....
Min.	....	45	15	8.7	10.7	7.5	6.1	5.1	....	....	....	....
A. F.	....	2499	922	517	658	690	662	313	....	....	....	....
*No Record.												

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK—1926  
Sec. 28, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	45	51	40	33	23	13	28	17	11	*	*	*
2	45	51	40	33	23	13	28	17	11	.....	.....	.....
3	45	51	40	33	23	13	28	17	11	.....	.....	.....
4	45	51	40	33	23	13	28	17	11	.....	.....	.....
5	45	51	40	33	23	13	28	17	11	.....	.....	.....
6	45	51	40	33	23	13	28	17	11	.....	.....	.....
7	45	51	40	33	23	13	28	17	11	.....	.....	.....
8	45	51	40	33	23	13	28	17	11	.....	.....	.....
9	45	51	40	33	23	13	28	17	11	.....	.....	.....
10	45	51	40	33	23	13	28	17	11	.....	.....	.....
11	45	51	40	33	23	13	8	17	11	.....	.....	.....
12	45	51	40	33	23	13	8	17	11	.....	.....	.....
13	45	51	40	33	23	13	8	17	11	.....	.....	.....
14	45	51	40	33	23	13	8	17	11	.....	.....	.....
15	45	51	40	33	23	13	8	17	11	.....	.....	.....
16	45	51	40	33	23	13	8	17	11	.....	.....	.....
17	45	51	40	33	23	13	8	17	11	.....	.....	.....
18	45	51	40	33	23	13	8	17	11	.....	.....	.....
19	45	51	40	33	23	13	8	17	11	.....	.....	.....
20	45	51	40	33	23	13	8	17	11	.....	.....	.....
21	45	51	40	33	23	11	8	17	11	.....	.....	.....
22	45	51	40	33	23	11	8	17	11	.....	.....	.....
23	45	51	40	33	23	11	8	17	11	.....	.....	.....
24	45	51	40	33	23	11	8	17	11	.....	.....	.....
25	45	51	40	33	23	11	8	17	11	.....	.....	.....
26	45	51	40	33	23	11	8	17	11	.....	.....	.....
27	45	51	40	33	23	11	8	17	11	.....	.....	.....
28	45	51	40	33	23	11	8	17	11	.....	.....	.....
29	45	.....	40	33	23	11	8	17	11	.....	.....	.....
30	45	.....	40	33	23	11	8	17	11	.....	.....	.....
31	45	.....	40	.....	23	.....	8	17	.....	.....	.....	.....
Mean	45	51	40	33	23	12	14	17	11	.....	.....	.....
Max.	45	51	40	33	23	13	28	17	11	.....	.....	.....
Min.	45	51	40	33	23	11	8	17	11	.....	.....	.....
A. F.	2767	2832	2459	1963	1414	734	888	1047	654	.....	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK—1927  
Sec. 28, Twp. 19, Rge. 50 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30	35	35	32	30	40	8	27	10	20	29	26
2	30	35	35	32	30	40	8	27	10	20	29	26
3	30	35	35	32	30	40	8	27	10	20	29	26
4	30	35	35	32	30	40	8	27	10	20	29	26
5	30	35	35	32	30	40	8	27	10	20	29	26
6	30	35	35	32	30	40	8	27	10	20	29	26
7	30	35	35	32	30	40	8	27	10	20	29	26
8	30	35	35	32	30	40	8	27	10	20	29	26
9	30	35	35	32	30	40	8	27	10	20	29	26
10	30	35	35	32	30	40	8	27	10	20	29	26
11	30	35	35	32	16	20	8	27	10	20	29	26
12	30	35	35	32	16	20	8	27	10	20	29	26
13	30	35	35	32	16	20	8	27	10	20	29	26
14	30	35	35	32	16	20	8	27	10	20	29	26
15	30	35	35	32	16	20	8	27	10	20	29	26
16	30	35	35	32	16	20	8	27	10	20	29	26
17	30	35	35	32	16	20	8	27	10	20	29	26
18	30	35	35	32	16	20	8	27	10	20	29	26
19	30	35	35	32	16	20	8	27	10	20	29	26
20	30	35	35	32	16	20	8	27	10	20	29	26
21	30	35	35	32	16	20	8	42	10	20	29	26
22	30	35	35	32	16	20	8	42	10	20	29	26
23	30	35	35	32	16	20	8	42	10	20	29	26
24	30	35	35	32	16	20	8	42	10	20	29	26
25	30	35	35	32	16	20	8	42	10	20	29	26
26	30	35	35	32	16	20	8	42	10	20	29	26
27	30	35	35	32	16	20	8	42	10	20	29	26
28	30	35	35	32	16	20	8	42	10	20	29	26
29	30	.....	35	32	16	20	8	42	10	20	29	26
30	30	.....	35	32	16	20	8	42	10	20	29	26
31	30	.....	35	.....	16	.....	8	42	.....	20	.....	26
Mean	30	35	35	32	21	27	8	32	10	20	29	26
Max.	30	35	35	32	30	40	8	42	10	20	29	26
Min.	30	35	35	32	16	20	8	27	10	20	29	26
A. F.	1844	1943	2152	1904	1261	1586	491	1987	595	1229	1725	1340

Total Acre Feet 18,057.



**DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK—1926**  
 Sec. 4, Twp. 15, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	13	11	6	5	2	2	2	*	*	*	*
2	9	13	11	6	5	2	2	2	.....	.....	.....	.....
3	9	13	11	6	5	2	2	2	.....	.....	.....	.....
4	9	13	11	6	5	2	2	2	.....	.....	.....	.....
5	9	13	11	6	5	2	2	2	.....	.....	.....	.....
6	9	13	11	6	5	2	2	2	.....	.....	.....	.....
7	9	13	11	6	5	2	2	2	.....	.....	.....	.....
8	9	13	11	6	5	2	2	2	.....	.....	.....	.....
9	9	13	11	6	5	2	2	2	.....	.....	.....	.....
10	9	13	11	6	5	2	2	2	.....	.....	.....	.....
11	9	13	11	6	5	2	2	2	.....	.....	.....	.....
12	9	13	11	6	5	2	2	2	.....	.....	.....	.....
13	9	13	11	6	5	2	2	2	.....	.....	.....	.....
14	9	13	11	6	5	2	2	2	.....	.....	.....	.....
15	9	13	11	6	5	2	2	2	.....	.....	.....	.....
16	9	13	11	6	5	2	2	2	.....	.....	.....	.....
17	9	13	11	6	5	2	2	2	.....	.....	.....	.....
18	9	13	11	6	5	2	2	2	.....	.....	.....	.....
19	9	13	11	6	5	2	2	2	.....	.....	.....	.....
20	9	13	11	6	5	2	2	2	.....	.....	.....	.....
21	9	13	13	13	3	2	2	0.5	.....	.....	.....	.....
22	9	13	13	13	3	2	2	.5	.....	.....	.....	.....
23	9	13	13	13	3	2	2	.5	.....	.....	.....	.....
24	9	13	13	13	3	2	2	.5	.....	.....	.....	.....
25	9	13	13	13	3	2	2	.5	.....	.....	.....	.....
26	9	13	13	13	3	2	2	.5	.....	.....	.....	.....
27	9	13	13	13	3	2	2	.5	.....	.....	.....	.....
28	9	13	13	13	3	2	2	.5	.....	.....	.....	.....
29	9	.....	13	13	3	2	2	.5	.....	.....	.....	.....
30	9	.....	13	13	3	2	2	.5	.....	.....	.....	.....
31	9	.....	13	.....	.....	.....	.....	.5	.....	.....	.....	.....
Mean	9	13	12	9	4	2	2	2	.....	.....	.....	.....
Max.	9	13	13	13	5	2	2	2	.....	.....	.....	.....
Min.	9	13	11	6	3	2	2	.5	.....	.....	.....	.....
A. F.	553	722	720	496	264	119	123	99	.....	.....	.....	.....

\*No Record.

**DISCHARGE IN SECOND FEET, PUMPKINSEED CREEK—1927**  
 Sec. 4, Twp. 15, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	12	12	12	16	2	11	10	7	7	10	16
2	12	12	12	12	16	2	11	10	7	7	10	16
3	12	12	12	12	16	2	11	10	7	7	10	16
4	12	12	12	12	16	2	11	10	7	7	10	16
5	12	12	12	12	16	2	11	10	7	7	10	16
6	12	12	12	12	16	2	11	10	7	7	10	16
7	12	12	12	12	16	2	11	10	7	7	10	16
8	12	12	12	12	16	2	11	10	7	7	10	16
9	12	12	12	12	69	2	11	10	7	7	10	16
10	12	12	12	12	69	2	11	10	7	7	10	16
11	12	12	12	12	69	2	6	6	7	7	16	10
12	12	12	12	12	50	2	6	6	7	7	16	10
13	12	12	12	12	25	2	6	6	7	7	16	10
14	12	12	12	12	20	2	6	6	7	7	16	10
15	12	12	12	12	16	2	6	6	7	7	16	10
16	12	12	12	12	16	2	6	6	7	7	16	10
17	12	12	12	12	16	2	6	6	7	7	16	10
18	12	12	12	12	16	2	6	6	7	7	16	10
19	12	12	12	12	16	2	6	6	7	7	16	10
20	12	12	12	12	16	2	6	6	7	7	16	10
21	12	12	12	16	6	2	6	6	7	7	16	9
22	12	12	12	16	6	2	6	6	7	7	12	9
23	12	12	12	16	6	2	6	6	7	7	12	9
24	12	12	12	16	6	2	6	6	7	7	12	9
25	12	12	12	16	6	2	6	6	7	7	12	9
26	12	12	12	16	6	2	6	6	7	7	12	9
27	12	12	12	16	6	2	6	6	7	7	12	9
28	12	12	12	16	6	2	6	6	7	7	12	9
29	12	.....	12	16	6	2	6	6	7	7	12	9
30	12	.....	12	16	6	2	6	6	7	7	12	9
31	12	.....	12	.....	6	.....	6	6	.....	7	.....	9
Mean	12	12	12	13	20	2	8	7	7	7	14	12
Max.	12	12	12	16	69	2	11	10	7	7	16	16
Min.	12	12	12	12	6	2	6	6	7	7	10	9
A. F.	737	666	737	793	1174	119	468	448	416	430	830	712

Total Acre Feet 7,530.



# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, RAWHIDE CREEK EAST OF LINGLE, WYOMING—1923

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	23	23	23	17	27	13	16	39	34	48	27	33
2	23	23	23	17	27	15	13	39	34	46	27	33
3	23	23	23	17	27	17	11	40	35	45	28	33
4	23	23	23	17	27	19	10	41	36	43	28	33
5	23	23	23	17	27	21	9	41	36	42	28	33
6	23	23	23	19	27	22	7	42	37	41	29	33
7	23	23	23	19	27	24	6	42	38	40	29	33
8	23	23	23	19	27	25	5	43	38	39	30	33
9	23	23	23	19	27	27	5	43	39	37	30	33
10	23	23	23	19	27	28	5	44	40	36	31	33
11	23	23	22	21	25	30	7	44	41	34	31	33
12	23	23	22	21	23	31	8	45	41	33	32	33
13	23	23	22	21	23	32	10	45	42	32	32	33
14	23	23	22	21	22	33	12	46	43	31	32	33
15	23	23	22	21	21	34	13	44	44	30	33	33
16	23	23	20	24	20	35	15	42	44	29	33	33
17	23	23	20	24	19	34	17	41	45	28	33	33
18	23	23	20	24	18	33	19	40	45	27	33	33
19	23	23	20	24	17	32	21	38	46	26	33	33
20	23	23	20	24	16	31	23	37	47	25	33	33
21	23	23	20	26	15	29	24	36	47	24	33	33
22	23	23	20	26	14	28	26	34	48	24	33	33
23	23	23	20	26	13	26	28	33	48	23	33	33
24	23	23	20	26	12	25	30	31	49	23	33	33
25	23	23	20	26	11	24	32	30	49	23	33	33
26	23	23	18	27	10	22	34	31	50	24	33	33
27	23	23	18	27	9	20	35	31	51	24	33	33
28	23	23	18	27	8	19	37	32	52	25	33	33
29	23	....	18	27	8	18	37	32	52	25	33	33
30	23	....	18	27	9	16	38	33	49	26	33	33
31	23	....	18	....	11	....	38	33	....	26	....	33
Mean	23	23	20.9	22.3	19.1	25.4	19	38.5	43.3	31.5	31.4	33
Max.	23	23	23	27	27	35	38	46	52	48	33	33
Min.	23	23	18	17	8	13	5	30	34	23	27	33
A. F.	1414	1277	1285	1329	1178	1513	1172	2370	2579	1942	1868	1969
Total Acre Feet	19,896.											

## DISCHARGE IN SECOND FEET, RAWHIDE CREEK EAST OF LINGLE, WYOMING—1924

Date	Jan.	Feb.	Mar.	Apr.	May	June	* July	* Aug.	Sept.	Oct.	Nov.	Dec.
1	21	20	20	30	23	36	20	20	17	17	16	16
2	21	20	20	30	23	36	20	20	17	17	16	16
3	21	20	20	30	23	36	20	20	17	17	16	16
4	21	20	20	30	23	36	20	20	17	17	16	16
5	21	20	20	30	23	36	20	20	17	17	16	16
6	21	20	20	30	23	36	20	20	17	17	16	16
7	21	20	20	30	23	36	20	20	17	17	16	16
8	21	20	20	30	23	36	20	20	17	17	16	16
9	21	20	20	30	23	36	20	20	17	17	16	16
10	21	20	20	30	23	36	20	20	17	17	16	16
11	21	25	20	41	27	25	20	20	17	19	18	16
12	21	25	20	41	27	25	20	20	17	19	18	16
13	21	25	20	41	27	25	20	20	17	19	18	16
14	21	25	20	41	27	25	20	20	17	19	18	16
15	21	25	20	41	27	25	20	20	17	19	18	16
16	20	25	20	41	27	25	20	20	17	19	18	16
17	20	25	20	41	27	25	20	20	17	19	18	16
18	20	25	20	41	27	25	20	20	17	19	18	16
19	20	25	20	41	27	25	20	20	17	19	18	16
20	20	25	20	41	27	25	20	20	17	19	18	16
21	20	25	20	30	32	25	20	20	17	16	16	16
22	20	25	20	30	32	25	20	20	17	16	16	16
23	20	25	20	30	32	25	20	20	17	16	16	16
24	20	25	20	30	32	25	20	20	17	16	16	16
25	20	25	20	30	32	25	20	20	17	16	16	16
26	20	25	20	30	32	25	20	20	17	16	16	16
27	20	25	20	30	32	25	20	20	17	16	16	16
28	20	25	20	30	32	25	20	20	17	16	16	16
29	20	25	20	30	32	25	20	20	17	16	16	16
30	20	....	20	30	32	25	20	20	17	16	16	16
31	20	....	20	....	32	....	20	20	....	16	....	16
Mean	20	23	20	34	28	29	20	20	17	17	17	16
Max.	21	25	20	41	32	36	20	20	17	19	18	16
Min.	20	20	20	30	23	25	20	20	17	16	16	16
A. F.	1259	1339	1230	2003	1690	1706	1230	1230	1011	1063	992	984
Total Acre Feet	15,737.											

\*Estimated.



# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, RED WILLOW CREEK—1920

Sec. 6, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	45	43	43	35	50	125	25	75	76	228	68	65
2	45	43	43	35	50	121	20	45	105	220	68	65
3	46	42	43	35	50	120	20	45	63	210	68	65
4	46	42	43	35	50	115	20	53	63	202	68	65
5	47	42	43	25	39	115	20	165	69	194	68	65
6	47	42	42	30	32	110	45	53	60	189	68	65
7	47	42	42	25	32	100	37	45	60	184	68	65
8	48	42	42	25	45	95	37	45	46	179	68	65
9	48	42	42	39	32	91	40	45	46	174	68	64
10	49	42	42	39	32	87	37	45	46	170	68	64
11	49	42	42	31	25	83	82	35	46	162	68	63
12	50	42	42	31	32	80	82	35	60	154	68	63
13	50	42	42	31	32	76	54	24	60	146	67	62
14	50	42	42	25	32	72	63	24	63	138	67	62
15	49	42	42	26	39	68	175	18	63	130	67	61
16	49	42	42	27	39	64	165	15	60	123	66	60
17	49	42	42	27	39	60	54	40	66	116	66	60
18	49	42	42	25	39	60	105	40	60	109	66	59
19	48	42	41	26	32	60	45	40	46	102	66	58
20	48	42	41	39	32	90	45	47	40	94	65	57
21	48	42	41	50	32	90	33	40	40	89	65	57
22	47	42	41	50	39	60	33	40	40	84	65	56
23	47	42	41	50	5	45	75	40	46	79	65	55
24	46	42	41	50	26	37	172	73	46	74	65	55
25	46	42	41	50	39	134	63	73	53	70	65	54
26	45	42	41	50	39	37	45	46	63	70	65	53
27	45	42	41	32	26	40	45	40	63	70	65	53
28	44	42	41	36	121	134	54	40	73	70	65	52
29	44	42	40	39	121	37	135	113	66	70	65	52
30	43	....	40	45	121	30	45	113	63	70	65	51
31	43	....	40	....	127	....	53	105	....	70	....	50
Mean	47	42	42	35	46	115	62	53	58	130	67	59
Max.	50	43	43	50	127	134	175	165	105	228	68	65
Min.	43	42	40	25	5	30	20	15	40	70	65	50
A. F.	2890	2420	2561	2107	2802	6814	3816	3344	3455	7903	3959	3650
Total Acre Feet	45,721.											

## DISCHARGE IN SECOND FEET, RED WILLOW CREEK—1921

Sec. 6, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	42	45	44	40	64	104	90	63	38	127	59	64
2	42	45	44	40	67	105	70	63	44	114	59	64
3	42	45	43	40	70	106	52	63	49	102	60	64
4	42	46	43	40	73	103	28	63	55	93	60	63
5	42	46	43	40	76	107	15	62	60	83	61	63
6	42	46	42	41	79	107	40	62	66	73	62	63
7	42	46	42	41	82	120	58	61	71	63	62	62
8	42	47	41	41	85	138	72	61	76	52	62	62
9	42	47	41	41	88	154	71	61	81	53	62	62
10	42	47	41	41	91	168	71	60	87	53	62	61
11	42	47	41	41	92	182	70	60	92	53	62	61
12	42	47	41	42	93	196	70	60	98	53	63	61
13	42	47	40	43	94	212	70	59	103	53	63	60
14	43	47	40	44	94	228	69	59	108	54	63	60
15	43	47	40	45	94	242	69	59	114	54	63	60
16	43	47	40	46	95	256	69	59	120	54	63	59
17	43	47	40	46	95	270	68	58	125	54	64	59
18	43	47	40	47	96	284	68	58	130	55	64	58
19	44	47	39	48	96	296	68	58	136	55	64	57
20	44	47	39	49	97	307	68	57	141	55	64	56
21	44	46	39	55	98	283	67	57	146	55	64	54
22	44	46	39	51	98	264	67	57	151	55	64	52
23	44	46	39	52	99	244	66	57	157	56	64	50
24	44	46	39	52	99	224	66	46	162	56	64	49
25	44	46	40	53	100	204	66	41	168	56	64	48
26	44	45	40	54	101	184	66	30	174	55	64	47
27	44	45	40	54	101	168	65	31	166	56	65	46
28	45	44	40	55	102	150	65	26	156	56	65	46
29	45	....	40	58	102	128	65	22	145	57	65	47
30	45	....	40	61	103	106	64	28	135	58	65	48
31	45	....	40	....	103	....	64	33	....	58	....	49
Mean	43.1	42.6	40.6	46.5	91.2	188	63.8	52.8	111.8	63.5	62.7	56.6
Max.	45	47	44	61	103	307	90	63	174	125	65	64
Min.	42	44	39	40	64	104	15	22	38	52	59	46
A. F.	2652	2567	2489	2769	5607	11193	3921	3241	6653	3907	3741	3481
Diverted to Alliance Canal												
Total Acre Feet	57,633.											





**DISCHARGE IN SECOND FEET, RED WILLOW CREEK—1924**  
 Sec. 6, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	35	47	39	33	30	110	10	15	32	106	72	66
2	35	47	39	33	30	110	9	15	34	104	72	66
3	35	47	39	33	30	110	9	16	36	99	72	66
4	35	47	39	33	30	110	9	16	38	97	72	66
5	35	47	39	33	20	110	9	17	40	96	72	66
6	35	46	38	32	29	110	7	17	45	92	72	66
7	35	46	38	32	29	100	7	17	50	90	72	66
8	35	46	38	32	29	90	7	18	54	86	72	66
9	35	46	38	32	29	70	7	18	62	84	72	66
10	35	45	38	32	29	60	7	19	65	82	72	66
11	35	45	37	31	30	50	6	19	70	80	72	61
12	35	45	37	31	30	35	7	20	74	76	72	61
13	35	45	37	31	30	20	8	20	78	74	73	61
14	36	45	37	31	30	20	8	21	82	72	73	61
15	36	45	37	31	40	20	8	21	85	70	73	61
16	36	43	36	31	60	19	9	22	90	68	73	61
17	36	43	36	31	80	19	9	22	94	68	73	61
18	36	43	36	31	110	19	10	22	98	68	73	61
19	36	43	36	31	80	19	10	22	100	69	73	61
20	36	43	36	31	50	19	10	22	105	69	73	61
21	38	41	35	30	30	18	11	24	110	69	73	61
22	38	41	35	30	30	17	11	24	113	69	73	61
23	38	41	35	30	30	16	11	24	117	69	73	61
24	38	41	35	30	30	15	11	24	122	70	73	61
25	38	41	35	30	30	14	11	24	124	70	73	61
26	39	40	34	30	30	14	12	25	120	76	73	61
27	39	40	34	30	30	13	13	26	116	70	73	61
28	40	40	34	30	30	13	14	26	114	70	73	61
29	42	40	34	30	30	11	14	28	112	70	73	61
30	45	—	34	30	70	12	14	30	110	70	73	61
31	46	—	34	—	110	—	15	32	—	70	—	61
Mean	37	44	36	31	41	28	10	22	83	82	73	63
Max.	45	47	39	33	110	110	15	32	124	106	73	66
Min.	35	40	34	30	29	11	6	15	32	68	72	61
A. F.	*	*	*	*	*	992	3168	2807	1440	*	*	*
Total	2277	2520	2240	1854	2549	2684	3769	4128	6379	4945	4320	3849
Total Acre Feet 41,524.												
*Diverted by Alliance Canal.												

**DISCHARGE IN SECOND FEET, RED WILLOW CREEK—1925**  
 Sec. 6, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	48	50	44	35	28	25	40	92	50	100	75	66
2	48	50	44	35	28	25	40	62	50	100	75	66
3	48	50	44	35	28	25	40	60	50	100	75	66
4	48	50	44	35	28	25	40	68	40	100	75	66
5	48	50	44	35	28	25	60	51	55	100	75	66
6	48	50	44	35	28	25	100	37	40	100	75	66
7	48	50	44	35	28	100	96	37	210	100	75	66
8	48	50	44	35	28	15	126	42	86	100	75	66
9	48	50	44	35	125	8	156	73	130	100	75	66
10	48	50	44	35	270	8	156	100	118	100	75	66
11	48	50	44	28	270	130	164	124	126	80	75	66
12	48	50	44	28	160	123	143	125	124	80	75	66
13	48	50	44	28	130	100	151	115	75	80	75	66
14	48	50	44	28	30	80	95	119	75	80	75	66
15	48	50	44	28	30	18	40	203	75	80	75	66
16	48	50	44	28	40	94	40	184	75	80	75	66
17	48	50	44	28	130	77	40	191	75	80	75	66
18	48	50	44	28	165	64	40	123	75	80	75	66
19	48	50	44	28	30	105	40	181	75	80	75	66
20	48	50	44	28	65	70	40	79	75	80	75	66
21	48	50	50	28	55	78	40	90	75	80	75	66
22	48	50	50	28	25	50	41	73	75	80	75	66
23	48	50	50	28	25	50	80	57	75	80	75	66
24	48	50	50	28	25	50	62	67	75	80	75	66
25	48	50	50	28	25	75	40	63	75	80	75	66
26	48	50	50	28	25	65	180	37	100	80	75	66
27	48	50	50	28	25	55	67	40	150	80	75	66
28	48	50	50	28	25	65	73	44	200	80	75	66
29	48	—	50	28	25	33	78	44	150	80	75	66
30	48	—	50	28	25	33	100	44	100	80	75	66
31	48	—	50	—	25	—	125	44	—	80	—	66
Mean	48	50	46	30	63	56	83	86	92	89	75	66
Max.	48	50	50	35	270	130	180	203	210	100	75	66
Min.	48	50	44	28	25	8	40	37	40	80	75	66
A. F.	2951	2777	2836	1805	3897	2364	4945	5292	5482	5316	4463	4058
Total Acre Feet 47,186.												

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, RED WILLOW CREEK—1926  
Sec. 6, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	54	51	36	34	25	156	58	47	181	124	54	58
2	54	51	36	34	25	156	58	47	181	124	54	58
3	54	51	36	34	25	156	58	47	181	124	54	58
4	54	51	36	34	25	156	58	47	181	124	54	58
5	54	51	36	34	25	156	58	47	181	124	54	58
6	54	51	36	34	25	156	58	47	181	124	54	58
7	54	51	36	34	25	156	58	47	181	124	54	58
8	54	51	36	34	25	156	58	47	181	124	54	58
9	54	51	36	34	25	156	58	47	181	124	54	58
10	54	51	36	34	25	156	58	47	181	124	54	58
11	54	51	36	34	25	156	58	47	181	124	54	58
12	54	51	36	34	25	156	58	47	181	124	58	58
13	54	51	36	34	25	156	58	47	181	124	58	58
14	54	51	36	34	25	156	58	47	181	124	58	58
15	54	51	36	34	25	1316	58	47	181	124	58	58
16	54	51	36	34	137	658	53	47	181	124	58	58
17	54	51	36	34	137	324	53	47	181	124	58	58
18	54	51	36	34	137	150	53	47	181	124	58	58
19	54	51	36	34	137	49	53	47	181	124	58	58
20	54	51	36	34	137	49	53	47	181	124	58	58
21	54	51	36	34	137	49	53	73	181	124	58	58
22	54	51	36	34	137	49	53	73	181	124	58	58
23	54	51	36	34	137	49	53	73	181	124	58	58
24	54	51	36	34	137	49	53	73	181	124	58	58
25	54	51	36	34	137	49	53	73	181	124	58	58
26	54	51	36	34	137	49	53	73	181	124	58	58
27	54	51	36	34	137	49	53	73	181	124	58	58
28	54	51	36	34	137	49	53	73	181	124	58	58
29	54	...	36	34	137	49	53	73	181	124	58	58
30	54	...	36	34	137	49	53	73	181	124	58	58
31	54	...	36	...	137	...	53	73	...	124	...	58
Mean	54	51	36	34	83	177	75	56	181	124	56	58
Max.	54	51	36	34	137	1316	53	73	181	124	58	58
Min.	54	51	36	34	25	49	58	47	181	124	54	58
A. F.	3320	2836	2213	2023	5092	10354	4608	3457	10770	7624	3451	3577
Total Acre Feet	59,325.											

DISCHARGE IN SECOND FEET, RED WILLOW CREEK—1927  
Sec. 6, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	51	44	39	51	39	60	42	72	65	78	64	53
2	51	44	39	51	39	69	84	106	65	78	64	53
3	51	44	39	51	39	57	140	116	65	78	64	53
4	51	44	39	51	39	63	75	161	65	78	64	53
5	51	44	39	51	39	100	42	200	65	78	64	53
6	51	44	39	51	39	125	42	230	65	78	64	53
7	51	44	39	51	39	120	42	235	65	78	64	53
8	51	44	39	51	39	77	42	235	65	78	64	53
9	51	44	39	51	39	50	42	260	65	78	64	53
10	51	44	39	51	39	100	42	254	65	78	64	53
11	51	44	39	51	39	64	42	235	65	78	64	53
12	51	44	39	51	39	135	42	245	65	78	64	53
13	51	44	39	51	39	122	42	205	65	78	64	53
14	51	44	39	51	39	122	42	205	65	78	64	53
15	51	44	39	51	39	167	42	157	65	78	64	53
16	51	44	39	51	39	210	42	200	65	78	64	53
17	51	44	39	51	39	165	42	55	65	78	64	53
18	51	44	39	51	39	222	42	75	65	78	64	53
19	51	44	39	51	39	225	42	55	65	78	64	53
20	51	44	39	51	39	85	42	50	65	78	64	53
21	39	44	38	51	218	67	30	50	65	78	53	53
22	39	44	38	51	218	85	30	50	65	78	53	53
23	39	44	38	51	218	67	30	50	65	78	53	53
24	39	44	38	51	218	50	30	50	65	78	53	53
25	39	44	38	51	218	50	30	50	65	78	53	53
26	39	44	38	51	218	161	30	50	124	78	53	53
27	39	44	38	51	218	50	30	50	175	78	53	53
28	39	44	38	51	218	50	30	60	220	78	53	53
29	39	...	38	51	218	50	30	50	190	78	53	53
30	39	...	38	51	218	50	52	50	165	78	53	53
31	39	...	38	...	218	...	52	...	...	78	...	53
Mean	47	44	39	51	102	106	45	218	83	78	60	53
Max.	51	44	39	51	218	225	140	260	220	78	64	53
Min.	39	44	38	51	39	50	30	50	65	78	53	53
A. F.	2874	2444	2376	2924	6303	5986	2751	7658	4957	4796	3590	3259
Total Acre Feet	49,918.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, RED WILLOW CREEK—1928 Sec. 6, Twp. 20, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	43	36	36	35	172	181	67	217	24	51	69	44
2	43	36	36	35	172	181	67	217	24	51	69	44
3	43	36	36	35	172	181	67	217	24	51	69	44
4	43	36	36	35	172	181	67	217	24	51	69	44
5	43	36	36	35	172	181	67	217	24	51	69	44
6	43	36	36	35	172	181	67	217	24	51	69	44
7	43	36	36	35	172	181	67	217	24	51	69	44
8	43	36	36	35	172	181	67	217	24	51	69	44
9	43	36	36	35	172	181	67	217	24	51	69	44
10	43	36	36	35	172	181	67	217	24	51	69	44
11	43	36	36	35	172	181	67	217	24	51	69	44
12	43	36	36	35	172	181	67	217	24	51	69	44
13	43	36	36	35	172	181	67	217	24	51	69	44
14	43	36	36	35	172	181	67	217	24	51	69	44
15	43	36	36	35	172	181	67	217	24	51	69	44
16	43	36	36	31	204	207	67	11	24	51	69	39
17	43	36	36	31	204	207	67	11	24	51	69	39
18	43	36	36	31	204	207	67	11	24	51	69	39
19	43	36	36	31	204	207	67	11	24	51	69	39
20	43	36	36	31	204	207	67	11	24	51	69	39
21	43	36	36	31	204	207	67	11	24	51	69	39
22	43	36	36	31	204	207	67	11	24	51	69	39
23	43	36	36	31	204	207	67	11	24	51	69	39
24	43	36	36	31	204	207	67	11	24	51	69	39
25	43	36	36	31	204	207	67	11	24	51	69	39
26	43	36	36	31	204	207	67	11	24	51	69	39
27	43	36	36	31	204	207	67	11	24	51	69	39
28	43	36	36	31	204	207	67	11	24	51	69	39
29	43	36	36	31	204	207	67	11	24	51	69	39
30	43	.....	36	31	204	207	67	11	24	51	69	39
31	43	.....	35	.....	204	.....	67	11	.....	51	.....	39
Mean	43	36	36	33	185	194	67	109	24	51	69	41
Max.	43	36	36	35	204	207	67	217	24	51	69	44
Min.	43	36	36	31	172	181	67	11	24	51	69	39
A. F.	2644	2071	2213	1964	11389	11544	4120	6696	1428	3136	4106	2547
Total Acre Feet	53,858.											

## DISCHARGE IN SECOND FEET, RED WILLOW CREEK EAST OF McCOOK—1925 Sec. 17, Twp. 3, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	*	*
2	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
3	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
4	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
5	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
6	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
7	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
8	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
9	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
10	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
11	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
12	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
13	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
14	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
15	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
16	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
17	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
18	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
19	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
20	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
21	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
22	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
23	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
24	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
25	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
26	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
27	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
28	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
29	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
30	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
31	.....	.....	41.7	.....	33.1	.....	10.2	14.4	.....	15.5	.....	.....
Mean	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
Max.	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
Min.	.....	.....	41.7	33.2	33.1	34.5	10.2	14.4	7.9	15.5	.....	.....
A. F.	.....	.....	2565	1975	2035	2053	627	1763	470	952	.....	.....
*No Record.												



**HYDROGRAPHIC REPORT—1928**

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**DISCHARGE IN SECOND FEET, RED WILLOW CREEK EAST OF McCOOK—1928**  
 Sec. 17, Twp. 3, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	15	39	34	24	63	191	88	17	18	11	23	24
2	15	39	34	24	63	191	88	17	18	11	23	24
3	15	39	34	24	63	191	88	17	18	11	23	24
4	15	39	34	24	63	191	88	17	18	11	23	24
5	15	39	34	24	63	191	88	17	18	11	23	24
6	15	39	34	24	63	191	88	17	18	11	23	24
7	15	39	34	24	63	191	88	17	18	11	23	24
8	15	39	34	24	63	191	88	17	18	11	23	24
9	15	39	34	24	63	191	88	17	18	11	23	24
10	15	39	34	24	63	191	88	17	18	11	23	24
11	15	39	34	24	63	191	88	17	18	11	23	24
12	15	39	34	24	63	191	88	17	18	11	23	24
13	15	39	34	24	63	191	88	17	18	11	23	24
14	15	39	34	24	63	191	88	17	18	11	23	24
15	15	39	34	24	63	191	88	17	18	11	23	24
16	15	39	36	24	63	191	69	17	18	27	23	24
17	15	39	36	24	63	191	69	17	18	27	23	24
18	15	39	36	24	63	191	69	17	18	27	23	24
19	15	39	36	24	63	191	69	17	18	27	23	24
20	15	39	36	24	63	191	69	17	18	27	23	24
21	15	39	36	24	63	191	69	17	18	27	23	24
22	15	39	36	24	63	191	69	17	18	27	23	24
23	15	39	36	24	63	191	69	17	18	27	23	24
24	15	39	36	24	63	191	69	17	18	27	23	24
25	15	39	36	24	63	191	69	17	18	27	23	24
26	15	39	36	24	63	191	69	17	18	27	23	24
27	15	39	36	24	63	191	69	17	18	27	23	24
28	15	39	36	24	63	191	69	17	18	27	23	24
29	15	39	36	24	63	191	69	17	18	27	23	24
30	15	39	36	24	63	191	69	17	18	27	23	24
31	15	39	36	24	63	191	69	17	18	27	23	24
Mean	15	39	35	24	63	191	78	17	18	19	23	24
Max.	15	39	36	24	63	191	88	17	18	27	23	24
Min.	15	39	34	24	63	191	69	17	18	11	23	24
A. F.	922	2243	2154	1428	3874	11365	4808	1045	1071	1184	1369	1476
Total Acre Feet	32,939.											

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER AT COLORADO-  
 NEBRASKA STATE LINE—1915**  
 Sec. 9, Twp. 1, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	c	c	81	*	*	*	*	*	*
2	...	...	...	...	...	81	...	...	...	...	...	...
3	...	...	...	...	...	140	...	...	...	...	...	...
4	...	...	...	...	...	119	...	...	...	...	...	...
5	...	...	...	...	...	99	...	...	...	...	...	...
6	...	...	...	...	...	99	...	...	...	...	...	...
7	...	...	...	...	...	99	...	...	...	...	...	...
8	...	...	...	...	...	119	...	...	...	...	...	...
9	...	...	...	...	...	99	...	...	...	...	...	...
10	...	...	...	...	...	81	...	...	...	...	...	...
11	...	...	...	...	...	81	...	...	...	...	...	...
12	...	...	...	...	...	65	...	...	...	...	...	...
13	...	...	...	...	...	65	...	...	...	...	...	...
14	...	...	...	...	...	65	...	...	...	...	...	...
15	...	...	...	...	...	65	...	...	...	...	...	...
16	...	...	...	...	...	39	65	...	...	...	...	...
17	...	...	...	...	...	39	51	...	...	...	...	...
18	...	...	...	...	...	45	51	...	...	...	...	...
19	...	...	...	...	...	51	51	...	...	...	...	...
20	...	...	...	...	...	65	*	...	...	...	...	...
21	...	...	...	...	...	81	...	...	...	...	...	...
22	...	...	...	...	...	81	...	...	...	...	...	...
23	...	...	...	...	...	81	...	...	...	...	...	...
24	...	...	...	...	...	81	...	...	...	...	...	...
25	...	...	...	...	...	81	...	...	...	...	...	...
26	...	...	...	...	...	81	...	...	...	...	...	...
27	...	...	...	...	...	81	...	...	...	...	...	...
28	...	...	...	...	...	99	...	...	...	...	...	...
29	...	...	...	...	...	119	...	...	...	...	...	...
30	...	...	...	...	...	99	...	...	...	...	...	...
31	...	...	...	...	...	81	...	...	...	...	...	...
Mean	...	...	...	...	...	75	83	...	...	...	...	...
Max.	...	...	...	...	...	119	140	...	...	...	...	...
Min.	...	...	...	...	...	39	51	...	...	...	...	...
A. F.	...	...	...	...	2300	3120	...	...	...	...	...	...

\*No Record.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER AT COLORADO-  
NEBRASKA STATE LINE—1926  
Sec. 9, Twp. 1, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	73	66	9	18	32	10	*	*	*	*
2	....	....	73	66	9	18	32	10	....	....	....	....
3	....	....	73	66	9	18	32	10	....	....	....	....
4	....	....	73	66	9	18	32	10	....	....	....	....
5	....	....	73	66	9	18	32	10	....	....	....	....
6	....	....	73	66	9	18	32	10	....	....	....	....
7	....	....	73	66	9	18	32	10	....	....	....	....
8	....	....	73	66	9	18	32	10	....	....	....	....
9	....	....	73	66	9	18	32	10	....	....	....	....
10	....	....	73	66	9	18	32	10	....	....	....	....
11	....	....	73	53	40	18	32	64	....	....	....	....
12	....	....	73	53	40	18	32	64	....	....	....	....
13	....	....	73	53	40	18	32	64	....	....	....	....
14	....	....	73	53	40	18	32	64	....	....	....	....
15	....	....	73	53	40	18	32	64	....	....	....	....
16	....	....	73	53	40	18	32	64	....	....	....	....
17	....	....	73	53	40	18	32	64	....	....	....	....
18	....	....	73	53	40	18	32	64	....	....	....	....
19	....	....	73	53	40	18	32	64	....	....	....	....
20	....	....	73	53	40	18	32	64	....	....	....	....
21	....	....	65	53	14	9	32	64	....	....	....	....
22	....	....	65	53	14	9	32	64	....	....	....	....
23	....	....	65	53	14	9	32	64	....	....	....	....
24	....	....	65	53	14	9	32	64	....	....	....	....
25	....	....	65	53	14	9	32	64	....	....	....	....
26	....	....	65	53	14	9	32	64	....	....	....	....
27	....	....	65	53	14	9	32	64	....	....	....	....
28	....	....	65	53	14	9	32	64	....	....	....	....
29	....	....	65	53	14	9	32	64	....	....	....	....
30	....	....	65	53	14	9	32	64	....	....	....	....
31	....	....	65	....	14	....	32	64	....	....	....	....
Mean	....	....	70	57	21	13	32	46	....	....	....	....
Max.	....	....	73	66	40	18	32	64	....	....	....	....
Min.	....	....	65	53	9	9	32	10	....	....	....	....
A. F.	....	....	4314	3411	1277	892	1967	2864	....	....	....	....
*No Record.	....	....	....	....	....	....	....	....	....	....	....	....

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER AT COLORADO-  
NEBRASKA STATE LINE—1927  
Sec. 9, Twp. 1, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	52	60	73	77	62	13	17	21	23	60	79	81
2	52	60	73	77	62	13	17	21	23	60	79	81
3	52	60	73	77	62	13	17	21	23	60	79	81
4	52	60	73	77	62	13	17	21	23	60	79	81
5	52	60	73	77	62	13	17	21	23	60	79	81
6	52	60	73	77	62	13	17	21	23	60	79	81
7	52	60	73	77	62	13	17	21	23	60	79	81
8	52	60	73	77	62	13	17	21	23	60	79	81
9	52	60	73	77	62	13	17	21	23	60	79	81
10	52	60	73	77	62	13	17	21	23	60	79	81
11	52	60	73	77	32	13	17	21	23	60	79	81
12	52	60	73	77	32	13	17	21	23	60	79	81
13	52	60	73	77	32	13	17	21	23	60	79	81
14	52	60	73	77	32	13	17	21	23	60	79	81
15	52	60	73	77	32	13	17	21	23	60	79	81
16	52	60	73	77	32	13	17	21	23	60	79	81
17	52	60	73	77	32	13	17	21	23	60	79	81
18	52	60	73	77	32	13	17	21	23	60	79	81
19	52	60	73	77	32	13	17	21	23	60	79	81
20	52	60	73	77	32	13	17	21	23	60	79	81
21	52	60	73	83	14	13	12	21	23	60	79	47
22	52	60	73	83	14	13	12	21	23	60	79	47
23	52	60	73	83	14	13	12	21	23	60	79	47
24	52	60	73	83	14	13	12	21	23	60	79	47
25	52	60	73	83	14	13	12	21	23	60	79	47
26	52	60	73	83	14	13	12	21	23	60	79	47
27	52	60	73	83	14	13	12	21	23	60	79	47
28	52	60	73	83	14	13	12	21	23	60	79	47
29	52	....	73	83	14	13	12	21	23	60	79	47
30	52	....	73	83	14	13	12	21	23	60	79	47
31	52	....	75	....	14	....	12	21	....	60	....	47
Mean	52	60	73	79	35	13	15	21	23	60	79	69
Max.	52	60	73	83	62	13	17	21	23	60	79	81
Min.	52	60	73	77	14	13	12	21	23	60	79	47
Total Acre Feet	3094	3332	4488	4700	2160	773	936	1291	1368	3689	4700	4238

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, REPUBLICAN RIVER AT COLORADO- NEBRASKA STATE LINE—1928

Sec. 9, Twp. 1, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	75	53	70	47	46	75	9	7	37	33	74	68
2	75	53	70	47	46	75	9	7	37	33	74	68
3	75	53	70	47	46	75	9	7	37	33	74	68
4	75	53	70	47	46	75	9	7	37	33	74	68
5	75	53	70	47	46	75	9	7	37	33	74	68
6	75	53	70	47	46	75	9	7	37	33	74	68
7	75	53	70	47	46	75	9	7	37	33	74	68
8	75	53	70	47	46	75	9	7	37	33	74	68
9	75	53	70	47	46	75	9	7	37	33	74	68
10	75	53	70	47	46	75	9	7	37	33	74	68
11	75	53	70	47	46	75	9	7	37	33	74	68
12	75	53	70	47	46	75	9	7	37	33	74	68
13	75	53	70	47	46	75	9	7	37	33	74	68
14	75	53	70	47	46	75	9	7	37	33	74	68
15	75	53	70	47	46	75	9	7	37	33	74	68
16	75	53	59	47	46	75	61	7	36	64	74	68
17	75	53	59	47	46	75	61	7	36	64	74	68
18	75	53	59	47	46	75	61	7	36	64	74	68
19	75	53	59	47	46	75	61	7	36	64	74	68
20	75	53	59	47	46	75	61	7	36	64	74	68
21	75	53	59	47	46	75	61	7	36	64	74	68
22	75	53	59	47	46	75	61	7	36	64	74	68
23	75	53	59	47	46	75	61	7	36	64	74	68
24	75	53	59	47	46	75	61	7	36	64	74	68
25	75	53	59	47	46	75	61	7	36	64	74	68
26	75	53	59	47	46	75	61	7	36	64	74	68
27	75	53	59	47	46	75	61	7	36	64	74	68
28	75	53	59	47	46	75	61	7	36	64	74	68
29	75	53	59	47	46	75	61	7	36	64	74	68
30	75	---	59	47	46	75	61	7	36	64	74	68
31	75	---	59	---	46	---	61	7	---	64	---	68
Mean	75	53	64	47	46	75	36	7	36	49	74	68
Max.	75	53	70	47	46	75	61	7	37	64	74	68
Min.	75	53	59	47	46	75	9	7	36	64	74	68
A. F.	4611	3049	3955	2797	2828	4463	2204	430	2172	3013	4403	5395
Total Acre Feet	39,320.											

## DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR SANBORN—1924

Sec. 13, Twp. 1, Rge. 42 W.

Date	* Jan.	Feb.	* Mar.	Apr.	May	June	* July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	73	76	70	60	50	40	10	22	15	20	25	60
2	75	76	70	60	50	40	10	22	15	20	25	60
3	76	76	70	60	50	40	10	22	15	20	25	60
4	76	76	70	60	50	40	10	22	15	20	25	60
5	73	76	70	60	50	40	10	22	15	20	25	60
6	76	76	70	60	50	40	10	22	15	20	25	60
7	76	76	70	60	50	40	10	22	15	20	25	60
8	76	76	70	60	50	40	10	22	15	20	25	60
9	76	76	70	60	50	40	10	22	15	20	25	60
10	76	76	70	60	50	40	10	22	15	20	25	60
11	76	76	70	60	50	20	10	18	15	20	30	60
12	76	76	70	60	50	20	10	18	15	20	30	60
13	76	76	70	60	50	20	10	18	15	20	30	60
14	76	76	70	60	50	20	10	18	15	20	30	60
15	76	76	70	60	50	20	10	18	15	20	30	60
16	76	76	65	60	50	20	10	18	15	20	30	60
17	76	76	65	60	50	20	10	18	15	20	30	60
18	76	76	65	60	50	20	10	18	15	20	30	60
19	76	76	65	60	50	20	10	18	15	20	30	60
20	76	76	65	60	50	20	10	18	15	20	30	60
21	76	76	65	60	50	10	10	16	15	20	50	60
22	76	76	65	60	50	10	10	16	15	20	50	60
23	76	76	65	60	50	10	10	16	15	20	50	60
24	76	76	65	60	50	10	10	16	15	20	50	60
25	76	76	65	60	50	10	10	16	15	20	50	60
26	76	76	65	60	50	10	10	16	15	20	50	60
27	76	76	65	60	50	10	10	16	15	20	50	60
28	76	76	65	60	50	10	10	16	15	20	50	60
29	76	76	65	60	50	10	10	16	15	20	50	60
30	76	---	65	60	50	10	10	16	15	20	50	60
31	76	---	65	---	50	---	10	16	---	20	---	60
Mean	76	76	67	60	50	23	10	18	15	20	35	60
Max.	76	76	70	60	50	40	10	22	15	20	50	60
Min.	76	76	65	60	50	10	10	16	15	20	25	60
A. F.	4673	4372	4145	3570	3074	1388	615	1142	833	1190	2082	3689
Total Acre Feet	30,833.											

\*Estimated.



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR SANBORN—1925  
Sec. 13, Twp. 1, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	88	88.2	74	46	16	*	21	30	69	85	85
2	12	88	88.2	74	46	16	....	21	30	69	85	85
3	12	88	88.2	74	46	16	....	21	30	69	85	85
4	12	88	88.2	74	46	16	....	21	30	69	85	85
5	12	88	88.2	74	46	16	....	21	30	69	85	85
6	12	88	88.2	74	46	16	....	21	30	69	85	85
7	12	88	88.2	74	46	16	....	21	30	69	85	85
8	12	88	88.2	74	46	16	....	21	30	69	85	85
9	12	88	88.2	74	46	16	....	21	30	69	85	85
10	12	88	88.2	74	46	16	....	21	30	69	85	85
11	12	88	88.2	74	46	16	....	21	30	69	85	85
12	12	88	88.2	74	46	16	....	21	30	69	85	85
13	12	88	88.2	74	46	16	....	21	30	69	85	85
14	12	88	88.2	74	46	16	....	21	30	69	85	85
15	12	88	88.2	74	46	16	....	21	30	69	85	85
16	12	88	88.2	74	46	16	....	21	30	69	85	85
17	12	88	88.2	74	46	16	....	21	30	69	85	85
18	12	88	88.2	74	46	16	....	21	30	69	85	85
19	12	88	88.2	74	46	16	....	21	30	69	85	85
20	12	88	88.2	74	46	16	....	21	30	69	85	85
21	12	88	88.2	74	46	16	....	23	45	69	85	85
22	12	88	88.2	74	46	16	....	23	45	69	85	85
23	12	88	88.2	74	46	16	....	23	45	69	85	85
24	12	88	88.2	74	46	16	....	23	45	69	85	85
25	12	88	88.2	74	46	16	....	23	45	69	85	85
26	12	88	88.2	74	46	16	....	23	45	69	85	85
27	12	88	88.2	74	46	16	....	23	45	69	85	85
28	12	88	88.2	74	46	16	....	23	45	69	85	85
29	12	....	88.2	74	46	16	....	23	45	69	85	85
30	12	....	88.2	74	46	16	....	23	45	69	85	85
31	12	....	88.2	....	46	....	....	23	....	69	....	85
Mean	12	88	88.2	74	46	16	....	22	35	69	85	85
Max.	12	88	88.2	74	46	16	....	23	45	69	85	85
Min.	12	88	88.2	74	46	16	....	21	30	69	85	85
A. F.	738	4887	5423	4403	2828	952	....	1335	2083	4243	5058	5226

\*No Record.

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR SANBORN—1926  
Sec. 13, Twp. 1, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	86	72	7	19	53	8	*	52	68	*
2	....	....	86	72	7	19	53	8	....	52	68	....
3	....	....	86	72	7	19	53	8	....	52	68	....
4	....	....	86	72	7	19	53	8	....	52	68	....
5	....	....	86	72	7	19	53	8	....	52	68	....
6	....	....	86	72	7	19	53	8	....	52	68	....
7	....	....	86	72	7	19	53	8	....	52	68	....
8	....	....	86	72	7	19	53	8	....	52	68	....
9	....	....	86	72	7	19	53	8	....	52	68	....
10	....	....	86	72	7	19	53	8	....	52	68	....
11	....	....	86	56	7	19	53	8	....	52	68	....
12	....	....	86	56	7	19	53	8	....	52	68	....
13	....	....	86	56	7	19	53	8	....	52	68	....
14	....	....	86	56	7	19	53	8	....	52	68	....
15	....	....	86	56	7	19	53	8	....	52	68	....
16	....	....	86	56	46	19	53	62	....	52	68	....
17	....	....	86	56	46	19	53	62	....	52	68	....
18	....	....	86	56	46	19	53	62	....	52	68	....
19	....	....	86	56	46	19	53	62	....	52	68	....
20	....	....	86	56	46	19	53	62	....	52	68	....
21	....	....	73	56	16	16	53	62	....	52	68	....
22	....	....	73	56	16	16	53	62	....	52	68	....
23	....	....	73	56	16	16	53	62	....	52	68	....
24	....	....	73	56	16	16	53	62	....	52	68	....
25	....	....	73	56	16	16	53	62	....	52	68	....
26	....	....	73	56	16	16	53	62	....	52	68	....
27	....	....	73	56	16	16	53	62	....	52	68	....
28	....	....	73	56	16	16	53	62	....	52	68	....
29	....	....	73	56	16	16	53	62	....	52	68	....
30	....	....	73	56	16	16	53	62	....	52	68	....
31	....	....	73	....	16	....	53	62	....	52	....	....
Mean	....	....	80	61	16	18	53	36	....	52	68	....
Max.	....	....	86	72	46	19	53	62	....	52	68	....
Min.	....	....	73	56	7	16	53	8	....	52	68	....
A. F.	....	....	5004	3650	1013	1071	3259	2206	....	3197	4046	....

\*No Record.

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR SANBORN—1927**  
 Sec. 13, Twp. 1, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	75	87	88	93	57	14	11	30	24	62	53	82
2	75	87	88	93	57	14	11	30	24	62	53	82
3	75	87	88	93	57	14	11	30	24	62	53	82
4	75	87	88	93	57	14	11	30	24	62	53	82
5	75	87	88	93	57	14	11	30	24	62	53	82
6	75	87	88	93	57	14	11	30	24	62	53	82
7	75	87	88	93	57	14	11	30	24	62	53	82
8	75	87	88	93	57	14	11	30	24	62	53	82
9	75	87	88	93	57	14	11	30	24	62	53	82
10	75	87	88	93	57	14	11	30	24	62	53	82
11	75	87	88	93	57	14	11	30	24	62	53	82
12	75	87	88	93	57	14	11	30	24	62	53	82
13	75	87	88	93	57	14	11	30	24	62	53	82
14	75	87	88	93	57	14	11	30	24	62	53	82
15	75	87	88	93	57	14	11	30	24	62	53	82
16	75	87	88	93	57	14	11	30	24	62	53	82
17	75	87	88	93	57	14	11	30	24	62	53	82
18	75	87	88	93	57	14	11	30	24	62	53	82
19	75	87	88	93	57	14	11	30	24	62	53	82
20	75	87	88	93	57	14	11	30	24	62	53	82
21	75	87	88	93	13	14	17	30	24	62	65	51
22	75	87	88	93	13	14	17	30	24	62	65	51
23	75	87	88	93	13	14	17	30	24	62	65	51
24	75	87	88	93	13	14	17	30	24	62	65	51
25	75	87	88	93	13	14	17	30	24	62	65	51
26	75	87	88	93	13	14	17	30	24	62	65	51
27	75	87	88	93	13	14	17	30	24	62	65	51
28	75	87	88	93	13	14	17	30	24	62	65	51
29	75	---	88	93	13	14	17	30	24	62	65	51
30	75	---	88	93	13	14	17	30	24	62	65	51
31	75	---	88	---	13	14	17	30	---	62	---	51
Mean	75	87	88	93	41	14	13	30	24	62	57	71
Max.	75	87	88	93	57	14	17	30	24	62	65	82
Min.	75	87	88	93	13	14	11	30	24	62	53	51
A. F.	4611	4831	5410	5533	2544	833	807	1844	1428	3812	3391	4365
Total Acre Feet	39,409.											

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR SANBORN—1928**  
 Sec. 13, Twp. 1, Rge. 42 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	55	57	59	51	69	79	13	13	30	41	76	60
2	55	57	59	51	69	79	13	13	30	41	76	60
3	55	57	59	51	69	79	13	13	30	41	76	60
4	55	57	59	51	69	79	13	13	30	41	76	60
5	55	57	59	51	69	79	13	13	30	41	76	60
6	55	57	59	51	69	79	13	13	30	41	76	60
7	55	57	59	51	69	79	13	13	30	41	76	60
8	55	57	59	51	69	79	13	13	30	41	76	60
9	55	57	59	51	69	79	13	13	30	41	76	60
10	55	57	59	51	69	79	13	13	30	41	76	60
11	55	57	59	51	69	79	13	13	30	41	76	60
12	55	57	59	51	69	79	13	13	30	41	76	60
13	55	57	59	51	69	79	13	13	30	41	76	60
14	55	57	59	51	69	79	13	13	30	41	76	60
15	55	57	59	51	69	79	13	13	30	41	76	60
16	55	58	58	51	69	79	13	13	24	50	65	60
17	55	58	58	51	69	79	13	13	24	50	65	60
18	55	58	58	51	69	79	13	13	24	50	65	60
19	55	58	58	51	69	79	13	13	24	50	65	60
20	55	58	58	51	69	79	13	13	24	50	65	60
21	55	58	58	51	69	79	13	13	24	50	65	60
22	55	58	58	51	69	79	13	13	24	50	65	60
23	55	58	58	51	69	79	13	13	24	50	65	60
24	55	58	58	51	69	79	13	13	24	50	65	60
25	55	58	58	51	69	79	13	13	24	50	65	60
26	55	58	58	51	69	79	48	13	24	50	65	60
27	55	58	58	51	69	79	48	13	24	50	65	60
28	55	58	58	51	69	79	48	13	24	50	65	60
29	55	58	58	51	69	79	48	13	24	50	65	60
30	55	---	58	51	69	79	48	13	24	50	65	60
31	55	---	58	---	69	---	48	13	---	50	---	60
Mean	55	57	58	51	69	79	19	13	27	45	70	60
Max.	55	57	59	51	69	79	48	13	30	50	76	60
Min.	55	57	58	51	69	79	13	13	24	41	67	60
A. F.	3381	3274	3596	3136	4242	4700	1216	799	1607	2897	4195	3659
Total Acre Feet	36,648.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER, SOUTH BRANCH  
NEAR BENKELMAN—1924  
Sec. 19, Twp. 1, Rge. 37 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	87	87	80	60	52	54	8	40	5	*	*	*
2	87	87	80	60	52	54	8	40	5	.....	.....	.....
3	87	87	80	60	52	54	8	40	5	.....	.....	.....
4	87	87	80	60	52	54	8	40	5	.....	.....	.....
5	87	87	80	60	52	54	8	40	5	.....	.....	.....
6	87	87	80	60	52	40	8	63	5	.....	.....	.....
7	87	87	80	60	52	40	8	63	5	.....	.....	.....
8	87	87	80	60	52	40	8	63	5	.....	.....	.....
9	87	87	80	60	52	40	8	63	5	.....	.....	.....
10	87	87	80	60	52	40	8	63	5	.....	.....	.....
11	87	87	80	60	52	20	15	50	5	.....	.....	.....
12	87	87	80	60	52	20	15	50	5	.....	.....	.....
13	87	87	80	60	52	20	15	50	5	.....	.....	.....
14	87	87	80	60	52	20	15	50	5	.....	.....	.....
15	87	87	80	60	52	20	15	50	5	.....	.....	.....
16	87	87	80	60	52	20	15	40	5	.....	.....	.....
17	87	87	80	60	52	20	15	40	5	.....	.....	.....
18	87	87	80	60	52	20	15	40	5	.....	.....	.....
19	87	87	80	60	52	20	15	40	5	.....	.....	.....
20	87	87	80	60	52	20	15	40	5	.....	.....	.....
21	87	87	70	60	54	8	20	25	5	.....	.....	.....
22	87	87	70	60	54	8	20	25	5	.....	.....	.....
23	87	87	70	60	54	8	20	25	5	.....	.....	.....
24	87	87	70	60	54	8	20	25	5	.....	.....	.....
25	87	87	70	60	54	8	20	25	5	.....	.....	.....
26	87	87	70	52	54	8	20	15	5	.....	.....	.....
27	87	87	70	52	54	8	20	15	5	.....	.....	.....
28	87	87	70	52	54	8	20	15	5	.....	.....	.....
29	87	87	70	52	54	8	20	15	5	.....	.....	.....
30	87	87	70	52	54	8	20	15	5	.....	.....	.....
31	87	.....	70	.....	54	.....	20	15	.....	.....	.....	.....
Mean	87	87	75	57	53	23	15	38	5	.....	.....	.....
Max.	87	87	80	60	54	54	8	63	5	.....	.....	.....
Min.	87	87	70	52	52	8	8	15	5	.....	.....	.....
A. F.	5349	5004	4602	3412	3261	1369	893	2340	297	.....	.....	.....

\*No Record.

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER, SOUTH BRANCH  
NEAR BENKELMAN—1925  
Sec. 19, Twp. 1, Rge. 37 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	118	173	73	40	31	0	2.1	3.7	50.0	43.0	*
2	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
3	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
4	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
5	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
6	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
7	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
8	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
9	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
10	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
11	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
12	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
13	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
14	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
15	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
16	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
17	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
18	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
19	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
20	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
21	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
22	.....	118	173	73	40	31	0	58.0	56.8	50.7	43.0	.....
23	.....	118	173	73	40	31	0	58.0	56.8	50.7	43.0	.....
24	.....	118	173	73	40	31	0	58.0	56.8	50.7	43.0	.....
25	.....	118	173	73	40	31	0	58.0	56.8	50.7	43.0	.....
26	.....	118	173	73	40	31	0	5.0	50.0	50.7	43.0	.....
27	.....	118	173	73	40	31	0	5.0	50.0	50.7	43.0	.....
28	.....	118	173	73	40	31	0	5.0	50.0	50.7	43.0	.....
29	.....	.....	173	73	40	31	0	5.0	50.0	50.7	43.0	.....
30	.....	.....	173	73	40	31	0	5.0	50.0	50.7	43.0	.....
31	.....	.....	173	.....	40	.....	0	5.0	.....	50.7	.....	.....
Mean	.....	118	173	73	40	31	0	11.0	20.0	50.5	43.0	.....
Max.	.....	118	173	73	40	31	0	58.0	56.8	50.7	43.0	.....
Min.	.....	118	173	73	40	31	0	2.1	3.7	50.0	43.0	.....
A. F.	.....	6553	10637	4344	2459	1844	0	718	1206	3104	2559	.....

\*No Record.

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER, SOUTH BRANCH  
NEAR BENKELMAN—1926  
Sec. 19, Twp. 1, Rge. 37 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	40	56	9	6	44	39	*	18	32	*
2	...	...	40	56	9	6	44	39	...	18	32	...
3	...	...	40	56	9	6	44	39	...	18	32	...
4	...	...	40	56	9	6	44	39	...	18	32	...
5	...	...	40	56	9	6	44	39	...	18	32	...
6	...	...	40	56	9	6	44	39	...	18	32	...
7	...	...	40	56	9	6	44	39	...	18	32	...
8	...	...	40	56	9	6	44	39	...	18	32	...
9	...	...	40	56	9	6	44	39	...	18	32	...
10	...	...	40	56	9	6	44	39	...	18	32	...
11	...	...	40	29	14	6	44	39	...	18	32	...
12	...	...	40	29	14	10	44	39	...	18	32	...
13	...	...	40	29	14	25	44	39	...	18	32	...
14	...	...	40	29	14	50	44	39	...	18	32	...
15	...	...	40	29	14	100	44	39	...	18	32	...
16	...	...	40	29	14	155	44	39	...	18	32	...
17	...	...	40	29	14	100	44	39	...	18	32	...
18	...	...	40	29	14	50	44	39	...	18	32	...
19	...	...	40	29	14	25	44	39	...	18	32	...
20	...	...	40	29	14	10	44	39	...	18	32	...
21	...	...	43	29	6	6	44	39	...	18	32	...
22	...	...	43	29	6	6	44	39	...	18	32	...
23	...	...	43	29	6	6	44	39	...	18	32	...
24	...	...	43	29	6	6	44	39	...	18	32	...
25	...	...	43	29	6	6	44	39	...	18	32	...
26	...	...	43	29	6	6	44	39	...	18	32	...
27	...	...	43	29	6	6	44	39	...	18	32	...
28	...	...	43	29	6	6	44	39	...	18	32	...
29	...	...	43	29	6	6	44	39	...	18	32	...
30	...	...	43	29	6	6	44	39	...	18	32	...
31	...	...	43	...	6	...	44	39	...	18	...	...
Mean	...	...	41	38	9	25	44	39	...	18	32	...
Max.	...	...	43	56	14	155	44	39	...	18	32	...
Min.	...	...	40	29	6	6	44	39	...	18	32	...
A. F.	...	...	2525	2261	587	1490	2705	3094	...	1107	1904	...

\*No Record.

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER, SOUTH BRANCH  
NEAR BENKELMAN—1927  
Sec. 19, Twp. 1, Rge. 37 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	80	79	73	112	48	66	35	22	24	16	32	47
2	80	79	73	112	48	66	35	22	24	16	32	47
3	80	79	73	112	48	66	35	22	24	16	32	47
4	80	79	73	112	48	66	35	22	24	16	32	47
5	80	79	73	112	48	66	35	22	24	16	32	47
6	80	79	73	112	48	66	35	22	24	16	32	47
7	80	79	73	112	48	66	35	22	24	16	32	47
8	80	79	73	112	48	66	35	22	24	16	32	47
9	80	79	73	112	48	66	35	22	24	16	32	47
10	80	79	73	112	48	66	35	22	24	16	32	47
11	80	79	73	112	23	66	35	22	24	16	32	47
12	80	79	73	112	23	66	35	22	24	16	32	47
13	80	79	73	112	23	66	35	22	24	16	32	47
14	80	79	73	112	23	66	35	22	24	16	32	47
15	80	79	73	112	23	66	35	22	24	16	32	47
16	80	79	73	112	23	66	35	22	24	16	32	47
17	80	79	73	112	23	66	35	22	24	16	32	47
18	80	79	73	112	23	66	35	22	24	16	32	47
19	80	79	73	112	23	66	35	22	24	16	32	47
20	80	79	73	112	23	66	35	22	24	16	32	47
21	80	79	73	112	5	66	18	22	24	16	35	18
22	80	79	73	112	5	66	18	22	24	16	35	18
23	80	79	73	112	5	66	18	22	24	16	35	18
24	80	79	73	112	5	66	18	22	24	16	35	18
25	80	79	73	112	5	66	18	22	24	16	35	18
26	80	79	73	112	5	66	18	22	24	16	35	18
27	80	79	73	112	5	66	18	22	24	16	35	18
28	80	79	73	112	5	66	18	22	24	16	35	18
29	80	...	73	112	5	66	18	22	24	16	35	18
30	80	...	73	112	5	66	18	22	24	16	35	18
31	80	...	73	...	5	...	18	22	...	16	...	17
Mean	80	79	73	112	25	66	29	22	24	16	33	37
Max.	80	79	73	112	48	66	35	22	24	16	35	47
Min.	80	79	73	112	5	66	18	22	24	16	32	18
A. F.	4919	4189	4488	6664	1517	3927	1781	1352	1428	983	1963	2257

Total Acre Feet 35,468.

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER, SOUTH BRANCH  
NEAR BENKELMAN—1928**  
Sec. 19, Twp. 1, Rge. 37 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	57	36	51	39	77	70	66	73	50	26	102	43
2	57	36	51	39	77	70	66	73	50	26	102	43
3	57	36	51	39	77	70	66	73	50	26	102	43
4	57	36	51	39	77	70	66	73	50	26	102	43
5	57	36	51	39	77	70	66	73	50	26	102	43
6	57	36	51	39	77	70	66	73	50	26	102	43
7	57	36	51	39	77	70	66	73	50	26	102	43
8	57	36	51	39	77	70	66	73	50	26	102	43
9	57	36	51	39	77	70	66	73	50	26	102	43
10	57	36	51	39	77	70	66	73	50	26	102	43
11	57	36	51	39	77	70	66	73	50	26	102	43
12	57	36	51	39	77	70	66	73	50	26	102	43
13	57	36	51	39	77	70	66	73	50	26	102	43
14	57	36	51	39	77	70	66	73	50	26	102	43
15	57	36	51	39	77	70	66	73	50	26	102	43
16	57	36	57	39	77	109	116	73	36	65	69	43
17	57	36	57	39	77	200	116	73	36	65	69	43
18	57	36	57	39	77	339	116	73	36	65	69	43
19	57	36	57	39	77	200	116	73	36	65	69	43
20	57	36	57	39	77	100	116	73	36	65	69	43
21	57	36	57	39	77	65	116	73	36	65	69	43
22	57	36	57	39	77	65	116	73	36	65	69	43
23	57	36	57	39	77	65	116	73	36	65	69	43
24	57	36	57	39	77	65	116	73	36	65	69	43
25	57	36	57	39	77	65	116	73	36	65	69	43
26	57	36	57	39	77	65	116	73	36	65	69	43
27	57	36	57	39	77	65	116	73	36	65	69	43
28	57	36	57	39	77	65	116	73	36	65	69	43
29	57	36	57	39	77	65	116	73	36	65	69	43
30	57	.....	57	39	77	65	116	73	36	65	69	43
31	57	.....	57	.....	77	.....	116	73	.....	65	.....	43
Mean	57	36	54	39	77	87	92	73	43	46	35	43
Max.	57	36	57	39	77	339	116	73	50	65	102	43
Min.	57	36	51	39	77	65	66	73	36	26	69	43
A. F.	3505	2070	3326	2320	4735	5234	5645	4439	2559	2836	5088	2644
Total Acre Feet	44,451.											

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR BENKELMAN—1924**  
Sec. 19, Twp. 1, Rge. 37 W.

Date	* Jan.	Feb.	Mar.	Apr.	May	June	* July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	190	190	190	90	90	92	26	106	10	180	180	180
2	190	190	190	90	90	92	26	106	10	180	180	180
3	190	190	190	90	90	92	26	106	10	180	180	180
4	190	190	190	90	90	92	26	106	10	180	180	180
5	190	190	190	90	90	92	26	106	10	180	180	180
6	190	190	190	90	90	92	26	106	10	180	180	180
7	190	190	190	90	90	92	26	106	10	180	180	180
8	190	190	190	90	90	92	26	106	10	180	180	180
9	190	190	190	90	90	92	26	106	10	180	180	180
10	190	190	190	90	90	92	26	106	10	180	180	180
11	190	190	140	90	90	40	26	80	20	180	180	180
12	190	190	140	90	90	40	26	80	20	180	180	180
13	190	190	140	90	90	40	26	80	20	180	180	180
14	190	190	140	90	90	40	26	80	20	180	180	180
15	190	190	140	90	90	40	26	80	20	180	180	180
16	190	190	140	90	92	40	26	60	40	180	180	180
17	190	190	140	90	92	40	26	60	40	180	180	180
18	190	190	140	90	92	40	26	60	40	180	180	180
19	190	190	140	90	92	40	26	60	40	180	180	180
20	190	190	140	90	92	40	26	60	40	180	180	180
21	190	190	100	90	92	26	26	40	60	180	180	180
22	190	190	100	90	92	26	26	40	60	180	180	180
23	190	190	100	90	92	26	26	40	60	180	180	180
24	190	190	100	90	92	26	26	40	60	180	180	180
25	190	190	100	90	92	26	26	40	60	180	180	180
26	190	190	100	90	92	26	26	20	140	180	180	180
27	190	190	100	90	92	26	26	20	140	180	180	180
28	190	190	100	90	92	26	26	20	140	180	180	180
29	190	190	100	90	92	26	26	20	140	180	180	180
30	190	.....	100	90	92	26	26	20	140	180	180	180
31	190	.....	100	.....	92	.....	26	20	.....	180	.....	180
Mean	150	190	140	90	91	53	26	67	47	180	180	180
Max.	190	190	190	90	92	92	26	106	140	180	180	180
Min.	190	190	100	90	90	26	26	20	10	180	180	180
A. F.	11683	16929	8727	5355	5597	3134	1599	4126	2777	11068	10711	11068
Total Acre Feet	86,774.											

\*Estimated.

# HYDROGRAPHIC REPORT—1928

695

## DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR BENKELMAN—1925

Sec. 19, Twp. 1, Rge. 37 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	199	200	85	84	107	75	24	14	92	119	119
2	.....	199	200	85	84	107	75	24	14	92	119	119
3	.....	199	200	85	84	107	75	24	14	92	119	119
4	.....	199	200	85	84	107	75	24	14	92	119	119
5	.....	199	200	85	84	107	75	24	14	92	119	119
6	.....	199	200	85	84	107	75	24	14	92	119	119
7	.....	199	200	85	84	107	75	24	14	92	119	119
8	.....	199	200	85	84	107	75	24	14	92	119	119
9	.....	199	200	85	84	107	75	24	14	92	119	119
10	.....	199	200	85	84	107	75	24	14	92	119	119
11	.....	199	150	84	84	107	35	24	14	92	119	119
12	.....	199	150	84	84	107	35	24	14	92	119	119
13	.....	199	150	84	84	107	35	24	14	92	119	119
14	.....	199	150	84	84	107	35	24	14	92	119	119
15	.....	199	150	84	84	107	35	24	14	92	119	119
16	.....	199	150	84	84	107	18	24	70	92	119	119
17	.....	199	150	84	84	107	18	24	70	92	119	119
18	.....	199	150	84	84	107	18	24	70	92	119	119
19	.....	199	150	84	84	107	18	24	70	92	119	119
20	.....	199	150	84	84	107	18	24	70	92	119	119
21	.....	199	100	84	100	107	18	95	70	92	119	119
22	.....	199	100	84	100	107	18	95	70	92	119	119
23	.....	199	100	84	100	107	18	95	70	92	119	119
24	.....	199	100	84	100	107	18	95	70	92	119	119
25	.....	199	100	84	100	107	18	95	70	92	119	119
26	.....	199	100	84	100	107	18	95	70	92	119	119
27	.....	199	100	84	100	107	18	95	70	92	119	119
28	.....	199	100	84	100	107	18	95	70	92	119	119
29	.....	.....	100	84	100	107	18	95	70	92	119	119
30	.....	.....	100	84	100	107	18	95	70	92	119	119
31	.....	.....	100	.....	100	.....	18	95	.....	92	.....	119
Mean	.....	199	150	84	90	107	42	49	42	92	119	119
Max.	.....	199	200	85	100	107	75	95	70	92	119	119
Min.	.....	199	100	84	84	107	18	24	14	92	119	119
A. F.	.....	11052	9124	5018	5534	6367	2604	3025	2499	5647	7081	7280

\*No Record.

## DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR BENKELMAN—1926

Sec. 19, Twp. 1, Rge. 37 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	110	122	17	20	110	0	*	76	91	*
2	.....	.....	110	122	17	20	110	0	.....	76	91	.....
3	.....	.....	110	122	17	20	110	0	.....	76	91	.....
4	.....	.....	110	122	17	20	110	0	.....	76	91	.....
5	.....	.....	110	122	17	20	110	0	.....	76	91	.....
6	.....	.....	110	122	17	20	110	0	.....	76	91	.....
7	.....	.....	110	122	17	20	110	0	.....	76	91	.....
8	.....	.....	110	122	17	20	110	0	.....	76	91	.....
9	.....	.....	110	122	17	20	110	0	.....	76	91	.....
10	.....	.....	110	122	17	20	110	0	.....	76	91	.....
11	.....	.....	110	72	54	20	110	30	.....	76	91	.....
12	.....	.....	110	72	54	20	110	30	.....	76	91	.....
13	.....	.....	110	72	54	20	110	30	.....	76	91	.....
14	.....	.....	110	72	54	20	110	30	.....	76	91	.....
15	.....	.....	110	72	54	20	110	30	.....	76	91	.....
16	.....	.....	110	72	54	20	110	30	.....	76	91	.....
17	.....	.....	110	72	54	20	110	30	.....	76	91	.....
18	.....	.....	110	72	54	20	110	30	.....	76	91	.....
19	.....	.....	110	72	54	20	110	30	.....	76	91	.....
20	.....	.....	110	72	54	20	110	30	.....	76	91	.....
21	.....	.....	87	72	30	15	110	61	.....	76	91	.....
22	.....	.....	87	72	30	15	110	61	.....	76	91	.....
23	.....	.....	87	72	30	15	110	61	.....	76	91	.....
24	.....	.....	87	72	30	15	110	61	.....	76	91	.....
25	.....	.....	87	72	30	15	110	61	.....	76	91	.....
26	.....	.....	87	72	30	15	110	61	.....	76	91	.....
27	.....	.....	87	72	30	15	110	61	.....	76	91	.....
28	.....	.....	87	72	30	15	110	61	.....	76	91	.....
29	.....	.....	87	72	30	15	110	61	.....	76	91	.....
30	.....	.....	87	72	30	15	110	61	.....	76	91	.....
31	.....	.....	87	.....	30	.....	110	61	.....	76	.....	.....
Mean	.....	.....	102	89	33	18	110	31	.....	76	91	.....
Max.	.....	.....	110	122	54	20	110	61	.....	76	91	.....
Min.	.....	.....	87	72	17	15	110	0	.....	76	91	.....
A. F.	.....	.....	3262	5276	2063	1081	6764	1926	.....	4673	5415	.....

\*No Record.



# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR CULBERTSON—1922 Sec. 21, Twp. 3, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	100	119	404	202	150	114	88	73	170	61	27	35
2	100	120	398	200	148	113	84	77	164	60	27	36
3	100	124	384	198	146	112	80	81	158	58	27	37
4	100	128	375	194	144	111	78	82	148	56	27	38
5	100	131	360	192	142	110	74	84	140	54	27	40
6	100	135	350	190	140	109	68	88	136	53	27	41
7	100	140	340	188	139	104	64	92	130	51	27	42
8	100	145	330	184	138	108	58	96	127	49	27	43
9	100	150	320	182	137	108	54	100	123	47	27	44
10	100	158	310	180	136	108	52	102	118	45	27	45
11	160	160	300	179	135	108	54	110	117	44	27	46
12	160	170	295	177	134	107	58	118	116	43	27	47
13	160	180	288	175	132	107	60	125	114	41	27	48
14	160	190	284	173	131	106	64	130	112	40	27	49
15	160	200	280	172	130	106	68	138	110	39	27	52
16	101	215	274	170	129	106	66	146	104	38	27	53
17	102	230	268	169	128	105	65	154	98	36	27	54
18	103	245	260	167	127	105	64	164	90	34	27	57
19	104	265	258	166	126	104	63	174	87	33	27	58
20	105	280	250	165	124	104	62	178	85	32	27	60
21	106	320	246	162	124	104	63	184	82	31	27	62
22	107	360	240	164	123	103	64	188	79	30	27	64
23	108	370	234	160	122	102	66	192	77	29	27	66
24	109	380	228	158	121	101	67	196	76	28	27	68
25	110	408	222	157	120	100	68	198	74	27	27	72
26	112	410	218	156	119	96	69	190	70	27	27	75
27	113	408	212	155	118	94	70	184	68	27	30	79
28	115	405	210	154	118	92	70	180	66	27	31	84
29	117	.....	208	153	119	90	71	178	64	27	32	88
30	118	.....	205	151	116	89	71	176	62	27	33	94
31	119	.....	204	.....	115	.....	72	174	.....	27	.....	99
Mean	105.8	223	282.4	174.6	129.9	104.3	66.9	140.3	105.6	39	39.3	57.2
Max.	119	410	404	202	150	114	88	198	170	61	33	99
Min.	100	119	204	151	115	89	62	73	62	27	27	35
A. F.	6444	12984	17367	10389	7991	6210	4116	8632	6278	2422	1642	3522
Total Acre Feet	87,997.											

## DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR CULBERTSON—1924 Sec. 21, Twp. 3, Rge. 31 W.

Date	Jan.	* Feb.	* Mar.	Apr.	May	June	* July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	278	300	320	352	192	112	19	100	6	6	60	60
2	278	300	320	352	192	112	19	100	6	6	60	60
3	278	300	320	352	192	112	19	100	6	6	60	60
4	278	300	320	352	192	112	19	100	6	6	60	60
5	278	300	320	352	192	112	19	100	6	6	60	60
6	278	300	320	352	160	112	19	129	6	6	60	60
7	278	300	320	352	160	112	19	129	6	6	60	60
8	278	300	320	352	160	112	19	129	6	6	60	60
9	278	300	320	352	160	112	19	129	6	6	60	60
10	278	300	320	352	160	112	19	129	6	6	60	60
11	278	300	320	260	160	60	19	60	6	6	60	60
12	278	300	320	260	160	60	19	60	6	6	60	60
13	278	300	320	260	160	60	19	60	6	6	60	60
14	278	300	320	260	160	60	19	60	6	6	60	60
15	278	300	320	260	160	60	19	60	6	6	60	60
16	278	300	320	260	140	60	19	40	6	10	60	60
17	278	300	320	260	140	60	19	40	6	10	60	60
18	278	300	320	260	140	60	19	40	6	10	60	60
19	278	300	320	260	140	60	19	40	6	10	60	60
20	278	300	320	260	140	60	19	20	6	20	60	60
21	278	300	320	192	140	19	19	20	6	20	60	60
22	278	300	320	192	140	19	19	20	6	20	60	60
23	278	300	320	192	140	19	19	20	6	20	60	60
24	278	300	320	192	140	19	19	20	6	20	60	60
25	278	300	320	192	140	19	19	6	6	40	60	60
26	278	300	320	192	112	19	19	6	6	40	60	60
27	278	300	320	192	112	19	19	6	6	40	60	60
28	278	300	320	192	112	19	19	6	6	40	60	60
29	278	300	320	192	112	19	19	6	6	40	60	60
30	278	.....	320	192	112	19	19	6	6	40	60	60
31	278	.....	320	.....	112	.....	19	6	.....	40	.....	60
Mean	278	300	320	268	150	64	19	57	6	16	60	60
Max.	278	300	320	352	192	112	19	129	6	40	60	60
Min.	278	300	320	192	112	19	19	6	6	6	60	60
A. F.	17094	17256	19676	15947	9188	3788	1168	3533	357	952	3570	3689
Total Acre Feet	96,218.											
*Estimated.												



**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR CULBERTSON—1925**  
 Sec. 21, Twp. 3, Rge. 31 W.

Date	* Jan.	Feb.	Mar.	Apr.	* May	June	* July	Aug.	Sept.	Oct.	Nov.	Dec.
1	400	490	374	184	130	98	100	28	3	110	166	†
2	400	490	374	184	130	98	100	28	3	110	166	.....
3	400	490	374	184	130	98	100	28	3	110	166	.....
4	400	490	374	184	130	98	100	28	3	110	166	.....
5	400	490	374	184	130	98	100	28	3	110	166	.....
6	400	490	374	184	130	98	100	28	3	110	166	.....
7	400	490	374	184	130	98	100	28	3	110	166	.....
8	400	490	374	184	130	98	100	28	3	110	166	.....
9	400	490	374	184	130	98	100	28	3	110	166	.....
10	400	490	374	184	130	98	100	28	3	110	166	.....
11	400	490	374	184	130	98	100	28	3	110	166	.....
12	400	490	374	184	130	98	100	28	3	110	166	.....
13	400	490	374	184	130	98	100	28	3	110	166	.....
14	400	490	374	184	130	98	100	28	3	110	166	.....
15	400	490	374	184	130	98	100	28	3	110	166	.....
16	400	490	374	184	130	98	50	28	172	110	166	.....
17	400	490	374	184	130	98	50	27	172	110	166	.....
18	400	490	374	184	130	98	50	50	172	110	166	.....
19	400	490	374	184	130	98	50	200	172	110	166	.....
20	400	490	374	184	130	98	50	310	172	110	166	.....
21	400	490	374	184	130	98	50	150	172	110	166	.....
22	400	490	374	184	130	98	50	100	172	110	166	.....
23	400	490	374	184	130	98	50	50	172	110	166	.....
24	400	490	374	184	130	98	50	30	172	110	166	.....
25	400	490	374	184	130	98	50	30	172	110	166	.....
26	400	490	374	184	130	98	40	20	172	110	166	.....
27	400	490	374	184	130	98	40	20	172	110	166	.....
28	400	490	374	184	130	98	40	20	172	110	166	.....
29	400	.....	374	184	130	98	40	20	172	110	166	.....
30	400	.....	374	184	130	98	40	20	172	110	166	.....
31	400	.....	374	.....	130	.....	40	20	.....	110	.....	.....
Mean	400	490	374	184	130	98	72	49	93	110	166	.....
Max.	400	490	374	184	130	98	100	310	172	110	166	.....
Min.	400	490	374	184	130	98	40	20	3	110	166	.....
A. F.	24595	27214	22997	10949	7993	5831	4443	3007	5504	6764	9878	.....

\*Estimated.

†No Record.

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR CULBERTSON—1926**  
 Sec. 21, Twp. 3, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	180	199	189	35	3	117	0	*	64	120	*
2	.....	180	199	189	35	3	117	0	.....	64	120	.....
3	.....	180	199	189	35	3	117	0	.....	64	120	.....
4	.....	180	199	189	35	3	117	0	.....	64	120	.....
5	.....	180	199	189	35	3	117	0	.....	64	120	.....
6	.....	180	199	189	35	3	117	0	.....	64	120	.....
7	.....	180	199	189	35	3	117	0	.....	64	120	.....
8	.....	180	199	189	35	3	117	0	.....	64	120	.....
9	.....	180	199	189	35	3	117	0	.....	64	120	.....
10	.....	180	199	189	35	3	117	0	.....	64	120	.....
11	.....	180	146	117	72	3	117	0	.....	64	120	.....
12	.....	180	146	117	72	3	117	0	.....	64	120	.....
13	.....	180	146	117	72	3	117	0	.....	64	120	.....
14	.....	180	146	117	72	3	117	0	.....	64	120	.....
15	.....	180	146	117	72	3	117	0	.....	64	120	.....
16	.....	180	146	117	72	3	117	0	.....	64	120	.....
17	.....	180	146	117	72	3	117	0	.....	64	120	.....
18	.....	180	146	117	72	3	117	0	.....	64	120	.....
19	.....	180	146	117	72	3	117	0	.....	64	120	.....
20	.....	180	146	117	72	3	117	0	.....	64	120	.....
21	.....	180	146	117	25	1	117	37	.....	64	120	.....
22	.....	180	146	117	25	1	117	37	.....	64	120	.....
23	.....	180	146	117	25	1	117	37	.....	64	120	.....
24	.....	180	146	117	25	1	117	37	.....	64	120	.....
25	.....	180	146	117	25	1	117	37	.....	64	120	.....
26	.....	180	146	117	25	1	117	37	.....	64	120	.....
27	.....	180	146	117	25	1	117	37	.....	64	120	.....
28	.....	180	146	117	25	1	117	37	.....	64	120	.....
29	.....	.....	146	117	25	1	117	37	.....	64	120	.....
30	.....	.....	146	117	25	1	117	37	.....	64	120	.....
31	.....	.....	146	.....	25	.....	117	37	.....	64	.....	.....
Mean	.....	180	163	141	42	2	117	13	.....	64	120	.....
Max.	.....	180	199	189	72	3	117	37	.....	64	120	.....
Min.	.....	180	146	117	25	1	117	0	.....	64	120	.....
A. F.	.....	9997	10028	8390	2569	139	7194	807	.....	3935	7140	.....

\*No Record.

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR CULBERTSON—1927  
Sec. 21, Twp. 3, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	226	226	272	272	200	100	33	158	5	72	118	100
2	226	226	272	272	200	100	33	158	5	72	118	100
3	226	226	272	272	200	100	33	158	5	72	118	100
4	226	226	272	272	200	100	33	158	5	72	118	100
5	226	226	272	272	200	100	33	158	5	72	118	100
6	226	226	272	272	200	100	33	158	5	72	118	100
7	226	226	272	272	200	100	33	158	5	72	118	100
8	226	226	272	272	200	100	33	158	5	72	118	100
9	226	226	272	272	200	100	33	158	5	72	118	100
10	226	226	272	272	200	100	33	158	5	72	118	100
11	226	226	272	300	76	174	33	32	5	72	118	60
12	226	226	272	300	76	174	33	32	5	72	118	60
13	226	226	272	300	76	174	33	32	5	72	118	60
14	226	226	272	300	76	174	33	32	5	72	118	60
15	226	226	272	300	76	174	33	32	5	72	118	60
16	226	226	272	530	76	174	33	32	5	72	118	60
17	226	226	272	530	76	174	33	32	5	72	118	60
18	226	226	272	530	76	174	33	32	5	72	118	60
19	226	226	272	530	76	174	33	32	5	72	118	60
20	226	226	272	530	76	174	33	32	5	72	118	60
21	226	226	272	257	3	174	34	32	5	72	118	60
22	226	226	272	257	3	174	34	32	5	72	118	60
23	226	226	272	257	3	174	34	32	5	72	118	60
24	226	226	272	257	3	174	34	32	5	72	118	60
25	226	226	272	257	3	174	34	32	5	72	118	60
26	226	226	272	257	3	174	34	32	5	72	118	60
27	226	226	272	257	3	174	34	32	5	72	118	60
28	226	226	272	257	3	174	34	32	5	72	118	60
29	226	.....	272	257	3	174	34	32	5	72	118	60
30	226	.....	272	257	3	174	34	32	5	72	118	60
31	226	.....	272	.....	3	.....	34	32	.....	72	.....	60
Mean	226	226	272	281	90	116	33	173	5	72	118	73
Max.	226	226	272	530	200	174	34	158	5	72	118	100
Min.	226	226	272	254	3	100	33	32	5	72	118	60
A. F.	13896	12353	16724	17250	5539	9520	2050	4466	297	4427	7021	4482
Total Acre Feet	98,025.											

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR CULBERTSON—1928  
Sec. 21, Twp. 3, Rge. 31 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	139	162	187	108	108	200	200	1000	94	76	324	91
2	139	162	187	108	108	200	200	800	94	76	324	91
3	139	162	187	108	108	200	200	400	94	76	324	91
4	139	162	187	108	108	200	200	200	94	76	324	91
5	139	162	187	108	108	200	200	200	94	76	324	91
6	139	162	187	108	108	200	200	153	94	76	324	91
7	139	162	187	108	108	200	200	153	94	76	324	91
8	139	162	187	108	108	200	200	153	94	76	324	91
9	139	162	187	108	108	200	200	153	94	76	324	91
10	139	162	187	108	108	200	200	153	94	76	324	91
11	139	162	187	108	108	200	106	153	94	76	324	91
12	139	162	187	108	108	500	106	153	94	76	324	91
13	139	162	187	108	108	500	106	153	94	76	324	91
14	139	162	187	108	1000	500	106	153	94	76	324	91
15	139	162	187	108	800	500	106	153	94	76	324	91
16	139	162	198	108	400	500	106	153	78	193	185	91
17	139	162	198	108	200	500	7000	153	78	193	185	91
18	139	162	198	108	200	500	5000	153	78	193	185	91
19	139	162	198	108	1237	500	3000	153	78	193	185	91
20	139	162	198	108	1000	500	1000	153	78	193	185	91
21	139	162	198	108	500	948	800	153	78	193	185	91
22	139	162	198	108	108	800	800	153	78	193	185	91
23	139	162	198	108	108	400	800	153	78	193	185	91
24	139	162	198	108	108	200	800	153	78	193	185	91
25	139	162	198	108	108	200	800	153	78	193	185	91
26	139	162	198	108	108	200	600	153	78	193	185	91
27	139	162	198	108	108	200	600	153	78	193	185	91
28	139	162	198	108	108	200	600	153	78	193	185	91
29	139	162	198	108	108	200	10000	153	78	193	185	91
30	139	.....	198	108	108	200	6000	153	78	193	185	91
31	139	.....	198	.....	108	.....	2000	153	.....	193	.....	91
Mean	139	162	192	108	255	341	1365	212	86	136	254	91
Max.	139	162	198	108	1237	948	10000	1000	94	193	324	91
Min.	139	162	187	108	108	200	106	153	78	76	185	91
A. F.	8547	9318	9864	6426	15727	20327	84172	13047	5117	8384	15144	5595
Total Acre Feet	201,668.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR McCOOK—1924  
Sec. 31, Twp. 3, Rge. 29 W.

Date	* Jan.	Feb.	Mar.	Apr.	May	June	* July	Aug.	Sept.	* Oct.	* Nov.	* Dec.
1	510	510	530	560	360	80	80	100	0	50	200	350
2	510	510	536	560	300	80	80	100	0	50	200	350
3	510	510	530	560	300	80	80	100	0	50	200	350
4	510	510	530	560	300	80	80	100	0	50	200	350
5	510	510	530	560	300	80	80	100	0	50	200	350
6	510	510	530	560	250	80	80	290	0	50	200	350
7	510	510	530	560	250	80	80	290	0	50	200	350
8	510	510	530	560	250	80	80	290	0	50	200	350
9	510	510	530	560	250	80	80	290	0	50	200	350
10	510	510	530	560	250	80	80	290	0	50	200	350
11	510	510	550	450	250	80	80	290	0	100	250	400
12	510	510	550	450	250	80	80	290	0	100	250	400
13	510	510	550	450	250	80	80	290	0	100	250	400
14	510	510	550	450	250	80	80	290	0	100	250	400
15	510	510	550	450	250	80	80	290	0	100	250	400
16	510	510	550	400	200	80	90	200	0	100	250	400
17	510	510	550	400	200	80	90	200	0	100	250	400
18	510	510	550	400	200	80	90	200	0	100	250	400
19	510	510	550	400	200	80	90	200	0	100	250	400
20	510	510	550	400	200	80	90	200	0	100	250	400
21	510	510	550	350	200	80	90	200	0	150	300	450
22	510	510	550	350	200	80	90	200	0	150	300	450
23	510	510	550	350	200	80	90	200	0	150	300	450
24	510	510	550	350	200	80	90	200	0	150	300	450
25	510	510	550	350	200	80	90	200	0	150	300	450
26	510	510	560	300	150	80	100	100	0	150	300	450
27	510	510	560	300	150	80	100	100	0	150	300	450
28	510	510	560	300	150	80	100	100	0	150	300	450
29	510	510	560	300	150	80	100	100	0	150	300	450
30	510	.....	560	300	150	80	100	100	0	150	300	450
31	510	.....	560	.....	150	.....	100	100	0	150	.....	450
Mean	510	510	550	380	220	80	87	190	0	100	250	400
Max.	510	510	560	560	300	80	100	290	0	150	300	450
Min.	510	510	530	300	150	80	80	100	0	50	200	350
A. F.	31359	29336	33640	22413	13686	4760	5355	11910	0	6248	14876	24694
Total Acre Feet	198,277.											

\*Estimated.

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR McCOOK—1925  
Sec. 31, Twp. 3, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	711	815	480	300	192	150	33	20	233	418	*
2	....	711	815	480	300	192	150	33	20	233	418	....
3	....	711	815	480	300	192	150	33	20	233	418	....
4	....	711	815	480	300	192	150	33	20	233	418	....
5	....	711	815	480	300	192	150	33	20	233	418	....
6	....	711	815	480	300	192	150	33	20	233	418	....
7	....	711	815	480	300	192	150	33	20	233	418	....
8	....	711	815	480	300	192	150	33	20	233	418	....
9	....	711	815	480	300	192	150	33	20	233	418	....
10	....	711	815	480	300	192	150	33	20	233	418	....
11	....	711	815	480	300	192	150	33	20	233	418	....
12	....	711	815	480	300	192	100	33	20	233	418	....
13	....	711	815	480	300	192	100	33	20	233	418	....
14	....	711	815	480	300	192	100	33	20	233	418	....
15	....	711	815	480	300	192	100	33	20	233	418	....
16	....	711	815	480	300	192	100	33	20	233	418	....
17	....	711	815	480	300	192	100	33	40	233	418	....
18	....	711	815	480	300	192	100	33	100	233	418	....
19	....	711	815	480	300	192	100	33	221	233	418	....
20	....	711	815	480	300	192	100	33	221	233	418	....
21	....	711	600	480	300	192	100	33	221	233	418	....
22	....	711	600	480	300	192	50	210	221	233	418	....
23	....	711	600	480	300	192	50	321	221	233	418	....
24	....	711	600	480	300	192	50	200	221	233	418	....
25	....	711	600	480	300	192	50	100	221	233	418	....
26	....	711	600	480	300	192	50	50	221	233	418	....
27	....	711	600	480	300	192	50	20	221	233	418	....
28	....	711	600	480	300	192	50	20	221	233	418	....
29	....	.....	600	480	300	192	50	20	221	233	418	....
30	....	.....	600	480	300	192	50	20	221	233	418	....
31	....	.....	600	.....	300	.....	50	20	.....	233	.....	....
Mean	....	711	740	480	300	192	98	52	103	233	418	....
Max.	....	711	815	480	300	192	150	210	221	233	418	....
Min.	....	711	600	480	300	192	50	20	20	233	418	....
A. F.	....	39487	45422	28562	18446	11425	6050	3255	6172	14327	24873	....

\*No Record.

# HYDROGRAPHIC REPORT—1928

701

## DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR McCOOK—1926

Sec. 31, Twp. 3, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	473	362	334	37	100	258	260	*	161	190	*
2		473	362	334	37	100	258	260		161	190	
3		473	362	334	37	100	258	260		161	190	
4		473	362	334	37	100	258	260		161	190	
5		473	362	334	37	100	258	260		161	190	
6		473	362	334	37	100	258	260		161	190	
7		473	362	334	37	100	258	260		161	190	
8		473	362	334	37	100	258	260		161	190	
9		473	362	334	37	100	258	260		161	190	
10		473	362	334	37	100	258	260		161	190	
11		473	362	334	37	100	258	350		161	190	
12		473	304	154	158	100	258	792		161	190	
13		473	304	154	158	100	258	500		161	190	
14		473	304	154	158	150	258	450		161	190	
15		473	304	154	158	200	258	300		161	190	
16		473	304	154	158	250	258	250		161	190	
17		473	304	154	158	300	258	200		151	190	
18		473	304	154	158	391	258	150		161	190	
19		473	304	154	158	300	258	100		161	190	
20		473	304	154	158	200	258	100		161	190	
21		473	304	154	106	75	258	96		161	190	
22		473	304	154	103	50	258	96		161	190	
23		473	304	154	106	25	258	96		161	190	
24		473	304	154	106	20	258	96		161	190	
25		473	304	154	106	10	258	96		161	190	
26		473	304	154	106	2	258	96		161	190	
27		473	304	154	106	2	258	96		161	190	
28		473	304	154	106	2	258	96		161	190	
29			304	154	106	2	258	96		161	190	
30			304	154	106	2	258	96		161	190	
31			304		106		258	96		161		
Mean		473	310	214	100	110	258	216		161	190	
Max.		473	362	334	158	391	258	792		161	190	
Min.		473	304	154	37	2	258	96		161	190	
A. F.		26269	19239	12734	6181	6508	15864	13265		9913	11306	

\*No Record.

## DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR McCOOK—1927

Sec. 31, Twp. 3, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	400	400	553	729	521	200	36	86	47	18	222	260
2	400	400	553	729	521	200	36	86	47	18	222	260
3	400	400	553	729	521	200	36	86	47	18	222	260
4	400	400	553	729	521	200	36	86	47	18	222	260
5	400	400	553	729	521	200	36	86	47	18	222	260
6	400	400	553	729	521	200	36	86	47	18	222	260
7	400	400	553	729	521	200	36	86	47	18	222	260
8	400	400	553	729	521	200	36	86	47	18	222	260
9	400	400	553	729	521	200	36	86	47	18	222	260
10	400	400	553	729	521	200	36	86	47	18	222	260
11	400	400	553	729	239	400	36	42	47	100	222	260
12	400	400	553	729	239	400	36	42	47	100	222	260
13	400	400	553	729	239	400	36	42	47	100	222	260
14	400	400	553	729	239	400	36	42	47	100	222	260
15	400	400	553	729	239	400	36	42	47	100	222	260
16	400	400	553	729	239	400	36	42	47	100	222	260
17	400	400	553	729	239	400	36	42	47	100	222	260
18	400	400	553	729	239	400	36	42	47	100	222	260
19	400	400	553	729	239	400	36	42	47	100	222	260
20	400	400	553	729	239	400	36	42	47	100	222	260
21	400	400	553	729	24	822	29	42	47	200	222	158
22	400	400	553	729	24	822	29	42	47	200	222	158
23	400	400	553	729	24	822	29	42	47	200	222	158
24	400	400	553	729	24	822	29	42	47	200	222	158
25	400	400	553	729	24	822	29	42	47	200	222	158
26	400	400	553	729	24	822	29	42	47	200	222	158
27	400	400	553	729	24	822	29	42	47	200	222	158
28	400	400	553	729	24	822	29	42	47	200	222	158
29	400		553	729	24	822	29	42	47	200	222	158
30	400		553	729	24	822	29	42	47	200	222	158
31	400		553		24		29	42		200		158
Mean	400	400	553	729	233	474	33	56	47	103	222	223
Max.	400	400	553	729	521	822	36	86	47	200	222	260
Min.	400	400	553	729	24	200	29	42	47	18	222	158
A. F.	24595	22215	34003	43379	15598	28200	2060	3455	2796	6704	13210	13761

Total Acre Feet 209,976.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR McCOOK—1928  
Sec. 31, Twp. 3, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	343	337	388	272	*	300	578	1000	150	120	686	211
2	343	337	388	272	....	300	578	800	150	120	686	211
3	343	337	388	272	....	300	578	400	150	120	686	211
4	343	337	388	272	....	300	578	300	150	120	686	211
5	343	337	388	272	....	300	578	300	150	120	686	211
6	343	337	388	272	....	300	578	275	150	120	686	211
7	343	337	388	272	....	300	578	275	150	120	686	211
8	343	337	388	272	....	300	578	275	150	120	686	211
9	343	337	388	272	....	300	578	275	150	120	686	211
10	343	337	388	272	....	300	578	275	150	120	686	211
11	343	337	388	272	....	300	578	275	150	120	686	211
12	343	337	388	272	....	300	578	275	150	120	686	211
13	343	337	388	272	....	300	578	275	150	120	686	211
14	343	337	388	272	....	300	578	275	150	120	686	211
15	343	337	388	272	....	300	578	275	150	120	686	211
16	343	337	359	272	....	300	578	275	129	300	411	211
17	343	337	359	272	....	300	578	275	129	300	411	211
18	343	337	359	272	....	300	578	275	129	300	411	211
19	343	337	359	272	....	1745	578	275	129	300	411	211
20	343	337	359	272	....	1200	578	275	129	300	411	211
21	343	337	359	272	....	900	1225	275	129	300	411	211
22	343	337	359	272	....	500	1225	275	129	300	411	211
23	343	337	359	272	....	500	1225	275	129	300	411	211
24	343	337	359	272	....	500	1225	275	129	300	411	211
25	343	337	359	272	....	500	1225	275	129	300	411	211
26	343	337	359	272	....	500	895	275	129	300	411	211
27	343	337	359	272	....	500	895	275	129	300	411	211
28	343	337	359	272	....	500	895	275	129	300	411	211
29	343	337	359	272	....	500	8830	275	129	300	411	211
30	343	.....	359	272	....	500	4000	275	129	300	411	211
31	343	.....	359	.....	....	.....	2000	275	.....	300	.....	211
Mean	343	337	373	272	....	458	1135	320	136	213	548	211
Max.	343	337	388	272	....	1745	8830	1000	150	300	686	211
Min.	343	337	359	272	....	300	578	275	129	120	411	211
A. F.	21091	19385	22937	16185	....	27263	69819	19736	8300	13091	32638	12974

Total Acre Feet, Eleven Months, 263,419.

\*No Record.

DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR ARAPAHOE—1924  
Sec. 27, Twp. 4, Rge. 23 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	* July	Aug.	Sept.	Oct.	Nov.	Dec.
1	600	600	600	660	300	80	80	80	10	†	†	†
2	600	600	600	660	300	80	80	80	10	....	....	....
3	600	600	600	660	300	80	80	80	10	....	....	....
4	600	600	600	660	300	80	80	80	10	....	....	....
5	600	600	600	660	300	80	80	80	10	....	....	....
6	600	600	600	660	300	80	80	80	10	....	....	....
7	600	600	600	660	300	80	80	80	10	....	....	....
8	600	600	600	660	300	80	80	80	10	....	....	....
9	600	600	600	660	300	80	80	80	10	....	....	....
10	600	600	600	660	300	80	80	80	10	....	....	....
11	600	600	630	450	200	80	80	50	10	....	....	....
12	600	600	630	450	200	80	80	50	10	....	....	....
13	600	600	630	450	200	80	80	50	10	....	....	....
14	600	600	630	450	200	80	80	50	10	....	....	....
15	600	600	630	450	200	80	80	50	10	....	....	....
16	600	600	630	450	200	80	80	50	10	....	....	....
17	600	600	630	450	200	80	80	50	10	....	....	....
18	600	600	630	450	200	80	80	50	10	....	....	....
19	600	600	630	450	200	80	80	50	10	....	....	....
20	600	600	630	450	200	80	80	50	10	....	....	....
21	600	600	650	340	80	80	80	30	10	....	....	....
22	600	600	650	340	80	80	80	30	10	....	....	....
23	600	600	650	340	80	80	80	30	10	....	....	....
24	600	600	650	340	80	80	80	30	10	....	....	....
25	600	600	650	340	80	80	80	30	10	....	....	....
26	600	600	650	340	80	80	80	30	10	....	....	....
27	600	600	650	340	80	80	80	30	10	....	....	....
28	600	600	650	340	80	80	80	30	10	....	....	....
29	600	600	650	340	80	80	80	30	10	....	....	....
30	600	.....	650	340	80	80	80	30	10	....	....	....
31	600	.....	650	.....	80	.....	80	30	....	....	....	....
Mean	600	600	630	480	190	80	80	53	10	....	....	....
Max.	600	600	650	660	300	80	80	80	10	....	....	....
Min.	600	600	600	340	80	80	80	30	10	....	....	....
A. F.	36893	24513	38579	28761	11662	4760	4919	3233	595	....	....	....

\*Estimated.

†No Record.

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR ARAPAHOE—1926**  
 Sec. 27, Twp. 4, Rge. 23 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	476	469	398	56	100	29	188	*	168	232	*
2	....	476	469	398	56	100	29	188	....	168	232	....
3	....	476	469	398	56	100	29	188	....	168	232	....
4	....	476	469	398	56	100	29	188	....	168	232	....
5	....	476	469	396	56	100	29	188	....	168	232	....
6	....	476	469	396	56	100	29	188	....	168	232	....
7	....	476	469	396	56	100	29	188	....	168	232	....
8	....	476	469	396	56	100	29	188	....	168	232	....
9	....	476	469	396	56	100	29	188	....	168	232	....
10	....	476	469	396	56	100	29	188	....	168	232	....
11	....	476	437	261	210	227	29	188	....	168	232	....
12	....	476	437	261	210	227	29	188	....	168	232	....
13	....	476	437	261	210	227	29	188	....	168	232	....
14	....	476	437	261	210	227	29	188	....	168	232	....
15	....	476	437	261	210	227	29	188	....	168	232	....
16	....	476	437	261	210	227	29	188	....	168	232	....
17	....	476	437	261	210	227	29	188	....	168	232	....
18	....	476	437	261	210	227	29	188	....	168	232	....
19	....	476	437	261	210	227	29	188	....	168	232	....
20	....	476	437	261	210	227	29	188	....	168	232	....
21	....	476	437	461	84	29	29	188	....	168	232	....
22	....	476	437	461	84	29	29	188	....	168	232	....
23	....	476	437	461	84	29	29	188	....	168	232	....
24	....	476	437	461	84	29	29	188	....	168	232	....
25	....	476	437	461	84	29	29	188	....	168	232	....
26	....	476	437	461	84	29	29	188	....	168	232	....
27	....	476	437	461	84	29	29	188	....	168	232	....
28	....	476	437	461	84	29	29	188	....	168	232	....
29	....	.....	437	461	84	29	29	188	....	168	232	....
30	....	.....	437	461	84	29	29	188	....	168	232	....
31	....	.....	437	.....	84	.....	29	188	....	168	.....	....
Mean	....	476	446	307	119	119	29	188	....	168	232	....
Max.	....	476	469	398	210	227	29	188	....	168	232	....
Min.	....	476	437	261	56	29	29	188	....	168	232	....
A. F.	....	26436	27505	18248	7109	7061	1781	11671	....	10330	13805	....

\*No Record.

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR ARAPAHOE—1937**  
 Sec. 27, Twp. 4, Rge. 23 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	500	500	665	665	556	97	80	233	87	139	163	162
2	500	500	665	665	556	97	80	233	87	139	163	162
3	500	500	665	665	556	97	80	233	87	139	163	162
4	500	500	665	665	556	97	80	233	87	139	163	162
5	500	500	665	665	556	97	80	233	87	139	163	162
6	500	500	665	665	556	97	80	233	87	139	163	162
7	500	500	665	665	556	97	80	233	87	139	163	162
8	500	500	665	665	556	97	80	233	87	139	163	162
9	500	500	665	665	556	97	80	233	87	139	163	162
10	500	500	665	665	556	97	80	233	87	139	163	162
11	500	500	665	1000	370	97	80	233	87	139	163	162
12	500	500	665	1000	370	97	80	233	87	139	163	162
13	500	500	665	1000	370	97	80	233	87	139	163	162
14	500	500	665	1000	370	97	80	233	87	139	163	162
15	500	500	665	1000	370	97	80	233	87	139	163	162
16	500	500	665	1890	370	97	80	60	87	139	163	162
17	500	500	665	1000	370	97	80	60	87	139	163	162
18	500	500	665	1000	370	97	80	60	87	139	163	162
19	500	500	665	1000	370	97	80	60	87	139	163	162
20	500	500	665	1000	370	97	80	60	87	139	163	162
21	500	500	665	600	97	97	232	56	87	139	163	162
22	500	500	665	600	97	97	232	56	87	139	163	162
23	500	500	665	600	97	97	232	56	87	139	163	162
24	500	500	665	600	97	97	232	56	87	139	163	162
25	500	500	665	600	97	97	232	56	87	139	163	162
26	500	500	665	600	97	97	232	56	87	139	163	162
27	500	500	665	600	97	97	232	56	87	139	163	162
28	500	500	665	600	97	97	232	56	87	139	163	162
29	500	.....	665	600	97	97	232	56	87	139	163	162
30	500	.....	665	600	97	97	232	56	87	139	163	162
31	500	.....	665	.....	97	.....	232	56	.....	139	.....	162
Mean	500	500	665	785	333	97	131	121	87	139	163	162
Max.	500	500	665	1890	556	97	232	233	87	139	163	162
Min.	500	500	665	600	97	97	80	56	87	139	163	162
A. F.	30744	27769	40889	46691	20483	5771	8235	7430	5176	8547	9699	9961

Total Acre Feet 221,395.

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER NEAR OXFORD—1924**  
 Sec. 12, Twp. 3, Rge. 21 W.

Date	Jan.	* Feb.	* Mar.	Apr.	May	June	* July	Aug.	Sept.	Oct.	Nov.	Dec.
1	850	850	900	1010	400	170	110	180	40	†	†	†
2	850	850	900	1010	400	170	110	180	40	.....	.....	.....
3	850	850	900	1010	400	170	110	180	40	.....	.....	.....
4	850	850	900	1010	400	170	110	180	40	.....	.....	.....
5	850	850	900	1010	400	170	110	180	40	.....	.....	.....
6	850	850	900	1010	400	170	110	180	40	.....	.....	.....
7	850	850	900	1010	400	170	110	180	40	.....	.....	.....
8	850	850	900	1010	400	170	110	180	40	.....	.....	.....
9	850	850	900	1010	400	170	110	180	40	.....	.....	.....
10	850	850	900	1010	400	170	110	180	40	.....	.....	.....
11	850	850	950	800	250	130	150	120	40	.....	.....	.....
12	850	850	950	800	250	130	150	120	40	.....	.....	.....
13	850	850	950	800	250	130	150	120	40	.....	.....	.....
14	850	850	950	800	250	130	150	120	40	.....	.....	.....
15	850	850	950	800	250	130	150	120	40	.....	.....	.....
16	850	850	950	800	250	130	150	120	40	.....	.....	.....
17	850	850	950	800	250	130	150	120	40	.....	.....	.....
18	850	850	950	800	250	130	150	120	40	.....	.....	.....
19	850	850	950	800	250	130	150	120	40	.....	.....	.....
20	850	850	950	800	250	130	150	120	40	.....	.....	.....
21	850	850	1010	500	170	110	170	70	40	.....	.....	.....
22	850	850	1010	500	170	110	170	70	40	.....	.....	.....
23	850	850	1010	500	170	110	170	70	40	.....	.....	.....
24	850	850	1010	500	170	110	170	70	40	.....	.....	.....
25	850	850	1010	500	170	110	170	70	40	.....	.....	.....
26	850	850	1010	500	170	110	170	70	40	.....	.....	.....
27	850	850	1010	500	170	110	170	70	40	.....	.....	.....
28	850	850	1010	500	170	110	170	70	40	.....	.....	.....
29	850	850	1010	500	170	110	170	70	40	.....	.....	.....
30	850	.....	1010	500	170	110	170	70	40	.....	.....	.....
31	850	.....	1010	.....	170	.....	170	70	.....	.....	.....	.....
Mean	850	850	950	770	270	137	145	122	49	.....	.....	.....
Max.	850	850	1010	1010	400	170	170	180	40	.....	.....	.....
Min.	850	850	900	500	170	110	110	70	40	.....	.....	.....
A. F.	52265	48803	58731	45819	16601	8132	8866	7478	2380	.....	.....	.....

\*Estimated.

†No Record.

**DISCHARGE IN SECOND FEET, REPUBLICAN RIVER BELOW THE MOUTH OF  
 MUDDY CREEK—1925**

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	600	700	800	800	400	300	200	72	195	206	300	500
2	600	700	800	800	400	300	200	72	195	206	300	500
3	600	700	800	800	400	300	200	72	195	206	300	500
4	600	700	800	800	400	300	200	72	195	206	300	500
5	600	700	800	800	400	300	200	72	195	206	300	500
6	600	700	800	800	400	300	200	72	195	206	300	500
7	600	700	800	800	400	300	200	72	195	206	300	500
8	600	700	800	800	400	300	200	72	195	206	300	500
9	600	700	800	800	400	300	200	72	195	206	300	500
10	600	700	800	800	400	300	200	72	195	206	300	500
11	600	700	844	545	400	292	100	72	195	206	300	500
12	600	700	844	545	400	292	100	72	195	206	300	500
13	600	700	844	545	400	292	100	72	195	206	300	500
14	600	700	844	545	400	292	100	72	195	206	300	500
15	600	700	844	545	400	292	100	72	195	206	300	500
16	600	700	844	545	400	292	49	72	195	206	300	500
17	600	700	844	545	400	292	49	72	195	206	300	500
18	600	700	844	545	400	292	49	72	195	206	300	500
19	600	700	844	545	400	292	49	72	195	206	300	500
20	600	700	844	545	400	292	49	72	195	206	300	500
21	600	700	844	545	300	292	49	1948	195	206	300	500
22	600	700	844	545	300	292	49	1600	195	206	300	500
23	600	700	844	545	300	292	49	1200	195	206	300	500
24	600	700	844	545	300	292	49	800	195	205	300	500
25	600	700	844	545	300	292	49	400	195	206	300	500
26	600	700	844	545	300	292	49	200	195	206	300	500
27	600	700	844	545	300	292	49	200	195	206	300	500
28	600	700	844	545	300	292	49	200	195	206	300	500
29	600	.....	844	545	300	292	49	200	195	205	300	500
30	600	.....	844	545	300	292	49	200	195	206	300	500
31	600	.....	844	.....	300	.....	49	200	.....	206	.....	500
Mean	600	700	820	630	364	295	106	277	195	206	300	500
Max.	600	700	844	800	400	300	200	1948	195	206	300	500
Min.	600	700	800	545	300	292	49	72	195	206	300	500
A. F.	36893	38877	51023	37488	22413	17534	6513	16637	11603	12666	17851	30744
Total Acre Feet	300,242.											

# HYDROGRAPHIC REPORT—1928

705

## DISCHARGE IN SECOND FEET, ROCK CREEK NEAR PARKS—1925

Sec. 21, Twp. 1, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	22	20	23	15	11	17	16	12	10	15	18	18
2	22	20	23	15	11	17	16	12	10	15	18	18
3	22	20	23	15	11	17	16	12	10	15	18	18
4	22	20	23	15	11	17	16	12	10	15	18	18
5	22	20	23	15	11	17	16	12	10	15	18	18
6	22	20	23	15	11	17	16	12	10	15	18	18
7	22	20	23	15	11	17	16	12	10	15	18	18
8	22	20	23	15	11	17	16	12	10	15	18	18
9	22	20	23	15	11	17	16	12	10	15	18	18
10	22	20	23	15	11	17	16	12	10	15	18	18
11	22	20	23	15	11	17	16	12	10	15	18	18
12	22	20	23	15	11	17	16	12	10	15	18	18
13	22	20	23	15	11	17	16	12	10	15	18	18
14	22	20	23	15	11	17	16	12	10	15	18	18
15	22	20	23	15	11	17	16	12	10	15	18	18
16	22	20	23	15	11	17	16	12	10	15	18	18
17	22	20	23	15	11	17	16	12	10	15	18	18
18	22	20	23	15	11	17	16	12	10	15	18	18
19	22	20	23	15	11	17	16	12	10	15	18	18
20	22	20	23	15	11	17	16	12	10	15	18	18
21	22	20	23	15	11	17	16	9	13	15	18	18
22	22	20	23	15	11	17	16	9	13	15	18	18
23	22	20	23	15	11	17	16	9	13	15	18	18
24	22	20	23	15	11	17	16	9	13	15	18	18
25	22	20	23	15	11	17	16	9	13	15	18	18
26	22	20	23	15	11	17	16	9	13	15	18	18
27	22	20	23	15	11	17	16	9	13	15	18	18
28	22	20	23	15	11	17	16	9	13	15	18	18
29	22	20	23	15	11	17	16	9	13	15	18	18
30	22	20	23	15	11	17	16	9	13	15	18	18
31	22	20	23	15	11	17	16	9	13	15	18	18
Mean	22	20	23	15	11	17	16	11	11	15	18	18
Max.	22	20	23	15	11	17	16	12	13	15	18	18
Min.	22	20	23	15	11	17	16	9	10	15	18	18
A. F.	1309	1111	1414	892	654	1012	983	672	654	922	1071	1107
Total Acre Feet	11,801.											

## DISCHARGE IN SECOND FEET, ROCK CREEK NEAR PARKS—1926

Sec. 21, Twp. 1, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	22	20	16	15	12	11	15	11	14	15	14	18
2	22	20	16	15	12	11	15	11	14	15	14	18
3	22	20	16	15	12	11	15	11	14	15	14	18
4	22	20	16	15	12	11	15	11	14	15	14	18
5	22	20	16	15	12	11	15	11	14	15	14	18
6	22	20	16	15	12	11	15	11	14	15	14	18
7	22	20	16	15	12	11	15	11	14	15	14	18
8	22	20	16	15	12	11	15	11	14	15	14	18
9	22	20	16	15	12	11	15	11	14	15	14	18
10	22	20	16	15	12	11	15	11	14	15	14	18
11	22	20	16	12	12	11	15	14	14	15	14	18
12	22	20	16	12	12	11	15	14	14	15	14	18
13	22	20	16	12	12	11	15	14	14	15	14	18
14	22	20	16	12	12	11	15	14	14	15	14	18
15	22	20	16	12	12	11	15	14	14	15	14	18
16	22	20	16	12	12	11	15	14	14	15	14	18
17	22	20	16	12	12	11	15	14	14	15	14	18
18	22	20	16	12	12	11	15	14	14	15	14	18
19	22	20	16	12	12	11	15	14	14	15	14	18
20	22	20	16	12	12	11	15	14	14	15	14	18
21	22	20	12	12	13	13	15	14	14	15	14	18
22	22	20	12	12	13	13	15	14	14	15	14	18
23	22	20	12	12	13	13	15	14	14	15	14	18
24	22	20	12	12	13	13	15	14	14	15	14	18
25	22	20	12	12	13	13	15	14	14	15	14	18
26	22	20	12	12	13	13	15	14	14	15	14	18
27	22	20	12	12	13	13	15	14	14	15	14	18
28	22	20	12	12	13	13	15	14	14	15	14	18
29	22	20	12	12	13	13	15	14	14	15	14	18
30	22	20	12	12	13	13	15	14	14	15	14	18
31	22	20	12	12	13	13	15	14	14	15	14	18
Mean	22	20	14	13	12	11	15	13	14	15	14	18
Max.	22	20	16	15	13	13	15	14	14	15	14	18
Min.	22	20	12	12	12	12	15	11	14	15	14	18
A. F.	1353	1111	896	773	760	694	922	801	833	922	833	1107
Total Acre Feet	11,005.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, ROCK CREEK NEAR PARKS—1927  
Sec. 21, Twp. 1, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	17	15	10	13	12	13	12	15	12
2	....	....	....	17	15	10	13	12	13	12	15	12
3	....	....	....	17	15	10	13	12	13	12	15	12
4	....	....	....	17	15	10	13	12	13	12	15	12
5	....	....	....	17	15	10	13	12	13	12	15	12
6	....	....	....	17	15	10	13	12	13	12	15	12
7	....	....	....	17	15	10	13	12	13	12	15	12
8	....	....	....	17	15	10	13	12	13	12	15	12
9	....	....	....	17	15	10	13	12	13	12	15	12
10	....	....	....	17	15	10	13	12	13	12	15	12
11	....	....	....	17	16	10	13	12	13	12	15	12
12	....	....	....	17	16	10	13	12	13	12	15	12
13	....	....	....	17	16	10	13	12	13	12	15	12
14	....	....	....	17	16	10	13	12	13	12	15	12
15	....	....	....	17	16	10	13	12	13	12	15	12
16	....	....	....	17	16	10	13	12	13	12	15	12
17	....	....	....	17	16	10	13	12	13	12	15	12
18	....	....	....	17	16	10	13	12	13	12	15	12
19	....	....	....	17	16	10	13	12	13	12	15	12
20	....	....	....	17	16	10	13	12	13	12	15	12
21	....	....	....	20	17	10	14	12	13	12	15	22
22	....	....	....	20	17	10	14	12	13	12	15	22
23	....	....	....	20	17	10	14	12	13	12	15	22
24	....	....	....	20	17	16	14	12	13	12	15	22
25	....	....	....	20	17	10	14	12	13	12	15	22
26	....	....	....	20	17	10	14	12	13	12	15	22
27	....	....	....	20	17	10	14	12	13	12	15	22
28	....	....	....	20	17	10	14	12	13	12	15	22
29	....	....	....	20	17	10	14	12	13	12	15	22
30	....	....	....	20	17	10	14	12	13	12	15	22
31	....	....	....	....	17	....	14	12	....	12	....	22
Mean	....	....	....	18	16	10	13	12	13	12	15	15
Max.	....	....	....	20	17	10	14	12	13	12	15	22
Min.	....	....	....	17	15	10	13	12	13	12	15	12
A. F.	....	....	....	1071	985	595	821	737	774	737	892	956
*No Record.												

DISCHARGE IN SECOND FEET, ROCK CREEK NEAR PARKS—1928  
Sec. 21, Twp. 1, Rge. 39 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17	13	13	12	15	15	17	14	18	13	12	10
2	17	13	13	12	15	15	17	14	18	13	12	10
3	17	13	13	12	15	15	17	14	18	13	12	10
4	17	13	13	12	15	15	17	14	18	13	12	10
5	17	13	13	12	15	15	17	14	18	13	12	10
6	17	13	13	12	15	15	17	14	18	13	12	10
7	17	13	13	12	15	15	17	14	18	13	12	10
8	17	13	13	12	15	15	17	14	18	13	12	10
9	17	13	13	12	15	15	17	14	18	13	12	10
10	17	13	13	12	15	15	17	14	18	13	12	10
11	17	13	13	12	15	15	17	14	18	13	12	10
12	17	13	13	12	15	15	17	14	18	13	12	10
13	17	13	13	12	15	15	17	14	18	13	12	10
14	17	13	13	12	15	15	17	14	18	13	12	10
15	17	13	13	12	15	15	17	14	18	13	12	10
16	17	13	13	12	15	15	13	14	18	13	16	10
17	17	13	13	12	15	15	13	14	18	13	16	10
18	17	13	13	12	15	15	13	14	18	13	16	10
19	17	13	13	12	15	15	13	14	18	13	16	10
20	17	13	13	12	15	15	13	14	18	13	16	10
21	17	13	13	12	15	15	13	14	18	8	16	10
22	17	13	13	12	15	15	13	14	18	8	16	10
23	17	13	13	12	15	15	13	14	18	8	16	10
24	17	13	13	12	15	15	13	14	18	8	16	10
25	17	13	13	12	15	15	13	14	18	8	16	10
26	17	13	13	12	15	15	13	14	18	8	16	10
27	17	13	13	12	15	15	13	14	18	8	16	10
28	17	13	13	12	15	15	13	14	18	8	16	10
29	17	13	13	12	15	15	13	14	18	8	16	10
30	17	....	13	12	15	15	13	14	18	8	16	10
31	17	....	13	....	15	....	13	14	....	8	....	10
Mean	17	13	13	12	15	15	15	14	18	11	14	10
Max.	17	13	13	12	15	15	17	14	18	13	16	10
Min.	17	13	13	12	15	15	13	14	18	8	12	10
A. F.	1045	748	799	714	922	892	918	861	1071	690	833	615
Total Acre Feet 10,108.												

# HYDROGRAPHIC REPORT—1928

707

## DISCHARGE IN SECOND FEET, RUSH CREEK—1927

Sec. 17, Twp. 17, Rge. 45 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	2.0	2.6	0.1	0.5	0.5	0.5	1.0	1.0	*
2	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
3	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
4	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
5	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
6	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
7	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
8	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
9	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
10	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
11	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
12	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
13	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
14	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
15	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
16	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
17	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
18	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
19	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
20	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
21	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
22	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
23	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
24	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
25	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
26	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
27	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
28	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
29	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
30	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
31	...	...	...	...	2.6	...	.5	.5	...	1.0	...	...
Mean	...	...	...	2.0	2.6	0.1	0.5	0.5	0.5	1.0	1.0	...
Max.	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
Min.	...	...	...	2.0	2.6	.1	.5	.5	.5	1.0	1.0	...
A. F.	...	...	...	119	161	6	30	30	30	60	59	...

\*No Record.

## DISCHARGE IN SECOND FEET, SAND CREEK—1922

Sec. 10, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	3	3	3	4	4	4	3	4	4	3	2
2	3	3	3	3	4	4	4	3	4	4	3	2
3	3	3	3	3	4	4	4	3	4	4	3	2
4	3	3	3	3	4	4	4	3	4	4	3	2
5	3	3	3	3	4	4	4	3	4	4	3	2
6	3	3	3	3	4	4	4	3	4	4	3	2
7	3	3	3	3	4	4	4	3	4	4	3	2
8	3	3	3	3	4	5	3	3	4	4	3	2
9	3	3	3	3	4	5	3	3	5	4	3	2
10	3	3	3	3	4	5	3	3	5	4	3	2
11	3	3	3	3	4	5	3	3	5	4	3	2
12	3	3	3	3	4	5	3	3	5	4	3	2
13	3	3	3	3	4	5	3	3	5	4	3	2
14	3	3	3	3	4	5	3	3	5	4	3	2
15	3	3	3	3	4	5	3	3	5	4	3	2
16	3	3	3	3	4	5	3	3	5	4	3	2
17	3	3	3	3	4	5	3	3	5	4	2	2
18	3	3	3	3	4	5	3	3	5	4	2	2
19	3	3	3	3	4	5	3	3	5	4	2	2
20	3	3	3	3	4	5	3	3	5	4	2	2
21	3	3	3	3	4	5	3	4	5	3	2	2
22	3	3	3	3	4	5	3	4	5	3	2	2
23	3	3	3	3	4	5	3	4	5	3	2	2
24	3	3	3	3	4	5	3	4	5	3	2	2
25	3	3	3	3	4	4	3	4	4	3	2	2
26	3	3	3	3	4	4	3	4	4	3	2	2
27	3	3	3	3	4	4	3	4	4	3	2	2
28	3	3	3	3	4	4	3	4	4	3	2	2
29	3	3	3	3	4	4	3	4	4	3	2	2
30	3	3	3	3	4	4	3	4	4	3	2	2
31	3	3	3	3	4	4	3	4	4	3	2	2
Mean	3	3	3	3.5	4	4.6	3.1	3.3	4.5	3.6	2.5	2
Max.	3	3	3	4	4	5	4	4	5	4	3	2
Min.	3	3	3	3	4	4	3	3	4	3	2	2
A. F.	184	166	184	208	245	274	196	206	268	224	149	123
Total Acre Feet	2,427.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SAND CREEK—1923  
Sec. 10, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
2	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
3	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
4	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
5	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
6	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
7	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
8	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
9	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
10	3.0	2.5	1.5	2.5	3.0	3.0	2.0	2.5	3.0	5.5	4.5	4.0
11	3.0	2.0	2.0	2.5	3.0	3.0	3.0	3.0	3.0	6.0	4.2	3.5
12	3.0	2.0	2.0	2.5	3.0	3.0	3.0	3.0	3.0	6.0	4.2	3.5
13	3.0	2.0	2.0	2.5	3.0	3.0	3.0	3.0	3.0	6.0	4.2	3.5
14	3.0	2.0	2.0	2.5	3.0	3.0	3.0	3.0	3.0	6.0	4.2	3.5
15	3.0	2.0	2.0	2.5	3.0	3.0	3.0	3.0	3.0	6.0	4.2	3.5
16	3.0	2.0	2.0	2.5	2.5	2.5	4.0	3.0	3.5	7.0	4.2	3.5
17	3.0	2.0	2.0	2.5	2.5	2.5	4.0	3.0	3.5	6.5	4.2	3.5
18	3.0	2.0	2.0	2.5	2.5	2.5	4.0	3.0	3.5	6.0	4.2	3.5
19	3.0	2.0	2.0	2.5	2.5	2.5	4.0	3.0	3.5	5.0	4.2	3.5
20	3.0	2.0	2.0	2.5	2.5	2.5	4.0	3.0	3.5	5.0	4.2	3.5
21	3.0	1.5	2.5	2.5	2.5	2.5	3.5	3.5	4.0	5.0	4.0	3.5
22	3.0	1.5	2.5	2.5	2.5	2.5	3.5	3.5	4.0	5.0	4.0	3.5
23	3.0	1.5	2.5	2.5	2.5	2.5	3.5	3.5	4.0	5.0	4.0	3.5
24	3.0	1.5	2.5	2.5	2.5	2.5	3.5	3.5	4.0	5.0	4.0	3.5
25	3.0	1.5	2.5	2.5	2.5	2.5	3.5	3.5	4.0	5.0	4.0	3.5
26	3.0	1.5	2.5	2.5	2.5	2.5	3.0	3.5	4.5	5.0	4.0	3.5
27	3.0	1.5	2.5	2.5	2.5	2.5	3.0	3.5	4.5	5.0	4.0	3.5
28	3.0	1.5	2.5	2.5	2.5	2.5	3.0	3.5	4.5	5.0	4.0	3.5
29	3.0	-----	2.5	2.5	2.5	2.5	3.0	3.5	4.5	5.0	4.0	3.5
30	3.0	-----	2.5	2.5	2.5	2.5	3.0	3.5	4.5	5.0	4.0	3.5
31	3.0	-----	2.5	-----	2.5	-----	3.0	3.5	-----	5.0	-----	3.5
Mean	3.0	2.0	2.0	2.5	2.7	2.7	2.9	3.0	3.5	5.5	4.2	3.7
Max.	3.0	2.5	2.5	2.5	3.0	3.0	4.0	3.5	4.0	7.0	4.5	4.0
Min.	3.0	1.5	1.5	2.5	2.5	2.5	2.0	2.5	3.0	5.0	4.0	3.5
A. F.	178.5	113.0	123.9	148.7	168.5	163.6	179.5	185.5	208.2	336.2	251.9	225.1
Total Acre Feet	2,282.6.											

DISCHARGE IN SECOND FEET, SAND CREEK—1924  
Sec. 10, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	4	4	3	1	1	2	0	3	4	4	6
2	4	4	4	3	1	1	2	0	3	4	4	6
3	4	4	4	3	1	1	2	0	3	4	4	6
4	4	4	4	3	1	1	2	0	3	4	4	6
5	4	4	3	3	1	1	2	0	3	4	4	6
6	4	4	3	3	1	1	2	1	3	4	4	6
7	4	4	3	3	1	1	2	1	3	4	4	6
8	4	4	3	3	1	1	2	1	3	4	4	6
9	4	4	2	3	1	1	2	1	3	4	4	6
10	4	4	2	3	1	1	2	1	3	4	4	6
11	4	4	2	3	1	1	2	2	3	4	4	6
12	4	4	2	3	1	1	2	2	3	4	4	6
13	4	4	2	2	1	1	2	2	3	3	4	6
14	4	4	2	2	1	1	2	2	3	3	4	6
15	4	4	2	2	1	1	2	2	3	3	4	6
16	4	4	2	2	1	1	2	2	3	3	4	6
17	4	4	2	2	1	1	2	2	3	3	4	6
18	4	4	2	2	1	1	2	3	3	3	4	6
19	4	4	2	2	1	1	2	3	3	3	4	6
20	4	4	2	2	1	1	2	3	3	3	4	6
21	4	4	2	2	0	1	2	3	4	3	4	6
22	4	4	2	2	0	1	2	3	4	3	4	6
23	4	4	2	2	0	1	1	4	4	2	4	6
24	4	4	2	2	0	2	1	4	4	2	4	6
25	4	4	2	2	0	2	1	4	4	2	4	6
26	4	4	3	2	0	2	1	4	4	2	4	6
27	4	4	3	2	0	2	1	4	4	2	4	6
28	4	4	3	2	0	2	1	4	4	2	4	6
29	4	4	3	1	0	2	0	3	4	2	4	6
30	4	-----	3	1	0	2	0	3	4	2	4	6
31	4	-----	3	-----	0	-----	0	3	-----	2	-----	6
Mean	4	4	3	2	1	1	2	2	3	3	4	6
Max.	4	4	4	3	1	2	2	4	4	4	4	6
Min.	4	4	2	1	0	1	0	0	3	2	4	6
A. F.	246	230	159	139	40	73	99	133	198	208	238	368
Total Acre Feet	2,131.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, SAND CREEK—1925

Sec. 10, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
2	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
3	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
4	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
5	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
6	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
7	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
8	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
9	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
10	4.0	5.8	6.6	5.6	7.8	5.3	2.9	4.2	3.9	4.2	4.0	4.0
11	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
12	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
13	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
14	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
15	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
16	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
17	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
18	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
19	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
20	4.0	5.8	6.6	5.6	7.8	4.8	1.6	5.2	3.9	4.2	4.0	4.0
21	4.0	5.8	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
22	4.0	5.8	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
23	4.0	5.8	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
24	4.0	5.8	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
25	4.0	5.8	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
26	4.0	5.8	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
27	4.0	5.8	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
28	4.0	5.8	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
29	4.0	-----	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
30	4.0	-----	6.6	5.6	7.8	1.8	4.5	5.0	3.7	4.2	4.0	4.0
31	4.0	-----	6.6	-----	7.8	-----	4.5	5.0	-----	4.2	-----	4.0
Mean	4.0	5.8	6.6	5.6	7.8	4.0	3.0	4.8	3.8	4.2	4.0	4.0
Max.	4.0	5.8	6.6	5.6	7.8	5.3	4.5	5.2	3.9	4.2	4.0	4.0
Min.	4.0	5.8	6.6	5.6	7.8	1.8	1.6	4.2	3.7	4.2	4.0	4.0
A. F.	246	322	406	333	479	236	187	295	228	258	238	246
Total Acre Feet	3,474.											

## DISCHARGE IN SECOND FEET, SAND CREEK—1926

Sec. 10, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	4	5	4	5	0.2	8	5	3	2	6	6
2	3	4	5	4	5	.2	8	5	3	2	6	6
3	3	4	5	4	5	.2	8	5	3	2	6	6
4	3	4	5	4	5	.2	8	5	3	2	6	6
5	3	4	5	4	5	.2	8	5	3	2	6	6
6	3	4	5	4	5	.2	8	5	3	2	6	6
7	3	4	5	4	5	.2	8	5	3	2	6	6
8	3	4	5	4	5	.2	8	5	3	2	6	6
9	3	4	5	4	5	.2	8	5	3	2	6	6
10	3	4	5	4	5	.2	8	5	3	2	6	6
11	3	4	5	4	6	.2	8	5	3	2	6	6
12	3	4	5	4	6	.2	8	5	3	2	6	6
13	3	4	5	4	6	.2	8	5	3	2	6	6
14	3	4	5	4	6	.2	8	5	3	2	6	6
15	3	4	5	4	6	.2	8	5	3	2	6	6
16	3	4	5	4	6	.2	8	5	3	2	6	6
17	3	4	5	4	6	.2	8	5	3	2	6	6
18	3	4	5	4	6	.2	8	5	3	2	6	6
19	3	4	5	4	6	.2	8	5	3	2	6	6
20	3	4	5	4	6	.2	8	5	3	2	6	6
21	3	4	5	3	6	3.1	8	5	2	2	6	6
22	3	4	5	3	6	3.1	8	5	2	2	6	6
23	3	4	5	3	6	3.1	8	5	2	2	6	6
24	3	4	5	3	6	3.1	8	5	2	2	6	6
25	3	4	5	3	6	3.1	8	5	2	2	6	6
26	3	4	5	3	6	3.1	4	5	2	2	6	6
27	3	4	5	3	6	3.1	4	5	2	2	6	6
28	3	4	5	3	6	3.1	4	5	2	2	6	6
29	3	-----	5	3	6	3.1	4	5	2	2	6	6
30	3	-----	5	3	6	3.1	4	5	2	2	6	6
31	3	-----	5	-----	6	-----	4	5	-----	2	-----	6
Mean	3	4	5	4	6	1.2	7	5	3	2	6	6
Max.	3	4	5	4	6	3.1	8	5	3	2	6	6
Min.	3	4	5	3	5	.2	4	5	2	2	6	6
A. F.	184	222	307	218	337	69	444	307	158	123	357	369
Total Acre Feet	3,095.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SAND CREEK—1927  
Sec. 10, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	5.0	5.4	4.1	4.5	0.0	2.2	5.7	5.6	2.5
2	.....	.....	.....	5.0	5.4	4.1	4.5	.0	2.2	5.7	5.6	2.5
3	.....	.....	.....	5.0	5.4	4.1	4.5	.0	2.2	5.7	5.6	2.5
4	.....	.....	.....	5.0	5.4	4.1	4.5	.0	2.2	5.7	5.6	2.5
5	.....	.....	.....	5.0	5.4	4.1	4.5	.0	2.2	5.7	5.6	2.5
6	.....	.....	.....	5.0	5.4	4.1	4.5	.0	2.2	5.7	5.6	2.5
7	.....	.....	.....	5.0	5.4	4.1	4.5	.0	2.2	5.7	5.6	2.5
8	.....	.....	.....	5.0	5.4	4.1	4.5	.0	2.2	5.7	5.6	2.5
9	.....	.....	.....	5.0	5.4	4.1	4.5	.0	2.2	5.7	5.6	2.5
10	.....	.....	.....	5.0	5.4	4.1	4.5	.0	2.2	5.7	5.6	2.5
11	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
12	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
13	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
14	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
15	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
16	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
17	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
18	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
19	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
20	.....	.....	.....	5.5	4.4	4.1	4.5	2.2	2.2	3.7	5.6	3.0
21	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
22	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
23	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
24	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
25	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
26	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
27	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
28	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
29	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
30	.....	.....	.....	5.5	4.4	6.6	5.2	2.2	2.2	4.8	5.6	4.2
31	.....	.....	.....	.....	4.4	.....	5.2	2.2	.....	4.8	.....	4.2
Mean	.....	.....	.....	5.3	5.0	5.0	5.0	1.5	2.2	5.0	5.6	3.2
Max.	.....	.....	.....	5.5	5.4	6.6	5.2	2.2	2.2	5.7	5.6	4.2
Min.	.....	.....	.....	5.0	4.4	4.1	4.5	.0	2.2	3.7	5.6	2.5
A. F.	.....	.....	.....	317	289	307	292	91	131	292	333	209

\*No Record.

DISCHARGE IN SECOND FEET, SAND CREEK—1928  
Sec. 10, Twp. 15, Rge. 40 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	6	6	6	2	3	3	3	0	4	4	2
2	5	6	6	6	2	3	3	3	0	4	4	2
3	5	6	6	6	2	3	3	3	0	4	4	2
4	5	6	6	6	2	3	3	3	0	4	4	2
5	5	6	6	6	2	3	3	3	0	4	4	2
6	5	6	6	6	2	3	3	3	0	4	4	2
7	5	6	6	6	2	3	3	3	0	4	3	2
8	5	6	6	6	2	3	3	3	0	4	3	2
9	5	6	6	6	2	3	3	3	0	4	3	2
10	5	6	6	6	2	3	3	3	0	4	3	2
11	5	6	6	6	2	3	3	3	0	4	3	2
12	5	6	6	6	2	3	3	3	0	4	3	2
13	5	6	6	6	2	3	3	3	0	4	3	2
14	5	6	6	6	2	3	3	3	0	4	3	2
15	5	6	6	6	2	3	3	3	0	4	3	2
16	4	6	6	5	2	4	3	0	0	4	4	7
17	4	6	6	5	2	4	3	0	0	4	4	7
18	4	6	6	5	2	4	3	0	0	4	4	7
19	4	6	6	5	2	4	3	0	0	4	4	7
20	4	6	6	5	2	4	3	0	0	4	4	7
21	4	6	6	5	2	4	4	0	0	4	4	7
22	4	6	6	5	2	4	4	0	0	4	4	7
23	4	6	6	5	2	4	4	0	0	4	4	7
24	4	6	6	5	2	4	4	0	0	4	4	7
25	4	6	6	5	2	4	4	0	0	4	4	7
26	4	6	6	5	2	4	4	0	0	4	4	7
27	4	6	6	5	2	4	4	0	0	4	4	7
28	4	6	6	5	2	4	4	0	0	4	4	7
29	4	6	6	5	2	4	4	0	0	4	4	7
30	4	.....	6	5	2	4	4	0	0	4	4	7
31	4	.....	6	.....	2	.....	4	0	.....	4	.....	7
Mean	4	6	6	5	2	4	4	1	0	4	4	5
Max.	5	6	6	6	2	4	4	3	0	4	4	7
Min.	4	6	6	5	2	3	3	0	0	4	3	2
A. F.	276	343	369	327	123	208	206	89	0	246	218	282

Total Acre Feet 2,687.

**DISCHARGE IN SECOND FEET, SCOTTSBLUFF DRAIN—1920**  
 Sec. 25, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13	12	10	9	10	9	14	15	22	20	17	12
2	13	12	10	9	10	9	14	16	23	20	16	12
3	13	12	10	9	10	9	15	16	24	20	16	12
4	12	12	10	9	10	8	16	16	25	20	15	12
5	12	12	10	9	10	8	17	17	26	20	15	12
6	12	12	10	8	10	8	17	17	27	20	15	12
7	12	12	10	8	10	8	18	18	27	20	14	12
8	12	11	10	8	10	8	19	18	27	20	14	12
9	12	11	10	8	10	8	19	19	27	20	14	12
10	12	11	10	8	10	9	20	19	26	20	14	12
11	12	11	10	8	10	10	20	19	26	20	14	12
12	12	11	10	8	10	11	21	20	25	20	14	13
13	12	11	10	8	10	12	21	20	25	20	14	13
14	12	11	10	8	10	13	22	21	25	20	13	13
15	12	11	10	8	10	14	21	21	24	20	13	12
16	12	11	10	8	10	16	21	22	24	20	13	12
17	12	11	9	8	10	20	20	22	23	20	13	12
18	12	11	9	8	10	22	19	22	23	20	13	11
19	12	11	9	9	10	23	19	21	23	20	13	11
20	12	11	9	9	10	22	18	20	22	20	13	11
21	12	10	9	9	10	21	17	19	22	20	13	11
22	12	10	9	9	10	20	16	18	22	20	13	10
23	12	10	9	9	9	20	15	17	22	20	12	10
24	12	10	9	9	9	19	15	16	21	19	12	10
25	12	10	9	9	9	18	14	17	21	19	12	10
26	12	10	9	9	9	17	14	17	21	19	12	10
27	12	10	9	9	9	16	14	18	21	18	12	10
28	12	10	9	9	9	15	14	19	21	18	12	9
29	12	10	9	10	9	14	15	20	20	17	12	9
30	12	—	9	10	9	14	15	21	20	17	12	9
31	12	—	9	—	9	—	15	21	—	17	—	9
Mean	12	11	9	8	10	14	17.8	19	29.5	19.1	13.5	11.2
Max.	13	12	10	10	10	23	22	22	27	20	17	13
Min.	12	10	9	8	9	8	14	15	20	17	12	9
A. F.	744	450	585	514	623	815	1061	1154	1398	1158	805	688
Total Acre Feet	10,005.											

**DISCHARGE IN SECOND FEET, SCOTTSBLUFF DRAIN—1921**  
 Sec. 25, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11	9	11	7	7	4	26	17	26	16	10	10
2	11	9	11	7	7	4	25	17	26	16	10	10
3	11	8	11	7	7	4	23	16	25	16	10	10
4	11	8	11	7	7	4	22	16	25	16	10	10
5	11	9	11	7	7	4	20	16	24	15	9	10
6	11	9	11	7	7	4	19	16	24	15	9	10
7	11	9	11	7	7	4	19	16	24	15	9	10
8	11	9	11	6	7	4	19	16	23	15	9	10
9	10	9	11	6	7	4	19	16	23	15	9	11
10	10	9	11	6	7	9	19	17	23	15	9	11
11	10	10	11	6	7	12	19	18	20	14	9	11
12	10	10	11	6	7	15	18	18	22	14	9	11
13	10	10	10	6	7	18	18	19	22	14	9	11
14	10	10	10	6	7	22	18	19	22	14	9	11
15	10	10	10	6	7	26	18	20	22	14	9	11
16	10	10	10	7	6	29	18	21	21	14	9	11
17	10	10	10	7	6	33	18	22	21	13	9	11
18	10	10	9	7	6	38	18	22	21	13	9	12
19	10	10	9	7	6	41	18	23	20	13	9	12
20	10	10	9	7	6	43	18	23	20	13	9	11
21	10	10	9	7	6	41	18	24	20	13	9	11
22	10	10	9	7	6	40	17	24	19	13	9	11
23	9	10	9	7	5	38	17	25	19	12	9	10
24	9	10	8	7	5	37	17	25	19	12	9	10
25	9	10	8	7	5	35	17	25	18	12	9	10
26	9	11	8	7	5	34	17	26	18	12	9	10
27	9	11	8	7	5	32	17	26	18	11	9	9
28	9	11	8	7	5	31	17	27	17	11	9	9
29	9	—	8	7	5	29	17	26	17	11	9	9
30	9	—	8	7	5	28	17	26	17	11	9	8
31	9	—	8	—	5	—	17	26	—	11	—	8
Mean	9.9	9.7	9.9	6.4	6	22.2	19	20.9	21.3	13.5	9	10.3
Max.	11	11	11	7	7	43	26	27	26	16	10	11
Min.	9	8	8	6	5	4	17	16	17	11	9	8
A. F.	613	539	611	381	367	1323	1150	1285	1267	831	543	633
Total Acre Feet	9,543.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SCOTTSBLUFF DRAIN—1922  
Sec. 25, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7.0	7.0	9.0	10.0	8.0	9.5	18.0	22.0	18.0	21.0	18.0	15.0
2	7.0	7.0	9.0	10.0	8.0	9.5	19.0	22.0	18.0	21.0	18.0	15.0
3	7.0	7.0	9.0	10.0	8.0	9.5	19.5	21.5	20.0	20.0	18.0	15.0
4	7.0	7.0	9.0	10.0	8.0	9.5	19.5	21.5	21.0	20.0	18.0	15.0
5	7.0	7.0	9.0	10.0	8.0	9.5	20.0	21.5	22.0	20.0	17.5	15.0
6	7.0	7.0	9.0	10.0	8.0	10.0	20.5	21.0	23.0	20.0	17.0	15.0
7	7.0	7.0	9.0	10.0	8.0	10.0	21.0	21.0	24.0	20.0	17.0	14.5
8	7.0	7.0	9.0	10.0	8.0	10.0	21.0	21.0	25.0	20.0	17.0	14.5
9	7.0	7.0	9.0	10.0	8.0	10.0	22.0	21.0	26.0	20.0	17.0	14.5
10	7.0	7.0	9.0	10.0	8.0	10.0	22.0	21.0	27.0	20.0	17.0	14.0
11	7.0	7.0	9.0	10.0	8.0	10.5	22.5	20.5	28.0	20.0	17.0	14.0
12	7.0	7.0	9.0	9.5	8.0	10.5	23.0	20.5	29.0	20.0	17.0	14.0
13	7.0	7.5	9.0	9.5	8.0	11.0	23.5	20.0	30.0	20.0	17.0	14.0
14	7.0	7.5	9.0	9.5	8.5	11.0	24.0	20.0	32.0	19.5	17.0	14.0
15	7.0	7.5	9.0	9.0	8.5	11.0	24.0	20.0	31.0	19.5	17.0	14.0
16	7.0	7.5	9.0	9.0	8.5	12.0	24.0	20.0	30.0	19.0	16.5	14.0
17	7.0	8.0	9.0	9.0	8.5	12.0	24.0	20.0	29.0	19.0	16.0	13.5
18	7.0	8.0	9.0	9.0	8.5	13.0	23.5	20.0	29.0	19.0	16.0	13.0
19	7.0	8.0	9.0	9.0	9.0	13.0	23.5	19.5	28.0	19.0	16.0	13.0
20	7.0	8.0	9.0	9.0	9.0	13.0	23.0	19.5	27.0	19.0	16.0	13.0
21	7.0	8.0	9.0	9.0	9.0	14.0	23.0	19.5	27.0	19.0	16.0	12.0
22	7.0	8.0	9.0	9.0	9.0	14.0	23.0	19.0	26.0	19.0	16.0	12.0
23	7.0	8.0	9.0	8.5	9.0	15.0	23.0	19.0	25.0	19.0	16.0	12.0
24	7.0	8.0	9.0	8.5	9.0	15.0	23.0	19.0	24.0	19.0	16.0	12.0
25	7.0	8.0	9.0	8.5	9.0	15.0	23.0	19.0	23.0	19.0	16.0	11.5
26	7.0	8.0	9.0	8.5	9.0	16.0	22.5	19.0	23.0	18.5	15.5	11.0
27	7.0	8.5	9.0	8.5	9.0	16.0	22.5	19.0	22.0	18.5	15.5	11.0
28	7.0	8.5	9.5	8.0	9.0	17.0	22.0	18.5	22.0	18.0	15.0	11.0
29	7.0	.....	9.5	8.0	9.0	17.0	22.0	18.5	21.0	18.0	15.0	11.0
30	7.0	.....	9.5	8.0	9.0	17.5	22.0	18.0	21.0	18.0	15.0	11.0
31	7.0	.....	9.5	.....	9.0	.....	22.0	18.0	.....	18.0	.....	11.0
Mean	7.0	7.5	9.0	9.2	8.5	12.3	22.1	20.0	25.0	19.3	16.4	13.2
Max.	7.0	8.5	9.5	10.0	9.0	17.5	24.0	22.0	32.0	21.0	18.0	15.0
Min.	7.0	7.0	9.0	8.0	8.0	9.5	18.0	18.0	18.0	18.0	15.0	11.0
A. F.	430	418	557	549	523	736	1360	1230	1490	1190	984	812
Total Acre Feet	10,279.											

DISCHARGE IN SECOND FEET, SCOTTSBLUFF DRAIN—1923  
Sec. 25, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	8	4	5	4	6	14	14	16	18	10	10
2	9	8	4	5	4	6	14	14	16	18	10	10
3	9	8	4	5	4	6	14	14	16	18	10	10
4	9	8	4	5	4	6	14	14	16	18	10	10
5	9	8	4	5	4	6	14	14	16	18	10	10
6	9	8	4	5	4	7	16	13	16	16	10	10
7	9	8	4	5	4	7	16	13	16	16	10	10
8	9	8	4	5	4	7	16	13	16	16	10	10
9	9	8	4	5	4	7	16	13	16	16	10	10
10	9	8	4	5	4	7	16	13	16	16	10	10
11	9	7	4	5	4	9	17	12	17	14	9	11
12	9	7	4	5	4	9	17	12	17	14	9	11
13	9	7	4	5	4	9	17	12	17	14	9	11
14	9	7	4	5	4	9	17	12	17	14	9	11
15	9	7	4	5	4	9	17	12	17	14	9	11
16	9	6	4	6	4	10	16	12	17	13	9	11
17	9	6	4	6	4	10	16	12	17	13	9	11
18	9	6	4	6	4	10	16	12	17	13	9	11
19	9	6	4	6	4	10	16	12	17	13	9	11
20	9	6	4	6	4	10	16	12	17	13	9	11
21	9	5	4	6	4	11	16	14	18	11	10	10
22	9	5	4	6	4	11	16	14	18	11	10	10
23	9	5	4	6	4	11	16	14	18	11	10	10
24	9	5	4	6	4	12	16	14	18	11	10	10
25	9	5	4	6	4	12	16	14	18	11	10	10
26	9	5	4	5	5	12	15	16	18	10	10	10
27	9	5	4	5	5	13	15	16	18	10	10	10
28	9	5	4	5	5	13	15	16	18	10	10	10
29	9	.....	4	5	5	13	15	16	18	10	10	10
30	9	.....	4	5	5	13	15	16	18	10	10	10
31	9	.....	4	.....	5	.....	15	16	.....	10	.....	10
Mean	9	6.6	4	5.3	4.1	9.3	15.6	13.5	17	13.5	9.6	10.3
Max.	9	8	4	6	5	13	17	16	18	18	10	11
Min.	9	5	4	5	4	6	14	12	16	10	9	10
A. F.	553	367	246	317	258	557	962	835	1012	833	575	635
Total Acre Feet	7,150.											

# HYDROGRAPHIC REPORT—1928

713

## DISCHARGE IN SECOND FEET, SCOTTSBLUFF DRAIN—1924

Sec. 25, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	8	8	6	5	11	14	21	34	25	17	12
2	8	8	8	6	5	11	14	21	36	25	17	12
3	8	8	8	6	5	12	14	22	38	25	17	12
4	8	8	8	6	5	12	13	23	38	24	17	12
5	8	8	8	6	5	12	13	23	37	24	17	12
6	8	8	8	6	5	12	12	23	36	24	17	12
7	8	8	8	6	5	12	12	24	36	23	17	12
8	8	8	8	6	5	13	12	25	35	23	17	12
9	8	8	8	6	5	14	12	26	34	22	17	12
10	8	8	8	6	5	14	12	26	34	22	17	12
11	8	8	7	6	6	14	12	26	34	22	17	12
12	8	8	7	5	6	14	13	26	33	22	17	12
13	8	8	7	5	6	14	13	26	33	21	17	12
14	8	8	7	4	6	14	14	26	32	20	17	12
15	8	8	7	4	6	14	14	26	32	20	17	12
16	8	8	7	5	6	14	14	26	31	20	17	12
17	8	8	7	5	7	14	15	26	31	20	17	12
18	8	8	7	5	7	14	15	26	30	20	17	12
19	8	8	7	5	8	14	16	26	29	19	17	12
20	8	8	7	5	8	14	16	26	29	19	17	12
21	8	8	6	5	8	14	16	26	29	19	17	12
22	8	8	6	5	8	14	17	26	28	19	17	12
23	8	8	6	5	8	14	17	26	28	18	17	12
24	8	8	6	5	9	14	18	26	27	18	17	12
25	8	8	6	5	9	14	18	26	27	18	17	12
26	8	8	6	5	9	14	19	26	27	18	17	12
27	8	8	6	5	9	14	19	26	26	18	17	12
28	8	8	6	5	10	14	20	27	26	18	17	12
29	8	8	6	5	10	14	20	28	25	18	17	12
30	8	.....	6	5	11	14	21	30	25	17	17	12
31	8	.....	6	.....	11	.....	21	32	.....	17	.....	12
Mean	8	8	7	5	7	13	16	26	31	21	17	12
Max.	8	8	8	6	11	14	21	32	38	25	17	12
Min.	8	8	6	4	5	11	13	21	25	17	17	12
A. F.	492	460	428	315	432	799	944	1603	1864	1265	1012	737
Total Acre Feet	10,351.											

## DISCHARGE IN SECOND FEET, SCOTTSBLUFF DRAIN—1925

Sec. 25, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
2	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
3	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
4	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
5	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
6	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
7	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
8	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
9	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
10	10.8	7.9	9.1	8.2	8.6	13.0	15.0	15.0	15.0	15.6	15.6	11.5
11	10.8	7.9	9.1	5.6	8.6	14.7	15.0	15.0	20.0	15.3	15.6	11.5
12	10.8	7.9	9.1	5.6	8.6	14.7	15.0	15.0	20.0	15.3	15.6	11.5
13	10.8	7.9	9.1	5.6	8.6	14.7	15.0	15.0	20.0	15.3	15.6	11.5
14	10.8	7.9	9.1	5.6	8.6	14.7	15.0	15.0	20.0	15.3	15.6	11.5
15	10.8	7.9	9.1	5.6	8.6	14.7	15.0	15.0	20.0	15.3	15.6	11.5
16	10.8	7.9	9.1	5.6	8.6	14.7	11.6	15.0	20.0	15.3	15.6	11.5
17	10.8	7.9	9.1	5.6	8.6	14.7	11.6	15.0	20.0	15.3	15.6	11.5
18	10.8	7.9	9.1	5.6	8.6	14.7	11.6	15.0	20.0	15.3	15.6	11.5
19	10.8	7.9	9.1	5.6	8.6	14.7	11.6	15.0	20.0	15.3	15.6	11.5
20	10.8	7.9	9.1	5.6	8.6	14.7	11.6	15.0	20.0	15.3	15.6	11.5
21	10.8	7.9	9.1	5.6	8.6	25.0	11.6	15.0	25.0	15.3	15.6	11.5
22	10.8	7.9	9.1	5.6	8.6	25.0	11.6	15.0	25.0	15.3	15.6	11.5
23	10.8	7.9	9.1	5.6	8.6	25.0	11.6	15.0	25.0	15.3	15.6	11.5
24	10.8	7.9	9.1	5.6	8.6	25.0	11.6	15.0	25.0	15.3	15.6	11.5
25	10.8	7.9	9.1	5.6	8.6	25.0	11.6	15.0	25.0	15.3	15.6	11.5
26	10.8	7.9	9.1	5.6	8.6	25.0	20.0	15.0	38.9	15.6	15.6	11.5
27	10.8	7.9	9.1	5.6	8.6	25.0	20.0	15.0	38.9	15.6	15.6	11.5
28	10.8	7.9	9.1	5.6	8.6	25.0	20.0	15.0	38.9	15.6	15.6	11.5
29	10.8	.....	9.1	5.6	8.6	25.0	20.0	15.0	38.9	15.6	15.6	11.5
30	10.8	.....	9.1	5.6	8.6	25.0	20.0	15.0	38.9	15.6	15.6	11.5
31	10.8	.....	9.1	.....	8.6	.....	20.0	15.0	.....	15.6	.....	11.5
Mean	10.8	7.9	9.1	3.1	8.6	17.0	14.8	15.0	34.0	15.6	15.6	11.5
Max.	10.8	7.9	9.1	8.2	8.6	25.0	20.0	15.0	38.9	15.6	15.6	11.5
Min.	10.8	7.9	9.1	5.6	8.6	13.0	11.6	15.0	15.0	15.6	15.6	11.5
A. F.	664	438	559	1849	529	1045	914	922	1327	960	928	706
Total Acre Feet	10,841.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SCOTTSBLUFF DRAIN—1926  
Sec. 25, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	9	8	12	6	22	25	21	19	25	9	9
2	10	9	8	12	6	22	25	21	19	25	9	9
3	10	9	8	12	6	22	25	21	19	25	9	9
4	10	9	8	12	6	22	25	21	19	25	9	9
5	10	9	8	12	6	22	25	21	19	25	9	9
6	10	9	8	12	6	22	25	21	19	25	9	9
7	10	9	8	12	6	22	25	21	19	25	9	9
8	10	9	8	12	6	22	25	21	19	25	9	9
9	10	9	8	12	6	22	25	21	19	25	9	9
10	10	9	8	12	6	22	25	21	19	25	9	9
11	10	9	8	12	6	22	25	21	19	25	9	9
12	10	9	8	12	6	22	25	21	19	25	9	9
13	10	9	8	12	6	22	25	21	19	25	9	9
14	10	9	8	12	6	22	25	21	19	25	9	9
15	10	9	8	12	6	22	25	21	19	25	9	9
16	10	9	8	12	13	22	25	21	19	25	9	9
17	10	9	8	12	13	22	25	21	19	25	9	9
18	10	9	8	12	13	22	25	21	19	25	9	9
19	10	9	8	12	13	22	25	21	19	25	9	9
20	10	9	8	12	13	22	25	21	19	25	9	9
21	10	9	8	12	13	10	18	20	19	20	9	9
22	10	9	8	12	13	10	18	20	19	20	9	9
23	10	9	8	12	13	10	18	20	19	20	9	9
24	10	9	8	12	13	10	18	20	19	20	9	9
25	10	9	8	12	13	10	18	20	19	20	9	9
26	10	9	8	12	13	10	18	20	19	20	9	9
27	10	9	8	12	13	10	18	20	19	20	9	9
28	10	9	8	12	13	10	18	20	19	20	9	9
29	10	.....	8	12	13	10	18	20	19	20	9	9
30	10	.....	8	12	13	10	18	20	19	20	9	9
31	10	.....	8	.....	13	.....	18	20	.....	20	.....	9
Mean	10	9	8	12	10	18	23	21	19	23	9	9
Max.	10	9	8	12	13	22	25	21	19	25	9	9
Min.	10	9	8	12	6	10	18	20	19	20	9	9
A. F.	615	500	492	714	591	1071	1384	1269	1130	1428	535	553
Total Acre Feet	10,282.											

DISCHARGE IN SECOND FEET, SCOTTSBLUFF DRAIN—1927  
Sec. 25, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	13	22	13	6	6	14	24	20	18	13	11
2	8	13	22	13	6	6	14	24	20	18	13	11
3	8	13	22	13	6	6	14	24	20	18	13	11
4	8	13	22	13	6	6	14	24	20	18	13	11
5	8	13	22	13	6	6	14	24	20	18	13	11
6	8	13	22	13	6	6	14	24	20	18	13	11
7	8	13	22	13	6	6	14	24	20	18	13	11
8	8	13	22	13	6	6	14	24	20	18	13	11
9	8	13	22	13	6	6	14	24	20	18	13	11
10	8	13	22	13	6	6	14	24	20	18	13	11
11	8	13	22	13	6	6	14	24	20	18	13	11
12	8	13	22	13	6	6	14	24	20	18	13	11
13	8	13	22	13	6	6	14	24	20	18	13	11
14	8	13	22	13	6	6	14	24	20	18	13	11
15	8	13	22	13	6	6	14	24	20	18	13	11
16	8	13	22	13	6	6	14	24	20	18	13	11
17	8	13	22	13	6	6	14	24	20	18	13	11
18	8	13	22	13	6	6	14	24	20	18	13	11
19	8	13	22	13	6	6	14	24	20	18	13	11
20	8	13	22	13	6	6	14	24	20	18	13	11
21	8	13	22	13	6	6	14	25	20	18	11	11
22	8	13	22	13	6	6	14	25	20	18	11	11
23	8	13	22	13	6	6	14	25	20	18	11	11
24	8	13	22	13	6	6	14	25	20	18	11	11
25	8	13	22	13	6	6	14	25	20	18	11	11
26	8	13	22	13	6	6	14	25	20	18	11	11
27	8	13	22	13	6	6	14	25	20	18	11	11
28	8	13	22	13	6	6	14	25	20	18	11	11
29	8	.....	22	13	6	6	14	25	20	18	11	11
30	8	.....	22	13	6	6	14	25	20	18	11	11
31	8	.....	22	.....	6	.....	14	25	.....	18	.....	11
Mean	8	13	22	13	6	6	14	24	20	18	12	11
Max.	8	13	22	13	6	6	14	25	20	18	13	11
Min.	8	13	22	13	6	6	14	24	20	18	11	11
A. F.	492	722	1353	773	269	357	861	1197	1190	1107	734	676
Total Acre Feet	10,131.											

# HYDROGRAPHIC REPORT—1928

715

## DISCHARGE IN SECOND FEET, SCOTTSBLUFF DRAIN—1928 Sec. 25, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	15	15	5	8	27	13	11	11	31	20	15
2	10	15	15	5	8	27	13	11	11	31	20	15
3	10	15	15	5	8	27	13	11	11	31	20	15
4	10	15	15	5	8	27	13	11	11	31	20	15
5	10	15	15	5	8	27	13	11	11	31	20	15
6	10	15	15	5	8	27	13	11	11	31	20	15
7	10	15	15	5	8	27	13	11	11	31	20	15
8	10	15	15	5	8	27	13	11	11	31	20	15
9	10	15	15	5	8	27	13	11	11	31	20	15
10	10	15	15	5	8	27	13	11	11	31	20	15
11	10	15	15	5	8	27	13	11	11	31	20	15
12	10	15	15	5	8	27	13	11	11	31	20	15
13	10	15	15	5	8	27	13	11	11	31	20	15
14	10	15	15	5	8	27	13	11	11	31	20	15
15	10	15	15	5	8	27	13	11	11	31	20	15
16	10	15	15	8	11	15	18	11	24	31	18	15
17	10	15	15	8	11	15	18	11	24	31	18	15
18	10	15	15	8	11	15	18	11	24	31	18	15
19	10	15	15	8	11	15	18	11	24	31	18	15
20	10	15	15	8	11	15	18	11	24	31	18	15
21	10	15	15	8	11	15	18	11	24	31	18	15
22	10	15	15	8	11	15	18	11	24	31	18	15
23	10	15	15	8	11	15	18	11	24	31	18	15
24	10	15	15	8	11	15	18	11	24	31	18	15
25	10	15	15	8	11	15	18	11	24	31	18	15
26	10	15	15	8	11	15	18	11	24	31	18	15
27	10	15	15	8	11	15	18	11	24	31	18	15
28	10	15	15	8	11	15	18	11	24	31	18	15
29	10	15	15	8	11	15	18	11	24	31	18	15
30	10	...	15	8	11	15	18	11	24	31	18	15
31	10	...	15	...	11	...	18	11	...	31	...	15
Mean	10	15	15	7	9	21	15	11	17	31	19	15
Max.	10	15	15	8	11	27	18	11	24	31	20	15
Min.	10	15	15	5	8	15	13	11	11	31	18	15
A. F.	615	863	912	387	587	1249	958	676	1041	1906	1130	122
Total Acre Feet	11,246.											

## DISCHARGE IN SECOND FEET, SHEEP CREEK—1919 Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	0	44	26	25	12	70	76	82	144
2	...	...	...	0	44	25	25	12	63	76	76	144
3	...	...	...	0	44	24	25	12	63	76	76	144
4	...	...	...	0	44	23	31	7	63	102	76	113
5	...	...	...	0	38	22	31	7	70	102	76	95
6	...	...	...	50	57	21	31	7	70	82	76	89
7	...	...	...	38	50	20	31	12	95	76	70	70
8	...	...	...	50	44	18	43	31	95	76	63	70
9	...	...	...	57	44	18	31	12	70	82	63	80
10	...	...	...	50	44	25	31	12	95	82	63	70
11	...	...	...	57	50	18	31	12	95	82	57	89
12	...	...	...	50	44	25	0	12	150	82	63	89
13	...	...	...	57	44	25	0	12	144	76	57	89
14	...	...	...	63	38	25	0	12	95	76	57	95
15	...	...	...	50	44	18	4	12	95	76	50	125
16	...	...	...	57	38	18	1	18	89	76	89	150
17	...	...	...	50	44	18	1	12	95	76	89	140
18	...	...	...	50	44	18	1	18	82	76	82	150
19	...	...	...	50	25	18	1	25	82	108	76	150
20	...	...	...	50	25	31	1	25	76	89	76	140
21	...	...	...	50	25	25	1	44	82	89	76	102
22	...	...	...	50	25	25	1	50	82	82	76	82
23	...	...	...	44	25	25	1	50	82	89	76	82
24	...	...	...	44	25	31	1	44	82	89	89	80
25	...	...	...	44	25	31	1	50	82	89	102	80
26	...	...	...	50	25	25	4	50	76	89	108	80
27	...	...	...	44	25	25	7	50	76	76	113	80
28	...	...	...	44	25	25	1	50	76	76	113	80
29	...	...	...	44	18	25	4	50	76	76	144	80
30	...	...	...	44	25	25	4	50	70	82	154	80
31	...	...	...	...	25	...	18	57	...	76	...	...
Mean	...	...	...	49	26	23	13	26	82	83	82	202
Max.	...	...	...	63	57	31	43	57	150	108	154	150
Min.	...	...	...	0	18	18	0	7	63	70	50	70
A. F.	...	...	...	2454	2216	1385	768	1654	5040	5078	4895	6073

\*No Record.

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SHEEP CREEK—1920  
Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	62	62	59	54	52	1	21	30	25	69	64	87
2	62	62	60	55	48	1	18	70	32	69	64	85
3	59	59	61	55	113	1	18	65	30	69	64	84
4	70	59	62	55	62	1	18	23	30	69	64	83
5	62	62	63	56	62	1	18	21	32	68	64	81
6	59	62	64	56	59	1	18	18	32	68	64	80
7	59	62	65	56	48	1	35	17	32	68	65	79
8	48	62	66	57	52	1	23	21	32	68	65	77
9	42	59	67	57	52	1	21	21	32	68	65	76
10	42	59	68	58	48	1	21	21	30	68	66	75
11	48	59	69	45	108	1	21	21	30	68	67	74
12	59	59	70	48	170	1	17	21	35	68	68	72
13	59	62	70	48	75	3	17	21	40	68	69	71
14	59	59	68	48	62	3	10	21	35	68	70	76
15	62	59	66	48	62	3	10	21	35	68	71	69
16	62	59	64	45	82	3	17	21	35	68	72	69
17	62	59	62	120	59	3	21	21	35	68	73	69
18	62	59	60	59	1	195	21	21	35	68	74	69
19	62	59	58	48	1	65	21	21	35	67	75	69
20	59	59	56	82	1	50	21	23	35	57	76	69
21	59	59	54	88	1	35	21	23	35	67	77	69
22	59	59	52	82	1	21	21	25	34	67	79	69
23	48	48	51	70	1	21	21	25	32	66	80	69
24	42	42	48	70	1	21	18	25	32	66	81	69
25	59	42	50	75	1	21	18	25	32	66	82	70
26	59	48	51	62	1	21	18	25	32	66	83	70
27	59	48	52	59	1	21	18	32	32	65	84	70
28	59	59	53	62	1	21	18	40	32	65	86	70
29	59	59	53	59	1	21	18	27	32	65	87	70
30	59	.....	54	52	1	21	18	27	32	65	88	70
31	59	.....	54	.....	1	.....	30	25	.....	65	.....	70
Mean	57	57	59	61	40	19	19	26	33	67	73	74
Max.	70	62	70	120	170	195	35	70	40	69	88	87
Min.	42	42	48	45	1	1	10	17	25	65	64	69
A. F.	3530	3302	3667	3628	2436	1113	1202	1622	1947	4135	4338	4522
Total Acre Feet	35,442.											

DISCHARGE IN SECOND FEET, SHEEP CREEK—1921  
Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	55	64	53	63	62	78	48	61	79	83	95	86
2	55	65	53	63	62	78	48	62	79	83	94	96
3	55	64	52	63	63	79	48	62	79	84	93	86
4	55	64	51	63	63	79	48	62	79	84	92	85
5	55	64	50	63	64	80	48	63	79	85	71	85
6	54	64	49	62	65	80	48	63	79	85	71	84
7	54	64	48	62	65	81	48	64	79	86	96	84
8	54	64	48	62	66	81	48	65	79	87	89	84
9	54	64	48	62	66	79	49	65	79	87	88	83
10	54	64	49	62	67	77	50	66	79	88	88	83
11	55	64	50	62	67	75	50	66	80	89	88	82
12	55	64	51	62	68	73	51	67	80	89	88	82
13	55	64	52	62	68	71	51	67	80	90	88	81
14	56	64	53	62	69	68	52	68	80	90	88	81
15	56	64	54	61	69	66	52	68	80	91	88	81
16	56	64	55	61	70	63	53	69	80	92	88	80
17	57	64	56	60	70	61	53	69	80	92	88	80
18	57	63	57	59	71	59	54	70	80	93	88	79
19	58	62	58	59	71	56	54	71	80	93	88	79
20	58	61	59	59	72	54	55	71	80	94	88	78
21	59	60	60	59	72	52	55	72	81	95	88	78
22	59	60	61	59	73	50	56	73	81	95	88	77
23	60	59	62	59	73	49	56	73	81	96	87	77
24	60	58	63	60	74	49	57	74	81	97	87	76
25	61	57	63	60	74	49	58	75	81	97	87	76
26	61	56	63	60	75	49	58	75	81	98	87	76
27	62	55	63	60	75	49	59	76	81	99	87	75
28	62	54	63	61	76	49	59	77	81	98	87	75
29	63	.....	63	61	76	49	60	77	82	97	87	74
30	63	.....	63	61	77	49	60	78	82	96	87	74
31	64	.....	63	.....	77	.....	61	78	.....	95	.....	73
Mean	57	62	56	61	70	64	53	69	80	93	89	80
Max.	64	65	63	63	77	81	61	78	82	99	95	86
Min.	54	54	48	59	62	49	48	61	79	83	87	73
A. F.	3535	3439	3437	3634	4284	3832	3267	4158	4764	5605	5282	4915
Total Acre Feet	50,152.											

# HYDROGRAPHIC REPORT—1928

717

## DISCHARGE IN SECOND FEET, SHEEP CREEK—1922 Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	68	73	59	72	75	75	50	58	85	50	97	95
2	68	73	59	72	75	72	50	58	83	51	99	94
3	68	73	58	72	75	42	51	58	80	52	100	93
4	68	73	58	72	75	43	52	58	79	53	101	92
5	68	73	57	72	75	42	53	58	77	54	102	92
6	68	73	56	72	75	41	53	59	76	55	103	92
7	68	74	56	72	75	42	54	59	75	56	104	91
8	68	73	57	72	75	42	54	59	74	57	104	90
9	68	72	58	72	75	42	55	59	72	58	105	89
10	68	72	59	72	75	45	56	59	71	59	106	88
11	69	71	60	73	75	45	57	59	69	60	106	88
12	69	70	62	73	75	37	58	59	68	62	107	87
13	69	69	63	73	75	42	58	59	65	64	107	86
14	69	68	64	73	75	36	57	59	72	65	108	85
15	69	68	65	73	75	37	57	59	80	66	108	84
16	70	68	66	73	75	33	57	59	85	66	108	88
17	70	68	67	73	75	60	57	59	93	68	107	92
18	70	67	68	73	75	64	56	59	101	70	106	96
19	70	67	69	73	75	52	56	59	100	72	105	97
20	70	66	71	73	75	52	56	59	98	74	104	102
21	71	65	72	74	76	52	57	59	97	76	104	106
22	71	64	72	74	76	46	58	59	95	78	103	110
23	71	63	72	74	76	46	56	60	94	80	102	114
24	71	62	72	74	76	46	56	70	93	82	101	116
25	71	62	72	74	50	46	56	75	92	84	100	120
26	72	62	72	74	51	47	56	83	90	86	100	123
27	72	61	72	74	53	48	54	93	89	88	99	127
28	72	60	72	74	57	48	59	92	90	90	98	130
29	72	---	72	74	76	49	59	91	91	92	97	130
30	72	---	72	74	50	49	59	90	91	94	96	130
31	72	---	72	---	50	---	59	86	---	95	---	130
Mean	69.8	68.2	65.2	73.0	70.7	50.4	55.5	65.5	84.1	67.9	102.9	101.8
Max.	72	73	72	74	76	86	59	93	101	95	108	130
Min.	68	60	56	72	50	41	50	58	65	50	96	84
A. F.	4288	3788	4015	4344	4345	2997	3431	4032	5008	4179	6123	6262
Acre Feet Diverted by Tri-State, May 25 to Sept. 30, 15,695. Acre Feet to River 37,117.												
Total Acre Feet 52,812.												

## DISCHARGE IN SECOND FEET, SHEEP CREEK—1923 Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	75	80	72	71	55	2	0	68	0	14	108	75
2	75	80	70	71	51	2	0	68	0	110	108	75
3	75	81	68	71	47	2	0	68	0	110	107	75
4	75	81	66	72	43	2	0	68	0	110	106	75
5	75	82	64	72	40	2	0	68	0	110	106	75
6	75	82	63	72	38	2	0	68	0	110	105	75
7	75	83	62	72	35	2	0	68	0	110	105	75
8	75	84	60	72	32	2	0	68	0	110	104	75
9	75	85	61	72	29	2	0	68	0	110	104	75
10	75	86	61	72	26	2	0	68	0	110	103	75
11	75	87	61	72	24	1	0	68	0	110	103	75
12	75	88	62	72	22	1	0	68	0	110	102	75
13	75	88	62	72	20	1	0	68	0	110	102	75
14	75	89	63	72	19	1	0	3	0	110	101	75
15	75	89	63	72	18	1	0	2	0	110	100	75
16	75	89	63	72	16	1	0	1	0	110	99	75
17	75	88	64	72	15	1	0	1	0	110	98	75
18	75	86	64	72	13	1	0	1	0	110	97	75
19	75	84	65	72	12	1	0	0	0	110	86	75
20	75	82	66	72	11	1	0	0	0	110	95	75
21	75	82	66	72	10	0	3	0	0	110	92	75
22	75	81	67	71	8	0	18	0	1	110	89	75
23	75	79	67	71	7	0	30	0	2	110	86	75
24	75	77	68	70	6	0	68	0	2	110	83	75
25	75	75	68	70	5	0	68	0	3	110	80	75
26	76	75	68	69	4	0	68	0	4	110	80	75
27	77	74	69	68	3	0	68	0	5	110	79	75
28	78	72	69	67	2	0	68	0	6	109	78	75
29	78	---	70	62	2	0	68	0	8	109	77	75
30	79	---	70	58	2	0	68	0	11	109	76	75
31	79	---	71	---	2	0	68	0	---	108	---	75
Mean	75.5	82.4	65.5	70.5	19.9	1.0	19.2	17.8	1.4	106.6	95.6	75
Max.	79	89	72	72	55	2	68	68	11	110	108	75
Min.	75	72	60	58	2	0	0	0	0	14	76	75
A. F.	4645	4580	4032	4195	1223	59	1180	1094	83	6563	5690	4612
Total Acre Feet 37,956.												

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SHEEP CREEK—1924  
Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	76	74	78	65	62	0	64	8	11	120	120	76
2	76	74	78	64	62	0	64	8	11	120	130	76
3	76	75	77	63	62	0	0	8	11	120	130	76
4	76	76	77	62	62	0	0	8	12	120	130	76
5	76	76	77	61	62	0	0	8	17	120	130	76
6	76	76	77	60	62	0	0	8	24	120	120	76
7	76	77	77	59	63	0	0	8	32	120	120	76
8	76	77	76	58	62	0	0	8	42	120	120	76
9	76	78	76	58	64	0	0	8	52	120	120	76
10	76	78	76	58	64	0	0	8	62	120	120	76
11	76	78	76	58	64	0	0	8	72	120	110	60
12	76	79	76	59	64	0	0	8	80	120	110	60
13	76	79	76	59	64	0	1	8	88	120	110	60
14	76	80	76	59	64	0	1	8	96	120	110	60
15	76	80	76	59	64	0	2	8	106	120	110	60
16	76	80	76	59	64	0	2	9	114	121	100	60
17	76	80	76	59	64	0	2	9	122	122	98	60
18	76	80	75	60	64	0	4	9	122	123	96	60
19	75	79	75	60	64	0	4	9	122	125	95	60
20	75	79	75	60	64	0	4	9	122	127	94	60
21	75	79	74	60	0	0	4	9	122	128	94	60
22	75	79	78	60	0	0	5	9	122	129	94	60
23	75	78	72	61	0	0	6	9	122	130	94	60
24	75	78	71	61	0	0	7	9	122	132	94	60
25	75	78	70	61	0	0	7	9	122	134	94	60
26	74	78	70	61	0	0	7	10	121	135	94	60
27	74	78	69	61	0	0	7	10	121	135	94	60
28	71	78	68	62	0	0	7	10	121	135	94	60
29	74	78	67	62	0	0	7	10	121	137	94	60
30	74	.....	66	62	0	64	7	10	121	138	94	60
31	74	.....	65	.....	0	.....	7	10	.....	138	.....	60
Mean	75	.....	74	60	41	2	7	9	84	125	110	65
Max.	76	80	78	65	64	64	64	10	122	139	130	76
Min.	74	74	65	58	0	0	0	8	11	120	94	60
A. F.	4635	4480	4544	3592	2511	127	424	535	5024	7726	6392	4006
Diverted by Tri-State Canal					1523	3927	5050	4889	2618			
Total Acre Feet Diverted				26,638.								
Total Acre Feet to River							44,006.					

DISCHARGE IN SECOND FEET, SHEEP CREEK—1925  
Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	86	100	78	106	30	0.4	3.4	4	2	110	90	90
2	86	100	78	106	30	.4	3.4	4	2	110	90	90
3	86	100	78	106	30	.4	3.4	4	2	110	90	90
4	86	100	78	106	30	.4	3.4	4	2	110	90	90
5	86	100	78	106	30	.4	3.4	4	2	110	90	90
6	86	100	78	106	30	.4	26.0	4	2	110	90	90
7	86	100	78	106	30	.4	26.0	4	2	110	90	90
8	86	100	78	106	30	.4	26.0	4	2	110	90	90
9	86	100	78	106	30	.4	26.0	4	2	110	90	90
10	86	100	78	106	30	.4	26.0	4	2	110	90	90
11	86	100	78	59	4	4.0	26.0	4	2	101	90	90
12	86	100	78	59	4	4.0	26.0	4	2	101	90	90
13	86	100	78	59	4	4.0	26.0	4	2	101	90	90
14	86	100	78	59	4	4.0	26.0	4	2	101	90	90
15	86	100	78	59	4	4.0	26.0	4	2	101	90	90
16	86	100	78	59	4	4.0	3.4	4	2	101	90	90
17	86	100	78	59	4	4.0	3.4	4	2	101	90	90
18	86	100	78	59	4	4.0	3.4	4	2	101	90	90
19	86	100	78	59	4	4.0	3.4	4	2	101	90	90
20	86	100	78	59	4	4.0	3.4	4	2	101	90	90
21	86	100	78	59	4	4.0	3.9	2	2	101	90	90
22	86	100	78	59	4	4.0	3.9	2	2	101	90	90
23	86	100	78	59	4	4.0	3.9	2	2	101	90	90
24	86	100	78	59	4	4.0	3.9	2	2	101	90	90
25	86	100	78	59	4	4.0	3.9	2	2	101	90	90
26	86	100	78	59	4	4.0	3.9	2	2	101	90	90
27	86	100	78	59	4	4.0	3.9	2	111	101	90	90
28	86	100	78	59	4	4.0	3.9	2	111	101	90	90
29	86	.....	78	59	4	4.0	3.9	2	111	101	90	90
30	86	.....	78	59	4	4.0	3.9	2	111	101	90	90
31	86	.....	78	.....	4	.....	3.9	2	.....	101	.....	90
Mean	86	100	78	72	12	2.8	10.8	3	20	104	90	90
Max.	86	100	78	106	30	4.0	26.0	4	111	110	90	90
Min.	86	100	78	59	4	.4	3.4	2	2	101	90	90
A. F.	5288	5554	4796	4443	762	166	668	202	1200	6389	5355	5333
Total Acre Feet										40,356.		

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, SHEEP CREEK—1926  
Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	80	70	48	76	65	7	23	10	10	102	87	85
2	80	70	48	76	65	7	23	10	10	102	87	85
3	80	70	48	76	65	7	23	10	10	102	87	85
4	80	70	48	76	65	7	23	10	10	102	87	85
5	80	70	48	76	65	7	23	10	10	102	87	85
6	80	70	48	76	65	7	23	10	10	102	87	85
7	80	70	48	76	65	7	23	10	10	102	87	85
8	80	70	48	76	65	7	23	10	10	102	87	85
9	80	70	48	76	65	7	23	10	10	102	87	85
10	80	70	48	76	65	7	23	10	10	102	87	85
11	80	70	48	76	86	7	23	10	10	102	87	85
12	80	70	48	76	86	7	23	10	10	102	87	85
13	80	70	48	76	86	7	23	10	10	102	87	85
14	80	70	48	76	86	7	23	10	10	102	87	85
15	80	70	48	76	86	7	23	10	10	102	87	85
16	80	70	48	76	86	7	23	10	10	102	87	85
17	80	70	48	76	86	7	23	10	10	102	87	85
18	80	70	48	76	86	7	23	10	10	102	87	85
19	80	70	48	76	86	7	23	10	10	102	87	85
20	80	70	48	76	86	7	23	10	10	102	87	85
21	80	70	48	76	85	74	10	10	10	108	87	85
22	80	70	48	76	85	74	10	10	10	108	87	85
23	80	70	48	76	85	74	10	10	10	108	87	85
24	80	70	48	76	85	74	10	10	10	108	87	85
25	80	70	48	76	85	74	10	10	10	108	87	85
26	80	70	48	76	85	74	10	10	10	108	87	85
27	80	70	48	76	85	74	10	10	10	108	87	85
28	80	70	48	76	85	74	10	10	10	108	87	85
29	80	....	48	76	85	74	10	10	10	108	87	85
30	80	....	48	76	85	74	10	10	10	108	87	85
31	80	....	48	....	85	....	10	10	....	108	....	....
Mean	80	70	48	76	79	26	18	10	10	104	87	85
Max.	80	70	48	76	86	74	23	10	10	108	87	85
Min.	80	70	48	76	65	7	10	10	10	102	87	85
A. F.	4919	3888	2951	4522	4860	1745	1130	615	595	6403	5177	5226
Total Acre Feet	42,031.											

DISCHARGE IN SECOND FEET, SHEEP CREEK—1927  
Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	90	85	84	100	85	7	17	84	....	97	111	74
2	90	85	84	100	85	7	17	84	9	97	111	74
3	90	85	84	85	85	7	17	84	9	97	111	74
4	90	85	84	85	85	7	17	84	9	97	111	74
5	90	85	84	85	85	7	17	84	9	97	111	74
6	90	85	84	85	85	7	17	84	9	97	111	74
7	90	85	84	85	85	7	17	84	9	97	111	74
8	90	85	84	85	85	7	17	84	9	97	111	74
9	90	85	84	85	85	7	17	84	9	97	111	74
10	90	85	84	85	85	7	17	84	9	97	111	74
11	90	85	84	85	85	7	17	9	9	97	111	74
12	90	85	84	85	85	7	17	9	9	97	111	74
13	90	85	84	85	85	7	17	9	9	97	111	74
14	90	85	84	85	85	7	17	9	9	97	111	74
15	90	85	84	85	85	7	17	9	9	97	111	74
16	90	85	84	85	85	7	17	9	9	97	82	74
17	90	85	84	85	85	7	17	9	9	97	82	74
18	90	85	84	85	85	7	17	9	9	97	82	74
19	90	85	84	85	85	7	17	9	9	97	82	74
20	90	85	84	85	85	7	17	9	9	97	82	74
21	90	85	84	85	61	7	17	9	9	97	82	74
22	90	85	84	85	61	7	17	9	9	97	82	74
23	90	85	84	85	61	7	17	9	9	97	82	74
24	90	85	84	85	61	7	17	9	9	97	82	74
25	90	85	84	85	61	7	17	9	9	97	82	74
26	90	85	84	85	61	7	17	9	9	97	82	74
27	90	85	84	85	61	7	17	9	9	97	82	74
28	90	85	84	85	61	7	17	9	9	97	82	74
29	90	....	84	85	61	7	17	9	9	97	82	74
30	90	....	100	85	61	7	17	9	9	97	82	74
31	90	....	184	....	61	....	17	9	....	97	....	....
Mean	90	85	88	86	76	7	17	33	9	97	96	74
Max.	90	85	184	100	85	7	17	84	9	97	111	74
Min.	90	85	84	85	61	7	17	9	9	97	82	74
A. F.	5534	4732	5406	5128	4712	416	1045	2011	535	5964	5742	4550
Total Acre Feet	45,805.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SHEEP CREEK—1928  
Sec. 16, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D c.
1	77	72	80	72	67	32	70	14	20	19	87	77
2	77	72	80	72	67	32	70	14	20	19	87	77
3	77	72	80	72	67	32	70	14	20	19	87	77
4	77	72	80	72	67	32	70	14	20	19	87	77
5	77	72	80	72	67	32	70	14	20	19	87	77
6	77	72	80	72	67	32	70	14	20	19	87	77
7	77	72	80	72	67	32	70	14	20	19	87	77
8	77	72	80	72	67	32	70	14	20	19	87	77
9	77	72	80	72	67	32	70	14	20	19	87	77
10	77	72	80	72	67	32	70	109	20	19	87	77
11	77	72	80	72	67	32	70	109	20	19	87	77
12	77	72	80	72	67	32	70	14	20	19	87	77
13	77	72	80	72	67	32	70	14	20	19	87	77
14	77	72	80	72	67	32	70	14	20	19	87	77
15	77	72	80	72	67	32	70	14	20	19	87	77
16	77	72	80	74	75	32	6	14	20	19	87	77
17	77	72	80	74	75	32	6	14	20	19	87	77
18	77	72	80	74	75	32	6	14	20	19	87	77
19	77	72	80	74	75	32	6	14	20	19	87	77
20	77	72	80	74	75	32	6	14	20	19	87	77
21	77	72	80	74	75	32	6	14	20	19	100	77
22	77	72	80	74	75	32	6	14	20	19	100	77
23	77	72	80	74	75	32	6	14	20	19	100	77
24	77	72	80	74	75	32	6	14	20	19	100	77
25	77	72	80	74	75	32	6	14	20	19	100	77
26	77	72	80	74	75	32	6	14	20	19	100	77
27	77	72	80	74	75	32	6	14	20	19	100	77
28	77	72	80	74	75	32	6	14	20	19	100	77
29	77	72	80	74	75	32	6	14	20	19	100	77
30	77	---	80	74	75	32	6	14	20	19	100	77
31	77	---	80	---	75	---	6	14	---	19	---	77
Mean	77	72	80	73	71	32	37	20	20	19	91	77
Max.	77	72	80	74	75	32	70	109	20	19	100	77
Min.	77	72	80	72	67	32	6	14	20	19	87	77
A. F.	4735	4141	4919	4344	4374	1904	2273	1238	1190	1168	5435	4735
Total Acre Feet	40,456.											

DISCHARGE IN SECOND FEET, SILVERNAIL DRAIN—1925  
Sec. 6, Twp. 19, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
2	....	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
3	....	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
4	....	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
5	....	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
6	....	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
7	....	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
8	....	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
9	....	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
10	....	2.0	2.3	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
11	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
12	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
13	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
14	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
15	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
16	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
17	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
18	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
19	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
20	....	2.0	2.0	2.0	3.7	4.7	4.4	4.9	14.2	5.8	6.1	6.6
21	....	2.3	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.1	6.6
22	....	2.3	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.6	6.6
23	....	2.3	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.6	6.6
24	....	2.3	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.6	6.6
25	....	2.3	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.6	6.6
26	....	2.3	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.6	6.6
27	....	2.3	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.6	6.6
28	....	2.3	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.6	6.6
29	....	-----	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.6	6.6
30	....	-----	1.8	2.0	3.7	4.7	5.0	16.3	10.1	5.8	6.6	6.6
31	....	-----	1.8	-----	3.7	-----	5.0	16.3	-----	5.8	-----	6.6
Mean	....	2.0	2.0	2.0	3.7	4.7	4.6	8.9	12.8	5.8	6.2	6.6
Max.	....	2.3	2.3	2.0	3.7	4.7	5.0	16.3	14.2	5.8	6.6	6.6
Min.	....	2.0	1.8	2.0	3.7	4.7	4.4	4.9	10.1	5.8	6.1	6.6
A. F.	....	116	124	119	227	279	284	550	762	357	373	406
*No Record.												

# HYDROGRAPHIC REPORT—1928

721

## DISCHARGE IN SECOND FEET, SILVERNAIL DRAIN—1926

Sec. 6, Twp. 19, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	6	6	4	3	21	3	5	6	7	6	6
2	6	6	6	4	3	21	3	5	6	7	6	6
3	6	6	6	4	3	21	3	5	6	7	6	6
4	6	6	6	4	3	21	3	5	6	7	6	6
5	6	6	6	4	3	21	3	5	6	7	6	6
6	6	6	6	4	3	21	3	5	6	7	6	6
7	6	6	6	4	3	21	3	5	8	7	6	6
8	6	6	6	4	3	21	3	5	8	7	6	6
9	6	6	6	4	3	21	3	5	8	7	6	6
10	6	6	6	4	3	21	3	5	8	7	6	6
11	6	6	6	4	4	21	19	5	8	7	6	6
12	6	6	6	4	4	21	19	5	8	7	6	6
13	6	6	6	4	4	21	19	5	8	7	6	6
14	6	6	6	4	4	21	19	5	8	7	6	6
15	6	6	6	4	4	21	19	5	8	7	6	6
16	6	6	6	4	4	5	19	9	8	7	6	6
17	6	6	6	4	4	5	19	9	8	7	6	6
18	6	6	6	4	4	5	19	9	8	7	6	6
19	6	6	6	4	4	5	19	9	8	7	6	6
20	6	6	6	4	4	5	19	9	8	7	6	6
21	6	6	6	4	4	5	13	9	8	6	6	6
22	6	6	6	4	4	5	13	9	8	6	6	6
23	6	6	6	4	4	5	13	9	8	6	6	6
24	6	6	6	4	4	5	13	9	8	6	6	6
25	6	6	6	4	4	5	13	9	8	6	6	6
26	6	6	6	4	4	5	13	9	8	6	6	6
27	6	6	6	4	4	5	13	9	8	6	6	6
28	6	6	6	4	4	5	13	9	8	6	6	6
29	6	6	6	4	4	5	13	9	8	6	6	6
30	6	6	6	4	4	5	13	9	8	6	6	6
31	6	6	6	4	4	5	13	9	8	6	6	6
Mean	6	6	6	4	4	13	11	7	8	7	6	6
Max.	6	6	6	4	4	21	19	9	8	7	6	6
Min.	6	6	6	4	3	5	3	5	6	6	6	6
A. F.	369	333	369	238	226	773	694	434	508	409	357	369
Total Acre Feet	5,079.											

## DISCHARGE IN SECOND FEET, SILVERNAIL DRAIN—1927

Sec. 6, Twp. 19, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.4	4.5	4.0	4.0	3.2	23.7	6.0	14.3	6.9	8.3	7	7
2	5.4	4.5	4.0	4.0	3.2	23.7	6.0	14.3	6.9	8.3	7	7
3	5.4	4.5	4.0	4.0	3.2	23.7	6.0	14.3	6.9	8.3	7	7
4	5.4	4.5	4.0	4.0	3.2	23.7	6.0	14.3	6.9	8.3	6.9	7
5	5.4	4.5	4.0	4.0	3.2	23.7	6.0	14.3	6.9	8.3	6.9	7
6	5.4	4.5	4.0	4.0	3.2	23.7	6.0	19.7	6.9	8.3	6.9	7
7	5.4	4.5	4.0	4.0	3.2	23.7	6.0	19.7	6.9	8.3	6.9	7
8	5.4	4.5	4.0	4.0	3.2	23.7	6.0	19.7	6.9	8.3	6.9	7
9	5.4	4.5	4.0	4.0	3.2	23.7	6.0	19.7	6.9	8.3	6.9	7
10	5.4	4.5	4.0	4.0	4.7	23.7	6.0	19.7	6.9	8.3	7	7
11	5.4	4.5	4.0	4.0	4.7	13.3	6.0	19.7	9.9	8.3	7	7
12	5.4	4.5	4.0	4.0	4.7	13.3	6.0	19.7	9.9	8.3	7	7
13	5.4	4.5	4.0	4.0	4.7	13.3	6.0	19.7	9.9	8.3	7	7
14	5.4	4.5	4.0	4.0	4.7	13.3	6.0	19.7	9.9	8.3	7	7
15	5.4	4.5	4.0	4.0	4.7	13.3	6.0	19.7	9.9	8.3	7	7
16	5.4	4.5	4.0	4.0	17.4	13.3	6.0	19.7	9.9	8.3	9	7
17	5.4	4.5	4.0	4.0	17.4	13.3	6.0	19.7	9.9	8.3	9	7
18	5.4	4.5	4.0	4.0	17.4	13.3	6.0	19.7	9.9	8.3	9	7
19	5.4	4.5	4.0	4.0	17.4	13.3	6.0	19.7	9.9	8.3	9	7
20	5.4	4.5	4.0	4.0	17.4	13.3	6.0	19.7	9.9	8.3	9	7
21	5.4	4.5	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
22	5.4	4.5	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
23	5.4	4.5	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
24	5.4	4.5	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
25	5.4	4.5	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
26	5.4	4.5	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
27	5.4	4.5	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
28	5.4	4.5	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
29	5.4	-----	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
30	5.4	-----	4.0	4.0	17.4	12.7	6.0	19.7	9.9	8.6	9	7
31	5.4	-----	4.0	-----	17.4	-----	6.0	19.7	-----	8.6	-----	7
Mean	5.4	4.5	4.0	4.0	11	16	6.0	19.1	9.0	8.4	8	7
Max.	5.4	4.5	4.0	4.0	17.4	23.7	6.0	19.7	9.9	8.6	9	7
Min.	5.4	4.5	4.0	4.0	3.2	12.7	6.0	14.3	6.9	8.3	6.9	7
A. F.	331	249	245	245	663	985	357	1158	529	517	476	430
Total Acre Feet	6,185.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SILVERNAIL DRAIN—1928  
Sec. 6, Twp. 19, Rge. 48 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	6	6	5	6	10	10	5	6	21	11	9
2	8	6	6	5	6	10	10	5	6	21	11	9
3	8	6	6	5	6	10	10	5	6	21	11	9
4	8	6	6	5	6	10	10	5	6	21	11	9
5	8	6	6	5	6	10	10	5	6	21	11	9
6	8	6	6	5	6	10	10	5	6	21	11	6
7	8	6	6	5	6	10	10	5	6	21	11	6
8	8	6	6	5	6	10	10	5	6	21	11	6
9	8	6	6	5	6	10	10	5	6	21	11	6
10	8	6	6	5	6	10	10	5	6	21	11	6
11	8	6	6	5	6	10	8	5	4	21	11	6
12	8	6	6	5	6	10	8	5	4	21	11	6
13	8	6	6	5	6	10	8	5	4	21	11	6
14	8	6	6	5	6	10	8	5	4	21	11	6
15	8	6	6	5	6	10	8	5	4	21	11	6
16	8	6	7	4	6	10	8	5	4	21	6	7
17	8	6	7	4	6	10	8	5	4	21	6	7
18	8	6	7	4	6	10	8	5	4	21	6	7
19	8	6	7	4	6	10	8	5	4	21	6	7
20	8	6	7	4	6	10	8	5	4	21	6	7
21	8	6	7	4	6	10	5	6	12	21	6	7
22	8	6	7	4	6	10	5	6	12	21	6	7
23	8	6	7	4	6	10	5	6	12	21	6	7
24	8	6	7	4	6	10	5	6	12	21	6	7
25	8	6	7	4	6	10	5	6	12	21	6	7
26	8	6	5	4	6	10	5	6	12	21	6	7
27	8	6	5	4	6	10	5	6	12	21	6	7
28	8	6	5	4	6	10	5	6	12	21	6	7
29	8	6	5	4	6	10	5	6	12	21	6	7
30	8	---	5	4	6	10	5	6	12	21	6	7
31	8	---	5	---	6	---	5	6	---	21	---	7
Mean	8	6	6	4	6	10	7	5	7	21	8	7
Max.	8	6	7	5	6	10	10	6	12	21	11	9
Min.	8	6	5	4	6	10	5	5	4	21	6	6
A. F.	492	345	377	268	369	595	466	329	436	1291	506	430
Total Acre Feet	5,904.											

DISCHARGE IN SECOND FEET, SKUNK CREEK—1928  
Sec. 1, Twp. 14, Rge. 37 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	5	4	3	1	1	2	3	3	1	5	3
2	3	5	4	3	1	1	2	3	3	1	5	3
3	3	5	4	3	1	1	2	3	3	1	5	3
4	3	5	4	3	1	1	2	3	3	1	5	3
5	3	5	4	3	1	1	2	3	3	1	5	3
6	3	5	4	3	1	1	2	3	3	1	5	3
7	3	5	4	3	1	1	2	3	3	1	5	3
8	3	5	4	3	1	1	2	3	3	1	5	3
9	3	5	4	3	1	1	2	3	3	1	5	3
10	3	5	4	3	1	1	2	3	3	1	5	3
11	3	5	4	3	1	1	2	3	3	1	5	3
12	3	5	4	3	1	1	2	3	3	1	5	3
13	3	5	4	3	1	1	2	3	3	1	5	3
14	3	5	4	3	1	1	2	3	3	1	5	3
15	3	5	4	3	1	1	2	3	3	1	5	3
16	4	5	4	3	1	3	2	3	4	1	4	3
17	4	5	4	3	1	3	2	3	4	1	4	3
18	4	5	4	3	1	3	2	3	4	1	4	3
19	4	5	4	3	1	3	2	3	4	1	4	3
20	4	5	4	3	1	3	2	3	4	1	4	3
21	4	5	4	3	1	3	2	3	4	1	4	3
22	4	5	4	3	1	3	2	3	4	1	4	3
23	4	5	4	3	1	3	2	3	4	1	4	3
24	4	5	4	3	1	3	2	3	4	1	4	3
25	4	5	4	3	1	3	2	3	4	1	4	3
26	4	5	4	3	1	3	2	3	4	1	4	3
27	4	5	4	3	1	3	2	3	4	1	4	3
28	4	5	4	3	1	3	2	3	4	1	4	3
29	4	5	4	3	1	3	2	3	4	1	4	3
30	4	---	4	3	1	3	2	3	4	1	4	3
31	4	---	4	---	1	---	2	3	---	1	---	3
Mean	4	5	4	3	1	3	2	3	3	1	4	3
Max.	4	5	4	3	1	3	2	3	4	1	5	3
Min.	3	5	4	3	1	3	2	3	3	1	4	3
A. F.	184	288	238	172	61	119	123	184	208	61	268	184
Total Acre Feet	2,090.											

**DISCHARGE IN SECOND FEET, SNELL DRAIN—1920**  
Sec. 14, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	4	3	3	3	2	3	5	9	6	8	4
2	4	4	3	3	3	2	3	5	9	6	8	4
3	4	4	3	3	3	2	3	5	10	6	8	4
4	4	4	3	3	3	2	4	5	10	6	8	4
5	4	4	3	3	3	2	4	5	10	6	8	4
6	4	4	3	3	3	2	4	5	10	6	8	4
7	4	4	3	3	3	2	4	5	10	6	7	3
8	4	4	3	3	3	2	4	5	10	6	7	3
9	4	4	3	3	3	2	4	5	10	6	7	3
10	4	4	3	3	3	2	4	5	9	6	7	3
11	4	4	3	3	3	3	4	5	9	7	7	3
12	3	4	3	3	3	3	4	5	9	7	7	2
13	3	4	3	3	3	3	4	5	9	7	7	2
14	3	4	2	3	3	3	4	5	9	7	7	2
15	3	4	2	3	3	3	4	5	9	7	7	2
16	3	3	2	3	3	3	4	5	9	8	7	3
17	3	3	2	3	3	3	4	5	9	8	6	3
18	3	3	2	3	3	3	4	6	9	8	6	3
19	3	3	2	3	3	3	4	6	8	8	6	3
20	3	3	2	3	3	3	4	6	8	8	6	3
21	3	3	2	3	3	2	3	7	8	8	6	3
22	4	3	2	3	2	3	4	7	8	9	5	3
23	4	3	3	3	2	3	4	7	8	9	5	3
24	4	3	3	3	2	3	4	8	8	9	5	3
25	3	3	3	3	2	3	4	8	7	8	5	3
26	3	3	3	3	2	3	5	8	7	8	5	3
27	4	3	3	3	2	3	5	8	7	8	5	3
28	4	3	3	3	2	3	5	8	7	8	5	4
29	4	3	3	3	2	3	5	9	7	8	5	4
30	4	....	3	3	2	3	5	9	7	8	4	4
31	4	....	3	....	2	....	5	9	....	8	....	4
Mean	4	4	3	3	3	3	4	6	9	7	6	3
Max.	4	4	3	3	3	3	5	9	10	9	9	4
Min.	3	3	2	3	2	2	3	5	7	6	4	2
A. F.	222	202	170	178	167	159	238	379	516	448	381	194
Total Acre Feet	3,254.											

**DISCHARGE IN SECOND FEET, SNELL DRAIN—1921**  
Sec. 14, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	4	5	3	9	7	10	37	13	13	14	12
2	3	4	5	3	10	7	10	38	13	13	14	12
3	3	4	5	3	10	6	10	39	13	12	14	12
4	3	4	5	3	11	6	10	40	13	12	14	12
5	3	4	5	3	12	6	10	41	13	12	15	11
6	3	4	5	3	12	6	11	42	13	12	15	11
7	3	4	5	3	13	6	12	43	14	12	15	11
8	3	4	5	3	13	7	13	44	14	12	15	11
9	3	4	4	2	13	7	14	41	14	12	14	11
10	3	4	4	2	13	7	15	39	14	12	14	10
11	3	4	4	2	13	8	16	34	14	12	14	10
12	3	4	4	2	13	8	17	30	14	12	14	10
13	3	4	4	2	13	8	18	27	14	12	14	10
14	3	5	4	2	12	8	19	23	14	12	14	10
15	4	5	4	2	12	9	20	20	14	12	14	10
16	4	5	4	2	12	9	21	16	14	12	14	9
17	4	5	4	2	11	9	22	13	14	12	14	9
18	4	5	4	2	11	10	23	10	14	12	13	9
19	4	5	4	2	11	10	24	11	14	12	13	9
20	4	5	4	3	10	10	25	11	14	12	13	9
21	4	5	4	4	10	10	26	11	15	12	13	9
22	4	5	3	4	10	10	27	11	15	12	13	9
23	4	5	3	4	9	10	28	11	15	12	13	10
24	4	5	3	5	9	10	29	12	15	13	13	10
25	4	5	3	5	9	10	30	12	15	13	13	10
26	4	5	3	6	9	10	31	12	14	13	13	10
27	4	5	3	6	8	10	32	12	14	13	13	10
28	4	5	3	7	8	10	33	13	14	13	13	11
29	4	....	3	7	8	10	34	13	13	13	13	11
30	4	....	3	8	8	10	35	13	13	14	13	11
31	4	....	3	....	7	....	36	13	....	14	....	11
Mean	4.2	4.5	3.9	3.5	10.6	8.5	29.5	23.6	13.9	12.4	13.6	10.3
Max.	4	5	5	8	13	10	36	44	15	14	15	12
Min.	3	4	3	2	7	6	10	10	13	12	13	9
A. F.	258	252	242	208	652	504	1815	1450	827	766	815	635
Total Acre Feet	8,424.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SNELL DRAIN—1922  
Sec. 14, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13.0	18.0	13.0	26.0	28.0	22.5	28.0	36.0	22.0	47.0	42.0	32.0
2	13.0	18.0	13.0	26.0	28.0	22.0	28.5	36.0	23.0	49.0	42.0	32.0
3	13.0	18.0	13.0	26.0	28.0	22.0	29.0	36.0	23.0	51.0	42.0	32.0
4	13.0	19.0	13.0	26.0	28.0	22.0	29.0	36.0	24.0	52.0	41.0	31.5
5	13.0	19.0	12.0	26.0	28.0	22.0	29.5	36.0	25.0	51.5	41.0	31.0
6	13.0	19.0	12.0	26.0	28.0	22.0	30.0	36.0	25.0	51.0	41.0	31.0
7	13.0	19.0	13.0	26.0	28.0	21.0	30.0	36.0	26.0	51.0	40.0	31.0
8	13.0	18.5	14.0	26.0	28.0	21.0	30.0	36.0	27.0	50.0	40.0	31.0
9	13.0	18.0	15.0	26.0	27.5	21.0	31.0	36.0	27.0	50.0	40.0	31.0
10	13.0	18.0	16.0	26.0	27.0	21.0	31.0	36.0	28.0	50.0	39.5	30.0
11	13.0	18.0	17.0	26.5	27.0	22.0	31.0	35.0	29.0	49.0	39.0	29.0
12	14.0	17.5	18.0	26.5	27.0	22.0	31.0	35.0	30.0	48.0	39.0	29.0
13	14.0	17.0	19.0	26.5	26.5	22.0	31.5	35.0	30.0	48.0	38.5	28.5
14	14.0	17.0	20.0	26.5	26.0	23.0	32.0	35.0	31.0	48.0	38.0	28.0
15	14.0	17.0	21.0	26.5	26.0	23.0	32.0	35.0	31.0	48.0	38.0	28.0
16	14.0	17.0	21.0	27.0	26.0	23.5	33.0	35.0	32.0	48.0	37.5	29.0
17	15.0	16.5	22.0	27.0	26.0	23.5	33.0	35.0	33.0	47.5	37.0	29.0
18	15.0	16.0	23.0	27.0	26.0	24.0	33.5	35.0	33.0	47.0	37.0	30.0
19	15.0	16.0	25.0	27.0	25.0	24.0	34.0	35.0	35.0	47.0	36.0	31.0
20	15.0	16.0	26.0	27.0	25.0	24.0	34.0	35.0	35.0	46.0	36.0	32.0
21	16.0	15.0	26.0	27.0	25.0	25.0	34.5	35.0	36.0	46.0	35.5	32.0
22	16.0	15.0	26.0	27.0	25.0	25.0	35.0	35.0	37.0	45.5	35.0	33.0
23	16.0	15.0	26.0	27.0	24.5	25.5	35.0	35.0	38.0	45.5	35.0	39.0
24	16.0	15.0	26.0	27.0	24.5	26.0	35.5	35.0	39.0	45.0	35.0	34.0
25	16.0	15.0	26.0	27.0	24.0	26.0	36.0	35.0	39.0	45.0	34.0	35.0
26	17.0	14.0	26.0	27.0	23.5	26.0	36.0	33.0	40.0	44.0	34.0	36.0
27	17.0	14.0	26.0	27.0	23.5	26.5	36.0	31.0	41.0	44.0	33.5	36.0
28	17.0	14.0	26.0	27.0	23.0	27.0	36.0	30.0	42.0	44.0	33.0	36.0
29	17.0	.....	26.0	27.0	23.0	27.0	36.0	28.0	44.0	43.0	33.0	36.0
30	17.0	.....	26.0	27.0	23.0	28.0	36.0	25.0	45.0	43.0	33.0	36.0
31	18.0	.....	26.0	.....	23.0	.....	36.0	24.0	.....	43.0	.....	36.0
Mean	14.7	16.7	20.3	26.5	25.8	23.6	32.6	34.0	32.3	47.3	37.5	31.9
Max.	18.0	18.0	26.0	27.0	28.0	28.0	36.0	36.0	45.0	52.0	42.0	30.0
Min.	13.0	14.0	13.0	26.0	23.0	21.0	28.0	24.0	22.0	43.0	33.0	36.0
A. F.	904	931	1253	1581	1589	1407	2009	2094	1924	2912	2232	1962
Total Acre Feet	20,798.											

DISCHARGE IN SECOND FEET, SNELL DRAIN—1923  
Sec. 10, Twp. 21, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	27	29	25	31	29	34	39	39	78	99	.....	.....
2	27	30	25	31	29	34	39	41	77	104	.....	.....
3	27	30	24	32	28	35	39	42	75	110	.....	.....
4	27	30	24	32	28	35	39	43	73	115	.....	.....
5	27	30	23	32	27	36	39	45	71	120	.....	.....
6	27	31	23	32	26	36	38	46	70	126	.....	.....
7	27	31	22	32	26	37	38	47	68	134	.....	.....
8	27	31	22	32	25	37	38	48	66	*	.....	.....
9	27	32	22	32	24	38	38	49	65	.....	.....	.....
10	27	32	23	32	24	38	38	51	63	.....	.....	.....
11	27	32	23	32	23	39	36	53	61	.....	.....	.....
12	27	32	24	32	23	39	36	54	59	.....	.....	.....
13	27	33	24	32	24	40	36	55	58	.....	.....	.....
14	27	33	24	32	24	40	36	57	56	.....	.....	.....
15	27	33	25	32	25	41	36	58	54	.....	.....	.....
16	27	32	25	31	25	41	34	59	52	.....	.....	.....
17	27	32	25	31	26	42	34	61	51	.....	.....	.....
18	27	31	26	31	26	43	34	63	50	.....	.....	.....
19	27	31	26	31	27	43	34	66	50	.....	.....	.....
20	27	30	26	31	27	42	34	67	49	.....	.....	.....
21	27	30	27	31	28	42	35	71	49	.....	.....	.....
22	27	29	27	31	28	42	32	74	53	.....	.....	.....
23	27	29	27	31	29	41	32	76	60	.....	.....	.....
24	27	28	28	31	29	41	31	79	64	.....	.....	.....
25	27	28	28	31	30	41	31	82	69	.....	.....	.....
26	28	27	28	31	31	40	32	84	74	.....	.....	.....
27	28	27	29	31	31	40	33	87	79	.....	.....	.....
28	28	26	30	31	32	40	34	86	84	.....	.....	.....
29	29	.....	30	30	32	40	36	84	89	.....	.....	.....
30	29	.....	31	29	33	40	37	82	94	.....	.....	.....
31	29	.....	31	.....	33	.....	38	80	.....	.....	.....	.....
Mean	27	30	26	30	27	39	36	62	65	115	.....	.....
Max.	29	33	31	32	33	43	39	87	94	134	.....	.....
Min.	27	26	22	29	23	34	31	39	49	99	.....	.....
A. F.	1678	1682	1579	1864	1688	2337	2190	3824	3890	1603	.....	.....

\*Snell and Nine Mile Drains combined after October 7, 1923.

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, SNELL AND NINE MILE DRAINS—1928

Sec. 14, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	....	....	....	....	....	....	....	....	....	....	165	87
2	....	....	....	....	....	....	....	....	....	....	155	86
3	....	....	....	....	....	....	....	....	....	....	145	85
4	....	....	....	....	....	....	....	....	....	....	135	85
5	....	....	....	....	....	....	....	....	....	....	128	86
6	....	....	....	....	....	....	....	....	....	....	140	95
7	....	....	....	....	....	....	....	....	....	....	158	110
8	....	....	....	....	....	....	....	....	....	137	158	125
9	....	....	....	....	....	....	....	....	....	140	159	135
10	....	....	....	....	....	....	....	....	....	143	160	150
11	....	....	....	....	....	....	....	....	....	147	160	160
12	....	....	....	....	....	....	....	....	....	150	161	145
13	....	....	....	....	....	....	....	....	....	152	161	135
14	....	....	....	....	....	....	....	....	....	157	162	129
15	....	....	....	....	....	....	....	....	....	160	147	124
16	....	....	....	....	....	....	....	....	....	163	132	120
17	....	....	....	....	....	....	....	....	....	167	119	116
18	....	....	....	....	....	....	....	....	....	170	105	113
19	....	....	....	....	....	....	....	....	....	180	91	110
20	....	....	....	....	....	....	....	....	....	190	96	107
21	....	....	....	....	....	....	....	....	....	200	103	105
22	....	....	....	....	....	....	....	....	....	210	102	103
23	....	....	....	....	....	....	....	....	....	216	100	100
24	....	....	....	....	....	....	....	....	....	210	98	98
25	....	....	....	....	....	....	....	....	....	205	97	97
26	....	....	....	....	....	....	....	....	....	200	95	95
27	....	....	....	....	....	....	....	....	....	195	94	93
28	....	....	....	....	....	....	....	....	....	190	92	92
29	....	....	....	....	....	....	....	....	....	183	90	90
30	....	....	....	....	....	....	....	....	....	177	89	89
31	....	....	....	....	....	....	....	....	....	173	....	87
Mean	....	....	....	....	....	....	....	....	....	176	127	108
Max.	....	....	....	....	....	....	....	....	....	216	165	160
Min.	....	....	....	....	....	....	....	....	....	137	89	85
A. F.	....	....	....	....	....	....	....	....	....	8089	7531	6649

## DISCHARGE IN SECOND FEET, SNELL AND NINE MILE DRAINS—1924

Sec. 14, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	86	90	100	102	86	138	146	172	202	222	163	147
2	86	90	100	102	86	140	148	177	203	224	162	147
3	86	90	100	102	86	142	152	182	204	226	161	147
4	86	90	100	102	86	144	156	187	208	228	160	147
5	86	90	100	102	86	146	158	192	212	230	159	147
6	86	90	102	100	85	148	162	197	215	224	158	147
7	86	90	103	100	87	148	166	203	218	217	158	147
8	86	90	103	100	89	148	170	209	221	210	157	147
9	86	90	103	100	90	148	173	214	224	203	156	147
10	86	90	103	100	92	148	176	214	228	196	156	147
11	86	90	105	98	95	148	173	214	231	193	155	147
12	86	90	105	98	97	148	169	212	234	190	154	147
13	86	90	105	98	99	148	166	210	237	188	154	147
14	86	90	105	98	108	148	163	209	240	186	153	147
15	86	90	105	98	104	148	160	208	242	184	152	147
16	88	95	108	95	106	146	157	206	245	183	152	147
17	88	95	108	95	108	146	154	205	248	181	150	147
18	88	95	108	95	110	146	150	204	252	179	150	147
19	88	95	108	95	112	146	147	203	256	177	150	147
20	88	95	108	95	114	146	144	202	250	176	149	147
21	88	95	106	92	116	146	142	199	248	175	149	147
22	88	95	106	92	118	146	140	196	246	174	148	147
23	88	94	106	92	120	146	138	193	243	173	148	147
24	88	95	106	92	122	146	136	190	240	172	148	147
25	88	95	106	92	124	146	140	188	238	170	148	147
26	90	98	104	89	126	146	145	186	236	169	148	147
27	90	98	104	89	128	146	150	186	234	168	147	147
28	90	98	104	89	130	146	154	186	232	167	147	147
29	90	98	104	89	132	146	158	188	229	166	147	147
30	90	....	104	89	134	146	162	188	224	165	146	147
31	90	....	104	....	136	....	168	200	....	164	....	147
Mean	87	93	104	94	107	146	156	198	230	190	148	147
Max.	90	98	108	100	136	148	168	214	256	230	163	147
Min.	86	90	100	89	85	138	146	172	202	164	146	147
A. F.	5375	5339	6414	5712	6557	8688	9606	12139	13765	11662	9094	9039

Total Acre Feet 103,390.



**DISCHARGE IN SECOND FEET, SNELL AND NINE MILE DRAINS—1927**  
 Sec. 14, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	119	135	125	150	129	112	146	243	230	219	222	159
2	119	135	125	150	129	112	146	243	220	219	222	159
3	119	135	125	150	129	112	146	243	220	219	222	159
4	119	135	125	150	129	112	146	243	220	219	222	159
5	119	135	125	150	129	112	146	243	220	219	222	159
6	119	135	125	179	129	112	146	243	220	219	222	159
7	119	135	125	179	129	112	146	243	220	219	222	159
8	119	135	125	179	129	112	146	243	220	219	222	159
9	119	135	125	179	129	112	146	243	220	219	222	159
10	119	135	125	179	129	112	146	243	220	219	222	159
11	119	135	125	179	129	112	146	267	220	219	222	159
12	119	135	125	179	129	112	146	267	220	219	222	159
13	119	135	125	179	129	112	146	267	220	219	222	159
14	119	135	125	179	129	112	146	267	220	219	222	159
15	119	135	125	179	129	112	146	267	220	219	222	159
16	119	135	125	179	129	112	146	267	220	219	164	159
17	119	135	125	179	129	112	146	267	220	219	164	159
18	119	135	125	179	129	112	146	267	220	219	164	159
19	119	135	125	179	129	112	146	267	220	219	164	159
20	119	135	125	179	129	112	146	267	220	219	164	159
21	122	135	121	179	112	112	146	224	220	219	164	159
22	122	135	121	179	112	112	146	224	220	219	164	159
23	122	135	121	179	112	112	146	224	220	219	164	159
24	122	135	121	179	112	112	146	224	220	219	164	159
25	122	135	121	179	112	112	146	224	220	219	164	159
26	122	135	121	155	112	112	146	224	220	219	164	159
27	122	135	121	155	112	112	146	224	220	219	164	159
28	122	135	121	155	112	112	146	224	220	219	164	159
29	122	.....	121	155	112	112	146	224	220	219	164	159
30	122	.....	121	155	112	112	146	224	220	219	164	159
31	122	.....	121	.....	112	.....	146	224	.....	219	.....	159
Mean	120	135	124	133	123	112	146	244	220	219	193	159
Max.	122	135	125	179	129	112	146	267	220	219	222	159
Min.	119	135	121	150	112	112	146	224	220	219	164	159
A. F.	7382	7498	7599	10126	7561	6664	8977	15003	13001	13466	10484	8777
Total Acre Feet	116,628.											

**DISCHARGE IN SECOND FEET, SNELL AND NINE MILE DRAINS—1928**  
 Sec. 14, Twp. 22, Rge. 53 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	116	113	107	117	89	124	131	221	218	184	177	155
2	116	113	107	117	89	124	131	221	218	184	177	155
3	116	113	107	117	89	124	131	221	218	184	177	155
4	116	113	107	117	89	124	131	221	218	184	177	155
5	116	113	107	117	89	124	131	221	218	184	177	155
6	116	113	107	117	89	124	131	221	218	184	177	155
7	116	113	107	117	89	124	131	221	218	184	177	155
8	116	113	107	117	89	124	131	221	218	184	177	155
9	116	113	107	117	89	124	131	221	218	184	177	155
10	116	113	107	117	89	124	131	221	218	184	177	155
11	116	113	107	117	89	124	131	221	218	184	177	155
12	116	113	107	117	89	124	131	221	218	184	177	155
13	116	113	107	117	89	124	131	221	218	184	177	155
14	116	113	107	117	89	124	131	221	218	184	177	155
15	116	113	107	117	89	124	131	221	218	184	177	155
16	116	113	107	112	116	131	187	221	218	184	169	155
17	116	113	107	112	116	131	187	221	218	184	169	155
18	116	113	107	112	116	131	187	221	218	184	169	155
19	116	113	107	112	116	131	187	221	218	184	169	155
20	116	113	107	112	116	131	187	221	218	184	169	155
21	116	113	107	112	116	131	187	221	188	184	169	130
22	116	113	107	112	116	131	187	221	188	184	169	130
23	116	113	107	112	116	131	187	221	188	184	169	130
24	116	113	107	112	116	131	187	221	188	184	169	130
25	116	113	107	112	116	131	187	221	188	184	169	130
26	116	113	107	112	116	131	187	218	188	184	169	130
27	116	113	107	112	116	131	187	218	188	184	169	130
28	116	113	107	112	116	131	187	218	188	184	169	130
29	116	113	107	112	116	131	187	218	188	184	169	130
30	116	.....	107	112	116	131	187	218	188	184	169	130
31	116	.....	107	.....	116	.....	187	218	.....	184	.....	130
Mean	116	113	107	114	103	127	160	220	208	184	173	146
Max.	116	113	107	117	116	131	187	221	218	184	177	155
Min.	116	113	107	112	89	124	131	218	188	184	169	130
A. F.	7133	6500	6579	6813	6329	7597	9832	13553	12377	11314	10294	8985
Total Acre Feet	107,296.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SPOTTED TAIL, DRY—1919  
Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7	9	11	13	13	15	29	37	47	14	5	6
2	7	9	11	13	14	16	29	39	45	13	6	6
3	7	9	11	13	14	17	29	41	45	12	5	6
4	7	9	11	13	15	19	29	43	45	11	5	6
5	7	9	11	13	15	21	30	46	46	11	5	6
6	7	10	12	13	15	22	30	48	46	10	6	6
7	7	10	12	13	15	25	30	49	47	10	5	6
8	7	10	12	13	14	26	30	50	48	9	5	6
9	7	10	12	13	13	28	31	48	48	8	6	7
10	7	10	12	13	12	29	31	47	48	8	6	7
11	7	10	12	12	11	29	31	45	48	7	5	7
12	7	10	12	12	10	30	32	43	48	7	5	7
13	7	10	12	12	10	30	33	42	33	7	5	7
14	7	10	12	12	10	30	34	40	32	6	5	7
15	7	10	12	12	11	31	34	38	30	6	5	7
16	8	10	12	11	11	31	34	38	29	6	5	7
17	8	10	12	11	12	31	35	39	28	6	5	7
18	8	10	12	11	13	30	35	39	27	6	5	7
19	8	10	12	11	13	30	36	41	25	6	5	7
20	8	10	12	11	13	30	37	41	24	5	5	7
21	8	11	12	11	13	30	37	42	23	5	6	7
22	8	11	12	11	13	30	37	44	22	5	6	7
23	8	11	12	11	13	30	38	45	21	5	6	7
24	8	11	12	11	12	29	37	47	19	5	6	7
25	8	11	12	11	12	29	37	48	18	5	6	7
26	9	11	13	12	12	29	36	49	18	6	6	8
27	9	11	13	12	12	29	35	50	17	6	6	8
28	9	11	13	12	12	29	34	52	16	5	6	7
29	9	---	13	12	12	29	34	53	15	6	6	7
30	9	---	13	12	13	29	35	52	14	5	6	7
31	9	---	13	---	14	---	36	50	---	6	---	7
Mean	7.7	10	12	12	12.3	27	32.4	44.7	32.4	7.3	5.5	6.8
Max.	9	11	13	13	15	31	38	52	48	14	6	8
Min.	7	9	11	11	12	15	29	37	14	5	5	6
A. F.	474	561	740	714	758	1613	1991	2749	1928	450	325	419
Total Acre Feet	12,722.											

DISCHARGE IN SECOND FEET, SPOTTED TAIL, DRY—1920  
Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	19	26	24	19	33	20	2	2	2	50	24	16
2	19	26	24	19	33	20	2	2	2	49	23	16
3	19	25	24	20	33	20	2	2	3	48	22	16
4	20	24	24	20	32	20	2	2	3	47	21	15
5	20	24	24	20	31	20	2	2	4	46	20	15
6	21	24	25	21	31	20	2	2	5	46	20	15
7	22	24	25	21	31	20	2	2	6	45	19	14
8	23	24	25	21	29	19	2	2	6	44	19	14
9	23	23	24	22	28	19	1	2	7	43	18	13
10	24	23	25	22	27	19	1	2	7	42	17	13
11	25	23	25	23	27	20	1	2	8	41	17	13
12	25	23	25	23	26	22	1	2	8	40	17	13
13	26	23	25	24	25	23	1	2	9	39	17	12
14	27	23	24	24	24	24	1	2	10	38	17	12
15	27	23	24	25	24	25	1	2	11	38	17	12
16	27	23	23	25	23	26	2	2	12	37	17	12
17	27	23	23	26	23	27	2	2	12	36	17	12
18	27	23	22	27	22	29	2	2	13	35	16	12
19	27	24	22	28	22	29	2	2	13	34	16	12
20	27	24	21	28	22	29	2	2	12	34	16	12
21	27	24	21	28	22	30	2	1	15	34	16	13
22	26	24	20	29	22	30	2	1	16	33	16	13
23	26	24	20	30	21	30	2	1	16	32	16	13
24	26	24	19	31	21	30	2	1	17	31	16	13
25	26	24	19	31	21	30	2	1	18	30	16	13
26	26	24	19	32	21	30	2	1	18	29	16	13
27	26	24	19	32	21	30	2	2	19	28	16	13
28	26	24	19	32	20	30	2	2	19	27	16	13
29	26	24	19	33	20	30	2	2	19	26	16	14
30	26	---	19	33	20	30	2	2	19	25	16	14
31	26	---	19	---	20	---	2	2	---	25	---	14
Mean	24	24	22	25	23	25	1.8	1.9	10.5	37.1	17.7	13.4
Max.	27	26	25	33	33	30	2	2	19	50	24	16
Min.	19	23	19	19	20	19	1	1	2	25	16	12
A. F.	1509	1418	1382	1527	1535	1490	109	115	632	2285	1051	823
Total Acre Feet	13,876.											

# HYDROGRAPHIC REPORT—1928

729

## DISCHARGE IN SECOND FEET, SPOTTED TAIL CREEK, DRY—1921 Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	15	21	20	24	25	24	36	36	28	24	16
2	9	15	21	20	25	25	24	36	36	28	24	16
3	9	16	21	20	25	24	24	37	36	28	24	17
4	9	16	22	20	26	24	24	37	35	27	24	17
5	9	16	22	20	26	24	24	38	35	27	24	17
6	9	16	22	20	22	24	24	38	35	27	24	18
7	9	16	23	20	28	23	25	39	34	27	24	18
8	9	16	23	20	28	23	25	39	34	26	24	19
9	9	17	23	20	29	23	26	40	34	26	23	19
10	9	17	23	20	30	23	26	41	34	26	23	20
11	9	17	22	19	31	23	26	42	34	26	23	20
12	9	17	22	19	30	23	27	43	33	26	22	21
13	9	17	22	19	30	23	28	45	33	26	22	21
14	10	17	22	20	30	23	28	46	32	26	21	21
15	10	17	22	20	29	23	28	47	32	26	21	22
16	10	17	22	20	29	23	29	48	32	25	20	22
17	10	18	22	20	29	22	29	50	32	25	20	23
18	11	18	21	21	29	22	30	51	31	25	19	23
19	11	18	21	21	28	22	30	52	31	25	19	23
20	11	18	21	21	28	22	31	50	31	25	19	23
21	12	19	21	21	28	22	31	48	30	25	18	23
22	12	19	21	21	27	22	31	47	30	25	18	23
23	12	19	21	22	27	22	32	46	30	25	17	23
24	13	19	21	22	27	23	32	45	30	25	17	23
25	13	20	21	22	27	23	33	43	29	25	17	23
26	13	20	20	22	26	23	33	42	29	25	16	23
27	14	20	20	22	26	23	34	41	28	24	16	22
28	14	20	20	22	26	23	34	39	28	24	15	22
29	14	---	20	23	26	23	35	38	28	24	15	22
30	14	---	20	23	25	23	35	37	28	24	16	22
31	15	---	20	---	25	---	36	36	---	24	---	22
Mean	10.9	17.5	21.3	10.6	27.4	23	29	42.5	32.9	25.3	10	28
Max.	15	20	23	23	31	25	36	52	36	28	24	23
Min.	9	15	20	19	24	22	24	36	28	24	15	16
A. F.	666	972	1311	1230	1688	1370	1781	2612	1960	1577	1268	1277
Total Acre Feet	17,652.											

## DISCHARGE IN SECOND FEET, SPOTTED TAIL CREEK, DRY—1922 Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	22	18	19	20	21	21	14	17	19	46	28	29	
2	22	18	19	20	21	21	13	17	19	45	28	30	
3	22	18	19	20	21	21	13	17	19	44	27	30	
4	22	18	19	20	21	21	13	17	19	43	27	31	
5	22	18	19	20	21	21	13	17	20	42	26	31	
6	22	17	19	20	21	21	12	17	20	42	26	32	
7	22	17	19	20	21	20	12	17	22	41	25	32	
8	22	17	19	20	22	20	12	17	24	40	25	33	
9	22	17	19	20	22	20	12	17	26	39	24	33	
10	22	17	19	20	22	20	11	17	28	38	24	34	
11	21	17	19	20	22	18	11	18	30	38	24	34	
12	21	17	19	20	22	18	10	18	34	37	23	35	
13	21	17	19	20	22	18	10	18	38	37	23	35	
14	21	17	19	20	22	18	10	18	42	36	22	36	
15	21	17	19	20	22	18	10	18	46	36	22	36	
16	21	18	19	20	21	17	10	18	50	35	21	37	
17	21	18	19	20	21	17	11	18	52	35	21	38	
18	21	18	19	20	21	17	11	18	53	34	22	37	
19	21	18	19	20	21	17	12	18	53	34	22	39	
20	21	18	19	20	21	17	12	18	53	33	23	39	
21	20	18	19	20	21	16	13	19	53	33	23	40	
22	20	18	19	20	21	16	13	19	53	33	24	40	
23	20	18	19	20	21	16	14	19	53	32	24	41	
24	20	18	19	20	21	16	14	19	52	32	25	41	
25	20	18	19	20	21	16	15	19	52	32	26	42	
26	19	19	19	20	21	15	15	19	52	31	26	43	
27	19	19	19	20	21	15	15	19	52	31	27	44	
28	19	19	19	20	21	15	16	19	49	30	27	44	
29	19	---	19	20	21	14	16	19	48	30	28	44	
30	19	---	19	20	21	14	16	19	47	29	28	44	
31	19	---	19	---	21	---	16	19	---	28	---	44	
Mean	20.7	17.7	19	20	21.9	17.8	12.7	18.0	39.2	36	24.7	37.1	
Max.	22	19	19	20	22	21	16	19	53	46	28	44	
Min.	19	17	19	20	21	15	10	17	19	28	21	29	
A. F.	1277	986	1168	1229	1307	1059	783	1108	2336	2214	1469	2279	
Enterprise Canal diversion						2515	2759	3713	1521				
Total Acre Feet to Canal	10,508. Total Acre Feet to River 17,215.												



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SPOTTED TAIL CREEK, DRY—1923  
Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D.c.
1	25	23	17	11	10	14	15	59	44	53	30	18
2	25	23	17	11	11	15	14	59	45	55	30	18
3	25	23	17	11	11	15	13	59	46	53	30	17
4	25	23	17	11	12	15	12	59	47	51	30	19
5	25	23	17	11	12	16	11	59	47	49	30	19
6	25	22	16	10	13	17	11	58	48	42	30	19
7	25	22	16	10	13	17	10	58	49	39	30	20
8	25	22	16	10	14	18	9	58	50	36	30	20
9	25	22	16	10	14	19	9	58	51	33	30	21
10	25	22	16	10	15	19	12	58	52	33	30	21
11	25	21	15	10	16	20	15	58	52	32	29	22
12	25	21	15	10	16	21	18	58	53	32	29	22
13	25	21	15	10	16	21	21	58	54	32	29	23
14	25	21	14	10	16	23	23	58	55	32	29	24
15	25	21	14	10	16	24	26	58	56	32	29	24
16	26	20	14	9	15	24	30	56	57	32	29	25
17	25	20	14	9	15	25	33	54	58	32	28	25
18	25	20	13	9	15	24	35	53	58	32	28	26
19	25	20	13	9	15	23	38	52	52	32	27	26
20	25	20	13	9	15	23	41	50	46	32	27	27
21	25	19	13	9	15	22	45	49	40	31	26	28
22	25	19	13	9	15	21	48	47	36	31	25	28
23	25	19	13	9	15	20	51	46	37	31	24	29
24	25	19	12	9	15	19	52	44	38	31	23	29
25	25	19	12	9	15	19	56	43	41	31	23	30
26	24	18	12	9	14	19	59	41	43	31	22	31
27	24	18	12	9	14	18	59	40	45	31	21	32
28	24	18	12	9	14	17	59	40	47	31	21	33
29	24	....	11	10	14	16	59	41	49	31	20	33
30	23	....	11	10	14	15	59	42	51	31	19	34
31	23	....	11	....	14	....	59	43	....	31	....	34
Mean	24.7	20.6	17.3	9.7	14.1	19.2	32.2	52.1	48.2	35.6	26.9	25.1
Max.	25	23	17	11	16	25	59	59	58	55	30	34
Min.	23	18	11	9	11	14	9	40	35	31	19	18
A. F.	1521	1148	1065	579	870	1144	1987	3205	2868	2192	1603	1541
Total Acre Feet	19,723.											

DISCHARGE IN SECOND FEET, SPOTTED TAIL, DRY, BELOW  
ENTERPRISE—1924  
Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D.c.
1	24	23	30	24	33	26	54	50	60	58	58	28
2	24	23	30	24	33	26	56	50	62	56	58	28
3	24	23	30	24	33	26	56	50	70	54	58	28
4	24	23	30	24	33	26	50	50	78	53	58	28
5	24	23	30	24	33	26	48	50	82	52	58	28
6	24	30	26	26	36	24	46	44	81	51	58	28
7	24	30	26	26	36	24	42	44	80	51	58	28
8	24	30	26	26	36	24	38	44	79	50	58	28
9	24	30	26	26	36	24	34	44	78	50	58	28
10	24	30	26	26	36	24	30	44	77	48	58	28
11	24	35	22	28	32	30	32	38	76	47	40	28
12	24	37	22	28	32	30	34	38	75	46	40	28
13	24	39	22	28	32	30	36	38	74	45	40	28
14	24	40	22	28	32	30	38	38	73	44	40	28
15	24	42	22	28	32	30	40	38	72	42	40	28
16	23	41	18	30	31	36	42	38	72	43	20	28
17	23	40	18	30	31	36	44	38	70	44	20	28
18	23	39	18	30	31	36	46	38	70	46	20	28
19	23	38	18	30	31	36	48	38	68	47	20	28
20	23	37	18	30	31	36	50	38	66	48	20	28
21	23	36	20	30	30	42	52	38	66	49	20	28
22	23	36	20	30	30	42	54	38	64	49	20	28
23	23	36	20	30	30	42	56	38	64	50	20	28
24	23	36	20	30	30	42	58	38	63	51	20	28
25	23	36	20	30	30	42	60	38	62	52	20	28
26	20	32	22	32	28	50	62	38	60	53	20	28
27	20	32	22	32	28	50	60	38	59	54	20	28
28	20	32	22	32	28	50	60	50	59	55	20	28
29	20	32	22	32	28	50	60	50	58	56	20	28
30	20	....	22	32	28	50	60	60	58	58	20	28
31	20	....	22	....	28	....	60	60	....	59	....	28
Mean	23	33	22	28	32	35	49	43	60	50	36	28
Max.	24	42	30	32	36	50	62	60	82	59	58	28
Min.	20	23	18	24	28	26	30	38	58	42	20	28
A. F.	1408	1906	1368	1686	1940	2062	2987	2649	4118	3096	2142	1722
Total Acre Feet	to river 27,084.											

HYDROGRAPHIC REPORT—1928

731

DISCHARGE IN SECOND FEET, SPOTTED TAIL, DRY—1925  
Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	47	37	32	32	21	28	19	97	37	33	44	30
2	47	37	32	32	21	28	19	97	37	33	44	30
3	47	37	32	32	21	28	19	97	37	33	44	30
4	47	37	32	32	21	28	19	97	37	33	44	30
5	47	37	32	32	21	28	19	97	37	33	44	30
6	47	37	32	32	21	28	20	97	37	33	44	30
7	47	37	32	32	21	28	20	97	37	33	44	30
8	47	37	32	32	21	28	20	97	37	33	44	30
9	47	37	32	32	21	28	20	97	37	33	44	30
10	47	37	32	32	21	28	20	97	37	33	44	30
11	47	37	32	20	21	28	20	97	37	33	44	30
12	47	37	32	20	21	28	20	97	37	33	44	30
13	47	37	32	20	21	28	20	97	37	33	44	30
14	47	37	32	20	21	28	20	97	37	33	44	30
15	47	37	32	20	21	28	20	97	37	33	44	30
16	47	37	32	20	21	35	75	97	37	33	44	30
17	47	37	32	20	21	35	75	97	37	33	44	30
18	47	37	32	20	21	35	75	97	37	33	44	30
19	47	37	32	20	21	35	75	97	37	33	44	30
20	47	37	32	20	21	35	75	97	37	33	44	30
21	47	37	32	15	21	35	75	97	57	33	44	30
22	47	37	32	15	21	35	75	97	57	33	44	30
23	47	37	32	15	21	35	75	97	57	33	44	30
24	47	37	32	15	21	35	75	97	57	33	44	30
25	47	37	32	15	21	35	75	97	57	33	44	30
26	47	37	32	15	21	35	86	97	57	33	44	30
27	47	37	32	15	21	35	86	97	57	33	44	30
28	47	37	32	15	21	35	86	97	57	33	44	30
29	47	37	32	15	21	35	86	97	57	33	44	30
30	47	---	32	15	21	35	86	97	57	33	44	30
31	47	---	32	---	21	---	86	97	---	33	---	30
Mean	47	37	32	22	21	31	50	97	43	33	44	30
Max.	47	37	32	32	21	35	86	97	57	33	44	30
Min.	47	37	32	15	21	28	19	97	37	33	44	30
A. F.	2890	2055	1967	1329	1291	1874	3096	5964	2598	2029	2618	1844
Total	Acres Feet 29,555.											

DISCHARGE IN SECOND FEET, SPOTTED TAIL, DRY—1926  
Sec. 28, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	18	28	15	21	22	53	60	109	78	72	35	41
2	18	28	15	21	22	53	60	109	78	72	35	41
3	18	28	15	21	22	53	60	109	78	72	35	41
4	18	28	15	21	22	53	60	109	78	72	35	41
5	18	28	15	21	22	53	60	109	78	72	35	41
6	18	28	15	21	22	53	60	109	78	72	35	41
7	18	28	15	21	22	53	60	109	78	72	35	41
8	18	28	15	21	22	53	60	109	78	72	35	41
9	18	28	15	21	22	53	60	109	78	72	35	41
10	18	28	15	21	22	53	60	109	78	72	35	41
11	18	28	15	21	22	53	60	109	78	72	35	41
12	18	28	15	21	22	53	60	109	78	72	35	41
13	18	28	15	21	22	53	60	109	78	72	35	41
14	18	28	15	21	22	53	60	109	78	72	35	41
15	18	28	15	21	22	53	60	109	78	72	35	41
16	18	28	15	21	32	53	60	109	78	72	35	41
17	18	28	15	21	32	53	60	109	78	72	35	41
18	18	28	15	21	32	53	60	109	78	72	35	41
19	18	28	15	21	32	53	60	109	78	72	35	41
20	18	28	15	21	32	53	60	109	78	72	35	41
21	18	28	15	21	32	37	56	88	78	26	35	41
22	18	28	15	21	32	37	56	88	78	26	35	41
23	18	28	15	21	32	37	56	88	78	26	35	41
24	18	28	15	21	32	37	56	88	78	26	35	41
25	18	28	15	21	32	37	56	88	78	26	35	41
26	18	28	15	21	32	37	56	88	78	26	35	41
27	18	28	15	21	32	37	56	88	78	26	35	41
28	18	28	15	21	32	37	56	88	78	26	35	41
29	18	---	15	21	32	37	56	88	78	26	35	41
30	18	---	15	21	32	37	56	88	78	26	35	41
31	18	---	15	---	32	---	56	88	---	26	---	41
Mean	18	28	15	21	27	48	58	101	78	56	35	41
Max.	18	28	16	21	32	53	60	109	78	72	35	41
Min.	18	28	15	21	22	37	56	88	78	26	35	41
A. F.	1107	1555	922	1256	1670	2836	3602	6244	4641	3423	2083	2419
Total	Acres Feet 31,752.											



**DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, ABOVE TRI-STATE CANAL—1919**

Sec. 10, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11	10	9	8	9	10	12	16	18	26	21	13
2	11	10	9	8	9	10	12	16	18	26	21	12
3	11	10	9	8	9	10	12	16	18	25	21	12
4	11	10	9	8	9	10	12	16	19	25	21	12
5	11	10	9	8	9	10	12	16	19	24	21	12
6	11	10	9	8	9	10	13	16	19	24	21	12
7	11	10	9	8	9	10	13	16	20	23	21	12
8	11	10	9	8	9	10	13	15	20	23	20	12
9	11	10	9	8	9	10	13	15	20	23	20	12
10	11	10	9	8	9	10	13	15	21	23	20	12
11	11	10	9	8	9	10	14	15	21	23	20	12
12	11	10	9	8	9	10	14	15	22	22	19	12
13	11	10	9	8	9	10	14	15	22	22	19	12
14	11	10	9	8	9	10	14	15	23	22	19	12
15	11	10	9	8	9	10	14	15	23	22	19	12
16	11	10	9	8	9	11	15	15	23	22	18	11
17	11	10	9	8	9	11	15	16	24	22	18	11
18	11	10	9	8	9	11	15	15	24	22	17	11
19	11	10	9	8	9	11	15	16	25	22	17	11
20	11	10	9	8	9	11	15	15	26	22	17	11
21	10	9	8	8	9	11	15	16	26	22	16	11
22	10	9	8	8	9	11	15	16	26	21	16	11
23	10	9	8	8	9	11	15	16	27	21	16	11
24	10	9	8	8	9	11	16	16	27	21	16	11
25	10	9	8	8	9	11	16	16	27	21	16	11
26	10	9	8	8	9	11	16	16	26	21	15	11
27	10	9	8	8	9	11	16	16	26	21	14	11
28	10	9	8	8	9	11	16	16	26	21	14	11
29	10	9	8	8	9	11	16	17	26	21	13	11
30	10	9	8	8	9	11	16	17	26	21	13	11
31	10	9	8	8	9	11	16	17	26	21	13	11
Mean	10.6	9.7	8.5	8	9	10.5	14.3	15.7	22.9	22.4	18	11.5
Max.	11	10	9	8	9	11	16	17	27	26	21	13
Min.	10	9	8	8	9	10	12	15	18	21	13	11
A. F.	655	490	452	476	553	626	879	968	1365	1379	1069	708
Total Acre Feet	9,620.											

**DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, ABOVE TRI-STATE CANAL—1921**

Sec. 10, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	9	10	7	5	7	7	10	20	19	25	20
2	8	9	10	7	5	7	7	10	19	19	25	20
3	8	9	10	7	5	7	7	10	19	19	24	20
4	8	9	10	7	5	7	7	10	19	20	24	20
5	8	10	10	7	5	7	7	11	19	20	23	19
6	8	10	10	7	5	7	7	11	19	21	23	19
7	8	10	9	6	5	8	7	11	19	21	22	19
8	8	10	9	6	5	8	8	11	19	22	22	19
9	8	11	9	6	5	8	8	11	19	22	22	18
10	8	11	9	6	5	7	8	11	19	22	22	18
11	8	11	9	6	4	7	8	12	19	22	22	18
12	8	11	9	6	4	7	8	13	19	23	22	18
13	8	11	9	6	4	7	8	14	19	23	21	17
14	9	11	9	6	5	7	8	14	18	23	21	17
15	9	11	9	6	5	7	8	15	18	24	21	17
16	9	11	8	6	5	7	9	15	18	24	21	17
17	9	11	8	6	5	7	9	16	18	24	21	17
18	9	11	8	6	5	7	9	17	18	24	21	16
19	9	11	8	6	5	7	9	18	18	25	21	16
20	9	11	8	6	5	7	9	18	18	25	21	16
21	9	11	8	5	5	7	9	19	18	25	21	15
22	9	11	8	5	6	6	9	19	18	25	21	15
23	9	11	8	5	6	6	9	19	18	26	21	15
24	9	11	8	5	6	7	9	19	18	26	21	15
25	9	11	8	5	6	7	10	19	18	26	21	14
26	9	11	7	5	6	7	10	19	18	26	21	14
27	9	10	7	5	6	7	10	19	17	27	21	14
28	9	10	7	5	6	7	10	19	17	27	21	13
29	9	9	7	5	6	7	10	19	18	26	20	13
30	9	9	7	5	6	7	10	19	18	26	20	13
31	9	9	7	5	7	10	20	20	18	25	20	13
Mean	8.6	10.5	8.5	5.9	5.2	7.5	8.5	13.5	17.8	23	21.7	16.6
Max.	9	11	10	7	7	8	10	20	20	27	25	20
Min.	8	9	7	5	4	7	7	10	17	19	20	13
A. F.	528	583	522	349	323	418	524	829	1094	1442	1233	1021
Total Acre Feet	8,926.											

## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, UPPER GAGING STATION—1922

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	9	14	13	9	16	11	10	18	19	14	13	12
2	9	14	13	9	16	10	10	19	20	14	13	12
3	9	14	13	9	17	9	11	19	22	14	13	12
4	9	14	13	9	17	9	11	20	24	14	12	11
5	9	15	13	9	16	8	11	20	25	14	12	11
6	9	15	12	9	16	8	11	20	27	14	12	11
7	9	15	12	9	16	8	11	21	28	14	12	11
8	9	15	12	10	16	8	11	21	29	14	12	11
9	9	15	12	10	16	8	12	22	30	14	12	11
10	9	15	12	10	16	8	12	22	31	14	12	11
11	9	15	12	10	16	8	12	22	32	14	12	11
12	10	15	12	11	16	8	12	23	33	14	12	11
13	10	15	12	11	16	8	12	23	34	14	12	11
14	10	15	11	11	16	8	13	24	32	14	12	11
15	10	15	11	12	16	8	13	24	29	14	12	11
16	10	14	11	12	16	8	13	24	27	13	12	11
17	11	14	11	12	15	8	13	24	25	13	12	11
18	11	14	11	12	15	8	13	25	23	13	12	11
19	11	14	10	13	15	9	13	26	20	13	12	11
20	11	14	10	13	15	9	14	26	18	13	12	11
21	11	14	10	13	15	9	14	26	16	13	12	11
22	12	14	10	13	15	9	14	27	15	13	12	11
23	12	14	10	14	15	9	14	27	15	13	12	11
24	12	14	10	14	15	9	14	28	15	13	12	11
25	12	14	10	14	15	10	15	28	15	13	12	11
26	12	13	10	15	14	10	15	25	15	13	12	10
27	13	13	10	15	14	10	16	22	15	13	12	10
28	13	13	10	15	13	10	16	19	15	13	12	10
29	13	---	9	15	12	10	17	17	14	13	12	10
30	13	---	9	16	12	10	17	18	14	13	12	10
31	14	---	9	---	11	---	18	19	---	13	---	10
Mean	10.7	14.2	11	11.8	15.1	8.8	13.1	22.4	22.5	13.4	12.1	10.9
Max.	14	15	13	16	17	11	18	28	34	14	13	12
Min.	9	13	9	9	11	8	10	18	14	13	12	10
A. F.	654	793	680	702	930	525	809	1388	1342	829	720	670
Total Acre Feet	10,042.											

## DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, ABOVE TRI-STATE CANAL—1925

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	D. c.
1	*	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	*	*
2	---	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	---	---
3	---	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	---	---
4	---	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	---	---
5	---	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	---	---
6	---	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	---	---
7	---	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	---	---
8	---	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	---	---
9	---	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	---	---
10	---	12.2	15.5	15.2	13.7	17.4	12.1	19.5	27.4	32.3	---	---
11	---	12.2	15.5	15.2	13.7	17.4	18.8	19.5	27.4	32.3	---	---
12	---	12.2	15.5	15.2	13.7	17.4	18.8	19.5	27.4	32.3	---	---
13	---	12.2	15.5	15.2	13.7	17.4	18.8	19.5	27.4	32.3	---	---
14	---	12.2	15.5	15.2	13.7	17.4	18.8	19.5	27.4	32.3	---	---
15	---	12.2	15.5	15.2	13.7	17.4	18.8	19.5	27.4	32.3	---	---
16	---	12.2	15.5	15.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
17	---	12.2	15.5	15.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
18	---	12.2	15.5	15.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
19	---	12.2	15.5	15.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
20	---	12.2	15.5	15.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
21	---	12.2	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
22	---	12.2	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
23	---	12.2	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
24	---	12.2	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
25	---	12.2	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
26	---	12.2	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
27	---	12.2	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
28	---	12.2	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
29	---	---	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
30	---	---	15.5	10.2	13.7	8.6	19.5	19.5	36.4	32.3	---	---
31	---	---	15.5	---	13.7	---	19.5	19.5	---	32.3	---	---
Mean	---	12.2	15.5	13.5	13.7	13.0	16.4	19.5	30.4	32.3	---	---
Max.	---	12.2	15.5	15.2	13.7	17.4	19.5	19.5	36.4	32.3	---	---
Min.	---	12.2	15.5	10.2	13.7	8.6	12.1	19.5	27.4	32.3	---	---
A. F.	---	678	952	805	843	773	1013	1198	1808	1985	---	---
*No Record.												

DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, TO RIVER—1919  
Sec. 6, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17	13	10	6	3	4	3	3	3	34	23	20
2	17	13	10	6	3	4	2	3	3	34	23	20
3	17	12	9	6	3	4	2	3	3	34	23	20
4	17	12	9	6	3	4	2	3	3	35	23	20
5	17	12	9	6	4	4	2	3	3	35	24	20
6	16	12	9	6	4	5	2	3	3	36	23	20
7	16	12	9	6	4	5	2	3	3	36	23	20
8	16	12	9	6	3	5	2	3	3	36	23	20
9	16	12	9	6	3	5	2	3	3	36	23	20
10	16	12	9	5	3	5	2	3	3	35	23	20
11	15	12	9	5	3	5	1	3	3	35	23	19
12	15	12	9	5	3	4	1	3	3	34	23	19
13	15	12	9	5	2	4	1	3	25	34	22	19
14	15	12	9	5	2	4	1	3	40	33	22	19
15	15	12	8	5	2	4	1	3	45	33	22	19
16	15	11	8	5	2	3	1	3	46	32	22	19
17	15	11	8	5	2	3	1	3	47	32	22	19
18	15	11	8	5	2	2	1	3	47	32	22	18
19	15	11	8	4	2	2	1	3	47	31	22	18
20	14	11	8	4	2	2	1	3	47	31	22	18
21	14	11	7	4	2	2	1	3	47	30	22	18
22	14	11	7	4	2	2	1	3	47	29	21	18
23	14	11	7	4	2	2	1	3	47	28	21	18
24	14	11	7	3	3	2	2	3	46	27	21	18
25	14	11	7	3	3	2	2	3	45	26	21	18
26	14	10	7	3	3	2	2	3	42	25	21	17
27	14	10	7	3	3	2	2	3	39	25	21	17
28	14	10	7	3	4	2	2	3	37	24	21	17
29	14	....	6	3	4	2	3	3	35	23	21	17
30	14	....	6	3	4	3	3	3	34	23	21	17
31	14	....	6	....	4	....	3	3	....	23	....	17
Mean	15	11.5	8	3.7	3	3	1.7	3	26.6	31	22	18.7
Max.	17	13	10	6	4	5	3	3	47	36	24	20
Min.	14	10	6	3	2	2	1	3	3	23	21	17
A. F.	928	639	496	278	177	196	105	184	1585	1906	1317	1147
Total Acre Feet	8,958.											

DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, THROUGH TRI-STATE CANAL TO RIVER—1920

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13	11	8	7	3	4	11	12	18	16	11	9
2	13	11	8	7	3	4	11	12	19	16	11	10
3	13	10	8	7	3	4	10	12	19	16	10	10
4	13	10	8	7	3	4	10	12	19	16	10	11
5	13	10	8	7	3	4	10	12	20	16	10	12
6	13	10	8	7	3	4	9	12	20	15	10	13
7	13	10	8	7	3	4	9	12	20	15	10	13
8	13	10	8	7	3	4	8	12	21	15	9	14
9	13	10	8	7	3	4	8	12	21	15	9	15
10	13	10	7	7	3	4	8	12	21	15	9	16
11	12	10	7	7	3	4	7	12	20	14	9	16
12	12	10	7	7	3	4	7	12	20	14	9	17
13	12	10	7	6	3	5	6	13	20	14	9	17
14	12	10	7	6	3	5	6	13	20	14	9	18
15	12	10	7	6	4	5	6	13	20	14	9	18
16	12	10	7	6	4	6	6	13	19	13	9	17
17	12	10	7	6	4	6	7	13	19	13	9	17
18	12	9	7	6	4	7	7	13	19	13	9	16
19	12	9	7	5	4	7	7	14	18	13	9	15
20	12	9	7	5	4	8	8	14	18	13	9	15
21	11	9	7	4	4	8	8	14	18	12	9	15
22	11	9	7	4	4	9	9	15	18	12	9	14
23	11	9	7	4	4	9	9	15	18	12	9	13
24	11	9	7	4	4	9	10	16	18	12	9	13
25	11	9	7	4	4	10	10	16	18	12	9	12
26	11	8	7	4	4	10	10	17	17	12	8	12
27	11	8	7	4	4	11	11	17	17	12	8	11
28	11	8	7	3	4	11	11	17	17	11	8	10
29	11	8	7	3	....	12	12	18	17	11	8	9
30	11	....	7	3	....	11	12	18	17	11	8	9
31	11	....	7	....	....	....	12	18	....	11	....	8
Mean	12	9.5	7.3	5.7	3.4	6.6	7.0	14.0	17.0	13.5	9.1	13.4
Max.	13	11	8	7	4	12	12	18	21	16	11	18
Min.	11	8	7	3	3	4	6	12	17	11	8	8
A. F.	736	547	448	337	194	391	595	853	1124	829	543	823
Total Acre Feet	7,420.											

## DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, BELOW ENTERPRISE CANAL—1921

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	6	6	6	9	7	6	7	4	2	7	7
2	4	6	6	6	10	6	6	7	4	2	7	7
3	4	6	6	6	11	6	6	7	4	2	7	7
4	4	6	6	6	12	5	6	7	4	2	7	7
5	4	6	6	6	13	5	6	7	4	2	7	7
6	4	6	6	6	14	4	6	7	4	3	7	7
7	4	6	6	6	15	4	6	7	4	3	7	7
8	5	6	6	6	16	3	6	7	4	3	7	7
9	5	6	6	6	17	3	6	7	4	3	7	7
10	5	7	6	6	18	3	6	7	4	3	7	7
11	5	7	6	6	19	4	6	7	4	4	7	7
12	5	7	6	6	20	4	6	7	4	4	7	7
13	5	7	6	6	20	4	6	7	4	4	7	7
14	5	7	6	6	19	4	6	7	4	4	7	7
15	5	7	6	6	18	4	6	7	4	4	7	7
16	5	8	6	6	17	5	6	7	3	4	7	7
17	5	8	6	6	16	5	6	7	3	5	7	7
18	5	8	6	6	16	5	6	7	3	5	7	7
19	5	7	6	6	15	5	6	7	3	5	7	7
20	5	7	6	6	15	5	6	7	3	5	7	7
21	5	7	6	6	14	6	6	6	3	5	7	7
22	5	7	6	6	13	6	6	6	3	6	7	8
23	5	7	6	6	12	6	6	6	3	6	7	8
24	5	7	6	7	12	6	6	6	3	6	7	8
25	5	7	6	7	11	6	6	5	3	6	7	8
26	5	7	6	7	10	6	6	5	3	6	7	9
27	5	7	6	7	10	6	6	5	3	7	7	9
28	5	7	6	7	9	6	6	5	3	7	7	9
29	5	---	6	7	8	6	6	5	3	7	7	9
30	5	---	6	8	8	6	6	4	3	7	7	9
31	5	---	6	---	8	---	6	4	3	7	7	9
Mean	4.8	6.5	6	6.9	13.7	5.1	6	6.4	3.5	4.5	7	7.5
Max.	5	8	6	8	20	7	6	7	4	7	7	9
Min.	4	6	6	6	8	3	6	4	3	2	7	7
A. F.	293	378	369	373	843	305	358	380	208	276	416	462
Total Acre Feet	4,661.											

## DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, BELOW TRI-STATE CANAL—1920

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	7	6	7	10	6	9	5	10	12	8	11
2	6	7	6	7	10	6	9	5	11	12	8	11
3	6	7	6	6	10	6	9	5	12	12	8	10
4	6	7	6	6	10	6	8	5	13	12	8	10
5	6	7	6	6	10	6	8	5	14	12	7	10
6	6	7	6	6	10	7	8	5	15	12	7	5
7	6	7	6	6	10	7	8	5	17	12	7	9
8	6	7	6	6	9	7	7	5	18	11	7	8
9	6	7	5	7	9	7	7	5	20	11	7	8
10	6	7	5	7	9	7	7	5	21	11	7	7
11	6	6	5	7	9	7	6	5	20	11	7	7
12	6	6	5	7	9	7	6	5	20	11	7	6
13	7	6	6	7	8	7	5	5	19	11	7	6
14	7	6	6	7	8	7	5	5	18	10	8	6
15	7	6	6	7	8	7	4	5	18	10	8	6
16	7	6	6	7	8	7	4	5	17	10	8	6
17	7	6	6	7	8	7	4	5	17	10	8	6
18	7	6	6	8	7	7	4	5	16	10	8	6
19	7	6	6	8	7	8	4	5	16	9	9	6
20	7	6	6	8	7	8	4	5	15	9	9	6
21	7	6	6	8	7	8	4	5	15	9	9	6
22	7	6	6	8	7	8	4	5	15	9	9	7
23	7	6	7	9	7	8	4	5	14	9	10	7
24	7	6	7	9	7	8	4	5	14	9	10	7
25	7	6	7	9	7	8	4	5	14	9	10	7
26	7	6	7	9	7	9	4	4	13	9	11	7
27	7	6	7	9	7	9	4	5	13	8	11	8
28	7	6	7	16	6	9	5	6	13	8	12	8
29	7	6	7	10	6	9	5	7	12	8	12	8
30	7	---	7	10	6	9	5	8	12	8	12	8
31	7	---	7	---	6	---	5	9	---	8	---	8
Mean	6.5	7	6	7	8	7	5	5	15	10	8	8
Max.	7	7	7	10	9	9	9	9	21	12	12	11
Min.	6	6	5	7	6	6	4	4	10	8	7	6
A. F.	407	365	367	452	491	458	345	323	917	619	497	468
Total Acre Feet	5,712.											

HYDROGRAPHIC REPORT—1928

737

DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET—1922  
Sec. 26, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11	11	9	14	22	6	10	8	5	9	9	8
2	11	11	9	13	23	6	10	8	5	9	9	8
3	11	11	9	13	23	6	11	8	5	9	9	8
4	11	11	8	13	22	6	11	8	5	9	9	8
5	11	11	8	12	21	6	11	9	5	9	9	8
6	11	11	8	12	20	6	11	9	5	9	9	8
7	11	11	9	13	19	5	12	9	5	9	9	8
8	11	11	9	13	18	6	12	9	4	9	9	8
9	11	11	10	13	17	4	13	9	4	9	9	8
10	11	10	11	14	16	4	14	10	4	9	9	8
11	11	10	11	14	16	4	14	10	4	9	9	8
12	11	10	12	15	15	3	15	10	4	9	9	9
13	11	10	12	15	14	3	15	10	4	9	9	8
14	11	10	13	15	13	3	16	10	4	9	9	8
15	11	10	13	16	13	3	16	10	4	9	9	8
16	11	10	14	16	12	4	14	11	4	9	9	9
17	11	10	14	17	11	4	12	11	5	9	9	8
18	11	10	15	17	10	4	10	11	5	9	9	8
19	11	10	15	17	10	5	8	11	6	9	9	8
20	11	10	16	18	9	5	7	11	6	9	9	8
21	11	10	16	18	8	6	6	11	7	9	8	8
22	11	10	17	19	7	6	6	12	7	9	8	8
23	11	10	17	19	7	7	6	12	7	9	8	8
24	11	9	16	19	6	7	6	12	8	9	8	8
25	11	9	16	20	5	8	6	12	8	9	8	8
26	11	9	16	20	5	8	7	9	9	9	8	8
27	11	9	15	21	5	9	7	8	9	9	8	8
28	11	9	15	21	5	9	7	5	9	9	8	8
29	11	---	15	22	5	9	7	5	9	9	8	8
30	11	---	14	22	6	10	8	5	9	9	8	8
31	11	---	14	---	6	---	8	5	---	9	---	8
Mean	11	10	12	16	12	5	10	9	6	9	9	8
Max.	11	11	17	22	23	10	16	12	9	9	9	8
Min.	11	9	8	13	5	3	6	5	4	9	8	8
A. F.	676	559	784	974	711	339	627	571	347	553	515	492
Total Acre Feet	7,148.											

DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET—1923  
Sec. 26, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.5	2.5	4.0	3.5	7.5	3.5	5.5	13.0	5.0	6.0	5.0	9.0
2	2.5	2.5	4.0	3.5	7.5	3.5	6.0	13.0	5.0	6.0	5.5	9.0
3	2.5	2.5	4.0	3.5	7.0	3.5	6.0	13.0	5.0	6.0	6.0	9.0
4	2.5	2.5	4.0	3.5	6.5	3.5	6.5	13.0	5.0	6.0	6.0	9.0
5	2.5	2.5	4.0	3.5	6.0	3.5	7.0	13.0	5.0	6.0	6.5	9.0
6	2.5	3.0	4.0	3.5	6.0	3.0	7.5	13.0	5.0	4.5	6.5	9.0
7	2.5	3.0	4.0	3.5	6.0	3.0	7.5	13.0	5.0	4.5	6.5	9.0
8	2.5	3.0	4.0	3.5	5.0	3.0	8.0	13.0	5.0	4.5	7.5	9.0
9	2.5	3.0	4.0	3.5	5.0	3.0	8.0	13.0	5.0	4.5	8.0	9.0
10	2.5	3.0	4.0	3.5	5.0	3.0	8.5	13.0	5.0	4.5	8.5	9.0
11	2.5	3.5	3.5	3.5	5.0	3.0	8.5	13.0	5.0	3.0	9.0	9.0
12	2.5	3.5	3.5	3.5	5.0	3.0	9.0	13.0	5.0	3.0	9.0	9.0
13	2.5	3.5	3.5	3.5	5.0	3.5	9.0	13.0	5.0	3.0	9.0	9.0
14	2.5	3.5	3.5	3.5	5.0	3.0	9.5	13.0	5.0	3.0	9.0	9.0
15	2.5	4.0	3.5	3.5	5.0	3.0	10.0	13.0	5.0	3.0	9.0	9.0
16	2.5	4.0	3.5	3.5	4.5	3.0	10.5	12.5	5.0	3.5	9.0	9.0
17	2.5	4.0	3.5	4.0	4.5	3.0	10.5	11.5	5.0	3.5	9.0	9.0
18	2.5	4.0	3.5	4.5	4.5	3.0	11.0	10.5	5.0	3.5	9.0	9.0
19	2.5	4.0	3.5	5.0	4.5	3.0	11.0	10.0	5.0	3.5	9.0	9.0
20	2.5	4.0	3.5	5.0	4.5	3.0	11.5	9.5	5.0	3.5	9.0	9.0
21	2.5	4.0	3.5	5.5	4.0	3.0	11.5	9.0	6.0	3.5	9.0	9.0
22	2.5	4.0	3.5	6.0	4.0	3.5	12.0	8.5	6.0	3.5	9.0	9.0
23	2.5	4.0	3.5	7.0	4.0	3.5	12.0	8.0	6.0	3.5	9.0	9.0
24	2.5	4.0	3.5	8.0	4.0	4.0	12.5	7.5	6.0	3.5	9.0	9.0
25	2.5	4.0	3.5	9.0	4.0	4.0	13.0	7.0	6.0	3.5	9.0	9.0
26	2.5	4.0	3.5	11.0	3.5	4.5	13.0	6.0	6.0	4.0	9.0	9.0
27	2.5	4.0	3.5	10.5	3.5	4.5	13.0	5.0	6.0	4.0	9.0	9.0
28	2.5	4.0	3.5	9.5	3.5	5.0	13.0	5.0	6.0	4.0	9.0	9.0
29	2.5	---	3.5	8.5	3.5	5.0	13.0	5.0	6.0	5.0	9.0	9.0
30	2.5	---	3.5	7.5	3.5	5.5	13.0	5.0	6.0	5.0	9.0	9.0
31	2.5	---	3.5	---	3.5	---	13.0	5.0	---	5.0	---	9.0
Mean	2.5	4.4	3.6	5.2	4.8	3.5	9.7	9.3	4.3	4.8	8.2	9.0
Max.	2.5	4.0	4.0	11.0	7.5	5.5	13.0	13.0	6.0	6.0	9.0	9.0
Min.	2.5	2.5	3.5	3.5	3.5	3.0	5.5	5.0	5.0	3.5	5.0	9.0
A. F.	154	247	225	311	297	208	599	634	317	296	498	553
Total Acre Feet	4,339.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, AND KRONBERG  
SEEP—1924

Sec. 6, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	10	8	10	12	10	14	11	12	10	12	14
2	12	10	8	10	12	10	14	11	12	10	12	14
3	12	10	8	11	12	10	14	12	11	10	12	14
4	12	10	8	11	12	10	14	12	11	10	12	14
5	12	10	8	11	12	10	14	12	10	10	12	14
6	12	10	8	11	12	10	14	12	10	10	12	14
7	12	10	8	11	12	10	14	12	10	10	12	14
8	12	9	8	11	12	10	14	13	10	10	12	14
9	12	9	8	12	12	10	14	14	10	10	12	14
10	12	9	8	12	12	10	14	14	10	10	12	14
11	12	9	8	12	12	10	14	14	10	10	12	14
12	12	8	8	12	12	10	13	14	10	10	12	14
13	12	8	8	12	12	10	12	14	10	10	12	14
14	12	8	8	12	12	10	12	14	10	10	12	14
15	12	8	8	12	12	10	12	13	10	10	12	14
16	12	8	8	12	12	10	12	13	10	10	12	14
17	12	8	8	12	12	11	12	13	10	10	12	14
18	12	8	8	12	12	11	11	13	10	10	12	14
19	12	8	8	12	12	12	11	13	10	10	12	14
20	12	8	8	12	12	12	11	13	10	10	12	14
21	12	8	8	12	11	12	11	12	10	11	12	14
22	11	8	8	12	11	12	11	12	10	11	12	14
23	11	8	8	12	11	13	10	12	10	11	12	14
24	11	8	8	12	11	13	10	12	10	11	12	14
25	11	8	8	12	11	13	10	12	10	11	12	14
26	11	8	8	12	11	13	10	12	10	12	12	14
27	11	8	9	12	11	13	11	12	10	12	12	14
28	10	8	10	12	11	13	11	12	10	12	12	14
29	10	8	10	12	10	13	11	12	10	12	12	14
30	10	10	10	12	10	13	11	12	10	12	12	14
31	10	10	10	10	10	10	11	12	10	12	12	14
Mean	11	9	8	12	12	11	12	13	10	11	12	14
Max.	12	10	10	12	12	13	14	14	12	12	12	14
Min.	10	8	8	10	10	10	10	11	10	10	12	14
A. F.	710	496	478	694	710	662	748	772	607	649	714	821
Total Acre Feet	8,061.											

DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, AND KRONBERG  
SEEP—1925

Sec. 6, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
2	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
3	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
4	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
5	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
6	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
7	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
8	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
9	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
10	10.4	11.8	10.2	11.2	2.7	4.4	3.6	6.9	8.0	15.2	15.0	13.4
11	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
12	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
13	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
14	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
15	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
16	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
17	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
18	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
19	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
20	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
21	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
22	10.4	11.8	10.2	6.9	2.7	2.7	4.9	6.9	11.1	15.2	15.0	13.4
23	10.4	11.8	10.2	6.9	2.7	2.7	4.9	6.9	11.1	15.2	15.0	13.4
24	10.4	11.8	10.2	6.9	2.7	2.7	4.9	6.9	11.1	15.2	15.0	13.4
25	10.4	11.8	10.2	6.9	2.7	2.7	4.9	6.9	11.1	15.2	15.0	13.4
26	10.4	11.8	10.2	6.9	2.7	2.7	6.9	6.9	11.1	15.2	15.0	13.4
27	10.4	11.8	10.2	6.9	2.7	2.7	6.9	6.9	11.1	15.2	15.0	13.4
28	10.4	11.8	10.2	6.9	2.7	2.7	6.9	6.9	11.1	15.2	15.0	13.4
29	10.4	11.8	10.2	6.9	2.7	2.7	6.9	6.9	11.1	15.2	15.0	13.4
30	10.4	11.8	10.2	6.9	2.7	2.7	6.9	6.9	11.1	15.2	15.0	13.4
31	10.4	11.8	10.2	6.9	2.7	2.7	6.9	6.9	11.1	15.2	15.0	13.4
Mean	10.4	11.8	10.2	8.3	2.7	3.2	4.4	6.9	9.0	15.2	15.0	13.4
Max.	10.4	11.8	10.2	11.2	2.7	4.4	6.9	6.9	11.1	15.2	15.0	13.4
Min.	10.4	11.8	10.2	6.9	2.7	2.7	3.6	6.9	8.0	15.2	15.0	13.4
A. F.	639	654	627	496	166	194	274	424	537	934	892	823
Total Acre Feet	6,660.											

DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, AND KRONBERG  
SEEP—1926

Sec. 6, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13	12	12	9	9	12	10	16	10	13	12	12
2	13	12	12	9	9	12	10	16	10	13	12	12
3	13	12	12	9	9	12	10	16	10	13	12	12
4	13	12	12	9	9	12	10	16	10	13	12	12
5	13	12	12	9	9	12	10	16	10	13	12	12
6	13	12	12	9	9	12	10	16	10	13	12	12
7	13	12	12	9	9	12	10	16	10	13	12	12
8	13	12	12	9	9	12	10	16	10	13	12	12
9	13	12	12	9	9	12	10	16	10	13	12	12
10	13	12	12	9	9	12	10	16	10	13	12	12
11	13	12	12	9	9	12	10	16	10	13	12	12
12	13	12	12	9	9	12	10	16	10	13	12	12
13	13	12	12	9	9	12	10	16	10	13	12	12
14	13	12	12	9	9	12	10	16	10	13	12	12
15	13	12	12	9	9	12	10	16	10	13	12	12
16	13	12	12	9	11	12	10	16	10	13	12	12
17	13	12	12	9	11	12	10	16	10	13	12	12
18	13	12	12	9	11	12	10	16	10	13	12	12
19	13	12	12	9	11	12	10	16	10	13	12	12
20	13	12	12	9	11	12	10	16	10	13	12	12
21	13	12	12	9	11	12	12	11	10	13	12	12
22	13	12	12	9	11	12	12	11	10	13	12	12
23	13	12	12	9	11	12	12	11	10	13	12	12
24	13	12	12	9	11	12	12	11	10	13	12	12
25	13	12	12	9	11	12	12	11	10	13	12	12
26	13	12	12	9	11	12	12	11	10	13	12	12
27	13	12	12	9	11	12	12	11	10	13	12	12
28	13	12	12	9	11	12	12	11	10	13	12	12
29	13	---	12	9	11	12	12	11	10	13	12	12
30	13	---	12	9	11	12	12	11	10	13	12	12
31	13	---	12	---	11	---	12	11	---	13	---	12
Mean	13	12	12	9	10	12	11	14	10	13	12	12
Max.	13	12	12	9	11	12	12	16	10	13	12	12
Min.	13	12	12	9	9	12	10	11	10	13	12	12
A. F.	799	666	738	535	595	714	658	875	595	799	714	738
Total Acre Feet	8,426.											

DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, AND KRONBERG  
SEEP—1927

Sec. 1, Twp. 22, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	12	10	13	12	10	12	12	27	20	14	18	14
2	12	10	13	12	10	12	12	27	20	14	18	14
3	12	10	13	12	10	12	12	27	20	14	18	14
4	12	10	13	12	10	12	12	27	20	14	18	14
5	12	10	13	12	10	12	12	27	20	14	18	14
6	12	10	13	12	10	12	12	27	20	14	18	14
7	12	10	13	12	10	12	12	27	20	14	18	14
8	12	10	13	12	10	12	12	27	20	14	18	14
9	12	10	13	12	10	12	12	27	20	14	18	14
10	12	10	13	12	10	12	12	27	20	14	18	14
11	12	10	13	12	10	12	12	27	20	14	18	14
12	12	10	13	12	10	12	12	27	20	14	18	14
13	12	10	13	12	10	12	12	27	20	14	18	14
14	12	10	13	12	10	12	12	27	20	14	18	14
15	12	10	13	12	10	12	12	27	20	14	18	14
16	12	10	13	12	10	12	12	27	20	14	18	14
17	12	10	13	12	10	12	12	27	20	14	17	14
18	12	10	13	12	10	12	12	27	20	14	17	14
19	12	10	13	12	10	12	12	27	20	14	17	14
20	12	10	13	12	10	12	12	27	20	14	17	14
21	12	10	9	12	12	12	12	22	20	14	17	14
22	12	10	9	12	12	12	12	22	20	14	17	14
23	12	10	9	12	12	12	12	22	20	14	17	14
24	12	10	9	12	12	12	12	22	20	14	17	14
25	12	10	9	12	12	12	12	22	20	14	17	14
26	12	10	9	12	12	12	12	22	20	14	17	14
27	12	10	9	12	12	12	12	22	20	14	17	14
28	12	10	9	12	12	12	12	22	20	14	17	14
29	12	---	9	12	12	12	12	22	20	14	17	14
30	12	---	9	12	12	12	12	22	20	14	17	14
31	12	---	9	---	12	---	12	22	---	14	---	14
Mean	12	10	12	12	11	12	12	25	20	14	17	14
Max.	12	10	13	12	12	12	12	27	20	14	18	14
Min.	12	10	9	12	10	12	12	22	20	14	17	14
A. F.	738	555	712	714	658	714	738	1551	1190	863	1041	662
Total Acre Feet	10,131.											

## STATE OF NEBRASKA

## DISCHARGE IN SECOND FEET, SPOTTED TAIL, WET, AND KRONBERG

SEEP—1928

Sec. 1, Twp. 22, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13	12	10	11	14	17	19	15	15	20	18	23
2	13	12	10	11	14	17	19	15	15	20	18	23
3	13	12	10	11	14	17	19	15	15	20	18	23
4	13	12	10	11	14	17	19	15	15	20	18	23
5	13	12	10	11	14	17	19	15	15	20	18	23
6	13	12	10	11	14	17	19	15	15	20	18	23
7	13	12	10	11	14	17	19	15	15	20	18	23
8	13	12	10	11	14	17	19	15	15	20	18	23
9	13	12	10	11	14	17	19	15	15	20	18	23
10	13	12	10	11	14	17	19	15	15	20	18	23
11	13	12	10	11	14	17	19	15	17	20	18	23
12	13	12	10	11	14	17	19	15	17	20	18	23
13	13	12	10	11	14	17	19	15	17	20	18	23
14	13	12	10	11	14	17	19	15	17	20	18	23
15	13	12	10	11	14	17	19	15	17	20	18	23
16	13	12	10	11	14	23	12	15	17	20	14	23
17	13	12	10	11	14	23	12	15	17	20	14	23
18	13	12	10	11	14	23	12	15	17	20	14	23
19	13	12	10	11	14	23	12	15	17	20	14	23
20	13	12	10	11	14	23	12	15	17	20	14	23
21	13	12	10	11	14	23	12	15	20	20	14	23
22	13	12	10	11	14	23	12	15	20	20	14	23
23	13	12	10	11	14	23	12	15	20	20	14	23
24	13	12	10	11	14	23	12	15	20	20	14	23
25	13	12	10	11	14	23	12	15	20	20	14	23
26	13	12	10	11	14	23	12	15	20	20	14	23
27	13	12	10	11	14	23	12	15	20	20	14	23
28	13	12	10	11	14	23	12	15	20	20	14	23
29	13	12	10	11	14	23	12	15	20	20	14	23
30	13	—	10	11	14	23	12	15	20	20	14	23
31	13	—	10	—	14	—	12	15	—	—	—	23
Mean	13	12	10	11	14	20	15	15	17	20	16	23
Max.	13	12	10	11	14	23	19	15	20	20	18	23
Min.	13	12	10	11	14	17	12	15	15	20	14	23
A. F.	799	690	615	654	861	1190	946	922	1031	1230	952	1414
Total Acre Feet	11,304.											

## DISCHARGE IN SECOND FEET, STEWARTS DRAIN—1920

Sec. 13, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11	5	5	2	2.0	2.5	3	4	7	4	2	2
2	10	5	5	2	2.0	2.5	3	4	7	4	2	2
3	9	5	4	1	2.0	2.5	3	4	6	5	2	2
4	9	5	4	1	2.0	2.5	3	4	6	4	2	2
5	8	5	4	1	2.0	2.5	3	4	6	4	2	2
6	8	5	4	1	2.0	2.5	2	4	5	3	2	2
7	8	6	4	1	2.0	2.0	2	4	5	3	2	2
8	7	6	4	1	2.0	3.0	2	4	5	3	2	2
9	7	6	4	1	2.0	3.0	2	4	4	3	2	2
10	7	6	4	1	2.0	3.0	2	4	4	3	2	2
11	7	6	4	2	2.0	3.0	2	4	4	3	2	2
12	6	6	4	2	2.0	3.0	2	4	4	3	2	2
13	6	6	4	2	2.0	3.0	2	4	4	3	2	2
14	6	6	3	2	2.0	3.0	2	4	4	3	2	2
15	6	6	3	2	2.0	3.0	2	4	4	3	2	3
16	6	6	3	2	2.5	4.0	3	4	4	3	2	3
17	6	6	3	2	2.5	4.0	3	4	4	3	2	3
18	5	6	3	2	2.5	4.0	3	5	4	3	2	3
19	5	6	2	2	2.5	4.0	3	5	4	3	2	3
20	5	6	2	2	2.5	4.0	3	5	3	3	2	3
21	5	5	2	2	2.5	4.0	3	5	3	3	1	2
22	5	5	2	2	2.5	4.0	3	6	3	3	1	2
23	5	5	2	2	2.5	4.0	3	6	4	3	1	2
24	5	5	2	2	2.5	3.0	4	6	4	2	1	2
25	5	5	2	2	2.5	3.0	4	6	4	2	1	2
26	5	5	2	2	2.5	3.0	4	7	4	2	1	2
27	5	5	2	2	2.5	3.0	4	7	4	2	2	2
28	5	5	2	2	2.5	3.0	4	7	4	2	2	2
29	5	5	2	2	2.5	3.0	4	7	4	2	2	2
30	5	—	2	2	2.5	3.0	4	7	4	2	2	2
31	5	—	2	—	2.5	—	4	7	—	2	—	2
Mean	6	5	3	2	2.3	3.0	3	5	4	3	—	2
Max.	11	6	5	2	2.5	4.0	4	7	7	4	2	3
Min.	5	5	2	1	2.0	2.0	2	4	3	2	1	2
A. F.	391	315	192	103	107	186	188	291	262	178	109	135
Total Acre Feet	2,457.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, STEWARTS DRAIN—1921

Sec. 13, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	3	2	3	2	1	2	4	2	2	2	2
2	3	3	2	3	2	1	2	4	2	2	2	2
3	3	3	2	3	2	1	2	4	2	2	2	2
4	3	3	2	3	2	1	2	4	2	2	2	2
5	3	3	2	3	2	1	2	4	2	2	2	2
6	3	3	2	2	2	1	3	4	2	2	2	2
7	3	3	2	2	2	1	3	4	2	2	2	2
8	3	3	2	2	2	1	3	4	2	2	2	2
9	3	3	2	2	2	1	3	4	2	2	2	2
10	3	3	2	2	2	1	3	4	2	2	2	2
11	3	3	2	2	2	1	3	4	2	2	2	2
12	3	3	2	2	2	1	3	4	2	2	2	2
13	3	3	2	2	2	1	3	4	2	2	2	2
14	3	3	2	2	2	2	3	3	2	2	2	2
15	3	3	2	2	2	2	3	3	2	2	2	2
16	3	3	2	2	1	2	3	3	2	2	2	2
17	3	3	2	2	1	2	3	3	2	2	2	2
18	3	3	2	2	1	2	3	3	2	2	2	2
19	3	3	2	2	1	2	3	3	2	2	2	2
20	3	3	2	2	1	2	3	3	2	2	2	2
21	3	3	2	2	1	2	4	2	3	2	2	2
22	3	2	3	2	1	2	4	2	3	2	2	2
23	3	2	3	2	1	2	4	2	3	2	2	2
24	3	2	3	2	1	2	4	2	3	2	2	2
25	3	2	3	2	1	2	4	2	3	2	2	2
26	3	2	3	2	1	2	4	2	3	2	2	1.5
27	3	2	3	2	1	2	4	2	3	2	2	1.5
28	3	2	3	2	1	2	4	2	3	2	2	1.5
29	3	---	3	2	1	2	4	2	3	2	2	1.5
30	3	---	3	2	1	2	4	2	3	2	2	1.5
31	3	---	3	---	1	---	4	2	---	2	---	1.5
Mean	3	2.7	2.3	2.2	1.5	1.6	3.2	3	2.4	2	2	1.9
Max.	3	3	3	3	2	2	4	4	3	2	2	2
Min.	3	2	2	2	1	1	2	2	2	2	2	1.5
A. F.	184	153	143	129	91	93	196	188	145	123	119	117
Total Acre Feet	1,681.											

## DISCHARGE IN SECOND FEET, STEWARTS DRAIN—1922

Sec. 13, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.0	3.0	3.0	2.0	2.0	1.5	2.5	2.5	3.0	4.0	3.0	2.0
2	1.0	3.0	3.0	2.0	2.0	1.0	3.0	2.5	3.0	4.0	3.0	2.0
3	1.0	3.0	3.0	2.0	2.0	1.0	3.0	2.5	3.0	4.0	3.0	2.0
4	1.0	3.0	3.0	2.0	2.0	1.0	3.0	2.5	3.0	4.0	3.0	2.0
5	1.0	3.0	3.0	2.0	2.0	1.0	3.0	3.0	3.0	4.0	3.0	2.0
6	1.0	3.0	3.0	2.0	2.0	1.0	3.0	3.0	3.0	4.0	3.0	2.0
7	1.0	3.0	3.0	2.0	2.0	1.0	3.0	3.0	3.0	4.0	3.0	2.0
8	1.0	3.0	3.0	2.0	2.0	1.0	3.0	3.0	3.0	4.0	3.0	2.0
9	1.0	3.0	3.0	2.0	2.0	1.0	3.0	3.0	3.0	4.0	3.0	1.5
10	1.0	3.0	3.0	2.0	2.0	1.0	3.5	3.0	3.0	3.5	3.0	1.5
11	1.0	3.0	3.0	2.0	2.0	1.0	3.5	3.0	3.0	3.5	3.0	1.5
12	1.0	3.0	3.0	2.0	2.0	1.0	5.0	3.0	3.0	3.5	3.0	1.5
13	1.0	3.0	2.5	2.0	2.0	1.0	4.0	3.0	3.0	3.5	2.5	1.5
14	1.0	3.0	2.5	2.0	2.0	1.0	4.0	3.0	3.0	3.5	2.5	1.5
15	1.5	3.0	2.5	2.0	2.0	1.0	3.5	3.5	3.5	3.5	2.5	1.5
16	1.5	3.0	2.5	2.0	2.0	1.0	3.0	3.5	3.5	3.5	2.5	1.5
17	1.5	3.0	2.9	2.0	2.0	1.0	3.0	3.5	4.0	3.0	2.0	1.5
18	1.5	3.0	2.0	2.0	2.0	1.5	3.0	3.5	4.0	3.0	2.0	1.5
19	2.0	3.0	2.0	2.0	2.0	1.5	2.5	3.5	4.0	3.0	2.0	1.0
20	2.0	3.0	2.0	2.0	2.0	1.5	2.0	3.5	4.0	3.0	2.0	1.0
21	2.0	3.0	2.0	2.0	2.0	1.5	2.0	4.0	4.0	3.0	2.0	1.0
22	2.0	3.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	3.0	2.0	1.0
23	2.0	3.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	3.0	2.0	1.0
24	2.0	3.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	3.0	2.0	1.0
25	2.0	3.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	3.0	2.0	1.0
26	2.0	3.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	3.0	2.0	1.0
27	2.0	3.0	2.0	2.0	1.5	2.0	2.0	4.0	4.0	3.0	2.0	1.0
28	2.5	3.0	2.0	2.0	1.5	2.0	2.0	3.5	4.0	3.0	2.0	1.0
29	2.5	---	2.0	2.0	1.5	2.5	2.0	3.0	4.0	3.0	2.0	1.0
30	2.5	---	2.0	2.0	1.5	2.5	2.5	3.0	4.0	3.0	2.0	1.0
31	2.5	---	2.0	---	1.5	---	2.5	3.0	---	3.0	---	1.0
Mean	1.5	3.0	2.3	2.0	1.9	1.4	2.7	3.2	3.5	3.4	2.4	1.3
Max.	2.5	3.0	3.0	2.0	2.0	2.5	3.5	4.0	4.0	4.0	3.0	2.0
Min.	1.5	3.0	2.0	2.0	1.5	1.0	2.0	2.5	3.0	3.0	2.0	1.0
A. F.	95	166	151	119	118	84	169	201	208	209	146	87
Total Acre Feet	1,753.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, STEWARTS DRAIN—1923  
Sec. 13, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
2	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
3	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
4	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
5	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
6	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
7	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
8	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
9	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
10	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
11	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
12	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
13	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
14	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
15	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
16	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
17	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
18	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
19	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
20	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
21	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
22	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
23	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
24	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
25	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
26	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
27	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
28	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
29	1.5	-----	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
30	1.5	-----	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
31	1.5	-----	2.0	-----	1.5	-----	3.0	4.0	-----	2.5	-----	1.5
Mean	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
Max.	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
Min.	1.5	2.5	2.0	2.0	1.5	2.0	3.0	4.0	3.0	2.5	6.0	1.5
A. F.	93	139	123	119	93	119	184	246	179	155	357	93
Total Acre Feet	1,900.											

DISCHARGE IN SECOND FEET, STEWARTS DRAIN—1924  
Sec. 13, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	3	1	1	1	1	1	3	4	1	1	4
2	3	3	1	1	1	1	1	3	4	1	1	4
3	3	3	1	1	1	1	1	3	4	1	1	4
4	3	2	1	1	1	1	1	3	4	1	1	4
5	3	2	1	1	1	1	1	3	4	1	1	4
6	3	2	1	1	1	1	1	3	4	1	1	4
7	3	2	1	1	1	1	1	3	4	1	1	4
8	3	2	1	1	1	1	1	3	4	1	1	4
9	3	2	1	1	1	1	1	3	3	1	1	4
10	3	2	1	1	1	1	1	3	3	1	1	4
11	3	2	1	1	1	1	2	3	3	1	1	7
12	3	2	1	1	1	1	2	3	3	1	1	7
13	3	1	1	1	1	1	2	3	2	1	1	7
14	3	1	1	1	1	1	2	3	2	1	1	7
15	3	1	1	1	1	1	2	3	2	1	1	7
16	3	1	1	1	1	1	2	3	2	1	1	7
17	3	1	1	1	1	1	2	3	2	1	1	7
18	3	1	1	1	1	1	2	3	2	1	1	7
19	3	1	1	1	1	1	2	3	2	1	1	7
20	3	1	1	1	1	1	2	3	2	1	1	7
21	3	1	1	1	1	1	2	3	2	1	1	7
22	3	1	1	1	1	1	2	3	2	1	1	7
23	3	1	1	1	1	1	2	3	2	1	1	7
24	3	1	1	1	1	1	2	3	2	1	1	7
25	3	1	1	1	1	1	2	3	2	1	1	7
26	3	1	1	1	1	1	2	4	2	1	1	7
27	3	1	1	1	1	1	2	4	2	1	1	7
28	3	1	1	1	1	1	2	4	2	1	1	7
29	3	1	1	1	1	1	2	4	2	1	1	7
30	3	-----	1	1	1	1	2	4	2	1	1	7
31	3	-----	1	-----	1	-----	2	4	2	1	1	7
Mean	3	2	1	1	1	1	2	3	-----	1	-----	7
Max.	3	3	1	1	1	1	2	4	4	1	1	7
Min.	3	1	1	1	1	1	1	3	2	1	1	4
A. F.	184	87	61	60	61	60	103	196	157	61	60	370
Total Acre Feet	1,460.											

# HYDROGRAPHIC REPORT—1928

743

## DISCHARGE IN SECOND FEET, STEWARTS DRAIN—1925

Sec. 13, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.7	1.7	0.6	1.3	1.0	2.1	0.0	0.0	0.0	0.7	1.0	1.9
2	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	.0	.7	1.0	1.9
3	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	.0	.7	1.0	1.9
4	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	.0	.7	1.0	1.9
5	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	.0	.7	1.0	1.9
6	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	.0	.7	1.0	1.9
7	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	.0	.7	1.0	1.9
8	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	.0	.7	1.0	1.9
9	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	.0	.7	1.0	1.9
10	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	.0	.7	1.0	1.9
11	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
12	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
13	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
14	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
15	2.7	1.7	.6	1.3	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
16	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
17	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
18	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
19	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
20	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
21	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
22	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
23	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
24	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
25	2.7	1.7	.6	.5	1.0	2.1	.0	.0	1.3	.7	1.0	1.9
26	2.7	1.7	.6	.5	1.0	2.1	.5	.0	1.3	.7	1.0	1.9
27	2.7	1.7	.6	.5	1.0	2.1	.5	.0	1.3	.7	1.0	1.9
28	2.7	1.7	.6	.5	1.0	2.1	.5	.0	1.3	.7	1.0	1.9
29	2.7	-----	.6	.5	1.0	2.1	.5	.0	1.3	.7	1.0	1.9
30	2.7	-----	.6	.5	1.0	2.1	.5	.0	1.3	.7	1.0	1.9
31	2.7	-----	.6	-----	1.0	-----	.5	.0	-----	.7	-----	1.9
Mean	2.7	1.7	0.6	0.9	1.0	2.1	0.1	0.0	0.9	0.7	1.0	1.9
Max.	2.7	1.7	.6	1.3	1.0	2.1	.5	.0	1.3	.7	1.0	1.9
Min.	2.7	1.7	.6	.5	1.0	2.1	.0	.0	0.0	.7	1.0	1.9
A. F.	167	95	38	54	62	125	6	0.0	54	44	60	117
Total Acre Feet	822.											

## DISCHARGE IN SECOND FEET, STEWARTS DRAIN—1926

Sec. 13, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	1	1	1	1	2	0.4	1	2	1	1	1
2	1	1	1	1	1	2	.4	1	2	1	1	1
3	1	1	1	1	1	2	.4	1	2	1	1	1
4	1	1	1	1	1	2	.4	1	2	1	1	1
5	1	1	1	1	1	2	.4	1	2	1	1	1
6	1	1	1	1	1	2	.4	1	2	1	1	1
7	1	1	1	1	1	2	.4	1	2	1	1	1
8	1	1	1	1	1	2	.4	1	2	1	1	1
9	1	1	1	1	1	2	.4	1	2	1	1	1
10	1	1	1	1	1	2	.4	1	2	1	1	1
11	1	1	1	1	1	2	.4	1	2	1	1	1
12	1	1	1	1	1	2	.4	1	2	1	1	1
13	1	1	1	1	1	2	.4	1	2	1	1	1
14	1	1	1	1	1	2	.4	1	2	1	1	1
15	1	1	1	1	1	2	.4	1	2	1	1	1
16	1	1	1	1	1	2	.4	1	2	1	1	1
17	1	1	1	1	1	2	.4	1	2	1	1	1
18	1	1	1	1	1	2	.4	1	2	1	1	1
19	1	1	1	1	1	2	.4	1	2	1	1	1
20	1	1	1	1	1	2	.4	1	2	1	1	1
21	1	1	1	1	1	2	.4	1	2	1	1	1
22	1	1	1	1	1	2	.4	1	2	1	1	1
23	1	1	1	1	1	2	.4	1	2	1	1	1
24	1	1	1	1	1	2	.4	1	2	1	1	1
25	1	1	1	1	1	2	.4	1	2	1	1	1
26	1	1	1	1	1	2	.4	1	2	1	1	1
27	1	1	1	1	1	2	.4	1	2	1	1	1
28	1	1	1	1	1	2	.4	1	2	1	1	1
29	1	-----	1	1	1	2	.4	1	2	1	1	1
30	1	-----	1	1	1	2	.4	1	2	1	1	1
31	1	-----	1	-----	1	-----	.4	1	-----	1	-----	1
Mean	1	1	1	1	1	2	0.4	1	2	1	1	1
Max.	1	1	1	1	1	2	.4	1	2	1	1	1
Min.	1	-----	1	1	1	2	.4	1	2	1	1	1
A. F.	61	55	61	60	61	119	24	61	119	61	60	61
Total Acre Feet	805.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, STEWARTS DRAIN—1927  
Sec. 13, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	3	4	3	1	6	2	5	2	2	2	2
2	3	3	4	3	1	6	2	5	2	2	2	2
3	3	3	4	3	1	6	2	5	2	2	2	2
4	3	3	4	3	1	6	2	5	2	2	2	2
5	3	3	4	3	1	6	2	5	2	2	2	2
6	3	3	4	3	1	6	2	5	2	2	2	2
7	3	3	4	3	1	6	2	5	2	2	2	2
8	3	3	4	3	1	6	2	5	2	2	2	2
9	3	3	4	3	1	6	2	5	2	2	2	2
10	3	3	4	3	1	6	2	5	2	2	2	2
11	3	3	4	3	1	6	2	5	2	2	2	2
12	3	3	4	3	1	6	2	5	2	2	2	2
13	3	3	4	3	1	6	2	5	2	2	2	2
14	3	3	4	3	1	6	2	5	2	2	2	2
15	3	3	4	3	1	6	2	5	2	2	2	2
16	3	3	1	3	1	6	2	5	2	2	2	2
17	3	3	1	3	1	6	2	5	2	2	2	2
18	3	3	1	3	1	6	2	5	2	2	2	2
19	3	3	1	3	1	6	2	5	2	2	2	2
20	3	3	1	3	1	6	2	5	2	2	2	2
21	3	3	1	3	2	6	2	0	2	2	2	2
22	3	3	1	3	2	6	2	0	2	2	2	2
23	3	3	1	3	2	6	2	0	2	2	2	2
24	3	3	1	3	2	6	2	0	2	2	2	2
25	3	3	1	3	2	6	2	0	2	2	2	2
26	3	3	1	3	2	6	2	0	2	2	2	2
27	3	3	1	3	2	6	2	0	2	2	2	2
28	3	3	1	3	2	6	2	0	2	2	2	2
29	3	---	1	3	2	6	2	0	2	2	2	2
30	3	---	1	3	2	6	2	0	2	2	2	2
31	3	---	1	---	2	---	2	0	---	2	---	2
Mean	3	3	2	3	1	6	2	3	2	2	2	2
Max.	3	3	4	3	2	6	2	5	2	2	2	2
Min.	3	3	1	3	1	6	2	0	2	2	2	2
A. F.	184	166	151	178	83	357	123	198	119	123	119	123
Total Acre Feet	1,924.											

DISCHARGE IN SECOND FEET, STEWARTS DRAIN—1928  
Sec. 13, Twp. 23, Rge. 57 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	1	2	1	0	2	0	1	0	2	2	2
2	2	1	2	1	0	2	0	1	0	2	2	2
3	2	1	2	1	0	2	0	1	0	2	2	2
4	2	1	2	1	0	2	0	1	0	2	2	2
5	2	1	2	1	0	2	0	1	0	2	2	2
6	2	1	2	1	0	2	0	1	0	2	2	2
7	2	1	2	1	0	2	0	1	0	2	2	2
8	2	1	2	1	0	2	0	1	0	2	2	2
9	2	1	2	1	0	2	0	1	0	2	2	2
10	2	1	2	1	0	2	0	1	0	2	2	2
11	2	1	2	1	2	2	0	1	0	2	2	2
12	2	1	2	1	2	2	0	1	0	2	2	2
13	2	1	2	1	2	2	0	1	0	2	2	2
14	2	1	2	1	2	2	0	1	0	2	2	2
15	2	1	2	1	2	2	0	1	0	2	2	2
16	2	1	2	3	2	1	0	1	1	2	2	2
17	2	1	2	3	2	1	0	1	1	2	2	2
18	2	1	2	3	2	1	0	1	1	2	2	2
19	2	1	2	3	2	1	0	1	1	2	2	2
20	2	1	2	3	2	1	0	1	1	2	2	2
21	2	1	2	3	2	1	0	1	1	2	2	2
22	2	1	2	3	2	1	0	1	1	2	2	2
23	2	1	2	3	2	1	0	1	1	2	2	2
24	2	1	2	3	2	1	0	1	1	2	2	2
25	2	1	2	3	2	1	0	1	1	2	2	2
26	2	1	2	3	2	1	0	1	1	2	2	2
27	2	1	2	3	2	1	0	1	1	2	2	2
28	2	1	2	3	2	1	0	1	1	2	2	2
29	2	1	2	3	2	1	0	1	1	2	2	2
30	2	---	2	3	2	1	0	1	1	2	2	2
31	2	---	2	---	2	---	0	1	---	2	---	2
Mean	2	1	2	2	2	1	0	1	0.5	2	2	2
Max.	2	1	2	3	2	2	0	1	1	2	2	2
Min.	2	1	2	1	0	1	0	1	0	2	2	2
A. F.	123	58	123	119	*83	*89	*0	*61	*30	123	119	123
Total Acre Feet	1,051.											
*Water diverted by Enterprise Canal.												

DISCHARGE IN SECOND FEET, STINKING WATER CREEK NEAR  
PALISADE—1924

Sec. 25, Twp. 5, Rge. 34 W.

Date	* Jan.	Feb.	* Mar.	Apr.	May	June	* July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	6	40	50	29	21	17	48	13	†	†	†
2	6	6	40	50	29	21	17	48	13	.....	.....	.....
3	6	6	40	50	29	21	17	48	13	.....	.....	.....
4	6	6	40	50	29	21	17	48	13	.....	.....	.....
5	6	6	40	50	29	21	17	48	13	.....	.....	.....
6	6	6	40	50	29	21	17	48	13	.....	.....	.....
7	6	6	40	50	29	21	17	48	13	.....	.....	.....
8	6	6	40	50	29	21	17	48	13	.....	.....	.....
9	6	6	40	50	29	21	17	48	13	.....	.....	.....
10	6	6	40	50	29	21	17	48	13	.....	.....	.....
11	6	20	45	40	26	19	17	40	13	.....	.....	.....
12	6	20	45	40	26	19	17	40	13	.....	.....	.....
13	6	20	45	40	26	19	17	40	13	.....	.....	.....
14	6	20	45	40	26	19	17	40	13	.....	.....	.....
15	6	20	45	40	26	19	17	40	13	.....	.....	.....
16	6	20	45	40	26	19	17	30	13	.....	.....	.....
17	6	20	45	40	26	19	17	30	13	.....	.....	.....
18	6	20	45	40	26	19	17	30	13	.....	.....	.....
19	6	20	45	40	26	19	17	30	13	.....	.....	.....
20	6	20	45	40	26	19	17	30	13	.....	.....	.....
21	6	32	50	32	24	17	25	20	13	.....	.....	.....
22	6	32	50	32	24	17	25	20	13	.....	.....	.....
23	6	32	50	32	24	17	25	20	13	.....	.....	.....
24	6	32	50	32	24	17	25	20	13	.....	.....	.....
25	6	32	50	32	24	17	25	20	13	.....	.....	.....
26	6	32	50	32	24	17	35	15	13	.....	.....	.....
27	6	32	50	32	24	17	35	15	13	.....	.....	.....
28	6	32	50	32	24	17	35	15	13	.....	.....	.....
29	6	32	50	32	24	17	35	15	13	.....	.....	.....
30	6	.....	50	32	24	17	35	15	13	.....	.....	.....
31	6	.....	50	.....	24	.....	35	15	.....	.....	.....	.....
Mean	6	18	45	41	26	19	22	33	13	.....	.....	.....
Max.	6	32	50	50	29	21	35	48	13	.....	.....	.....
Min.	6	6	40	32	24	17	15	13	.....	.....	.....	.....
A. F.	369	1087	3777	2420	1614	1131	1339	2023	774	.....	.....	.....

\*Estimated.  
†No Record.

DISCHARGE IN SECOND FEET, STINKING WATER CREEK NEAR  
PALISADE—1925

Sec. 25, Twp. 5, Rge. 34 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
2	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
3	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
4	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
5	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
6	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
7	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
8	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
9	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
10	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	19.6	32.4	33.9	33.9
11	.....	60.7	59.1	43.4	25.4	25.4	14.9	20.5	25.0	32.4	33.9	33.9
12	.....	60.7	59.1	43.3	25.4	25.4	14.9	20.5	25.0	32.4	33.9	33.9
13	.....	60.7	59.1	43.3	25.4	25.4	14.9	20.5	25.0	32.4	33.9	33.9
14	.....	60.7	59.1	43.3	25.4	25.4	14.9	20.5	25.0	32.4	33.9	33.9
15	.....	60.7	59.1	43.3	25.4	25.4	14.9	20.5	25.0	32.4	33.9	33.9
16	.....	60.7	59.1	43.3	25.4	25.4	14.9	20.5	25.0	32.4	33.9	33.9
17	.....	60.7	59.1	43.3	52.4	44.3	13.9	60.6	25.0	32.4	33.9	33.9
18	.....	60.7	59.1	43.4	52.4	44.3	13.9	60.6	25.0	32.4	33.9	33.9
19	.....	60.7	59.1	43.4	52.4	44.3	13.9	60.6	25.0	32.4	33.9	33.9
20	.....	60.7	59.1	43.3	52.4	44.3	13.9	60.6	25.0	32.4	33.9	33.9
21	.....	60.7	59.1	40.0	52.4	44.3	19.4	60.6	25.0	32.4	33.9	33.9
22	.....	60.7	59.1	40.0	52.4	44.3	19.4	60.6	25.0	32.4	33.9	33.9
23	.....	60.7	59.1	40.0	52.4	44.3	19.4	60.6	25.0	32.4	33.9	33.9
24	.....	60.7	59.1	40.0	52.4	44.3	19.4	60.6	25.0	32.4	33.9	33.9
25	.....	60.7	59.1	40.0	52.4	44.3	17.7	60.6	25.0	32.4	33.9	33.9
26	.....	60.7	59.1	40.0	52.4	44.3	17.7	60.6	25.0	32.4	33.9	33.9
27	.....	60.7	59.1	40.0	52.4	44.3	17.7	60.6	25.0	32.4	33.9	33.9
28	.....	60.7	59.1	40.0	52.4	44.3	17.7	60.6	25.0	32.4	33.9	33.9
29	.....	.....	59.1	40.0	52.4	44.3	30.5	60.6	25.0	32.4	33.9	33.9
30	.....	.....	59.1	40.0	52.4	44.3	42.5	60.6	25.0	32.4	33.9	33.9
31	.....	.....	59.1	.....	52.4	.....	42.5	60.6	.....	32.4	.....	33.9
Mean	.....	60.7	59.1	42.0	37.0	35.0	17.0	41.0	23.2	32.4	33.9	33.9
Max.	.....	60.7	59.1	43.4	52.4	44.3	42.5	60.6	25.0	32.4	33.9	33.9
Min.	.....	60.7	59.1	40.0	25.4	25.4	13.9	20.5	19.6	32.4	33.9	33.9
A. F.	.....	3370	3634	2515	2313	2073	1065	2533	1380	1991	2017	2085

\*No Record.



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, STINKING WATER CREEK NEAR PALISADE—1928

Sec. 25, Twp. 5, Rge. 34 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	39	53	41	38	47	61	60	36	37	27	68	43
2	39	53	41	38	47	61	60	36	37	27	68	43
3	39	53	41	38	47	61	60	36	37	28	68	43
4	39	53	41	38	47	61	60	36	37	28	68	43
5	39	53	41	38	47	61	60	36	37	28	68	43
6	39	53	41	38	47	61	60	36	37	28	68	43
7	39	53	41	38	47	61	60	36	37	28	68	43
8	39	53	41	38	47	61	60	36	37	28	68	43
9	39	53	41	38	47	61	60	36	37	28	68	43
10	39	53	41	38	47	61	60	36	37	28	68	43
11	39	53	41	38	47	61	60	36	37	28	68	43
12	39	53	41	38	47	61	60	36	37	28	68	43
13	39	53	41	38	47	61	60	36	37	28	68	43
14	39	53	41	38	47	61	60	36	37	28	68	43
15	39	53	41	38	47	61	60	36	37	28	68	43
16	39	53	67	38	47	61	60	36	27	64	47	43
17	39	53	67	38	47	61	60	36	27	64	47	43
18	39	53	67	38	47	61	60	36	27	64	47	43
19	39	53	67	38	47	61	60	36	27	64	47	43
20	39	53	67	38	47	61	60	36	27	64	47	43
21	39	53	67	38	47	61	161	36	27	64	47	43
22	39	53	67	38	47	61	161	36	27	64	47	43
23	39	53	67	38	47	61	161	36	27	64	47	43
24	39	53	67	38	47	61	161	36	27	64	47	43
25	39	53	67	38	47	61	161	36	27	64	47	43
26	39	53	67	38	47	61	161	36	27	64	47	43
27	39	53	67	38	47	61	161	36	27	64	47	43
28	39	53	67	38	47	61	161	36	27	64	47	43
29	39	53	67	38	47	61	161	36	27	64	47	43
30	39	.....	67	38	47	61	161	36	27	64	47	43
31	39	.....	67	.....	47	.....	161	36	.....	64	.....	43
Mean	39	53	54	38	47	61	96	36	32	46	57	43
Max.	39	53	67	38	47	61	161	36	37	64	68	43
Min.	39	53	41	38	47	61	60	36	27	27	47	43
A. F.	2398	3049	3346	2261	2890	3630	5893	2213	1904	2834	3421	2644
Total Acre Feet	36,483.											

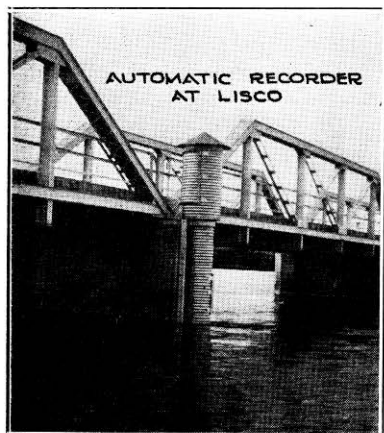
DISCHARGE IN SECOND FEET, TOOHEY DRAIN—1921

Sec. 20, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	3	3	3	2	4	3	4	5	6	3	4
2	4	3	3	3	2	4	3	4	5	6	3	4
3	4	3	3	3	2	4	3	4	5	6	3	4
4	4	3	3	3	2	4	3	4	5	6	3	4
5	4	3	3	3	2	4	3	4	5	6	3	4
6	4	3	3	3	2	4	3	4	5	6	3	4
7	4	3	3	3	3	4	3	4	5	5	4	4
8	4	3	3	3	3	4	3	4	5	5	4	4
9	4	3	3	3	3	4	3	4	5	5	4	4
10	4	3	3	3	3	4	3	4	5	5	4	4
11	4	3	3	3	3	4	3	4	5	5	4	4
12	3	3	3	3	3	4	3	3	5	5	4	4
13	3	3	3	3	3	3	3	3	5	5	4	4
14	3	3	3	3	3	3	3	3	5	5	4	4
15	3	3	3	3	3	3	3	3	5	5	4	4
16	3	3	3	3	3	3	3	3	5	5	4	4
17	3	3	3	3	3	3	3	3	5	4	4	4
18	3	3	3	3	3	3	3	3	5	4	4	4
19	3	3	3	3	3	3	3	3	5	4	4	4
20	3	3	3	3	3	3	3	3	5	4	4	4
21	3	3	3	3	4	3	3	3	5	4	4	4
22	3	3	3	3	4	3	3	3	5	4	4	3
23	3	3	3	3	4	3	3	3	5	4	4	3
24	3	3	3	3	4	3	3	3	6	4	4	3
25	3	3	3	2	4	3	3	4	6	4	4	3
26	3	3	3	2	4	3	4	4	6	4	4	3
27	3	3	3	2	4	3	4	4	6	4	4	3
28	3	3	3	2	4	3	3	4	6	3	4	3
29	3	3	3	2	4	3	3	4	6	3	4	3
30	3	3	3	2	4	3	3	4	6	3	4	3
31	3	3	3	.....	4	.....	4	.....	6	3	.....	3
Mean	3.6	3	3	2.8	3.2	3.4	3.2	3.6	5.2	4.6	3.8	3.7
Max.	4	3	3	3	4	4	4	5	6	6	4	4
Min.	3	3	3	2	3	3	3	3	5	3	3	3
A. F.	222	167	184	167	196	202	196	222	311	282	228	226
Total Acre Feet	2,603.											

DISCHARGE IN SECOND FEET, TOOHEY DRAIN—1922  
Sec. 20, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.0	3.0	3.0	2.0	2.0	3.0	6.0	5.0	5.0	2.0	12.0	18.0
2	3.0	3.0	3.0	2.0	2.0	3.0	6.0	5.0	5.0	1.0	12.0	18.0
3	3.0	3.0	3.0	2.0	2.0	3.0	6.0	5.0	5.0	.0	12.5	18.0
4	3.0	3.0	3.0	2.0	2.0	3.0	6.0	5.0	5.0	.0	13.0	18.0
5	3.0	3.0	3.0	2.0	2.0	3.0	6.0	4.5	5.0	.0	13.0	18.0
6	3.0	3.0	3.0	2.0	2.0	3.0	6.0	4.5	5.0	.5	14.0	18.0
7	3.0	3.0	3.0	2.0	2.0	3.0	6.0	4.5	5.5	1.0	14.0	18.0
8	3.0	3.0	3.0	2.0	2.0	4.0	5.5	4.5	5.5	1.0	14.5	18.0
9	3.0	3.0	3.0	2.0	2.0	4.5	5.5	4.5	5.5	1.5	15.0	18.0
10	3.0	3.0	3.0	2.0	2.0	5.0	5.5	4.5	5.5	2.0	15.5	18.0
11	3.0	3.0	3.0	2.0	2.0	6.0	5.0	4.5	6.0	2.5	16.0	18.0
12	3.0	3.0	3.0	2.0	2.0	6.0	5.0	4.5	6.0	3.0	16.0	18.0
13	3.0	3.0	3.0	2.0	2.0	7.0	5.0	4.5	6.0	3.0	17.0	18.0
14	3.0	3.0	2.5	2.0	2.0	7.0	5.0	4.0	5.5	4.0	17.0	18.0
15	3.0	3.0	2.5	2.0	2.0	7.0	5.0	4.0	5.5	4.0	18.0	18.0
16	3.0	3.0	2.0	2.0	2.0	7.0	5.0	4.0	5.0	4.5	18.0	17.0
17	3.0	3.0	2.0	2.0	2.0	7.0	5.0	4.0	5.0	5.0	18.0	15.0
18	3.0	3.0	2.0	2.0	2.0	7.0	5.0	4.0	5.0	6.0	18.0	14.0
19	3.0	3.0	2.0	2.0	2.0	7.0	5.0	4.0	5.0	6.0	18.0	13.0
20	3.0	3.0	2.0	2.0	2.0	7.0	5.0	4.0	5.0	6.5	18.0	12.0
21	3.0	3.0	2.0	2.0	2.0	6.5	5.0	4.0	5.0	7.0	18.0	11.0
22	3.0	3.0	2.0	2.0	2.0	6.5	5.0	4.0	5.0	7.5	18.0	10.0
23	3.0	3.0	2.0	2.0	2.0	6.5	5.0	4.0	5.0	8.0	18.0	9.0
24	3.0	3.0	2.0	2.0	2.0	6.0	5.0	4.0	5.0	8.0	18.0	7.0
25	3.0	3.0	2.0	2.0	2.0	6.0	5.0	4.0	5.0	9.0	18.0	6.0
26	3.0	3.0	2.0	2.0	2.0	6.0	5.0	4.0	5.0	9.0	18.0	5.0
27	3.0	3.0	2.0	2.0	2.0	6.0	7.0	4.0	4.0	9.5	18.0	4.0
28	3.0	3.0	2.0	2.0	2.0	6.0	5.0	4.5	3.5	10.0	18.0	4.0
29	3.0	.....	2.0	2.0	2.5	6.0	5.0	4.5	3.0	10.5	18.0	4.0
30	3.0	.....	2.0	2.0	2.5	6.0	5.0	5.0	2.5	11.0	18.0	4.0
31	3.0	.....	2.0	.....	2.5	.....	5.0	5.0	.....	11.0	.....	3.0
Mean	3.0	3.0	2.4	2.0	2.1	5.4	5.2	4.3	4.9	4.9	16.3	13.1
Max.	3.0	3.0	3.0	2.0	2.5	7.0	6.0	5.0	5.0	11.0	18.0	18.0
Min.	3.0	3.0	2.0	2.0	2.0	3.0	5.0	4.0	2.5	.5	12.0	4.0
A. F.	184	167	151	119	126	325	324	269	296	305	971	811
Total Acre Feet	4,048.											



AUTOMATIC RECORDER  
AT LISCO



AUTOMATIC RECORDER  
AT MINATARE

DISCHARGE IN SECOND FEET, TOOHEY DRAIN—1924  
Sec. 20, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	3	3	2	4	4	4	8	5	7	6	4
2	3	3	3	2	4	4	4	8	5	7	6	4
3	3	3	3	2	4	4	4	8	5	7	6	4
4	3	3	3	2	4	4	4	8	5	7	6	4
5	3	3	3	2	4	4	4	8	5	7	6	4
6	3	4	3	2	4	4	11	8	5	7	6	4
7	3	4	3	2	4	4	11	8	5	7	6	4
8	3	4	3	2	4	4	11	8	5	7	6	4
9	3	4	3	2	4	4	11	8	5	7	6	4
10	3	4	3	2	4	4	11	8	5	7	6	4
11	3	5	2	2	4	4	11	8	5	7	6	4
12	3	5	2	2	4	4	11	8	5	7	6	4
13	3	5	2	2	4	4	11	8	5	7	6	4
14	3	5	2	2	4	4	11	8	5	7	6	4
15	3	5	2	2	4	4	11	8	5	7	6	4
16	3	5	2	2	4	4	8	8	5	7	6	4
17	3	5	2	2	4	4	8	8	5	7	6	4
18	3	5	2	2	4	4	8	8	5	7	6	4
19	3	5	2	2	4	4	8	8	5	7	6	4
20	3	5	2	2	4	4	8	8	5	7	6	4
21	3	4	2	2	4	4	8	7	5	7	6	4
22	3	4	2	2	4	4	8	7	5	7	6	4
23	3	4	2	2	4	4	8	7	5	7	6	4
24	3	4	2	2	4	4	8	7	5	7	6	4
25	3	4	2	2	4	4	8	7	5	7	6	4
26	3	4	2	2	4	4	8	7	5	7	6	4
27	3	3	2	2	4	4	8	7	5	7	6	4
28	3	3	2	2	4	4	8	7	5	7	6	4
29	3	3	2	2	4	4	8	7	5	7	6	4
30	3	3	2	2	4	4	8	7	5	7	6	4
31	3	3	2	2	4	4	8	7	5	7	6	4
Mean	3	4	2	2	4	4	8	7	5	7	6	4
Max.	3	5	2	2	4	4	11	8	5	7	6	4
Min.	3	3	2	2	4	4	4	7	5	7	6	4
A. F.	184	232	142	119	245	238	511	456	297	430	357	246
Total Acre Feet	3,457.											

DISCHARGE IN SECOND FEET, TOOHEY DRAIN—1925  
Sec. 20, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
2	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
3	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
4	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
5	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
6	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
7	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
8	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
9	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
10	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
11	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
12	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
13	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
14	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
15	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
16	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
17	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
18	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
19	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
20	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
21	3.4	3.9	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
22	3.4	3.9	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
23	3.4	3.9	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
24	3.4	3.9	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
25	3.4	3.9	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
26	3.4	3.9	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
27	3.4	3.9	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
28	3.4	3.9	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
29	3.4	-----	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
30	3.4	-----	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
31	3.4	-----	2.3	-----	1.2	-----	3.9	3.9	-----	4.5	-----	3.2
Mean	3.4	3.9	2.3	3.2	1.2	2.3	4.3	3.9	3.9	4.5	4.0	3.2
Max.	3.4	3.9	2.3	4.3	1.2	2.3	5.5	3.9	3.9	4.5	4.0	3.2
Min.	3.4	3.9	2.3	1.2	1.2	2.3	3.9	3.9	3.9	4.5	4.0	3.2
A. F.	208	216	141	194	73	137	264	240	232	276	238	196
Total Acre Feet	2,415.											

# HYDROGRAPHIC REPORT—1928

749

## DISCHARGE IN SECOND FEET, TOOHEY DRAIN—1926

Sec. 20, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	4	3	3	1	1	4	7	6	6	5	6
2	4	4	3	3	1	1	4	7	6	6	5	6
3	4	4	3	3	1	1	4	7	6	6	5	6
4	4	4	3	3	1	1	4	7	6	6	5	6
5	4	4	3	3	1	1	4	7	6	6	5	6
6	4	4	3	3	1	1	4	7	6	6	5	6
7	4	4	3	3	1	1	4	7	6	6	5	6
8	4	4	3	3	1	1	4	7	6	6	5	6
9	4	4	3	3	1	1	4	7	6	6	5	6
10	4	4	3	3	1	1	4	7	6	6	5	6
11	4	4	3	3	2	1	4	7	6	6	5	6
12	4	4	3	3	2	1	4	7	6	6	5	6
13	4	4	3	3	2	1	4	7	6	6	5	6
14	4	4	3	3	2	1	4	7	6	6	5	6
15	4	4	3	3	2	1	4	7	6	6	5	6
16	4	4	3	3	2	1	4	7	6	6	5	6
17	4	4	3	3	2	1	4	7	6	6	5	6
18	4	4	3	3	2	1	4	7	6	6	5	6
19	4	4	3	3	2	1	4	7	6	6	5	6
20	4	4	3	3	2	1	4	7	6	6	5	6
21	4	4	3	3	2	2	6	10	6	6	5	6
22	4	4	3	3	2	2	6	10	6	6	5	6
23	4	4	3	3	2	2	6	10	6	6	5	6
24	4	4	3	3	2	2	6	10	6	6	5	6
25	4	4	3	3	2	2	6	10	6	6	5	6
26	4	4	3	3	2	2	6	10	6	6	5	6
27	4	4	3	3	2	2	6	10	6	6	5	6
28	4	4	3	3	2	2	6	10	6	6	5	6
29	4	4	3	3	2	2	6	10	6	6	5	6
30	4	....	3	3	2	2	6	10	6	6	5	6
31	4	....	3	....	2	....	6	10	....	6	....	6
Mean	4	4	3	3	2	2	5	8	6	6	5	6
Max.	4	4	3	3	2	2	6	10	6	6	5	6
Min.	4	4	3	3	1	1	4	7	6	6	5	6
A. F.	246	222	184	178	103	79	329	496	357	347	297	369
Total Acre Feet	3,207.											

## DISCHARGE IN SECOND FEET, TOOHEY DRAIN—1927

Sec. 20, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	4	2	11	4	4	4	8	7	6	5	4
2	6	4	2	11	4	4	4	8	7	6	5	4
3	6	4	2	11	4	4	4	8	7	6	5	4
4	6	4	2	11	4	4	4	8	7	6	5	4
5	6	4	2	11	4	4	4	8	7	6	5	4
6	6	4	2	11	4	4	4	8	7	6	5	4
7	6	4	2	11	4	4	4	8	7	6	5	4
8	6	4	2	11	4	4	4	8	7	6	5	4
9	6	4	2	11	4	4	4	8	7	6	5	4
10	6	4	2	11	4	4	4	8	7	6	5	4
11	6	4	2	11	4	4	4	8	7	6	5	4
12	6	4	2	11	4	4	4	8	7	6	5	4
13	6	4	2	11	4	4	4	8	7	6	5	4
14	6	4	2	11	4	4	4	8	7	6	5	4
15	6	4	2	11	4	4	4	8	7	6	5	4
16	6	5	2	11	1	4	4	5	7	6	4	4
17	6	5	2	11	1	4	4	5	7	6	4	4
18	6	5	2	11	1	4	4	5	7	6	4	4
19	6	5	2	11	1	4	4	5	7	6	4	4
20	6	5	2	11	1	4	4	5	7	6	4	4
21	6	5	3	11	1	4	4	5	7	6	4	4
22	6	5	3	11	1	4	4	5	7	6	4	4
23	6	5	3	11	1	4	4	5	7	6	4	4
24	6	5	3	11	1	4	4	5	7	6	4	4
25	6	5	3	11	1	4	4	5	7	6	4	4
26	6	5	3	11	1	4	4	5	7	6	4	4
27	6	5	3	11	1	4	4	5	7	6	4	4
28	6	5	3	11	1	4	4	5	7	6	4	4
29	6	....	3	11	1	4	4	5	7	6	4	4
30	6	....	3	11	1	4	4	5	7	6	4	4
31	6	....	3	....	1	....	4	5	....	6	....	4
Mean	6	4	2	11	3	4	4	6	7	6	5	4
Max.	6	5	3	11	4	4	4	8	7	6	5	4
Min.	6	4	2	11	1	4	4	5	7	6	4	4
A. F.	369	248	145	654	151	238	246	397	416	369	268	246
Total Acre Feet	3,747.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, TOOHEY DRAIN—1928  
Sec. 20, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4	2	3	2	2	3	4	8	6	9	4	8
2	4	2	3	2	2	3	4	8	6	9	4	8
3	4	2	3	2	2	3	4	8	6	9	4	8
4	4	2	3	2	2	3	4	8	6	9	4	8
5	4	2	3	2	2	3	4	8	6	9	4	8
6	4	2	3	2	2	3	4	8	6	9	4	8
7	4	2	3	2	2	3	4	8	6	9	4	8
8	4	2	3	2	2	3	4	8	6	9	4	8
9	4	2	3	2	2	3	4	8	6	9	4	8
10	4	2	3	2	2	3	4	8	6	9	4	8
11	4	2	3	2	2	3	4	8	6	9	4	8
12	4	2	3	2	2	3	4	8	6	9	4	8
13	4	2	3	2	2	3	4	8	6	9	4	8
14	4	2	3	2	2	3	4	8	6	9	4	8
15	4	2	3	2	2	3	4	8	6	9	4	8
16	4	2	3	2	2	3	4	7	7	9	3	8
17	4	2	3	2	2	3	4	7	7	9	3	8
18	4	2	3	2	2	3	4	7	7	9	3	8
19	4	2	3	2	2	3	4	7	7	9	3	8
20	4	2	3	2	2	3	4	7	7	9	3	8
21	4	2	3	2	2	3	4	7	7	9	3	8
22	4	2	3	2	2	3	4	7	7	9	3	8
23	4	2	3	2	2	3	4	7	7	9	3	8
24	4	2	3	2	2	3	4	7	7	9	3	8
25	4	2	3	2	2	3	4	7	7	9	3	8
26	4	2	3	2	2	3	8	7	7	9	3	8
27	4	2	3	2	2	3	8	7	7	9	3	8
28	4	2	3	2	2	3	8	7	7	9	3	8
29	4	2	3	2	2	3	8	7	7	9	3	8
30	4	2	3	2	2	3	8	7	7	9	3	8
31	4	2	3	2	2	3	8	7	7	9	3	8
Mean	4	2	3	2	2	3	5	7	7	9	4	8
Max.	4	2	3	2	2	3	8	8	7	9	4	8
Min.	4	2	3	2	2	3	4	7	6	9	3	8
A. F.	246	234	184	119	155	178	293	460	387	553	208	492
Total Acre Feet	3,509.											

## DISCHARGE IN SECOND FEET, TOOHEY SPILLWAY FROM TRI-STATE

CANAL—1928  
Sec. 19, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	.....	0	0	0	0	*	*	*
2	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
3	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
4	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
5	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
6	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
7	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
8	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
9	.....	.....	.....	.....	.....	50	0	0	0	.....	.....	.....
10	.....	.....	.....	.....	220	50	0	0	0	.....	.....	.....
11	.....	.....	.....	.....	.....	50	0	0	0	.....	.....	.....
12	.....	.....	.....	.....	.....	0	50	0	0	.....	.....	.....
13	.....	.....	.....	.....	.....	0	50	0	0	.....	.....	.....
14	.....	.....	.....	.....	.....	0	50	0	0	.....	.....	.....
15	.....	.....	.....	.....	.....	0	50	100	0	.....	.....	.....
16	.....	.....	.....	.....	.....	0	0	100	0	.....	.....	.....
17	.....	.....	.....	.....	.....	0	0	100	0	.....	.....	.....
18	.....	.....	.....	.....	.....	0	0	100	0	.....	.....	.....
19	.....	.....	.....	.....	.....	0	0	100	0	.....	.....	.....
20	.....	.....	.....	.....	.....	0	0	100	0	.....	.....	.....
21	.....	.....	.....	.....	.....	0	0	100	0	.....	.....	.....
22	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
23	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
24	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
25	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
26	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
27	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
28	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
29	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
30	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
31	.....	.....	.....	.....	.....	0	0	0	0	.....	.....	.....
Mean	.....	.....	.....	.....	10	11	23	0	0	.....	.....	.....
Max.	.....	.....	.....	.....	220	50	100	0	0	.....	.....	.....
Min.	.....	.....	.....	.....	0	0	0	0	0	.....	.....	.....
A. F.	.....	.....	.....	.....	436	694	1388	0	0	.....	.....	.....

Acre Feet Wasted to River 2,518.

\*No Record.

DISCHARGE IN SECOND FEET, TOOHEY SPILLWAY FROM TRI-STATE  
CANAL—1925  
Sec. 19, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	15	14	14	18	9	0	0	0	0	18	18	18
2	15	14	14	18	9	0	0	0	0	18	18	18
3	15	14	14	18	9	0	0	0	0	18	18	18
4	15	14	12	18	9	0	0	0	0	18	18	18
5	15	14	12	18	9	0	0	0	0	18	18	18
6	15	14	12	18	9	0	0	0	0	18	18	18
7	15	14	12	18	9	0	0	0	0	18	18	18
8	15	14	12	18	9	0	0	0	0	18	18	18
9	15	14	12	18	0	0	0	0	0	18	18	18
10	15	14	12	18	0	0	0	0	0	18	18	18
11	15	14	12	18	0	0	0	0	0	18	18	18
12	15	14	12	18	0	0	0	0	0	18	18	18
13	15	14	12	18	0	0	0	0	0	18	18	18
14	15	14	12	18	0	0	0	0	0	18	18	18
15	15	14	12	18	0	0	0	0	0	18	18	18
16	15	14	12	18	0	0	0	0	0	18	18	18
17	15	14	12	18	0	0	0	0	0	18	18	18
18	15	14	12	18	0	0	0	0	0	18	18	18
19	15	14	12	18	0	0	0	0	0	18	18	18
20	15	14	12	18	0	0	0	0	0	18	18	18
21	15	14	12	18	0	0	0	0	0	18	18	18
22	15	14	12	18	0	0	0	0	0	18	18	18
23	15	14	12	9	0	0	0	0	0	18	18	18
24	15	14	12	9	0	0	0	0	0	18	18	18
25	15	14	12	9	0	0	0	0	0	18	18	18
26	15	14	12	9	0	0	0	0	0	18	18	18
27	15	14	12	9	0	0	0	0	0	18	18	18
28	15	14	12	9	0	0	0	0	0	18	18	18
29	15	....	12	9	0	0	0	0	0	18	18	18
30	15	....	12	9	0	0	0	0	0	18	18	18
31	15	....	12	....	0	....	0	0	....	18	....	18
Mean	15	14	12	16	2	0	0	0	0	18	18	18
Max.	15	14	14	18	9	0	0	0	0	18	18	18
Min.	15	14	12	9	0	0	0	0	0	18	18	18
A. F.	982	777	750	928	143	0	0	0	0	1107	1071	1107
Total Acre Feet	6,865.											

DISCHARGE IN SECOND FEET, TOOHEY SPILLWAY FROM TRI-STATE  
CANAL—1926  
Sec. 19, Twp. 23, Rge. 56 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	19	14	18	13	0	0	0	0	0	20	17	17
2	19	14	18	13	0	0	0	0	0	20	17	17
3	19	14	18	13	0	0	0	0	0	20	17	17
4	19	14	18	13	0	0	0	0	0	20	17	17
5	19	14	18	13	0	0	0	0	0	20	17	17
6	19	14	18	13	0	0	0	0	0	20	17	17
7	19	14	18	13	0	0	0	0	0	20	17	17
8	19	14	18	13	0	0	0	0	0	20	17	17
9	19	14	18	13	0	0	0	0	0	20	17	17
10	19	14	18	13	0	0	0	0	0	20	17	17
11	19	14	18	13	26	0	0	0	0	20	17	17
12	19	14	18	13	26	0	0	0	0	20	17	17
13	19	14	18	13	26	0	0	0	0	20	17	17
14	19	14	18	13	26	0	0	0	0	20	17	17
15	19	14	18	13	26	0	0	0	0	20	17	17
16	19	14	18	13	26	20	0	0	0	20	17	17
17	19	14	18	13	26	20	0	0	0	20	17	17
18	19	14	18	13	26	20	0	0	0	20	17	17
19	19	14	18	13	26	20	0	0	0	20	17	17
20	19	14	18	13	26	20	0	0	0	20	17	17
21	19	14	18	13	26	20	0	0	0	17	17	17
22	19	14	18	13	26	20	0	0	0	17	17	17
23	19	14	18	13	26	20	0	0	0	17	17	17
24	19	14	18	13	26	20	0	0	0	17	17	17
25	19	14	18	13	26	20	0	0	0	17	17	17
26	19	14	18	13	26	0	0	0	0	17	17	17
27	19	14	18	13	26	0	0	0	0	17	17	17
28	19	14	18	13	26	0	0	0	0	17	17	17
29	19	....	18	13	26	0	0	0	0	17	17	17
30	19	....	18	13	26	0	0	0	0	17	17	17
31	19	....	18	....	26	....	0	0	....	17	....	17
Mean	19	14	18	13	18	7	0	0	0	19	17	17
Max.	19	14	18	13	26	20	0	0	0	20	17	17
Min.	19	14	18	13	0	0	0	0	0	17	17	17
A. F.	1168	777	1107	773	1083	397	0	0	0	1164	1011	1045
Total Acre Feet	8,525.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, TOOHEY SPILLWAY FROM TRI-STATE  
CANAL—1927

Date	Sec. 19, Twp. 23, Rge. 56 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17	17	16	16	14		0	0	0	26	16	29
2	17	17	16	16	14	0	0	0	0	26	16	29
3	17	17	16	16	14	0	0	0	0	26	16	29
4	17	17	16	16	14	0	0	0	0	26	16	29
5	17	17	16	16	14	0	0	0	0	26	16	29
6	17	17	16	16	14	0	0	0	0	26	16	29
7	17	17	16	16	14	0	0	0	0	26	16	29
8	17	17	16	16	14	0	0	0	0	26	16	29
9	17	17	16	16	14	0	0	0	0	26	16	29
10	17	17	16	16	14	0	0	0	0	26	16	29
11	17	17	16	16	14	0	0	0	0	26	16	29
12	17	17	16	16	14	0	0	0	0	26	16	29
13	17	17	16	16	14	0	0	0	0	26	16	29
14	17	17	16	16	14	0	0	0	0	26	16	29
15	17	17	16	16	14	0	0	0	0	26	16	29
16	7	18	16	16	14	0	0	0	0	26	16	29
17	7	18	16	16	14	0	0	0	0	26	16	29
18	7	18	16	16	14	0	0	0	0	26	16	29
19	7	18	16	16	14	0	0	0	0	26	16	29
20	7	18	16	16	14	0	0	0	0	26	16	29
21	7	18	16	16	14	0	0	0	0	26	16	29
22	7	18	16	16	14	0	0	0	0	26	16	29
23	7	18	16	16	14	0	0	0	0	26	16	29
24	7	18	16	16	14	0	0	0	0	26	16	29
25	7	18	16	16	14	0	0	0	0	26	16	29
26	7	18	16	16	0	0	0	0	0	26	16	29
27	7	18	16	16	0	0	0	0	0	26	16	29
28	7	18	16	16	0	0	0	0	0	26	16	29
29	7	---	16	16	0	0	0	0	0	26	16	29
30	7	---	16	16	0	0	0	0	0	26	16	29
31	---	---	16	---	0	---	0	0	---	26	---	29
Mean	12	17	16	16	11	0	0	0	0	26	16	29
Max.	17	18	16	16	14	0	0	0	0	26	16	29
Min.	7	17	16	16	0	0	0	0	0	26	16	29
A. F.	728	970	984	952	704	0	0	0	0	1609	952	1783
Total Acre Feet	8,682.											

DISCHARGE IN SECOND FEET, TOOHEY SPILLWAY FROM TRI-STATE  
CANAL—1928

Date	Sec. 19, Twp. 23, Rge. 56 W.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14	11	14	21	0	0	0	0	0	0	25	23
2	14	11	14	21	0	0	0	0	0	0	25	23
3	14	11	14	21	0	0	0	0	0	0	25	23
4	14	11	14	21	0	0	0	0	0	0	25	23
5	14	11	14	21	0	0	0	0	0	0	25	23
6	14	11	14	21	0	0	0	0	0	0	25	23
7	14	11	14	21	0	0	0	0	0	0	25	23
8	14	11	14	21	0	0	0	0	0	0	25	23
9	14	11	14	21	0	0	0	0	0	0	25	23
10	14	11	14	21	0	0	0	0	0	0	25	23
11	14	11	14	21	0	0	0	0	0	0	25	23
12	14	11	14	21	0	0	0	0	0	0	25	23
13	14	11	14	21	0	0	0	0	0	0	25	23
14	14	11	14	21	0	0	0	0	0	0	25	23
15	14	11	14	21	0	0	0	0	0	0	25	23
16	14	11	14	23	0	0	0	0	0	0	25	23
17	14	11	14	23	0	0	0	0	0	0	25	23
18	14	11	14	23	0	0	0	0	0	0	25	23
19	14	11	14	23	0	0	0	0	0	0	25	23
20	14	11	14	23	0	0	0	0	0	0	25	23
21	14	11	14	23	0	0	0	0	0	20	28	23
22	14	11	14	23	0	0	0	0	0	20	28	23
23	14	11	14	23	0	0	0	0	0	20	28	23
24	14	11	14	23	0	0	0	0	0	20	28	23
25	14	11	14	23	0	0	0	0	0	20	28	23
26	14	11	14	23	0	0	0	0	0	20	28	23
27	14	11	14	23	0	0	0	0	0	20	28	23
28	14	11	14	23	0	0	0	0	0	20	28	23
29	14	11	14	23	0	0	0	0	0	20	28	23
30	14	---	14	23	0	0	0	0	0	20	28	23
31	14	---	14	---	0	---	0	0	---	20	---	23
Mean	14	11	14	22	0	0	0	0	0	7	26	23
Max.	14	11	14	23	0	0	0	0	0	20	28	23
Min.	14	11	14	21	0	0	0	0	0	0	25	23
A. F.	861	633	861	1309	0	0	0	0	0	436	1547	1414
Total Acre Feet	7,061.											

**DISCHARGE IN SECOND FEET, TUB SPRINGS—1920**  
 Sec. 8, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	47	33	32	27	28	22	44	47	37	47	42	43
2	47	32	32	26	28	22	44	46	40	47	42	43
3	47	32	32	26	28	22	43	45	42	47	42	42
4	46	31	33	26	27	22	43	44	43	46	42	42
5	46	31	33	25	27	22	42	43	45	46	42	42
6	45	30	33	25	27	22	42	42	46	46	42	41
7	45	30	33	25	26	22	42	42	48	46	42	41
8	44	30	33	25	26	22	41	41	50	45	42	40
9	44	29	33	25	26	22	41	40	51	45	42	40
10	44	29	33	25	25	22	41	40	52	45	42	40
11	43	28	33	25	25	25	41	39	52	45	42	39
12	43	28	33	25	25	27	40	39	52	44	42	39
13	43	29	32	24	24	30	40	38	52	44	42	39
14	42	29	32	25	24	33	40	37	51	44	42	39
15	42	29	32	25	24	36	41	36	51	44	42	39
16	41	29	31	25	23	39	41	36	51	43	42	38
17	40	29	31	25	23	40	42	35	51	43	42	38
18	40	29	31	25	23	41	42	35	51	43	42	38
19	39	29	31	25	23	42	43	34	50	43	42	37
20	39	30	30	26	22	42	43	33	50	43	42	37
21	38	30	30	26	22	42	44	33	50	43	42	37
22	37	30	30	26	22	42	45	32	50	42	42	37
23	37	31	29	26	22	42	46	31	49	42	42	36
24	36	31	29	27	22	43	46	31	49	42	43	36
25	36	31	29	27	22	43	47	30	49	42	43	36
26	35	31	28	27	22	43	48	30	49	42	43	36
27	35	31	28	27	22	43	48	31	49	42	43	35
28	34	32	28	28	22	44	49	32	48	42	43	35
29	34	32	27	28	22	44	48	33	48	42	43	35
30	34	---	27	28	22	44	48	34	48	42	43	35
31	33	---	27	---	22	---	47	35	---	42	---	35
Mean	40	30	30	25	24	33	43	36	48	44	42	38
Max.	47	33	33	28	28	44	49	47	52	47	43	43
Min.	33	28	27	24	22	22	41	30	37	42	42	35
A. F.	2491	1735	1894	1537	1491	2004	2694	2277	2892	2708	2513	2358
Total Acre Feet	26,534.											

**DISCHARGE IN SECOND FEET, TUB SPRINGS—1921**  
 Sec. 8, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	31	37	36	31	39	37	47	18	19	38	50	40
2	31	37	36	31	39	37	46	17	20	40	50	40
3	31	38	36	30	39	37	46	16	20	43	50	40
4	31	38	36	30	40	37	45	15	20	45	50	40
5	31	38	36	29	40	36	45	14	21	47	50	39
6	31	37	36	29	40	36	44	13	21	48	50	39
7	31	37	36	28	40	36	43	12	21	48	50	39
8	31	37	36	27	40	36	42	11	22	48	50	39
9	31	37	36	27	41	37	41	12	22	48	50	39
10	31	37	36	26	41	38	40	10	22	48	50	39
11	31	37	36	26	41	39	39	9	23	48	49	39
12	31	37	36	25	41	41	38	9	23	48	48	39
13	32	37	36	26	41	42	37	8	24	48	48	38
14	32	37	36	26	41	43	36	7	24	48	47	38
15	32	37	36	27	40	44	35	7	24	48	47	38
16	33	37	36	28	40	45	34	6	25	48	46	38
17	33	37	36	29	40	47	33	5	25	48	46	38
18	33	37	36	30	40	48	32	5	25	49	45	38
19	33	37	36	31	40	50	31	4	26	49	45	38
20	34	37	36	31	39	51	30	5	26	49	45	37
21	34	37	36	32	39	52	29	6	27	49	44	37
22	34	37	36	33	39	52	28	7	27	49	44	37
23	34	37	36	34	39	51	27	9	27	49	43	37
24	35	37	36	35	39	51	26	10	28	49	43	37
25	35	37	35	36	38	50	25	11	28	49	42	37
26	35	37	35	36	38	49	24	13	28	49	42	37
27	36	36	34	37	38	49	23	14	29	49	41	36
28	36	36	33	38	38	48	22	16	31	49	41	36
29	36	---	33	38	37	48	21	17	34	49	40	36
30	37	---	32	38	37	47	20	18	36	49	40	36
31	37	---	32	---	37	---	19	---	---	50	---	36
Mean	33	37	35	28	39	44	34	11	25	48	46	39
Max.	37	38	36	41	52	47	47	36	50	50	50	40
Min.	31	36	32	25	37	36	19	4	19	38	40	36
A. F.	2029	2057	2178	1680	2422	2606	2079	676	1484	2928	2749	2413
Used by Enterprise	107											
Used by Tri-State	700											
Total	2029	2057	2178	1787	3586	3773	3457	2927	3333	2928	2749	2413
Total Acre Feet	33,217.											



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, TUB SPRINGS—1922  
Sec. 8, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	34	43	38	44	43	41	42	49	55	54	57	58
2	34	43	38	43	43	41	42	50	55	55	57	58
3	34	43	37	43	43	41	42	50	55	56	57	58
4	34	44	37	43	42	41	43	50	55	56	57	58
5	34	44	37	42	41	41	43	50	55	57	57	58
6	34	44	37	42	40	41	43	51	55	57	57	58
7	34	45	36	42	40	41	43	51	55	57	57	58
8	34	45	37	42	39	40	43	52	55	57	57	58
9	34	45	38	42	39	40	44	52	55	57	57	58
10	34	44	39	42	39	39	44	52	55	57	57	58
11	35	44	40	42	38	39	44	52	55	57	57	58
12	35	44	41	42	38	39	44	52	55	57	57	58
13	35	43	42	42	38	38	44	53	55	57	57	58
14	36	43	43	42	38	38	45	53	54	57	57	58
15	36	43	44	42	38	39	45	53	54	57	57	58
16	36	43	44	43	39	39	45	54	54	57	57	57
17	37	42	45	43	39	39	45	54	54	57	57	55
18	37	42	46	43	39	39	45	54	53	57	57	53
19	38	42	47	43	39	59	46	55	53	57	57	52
20	38	41	48	43	39	40	46	55	53	57	57	50
21	38	41	49	43	39	40	46	55	52	57	57	49
22	39	40	50	43	39	40	46	55	52	57	57	47
23	39	40	50	43	40	40	47	56	52	57	57	46
24	40	40	49	43	40	40	47	56	52	57	57	44
25	40	40	49	43	40	41	48	56	51	57	57	43
26	40	39	48	43	40	41	48	56	51	57	57	42
27	41	38	47	43	40	41	48	56	51	57	57	42
28	41	38	47	43	40	41	48	56	52	57	57	42
29	41	....	46	43	40	42	49	56	53	57	57	42
30	42	....	46	43	40	42	49	56	54	57	57	42
31	42	....	45	....	40	....	49	56	....	57	....	42
Mean	37	42	43	43	40	40	43	53	54	57	57	52
Max.	42	45	50	44	43	42	49	56	55	57	57	58
Min.	34	38	36	42	38	38	42	49	51	54	57	42
A. F.	2273	2366	2658	2539	2444	2386	2698	3285	3193	3491	3392	3209
Taken by Enterprise Canal 960												
Total Acre Feet taken by Enterprise 5,597.												
Total Acre Feet by River 33,934. Total Acre Feet 39,531.												

DISCHARGE IN SECOND FEET, TUB SPRINGS—1923  
Sec. 8, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	35	39	43	36	23	42	31	61	25	65	51	39
2	35	39	43	36	23	43	29	62	26	66	50	39
3	35	40	42	35	24	43	27	63	28	60	50	39
4	35	40	42	35	24	44	25	64	29	55	50	40
5	35	41	42	35	25	45	23	65	30	50	51	39
6	35	41	41	34	25	46	21	67	32	45	61	39
7	35	42	41	34	25	46	19	68	33	40	60	38
8	35	42	41	33	26	47	17	69	34	35	60	38
9	35	43	41	33	26	48	15	70	36	32	59	37
10	35	43	41	32	26	48	14	72	37	33	59	36
11	35	44	40	32	27	49	15	73	38	35	59	36
12	35	44	40	31	27	50	18	74	40	36	57	35
13	35	45	40	30	28	51	21	75	41	38	58	35
14	35	45	40	30	29	51	23	77	42	40	58	35
15	35	46	40	29	30	52	26	78	44	41	57	35
16	35	46	39	28	30	53	29	79	45	43	57	35
17	35	46	39	28	31	54	31	74	46	44	50	35
18	35	45	39	27	32	55	34	67	48	46	42	35
19	35	45	38	27	32	55	36	62	49	48	35	35
20	35	45	38	26	33	53	38	56	50	49	35	35
21	35	44	37	25	34	50	41	51	52	51	35	35
22	35	44	37	25	35	49	44	46	58	52	35	35
23	35	44	37	24	35	47	46	41	54	54	36	35
24	35	44	37	24	36	45	48	36	56	56	36	35
25	35	44	37	23	37	43	51	31	57	57	37	35
26	36	43	37	22	38	41	54	25	58	59	37	35
27	36	43	37	22	38	39	55	19	60	58	37	35
28	37	43	37	22	39	37	55	20	61	56	38	35
29	37	....	36	22	40	35	57	21	62	55	38	35
30	38	....	36	23	40	33	58	22	65	54	38	35
31	38	....	36	....	41	....	59	24	....	52	....	35
Mean	35.3	43.2	39.1	28.7	30.9	46.4	34.2	55.2	44.3	48.5	47.5	36.1
Max.	38	46	43	36	41	55	59	79	64	65	61	39
Min.	35	39	36	22	23	33	14	19	25	32	35	35
A. F.	2176	2400	2408	1711	1962	2765	2104	3395	2638	2985	2830	2222
Acre Feet Taken by Enterprise Canal 3338												
Total Acre Feet 30,194												



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, TUB SPRINGS—1926  
Sec. 8, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	41	35	28	30	30	72	13	19	41	83	32	40
2	41	35	28	30	30	72	13	19	41	83	32	40
3	41	35	28	30	30	72	13	19	41	83	32	40
4	41	35	28	30	30	72	13	19	41	83	32	40
5	41	35	28	30	30	72	13	19	41	83	32	40
6	41	35	28	30	30	72	13	19	41	83	32	40
7	41	35	28	30	30	72	13	19	41	83	32	40
8	41	35	28	30	30	72	13	19	41	83	32	40
9	41	35	28	30	30	72	13	19	41	83	32	40
10	41	35	28	30	30	72	13	19	41	83	32	40
11	41	35	28	30	30	72	13	19	41	83	32	40
12	41	35	28	30	30	72	13	19	41	83	32	40
13	41	35	28	30	30	72	13	19	41	83	32	40
14	41	35	28	30	30	72	13	19	41	83	32	40
15	41	35	28	30	30	72	13	19	41	83	32	40
16	41	35	28	30	25	72	13	19	41	83	32	40
17	41	35	28	30	25	72	13	19	41	83	32	40
18	41	35	28	30	25	72	13	19	41	83	32	40
19	41	35	28	30	25	72	13	19	41	83	32	40
20	41	35	28	30	25	72	13	19	41	83	32	40
21	41	35	28	30	25	48	33	18	41	34	32	40
22	41	35	28	30	25	48	33	18	41	34	32	40
23	41	35	28	30	25	48	33	18	41	34	32	40
24	41	35	28	30	25	48	33	18	41	34	32	40
25	41	35	28	30	25	48	33	18	41	34	32	40
26	41	35	28	30	25	48	33	18	41	34	32	40
27	41	35	28	30	25	48	33	18	41	34	32	40
28	41	35	28	30	25	48	33	18	41	34	32	40
29	41	....	28	30	25	48	33	18	41	34	32	40
30	41	....	28	30	25	48	33	18	41	34	32	40
31	41	....	28	....	25	....	33	18	....	34	....	40
Mean	41	35	28	30	28	64	20	19	41	53	32	40
Max.	41	35	28	30	30	72	33	19	41	83	32	40
Min.	41	35	28	30	25	48	13	18	41	34	32	40
A. F.	2521	1944	1722	1785	1686	3808	1236	1146	2440	3293	1904	2460
Total Acre Feet	25,945.											

DISCHARGE IN SECOND FEET, TUB SPRINGS—1927  
Sec. 8, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	46	31	40	43	30	77	56	158	52	73	58	63
2	46	31	40	43	30	77	56	158	52	73	58	63
3	46	31	40	43	30	77	56	158	52	73	58	63
4	46	31	40	43	30	77	56	158	52	73	58	63
5	46	31	40	43	30	77	56	158	52	73	58	63
6	46	31	40	43	30	77	56	158	52	73	58	63
7	46	31	40	43	30	77	56	158	52	73	58	63
8	46	31	40	43	30	77	56	158	52	73	58	63
9	46	31	40	43	30	77	56	158	52	73	58	63
10	46	31	40	43	30	77	56	158	52	73	58	63
11	46	31	40	43	30	77	56	158	52	73	58	63
12	46	31	40	43	30	77	56	158	52	73	58	63
13	46	31	40	43	30	77	56	158	52	73	58	63
14	46	31	40	43	30	77	56	158	52	73	58	63
15	46	31	40	43	30	77	56	158	52	73	58	63
16	34	31	35	43	14	77	56	31	52	73	55	63
17	34	31	35	43	14	77	56	31	52	73	55	63
18	34	31	35	43	14	77	56	31	52	73	55	63
19	34	31	35	43	14	77	56	31	52	73	55	63
20	34	31	35	42	14	77	56	31	52	73	55	63
21	34	31	35	43	14	77	56	31	52	73	55	63
22	34	31	35	43	14	77	56	31	52	73	55	63
23	34	31	35	43	14	77	56	31	52	73	55	63
24	34	31	35	43	14	77	56	31	52	73	55	63
25	34	31	35	43	14	77	56	31	52	73	55	63
26	34	31	35	43	14	77	56	31	52	73	55	63
27	34	31	35	43	14	77	56	31	52	73	55	63
28	34	31	35	43	14	77	56	31	52	73	55	63
29	34	....	35	43	14	77	56	31	52	73	55	63
30	34	....	35	43	14	77	56	31	52	73	55	63
31	34	....	35	....	14	....	56	31	....	73	....	63
Mean	40	31	37	43	22	77	56	93	52	73	56	63
Max.	46	31	40	43	30	77	56	158	52	73	58	63
Min.	34	31	35	43	14	77	56	31	52	73	55	63
A. F.	2448	1722	2301	2559	1337	4582	3443	5685	3094	4487	3362	3874
Total Acre Feet	38,894.											

DISCHARGE IN SECOND FEET, TUB SPRINGS—1928  
Sec. 8, Twp. 22, Rge. 55 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	43	33	32	23	33	72	7	57	57	44	98	57
2	43	33	32	23	33	72	7	57	57	44	98	57
3	43	33	32	23	33	72	7	57	57	44	98	57
4	43	33	32	23	33	72	7	57	57	44	98	57
5	43	33	32	23	33	72	7	57	57	44	98	57
6	43	33	32	23	33	72	7	57	57	44	98	57
7	43	33	32	23	33	72	7	57	57	44	98	57
8	43	33	32	23	33	72	7	57	57	44	98	57
9	43	33	32	23	33	72	7	57	57	44	98	57
10	43	33	32	23	33	72	7	57	57	44	98	57
11	43	33	32	23	33	72	49	57	57	44	98	57
12	43	33	32	23	33	72	49	57	57	44	98	57
13	43	33	32	23	33	72	49	57	57	44	98	57
14	43	33	32	23	33	72	49	57	57	44	98	57
15	43	33	32	23	33	72	49	57	57	44	98	57
16	43	33	32	28	72	75	49	57	49	44	64	57
17	43	33	32	28	72	75	49	57	49	44	64	57
18	43	33	32	28	72	75	49	57	49	44	64	57
19	43	33	32	28	72	75	49	57	49	44	64	57
20	43	33	32	28	72	75	49	57	49	44	64	57
21	43	33	32	28	72	75	49	57	49	44	64	57
22	43	33	32	28	72	75	49	57	49	44	64	57
23	43	33	32	28	72	75	49	57	49	44	64	57
24	43	33	32	28	72	75	49	57	49	44	64	57
25	43	33	32	28	72	75	49	57	49	44	64	57
26	43	33	32	28	72	75	49	57	49	44	64	57
27	43	33	32	28	72	75	49	57	49	44	64	57
28	43	33	32	28	72	75	49	57	49	44	64	57
29	43	33	32	28	72	75	49	57	49	44	64	57
30	43	33	32	28	72	75	49	57	49	44	64	57
31	43	33	32	28	72	75	49	57	49	44	64	57
Mean	43	33	32	25	53	73	35	57	53	44	81	57
Max.	43	33	32	28	72	75	49	57	57	44	98	57
Min.	43	33	32	23	33	72	7	57	49	44	64	57
A. F.	2644	1898	1968	1517	3267	4374	2180	3505	3154	2706	4820	3505
Total	Acre Feet 35,537.											

DISCHARGE IN SECOND FEET, WHITE CLAY CREEK—1922  
Sec. 2, Twp. 31, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	5	5	4	4	4	3	3	*	*	*	*
2	5	5	5	4	4	4	3	3	....	....	....	....
3	5	5	5	4	4	4	3	3	....	....	....	....
4	5	5	5	4	4	4	3	3	....	....	....	....
5	5	5	5	4	4	4	3	3	....	....	....	....
6	5	5	5	4	4	4	3	3	....	....	....	....
7	5	5	5	4	4	4	3	3	....	....	....	....
8	5	6	5	4	4	4	3	3	....	....	....	....
9	5	6	5	4	4	4	3	3	....	....	....	....
10	5	6	5	4	4	4	3	3	....	....	....	....
11	5	6	5	4	4	4	3	3	....	....	....	....
12	5	6	5	4	4	4	3	3	....	....	....	....
13	5	6	5	4	4	4	3	3	....	....	....	....
14	5	6	5	4	4	4	3	3	....	....	....	....
15	5	6	5	4	4	4	3	3	....	....	....	....
16	5	6	5	4	4	4	3	3	....	....	....	....
17	5	6	5	4	4	4	3	3	....	....	....	....
18	5	6	5	4	4	4	3	3	....	....	....	....
19	5	6	5	4	4	4	3	3	....	....	....	....
20	5	6	5	4	4	4	3	3	....	....	....	....
21	5	5	4	4	4	4	3	3	....	....	....	....
22	5	5	4	4	4	4	3	3	....	....	....	....
23	5	5	4	4	4	4	3	3	....	....	....	....
24	5	5	4	4	4	4	3	3	....	....	....	....
25	5	5	4	4	4	4	3	3	....	....	....	....
26	5	5	4	4	4	4	3	3	....	....	....	....
27	5	5	4	4	4	4	3	3	....	....	....	....
28	5	5	4	4	4	4	3	3	....	....	....	....
29	5	—	4	4	4	4	3	3	....	....	....	....
30	5	—	4	4	4	4	3	3	....	....	....	....
31	5	—	4	—	4	—	3	3	....	....	....	....
Mean	5	5.5	4.6	—	4	4	3	3	....	....	....	....
Max.	5	6	5	4	4	4	3	3	....	....	....	....
Min.	5	5	4	4	4	4	3	3	....	....	....	....
A. F.	307	305	285	238	246	238	184	184	....	....	....	....
*No Record.												

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WHITE CLAY CREEK—1924  
Sec. 2, Twp. 31, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	4	7	4	4	3	2	2	2	2	4	2
2	3	4	7	4	4	3	2	2	2	2	4	2
3	3	4	7	4	4	3	2	2	2	2	4	2
4	3	4	7	4	4	3	2	2	2	2	4	2
5	3	4	7	4	4	3	2	2	2	2	4	2
6	3	4	7	4	4	3	2	2	2	3	4	2
7	3	4	7	4	4	3	2	2	2	3	4	2
8	3	4	7	4	4	3	2	2	2	3	4	2
9	3	4	7	4	4	3	2	2	2	3	4	2
10	3	4	7	4	4	3	2	2	2	3	4	2
11	3	4	7	4	4	3	2	2	2	3	4	2
12	3	4	7	4	4	3	2	2	2	3	4	2
13	3	4	7	4	4	3	2	2	2	3	4	2
14	3	4	7	4	4	3	2	2	2	3	4	2
15	3	4	7	4	4	3	2	2	2	3	4	2
16	3	4	7	4	4	3	2	2	2	3	4	2
17	3	4	7	4	4	3	2	2	2	3	4	2
18	3	4	7	4	4	3	2	2	2	3	4	2
19	3	4	7	4	4	3	2	2	2	3	4	2
20	3	4	7	4	4	3	2	2	2	3	4	2
21	3	4	7	4	3	3	2	2	2	3	2	2
22	3	4	7	4	3	3	2	2	2	3	2	2
23	3	4	7	4	3	3	2	2	2	3	2	2
24	3	4	7	4	3	3	2	2	2	3	2	2
25	3	4	7	4	3	3	2	2	2	3	2	2
26	3	4	7	4	3	3	2	2	2	3	2	2
27	3	4	7	4	3	2	2	2	2	3	2	2
28	3	4	7	4	3	2	2	2	2	3	2	2
29	3	4	7	4	3	2	2	2	2	3	2	2
30	3	.....	7	4	3	2	2	2	2	3	2	2
31	3	.....	7	.....	3	.....	2	2	.....	3	.....	2
Max.	3	4	7	4	4	3	2	2	2	3	4	2
Ma.	3	4	7	4	4	3	2	2	2	3	4	2
Min.	3	4	7	4	3	2	2	2	2	2	2	2
A. F.	184	230	430	238	224	168	123	123	119	168	198	123
Total Acre Feet	2,328.											

DISCHARGE IN SECOND FEET, WHITE CLAY CREEK—1925  
Sec. 2, Twp. 31, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
2	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
3	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
4	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
5	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
6	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
7	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
8	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
9	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
10	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
11	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
12	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
13	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
14	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
15	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
16	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
17	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
18	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
19	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
20	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
21	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
22	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
23	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
24	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
25	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
26	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
27	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
28	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
29	2.9	.....	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
30	2.9	.....	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
31	2.9	.....	2.8	.....	2.8	.....	4.9	1.0	.....	3.0	.....	2.8
Mean	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.7	2.8	2.8
Max.	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	3.0	2.8	2.8
Min.	2.9	4.4	2.8	3.5	2.8	2.0	4.9	1.0	1.1	1.1	2.8	2.8
A. F.	178	244	172	208	172	119	301	61	65	109	167	172
Total Acre Feet	1,968.											

**DISCHARGE IN SECOND FEET, WHITE CLAY CREEK—1926**  
 Sec. 2, Twp. 31, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	4	4	4	4	2	2	5	2	3	4	2
2	3	4	4	4	4	2	2	5	2	3	4	2
3	3	4	4	4	4	2	2	5	2	3	4	2
4	3	4	4	4	4	2	2	5	2	3	4	2
5	3	4	4	4	4	2	2	5	2	3	4	2
6	3	4	4	4	4	2	2	5	2	3	4	2
7	3	4	4	4	4	2	2	5	2	3	4	2
8	3	4	4	4	4	2	2	5	2	3	4	2
9	3	4	4	4	4	2	2	5	2	3	4	2
10	3	4	4	4	4	2	2	5	2	3	4	2
11	3	4	4	4	4	2	2	5	2	3	4	2
12	3	4	4	4	4	2	2	5	2	3	4	2
13	3	4	4	4	4	2	2	5	2	3	4	2
14	3	4	4	4	4	2	2	5	2	3	4	2
15	3	4	4	4	4	2	2	5	2	3	4	2
16	3	4	4	4	4	2	2	5	2	3	4	2
17	3	4	4	4	4	2	2	5	2	3	4	2
18	3	4	4	4	4	2	2	5	2	3	4	2
19	3	4	4	4	4	2	2	5	2	3	4	2
20	3	4	4	4	4	2	2	5	2	3	4	2
21	3	4	3	4	4	2	2	5	2	3	4	2
22	3	4	3	4	4	2	2	5	2	3	4	2
23	3	4	3	4	4	2	2	5	2	3	4	2
24	3	4	3	4	4	2	2	5	2	3	4	2
25	3	4	3	4	4	2	2	5	2	3	4	2
26	3	4	3	4	4	2	2	5	2	3	4	2
27	3	4	3	4	4	2	2	5	2	3	4	2
28	3	4	3	4	4	2	2	5	2	3	4	2
29	3	.....	3	4	4	2	2	5	2	3	4	2
30	3	.....	3	4	4	2	2	5	2	3	4	2
31	3	.....	3	.....	4	.....	2	5	.....	3	.....	2
Mean	3	4	4	4	4	2	2	5	2	3	4	2
Max.	3	4	4	4	4	2	2	5	2	3	4	2
Min.	3	4	3	4	4	2	2	5	2	3	4	2
A. F.	184	222	224	238	246	119	123	308	119	184	238	123
Total Acre Feet	2,328.											

**DISCHARGE IN SECOND FEET, WHITE CLAY CREEK—1927**  
 Sec. 2, Twp. 31, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
2	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
3	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
4	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
5	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
6	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
7	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
8	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
9	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
10	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
11	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
12	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
13	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
14	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
15	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
16	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
17	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
18	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
19	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
20	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
21	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	7.0	4.7
22	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
23	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
24	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
25	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
26	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
27	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
28	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
29	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
30	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
31	.....	.....	4.6	.....	6.8	.....	5.0	5.9	.....	5.0	.....	4.7
Mean	.....	.....	4.6	8.0	6.8	5.1	5.0	5.1	4.4	5.0	7.7	4.7
Max.	.....	.....	4.6	8.0	6.8	5.1	5.0	5.9	4.4	5.0	9.2	4.7
Min.	.....	.....	4.6	8.0	6.8	5.1	5.0	4.8	4.4	5.0	7.0	4.7
A. F.	.....	.....	282	476	297	303	307	319	259	307	460	309
*No Record.												

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WHITE HORSE CREEK—1922  
Sec. 5, Twp. 13, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	13	13	13	13	21	17	5	6	7	9	11	13
2	13	13	13	13	22	18	5	6	7	9	11	13
3	13	13	13	13	23	19	6	6	7	9	11	13
4	13	13	13	13	24	20	6	6	7	9	11	13
5	13	13	13	13	24	21	7	6	7	9	11	13
6	13	13	13	13	23	20	6	6	7	9	11	13
7	13	13	13	13	22	19	6	6	7	9	11	13
8	13	13	13	13	21	18	6	6	7	9	11	13
9	13	13	13	13	20	17	6	6	7	9	11	13
10	13	13	13	13	19	16	6	6	7	9	11	13
11	13	13	13	13	18	15	7	7	8	10	12	13
12	13	13	13	13	16	14	7	7	8	10	12	13
13	13	13	13	13	15	13	7	7	8	10	12	13
14	13	13	13	13	14	12	7	7	8	10	12	13
15	13	13	13	13	13	11	7	7	8	10	12	13
16	13	13	13	13	12	10	8	7	8	10	12	13
17	13	13	13	13	11	9	8	7	8	10	12	13
18	13	13	13	13	10	8	8	7	8	10	12	13
19	13	13	13	13	8	7	8	7	8	10	12	13
20	13	13	13	13	9	6	8	7	8	10	12	13
21	13	13	13	13	10	6	8	7	8	10	12	13
22	13	13	13	13	10	5	8	7	8	10	12	13
23	13	13	13	13	14	11	4	9	9	11	13	13
24	13	13	13	13	15	12	3	9	7	9	11	13
25	13	13	13	13	16	13	3	8	7	9	11	13
26	13	13	13	13	16	13	3	8	7	9	11	13
27	13	13	13	13	17	14	4	7	7	9	11	13
28	13	13	13	13	17	15	4	6	9	11	13	13
29	13	.....	13	18	16	4	6	7	9	11	13	13
30	13	.....	13	19	17	5	6	7	9	11	13	13
31	13	.....	13	.....	17	.....	6	7	.....	11	.....	13
Mean	13	13	13	13.9	15.9	11.6	6.9	6.7	8.0	9.7	12	13
Max.	13	13	13	19	24	21	9	7	9	11	13	13
Min.	13	13	13	13	8	3	5	6	7	9	11	13
A. F.	799	722	799	829	978	666	426	410	476	597	714	799
Total Acre Feet	8,215.											

DISCHARGE IN SECOND FEET, WHITE HORSE CREEK—1923  
Sec. 5, Twp. 13, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	16	14	20	14	14	16	12	6	10	15	23	25
2	16	14	20	14	14	16	12	6	10	15	23	25
3	16	14	20	14	14	16	12	6	10	15	23	25
4	16	14	20	14	14	16	12	6	10	15	23	25
5	16	14	20	14	14	16	12	6	10	15	23	25
6	16	14	20	14	14	16	12	6	10	15	23	25
7	16	14	20	14	14	16	12	6	10	15	23	25
8	16	14	20	14	14	16	12	6	10	15	23	25
9	16	14	20	14	14	16	12	6	10	15	23	25
10	16	14	20	14	14	16	12	6	10	15	23	25
11	16	16	22	14	14	16	10	6	10	18	20	25
12	16	16	22	14	14	16	10	6	10	18	20	25
13	16	16	22	14	14	16	10	6	10	18	20	25
14	16	16	22	14	14	16	10	6	10	18	20	25
15	16	16	22	14	14	16	10	6	10	16	20	25
16	16	16	22	14	14	16	10	6	10	16	20	25
17	16	16	22	14	14	16	10	6	10	16	20	25
18	16	16	22	14	14	16	10	6	10	16	20	25
19	16	16	22	14	14	16	10	6	10	16	20	25
20	16	16	22	14	14	16	10	6	10	18	20	25
21	16	19	25	14	14	16	8	6	10	20	18	25
22	16	19	25	14	14	16	8	6	10	20	18	25
23	16	19	25	14	14	16	8	6	10	20	18	25
24	16	19	25	14	14	16	8	6	10	20	18	25
25	16	19	25	14	14	16	8	6	10	20	18	25
26	16	19	25	14	14	16	8	6	10	20	18	25
27	16	19	25	14	14	16	8	6	10	20	18	25
28	16	19	25	14	14	16	8	6	10	20	18	25
29	16	.....	25	14	14	16	8	6	10	20	18	25
30	16	.....	25	14	14	16	8	6	10	20	18	25
31	16	.....	25	.....	14	.....	8	6	.....	20	.....	25
Mean	16	16	22	14	14	16	9	6	10	18	20	25
Max.	16	19	25	14	14	16	12	6	10	20	23	25
Min.	16	14	20	14	14	16	8	6	10	15	18	25
A. F.	984	898	1379	834	862	953	612	369	595	1089	1211	1538
Total Acre Feet	11,324.											

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DISCHARGE IN SECOND FEET, WHITE HORSE CREEK—1924  
Sec. 5, Twp. 13, Rge. 29 W.

Date	* Jan.	Feb.	Mar.	Apr.	May	June	July	* Aug.	Sept.	Oct.	Nov.	Dec.
1	25	25	28	35	14	17	10	5	4	4	10	13
2	25	25	28	35	14	17	10	5	4	4	10	13
3	25	25	28	35	14	17	10	5	4	4	10	13
4	25	25	28	35	14	17	10	5	4	4	10	13
5	25	25	28	35	14	17	10	5	4	4	10	13
6	25	25	28	35	14	17	10	5	4	4	10	13
7	25	25	28	35	14	17	10	5	4	4	10	13
8	25	25	28	35	14	17	10	5	4	4	10	13
9	25	25	28	35	14	17	10	5	4	4	10	13
10	25	25	28	35	14	17	10	5	4	4	10	13
11	25	25	31	25	14	17	10	5	4	4	10	13
12	25	25	31	25	14	17	10	5	4	4	10	13
13	25	25	31	25	14	17	10	5	4	4	10	13
14	25	25	31	25	14	17	10	5	4	4	10	13
15	25	25	31	25	14	17	10	5	4	4	10	13
16	25	25	31	25	14	17	5	5	4	4	10	13
17	25	25	31	25	14	17	5	5	4	4	10	13
18	25	25	31	25	14	17	5	5	4	4	10	13
19	25	25	31	25	14	17	5	5	4	4	10	13
20	25	25	31	25	14	17	5	5	4	4	10	13
21	25	28	44	17	14	17	5	5	4	4	10	13
22	25	28	44	17	14	17	5	5	4	4	10	13
23	25	28	44	17	14	17	5	5	4	4	10	13
24	25	28	44	17	14	17	5	5	4	4	10	13
25	25	28	44	17	14	17	5	5	4	4	10	13
26	25	28	44	17	14	17	5	5	4	4	10	13
27	25	28	44	17	14	17	5	5	4	4	10	13
28	25	28	44	17	14	17	5	5	4	4	10	13
29	25	28	44	17	14	17	5	5	4	4	10	13
30	25	.....	44	17	14	17	5	5	4	4	10	13
31	25	.....	44	.....	14	.....	5	5	.....	4	.....	13
Mean	25	26	35	26	14	17	7	5	4	4	10	13
Max.	25	28	44	35	14	17	10	5	4	4	10	13
Min.	25	25	28	17	14	17	5	5	4	4	10	13
A. F.	1537	1491	2130	1527	861	1011	456	307	238	246	595	799
Total Acre Feet	11,198.											

\*Estimated.

DISCHARGE IN SECOND FEET, WHITE HORSE CREEK—1925  
Sec. 5, Twp. 13, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
2	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
3	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
4	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
5	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
6	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
7	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
8	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
9	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
10	20	52	27	27	18.1	15.0	3.3	3.7	6.1	10.0	11.6	11.6
11	20	52	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
12	20	52	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
13	20	52	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
14	20	52	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
15	20	52	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
16	20	30	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
17	20	30	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
18	20	30	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
19	20	30	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
20	20	30	27	27	39.6	3.0	3.3	3.7	6.1	10.0	11.6	11.6
21	20	30	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
22	20	30	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
23	20	30	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
24	20	30	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
25	20	30	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
26	20	30	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
27	20	30	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
28	20	30	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
29	20	.....	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
30	20	.....	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
31	20	.....	27	27	15.0	.....	3.3	3.7	.....	10.0	.....	11.6
Mean	20	42	27	27	23.8	5.7	3.3	3.7	6.1	10.0	11.6	11.6
Max.	20	52	27	27	39.6	15.0	3.3	3.7	6.1	10.0	11.6	11.6
Min.	20	30	27	27	15.0	1.9	3.3	3.7	6.1	10.0	11.6	11.6
A. F.	1230	2320	1660	1606	1472	337	202	228	363	615	690	714
Total Acre Feet	11,437.											



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WHITE HORSE CREEK—1926  
Sec. 5, Twp. 13, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17	27	20	14	15	6	9	4	12	14	22	*
2	17	27	20	14	15	6	9	4	12	14	22	....
3	17	27	20	14	15	6	9	4	12	14	22	....
4	17	27	20	14	15	6	9	4	12	14	22	....
5	17	27	20	14	15	6	9	4	12	14	22	....
6	17	27	20	14	15	6	9	4	12	14	22	....
7	17	27	20	14	15	6	9	4	12	14	22	....
8	17	27	20	14	15	6	9	4	12	14	22	....
9	17	27	20	14	15	6	9	4	12	14	22	....
10	17	27	20	14	15	6	9	4	12	14	22	....
11	17	27	25	14	15	6	9	6	12	14	22	....
12	17	27	25	14	15	6	9	6	12	14	22	....
13	17	27	25	14	15	6	9	6	12	14	22	....
14	17	27	25	14	15	6	9	6	12	14	22	....
15	17	27	25	14	15	6	9	6	12	14	22	....
16	17	27	25	14	15	6	9	6	12	14	22	....
17	17	27	25	14	15	6	9	6	12	14	22	....
18	17	27	25	14	15	6	9	6	12	14	22	....
19	17	27	25	14	15	6	9	6	12	14	22	....
20	17	27	25	14	15	6	9	6	12	14	22	....
21	17	27	25	14	15	13	9	6	12	14	22	....
22	17	27	25	14	16	13	9	6	12	14	22	....
23	17	27	25	14	16	13	9	6	12	14	22	....
24	17	27	25	14	16	13	9	6	12	14	22	....
25	17	27	25	14	16	13	9	6	12	14	22	....
26	17	27	25	14	16	13	9	6	12	14	22	....
27	17	27	25	14	16	13	9	6	12	14	22	....
28	17	27	25	14	16	13	9	6	12	14	22	....
29	17	....	25	14	16	13	9	6	12	14	22	....
30	17	....	25	14	16	13	9	6	12	14	22	....
31	17	....	25	....	16	....	9	6	....	14	....	....
Mean	17	27	22	14	15	8	9	6	12	14	22	....
Max.	17	27	25	14	16	13	9	6	12	14	22	....
Min.	17	27	20	14	15	6	9	4	12	14	22	....
A. F.	1045	1499	1458	833	922	496	663	329	714	861	1309	....

\*No Record.

DISCHARGE IN SECOND FEET, WHITE HORSE CREEK—1927  
Sec. 5, Twp. 13, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	19	26	10	10	8	6	11	12	18
2	....	....	....	19	26	10	10	8	6	11	12	18
3	....	....	....	19	26	10	10	8	6	11	12	18
4	....	....	....	19	26	10	10	8	6	11	12	18
5	....	....	....	19	26	10	10	8	6	11	12	18
6	....	....	....	19	26	10	10	8	6	11	12	18
7	....	....	....	19	26	10	10	8	6	11	12	18
8	....	....	....	19	26	10	10	8	6	11	12	18
9	....	....	....	19	26	10	10	8	6	11	12	18
10	....	....	....	19	26	10	10	8	6	11	12	18
11	....	....	....	19	12	10	7	8	6	14	12	18
12	....	....	....	19	12	10	7	8	6	14	12	18
13	....	....	....	19	12	10	7	8	6	14	12	18
14	....	....	....	19	12	10	7	8	6	14	12	18
15	....	....	....	19	12	10	7	8	6	14	12	18
16	....	....	....	132	12	10	7	10	6	14	12	18
17	....	....	....	132	12	10	7	10	6	14	12	18
18	....	....	....	132	12	10	7	10	6	14	12	18
19	....	....	....	132	12	10	7	10	6	14	12	18
20	....	....	....	132	12	10	7	10	6	14	12	18
21	....	....	....	26	12	10	7	10	6	12	19	18
22	....	....	....	26	12	10	7	10	6	12	19	18
23	....	....	....	26	12	10	7	10	6	12	19	18
24	....	....	....	26	12	10	7	10	6	12	19	18
25	....	....	....	26	12	10	7	10	6	12	19	18
26	....	....	....	26	12	10	7	10	6	12	19	18
27	....	....	....	26	12	10	7	10	6	12	19	18
28	....	....	....	26	12	10	7	10	6	12	19	18
29	....	....	....	26	12	10	7	10	6	12	19	18
30	....	....	....	26	12	10	7	10	6	12	19	18
31	....	....	....	....	12	....	7	10	....	12	....	18
Mean	....	....	....	40	16	10	8	9	6	12	14	18
Max.	....	....	....	132	26	10	10	10	6	14	19	18
Min.	....	....	....	19	12	10	7	8	6	11	12	18
A. F.	....	....	....	2370	1015	595	490	555	357	758	852	1106

\*No Record.

# HYDROGRAPHIC REPORT—1928

763

## DISCHARGE IN SECOND FEET, WHITE HORSE CREEK—1928 Sec. 5, Twp. 13, Rge. 29 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20	17	31	14	10	14	12	13	6	13	17	17
2	20	17	31	14	10	14	12	13	6	13	17	17
3	20	17	31	14	10	14	12	13	6	13	17	17
4	20	17	31	14	10	14	12	13	6	13	17	17
5	20	17	31	14	10	14	12	13	6	13	17	17
6	20	17	31	14	10	14	12	13	6	13	17	17
7	20	17	31	14	10	14	12	13	6	13	17	17
8	20	17	31	14	10	14	12	13	6	13	17	17
9	20	17	31	14	10	14	12	13	6	13	17	17
10	20	17	31	14	10	14	12	13	6	13	17	17
11	20	17	31	14	10	14	12	13	9	13	17	37
12	20	17	31	14	10	14	12	13	9	13	17	37
13	20	17	31	14	10	14	12	13	9	13	17	37
14	20	17	31	14	10	14	12	13	9	13	17	37
15	20	17	31	14	10	14	12	13	9	13	17	37
16	12	18	31	14	10	19	12	13	9	13	18	37
17	12	18	31	14	10	19	12	13	9	13	18	37
18	12	18	31	14	10	19	12	13	9	13	18	37
19	12	18	31	14	10	19	12	13	9	13	18	37
20	12	18	31	14	10	19	12	13	9	13	18	37
21	12	18	33	14	10	19	20	5	9	13	18	37
22	12	18	33	14	10	19	20	5	9	13	18	37
23	12	18	33	14	10	19	20	5	9	13	18	37
24	12	18	33	14	10	19	20	5	9	13	18	37
25	12	18	33	14	10	19	20	5	9	13	18	37
26	12	18	33	14	10	19	20	5	9	13	18	37
27	12	18	33	14	10	19	20	5	9	13	18	37
28	12	18	33	14	10	19	20	5	9	13	18	37
29	12	18	33	14	10	19	20	5	9	13	18	37
30	12	---	33	14	10	19	20	5	9	13	18	37
31	12	---	33	---	10	---	20	5	---	13	---	37
Mean	15	18	32	14	10	16	15	10	8	13	17	30
Max.	20	18	33	14	10	19	20	13	9	13	18	37
Min.	12	17	31	14	10	14	12	5	6	13	17	17
A. F.	952	1065	1950	833	615	982	912	625	476	799	1041	1878
Total Acre Feet	12,068.											

## DISCHARGE IN SECOND FEET, WHITE RIVER, MILITARY ROAD—1924 Sec. 3, Twp. 31, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	29	13	20	38	25	20	17	13	10	14	29	30
2	29	13	20	38	25	20	17	13	10	14	29	30
3	29	13	20	38	25	20	17	13	10	14	29	30
4	29	13	20	38	25	20	17	13	10	14	29	30
5	29	13	20	38	25	20	17	13	10	14	29	30
6	29	13	20	38	25	20	17	13	10	14	29	30
7	29	13	20	38	25	20	17	13	10	14	29	30
8	29	13	20	38	25	20	17	13	10	14	29	30
9	29	13	20	38	25	20	17	13	10	14	29	30
10	29	13	20	38	25	20	17	13	10	14	29	30
11	29	13	25	38	25	20	17	10	10	18	23	30
12	29	13	25	38	25	20	17	10	10	18	23	30
13	29	13	25	38	25	20	17	10	10	18	23	30
14	29	13	25	38	25	20	17	10	10	18	23	30
15	29	13	25	38	25	20	17	10	10	18	23	30
16	29	13	25	38	25	20	17	10	10	18	23	30
17	29	13	25	38	25	20	17	10	10	18	23	30
18	29	13	25	38	25	20	17	10	10	18	23	30
19	29	13	25	38	25	20	17	10	10	18	23	30
20	29	13	25	38	25	20	14	10	10	23	12	30
21	29	13	30	38	25	20	14	10	10	23	12	30
22	29	13	30	38	25	20	14	10	10	23	12	30
23	29	13	30	38	25	20	14	10	10	23	12	30
24	29	13	30	38	25	20	14	10	10	23	12	30
25	29	13	30	38	25	20	14	10	10	23	12	30
26	29	13	30	38	25	20	14	10	10	23	30	30
27	29	13	30	38	25	20	14	10	10	23	30	30
28	29	13	30	38	25	20	14	10	10	23	30	30
29	29	13	30	38	25	20	14	10	10	23	30	30
30	29	---	30	38	25	20	14	10	10	23	30	30
31	29	---	30	---	25	---	14	10	---	23	---	30
Mean	29	13	25	38	25	20	16	11	10	18	24	30
Max.	29	13	30	38	25	20	17	13	10	23	30	30
Min.	29	13	20	38	25	20	14	10	10	14	12	30
A. F.	1783	748	1547	2261	1537	1190	1016	674	595	1136	1448	654
Total Acre Feet	14,580.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WHITE RIVER, MILITARY ROAD—1923  
Sec. 3, Twp. 31, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	8.4	21.5	22.6	22.6
2	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	8.4	21.5	22.6	22.6
3	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	8.4	21.5	22.6	22.6
4	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	8.4	21.5	22.6	22.6
5	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	8.4	21.5	22.6	22.6
6	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	10.9	21.5	22.6	22.6
7	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	10.9	21.5	22.6	22.6
8	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	10.9	21.5	22.6	22.6
9	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	10.9	21.5	22.6	22.6
10	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	10.9	21.5	22.6	22.6
11	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
12	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
13	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
14	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
15	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
16	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
17	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
18	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
19	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
20	25.5	31.7	25.2	27.1	23.5	18.0	20.0	11.5	10.9	21.5	22.6	22.6
21	25.5	31.7	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
22	25.5	31.7	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
23	25.5	31.7	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
24	25.5	31.7	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
25	25.5	31.7	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
26	25.5	31.7	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
27	25.5	31.7	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
28	25.5	31.7	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
29	25.5	.....	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
30	25.5	.....	25.2	27.1	23.5	18.0	47.6	10.3	10.9	21.5	22.6	22.6
31	25.5	.....	25.2	.....	23.5	.....	47.6	10.3	.....	21.5	.....	22.6
Mean	25.5	31.7	25.2	27.1	23.5	18.0	29.8	10.4	10.8	21.5	22.6	22.6
Max.	25.5	31.7	25.2	27.1	23.5	18.0	47.6	11.5	10.9	21.5	22.6	22.6
Min.	25.5	31.7	25.2	27.1	23.5	18.0	20.0	9.4	8.4	21.5	22.6	22.6
A. F.	1567	1761	1549	1612	1446	1071	1833	639	644	1321	1345	1390
Total Acre Feet 16,178.												

DISCHARGE IN SECOND FEET, WHITE RIVER, MILITARY ROAD—1926  
Sec. 3, Twp. 31, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	26	26	29	29	27	20	20	20	19	26	26	26
2	26	26	29	29	27	20	20	20	19	26	26	26
3	26	26	29	29	27	20	20	20	19	26	26	26
4	26	26	29	29	27	20	20	20	19	26	26	26
5	26	26	29	29	27	20	20	20	19	26	26	26
6	26	26	29	29	27	20	20	20	19	26	26	26
7	26	26	29	29	27	20	20	20	19	26	26	26
8	26	26	29	29	27	20	20	20	19	26	26	26
9	26	26	29	29	27	20	20	20	19	26	26	26
10	26	26	29	29	27	20	20	20	19	26	26	26
11	26	26	28	29	21	20	20	30	19	26	26	26
12	26	26	28	29	21	20	20	40	19	26	26	26
13	26	26	28	29	21	20	20	50	19	26	26	26
14	26	26	28	29	21	20	20	40	19	26	26	26
15	26	26	28	29	21	20	20	30	19	26	26	26
16	26	26	28	29	21	20	20	20	19	26	26	26
17	26	26	28	29	21	20	20	20	19	26	26	26
18	26	26	28	29	21	20	20	20	19	26	26	26
19	26	26	28	29	21	20	20	20	19	26	26	26
20	26	26	28	29	21	20	20	20	19	26	26	26
21	26	26	28	29	21	20	20	20	19	26	26	26
22	26	26	28	29	21	20	20	20	19	26	26	26
23	26	26	28	29	21	20	20	20	19	26	26	26
24	26	26	28	29	21	20	20	20	19	26	26	26
25	26	26	28	29	21	20	20	20	19	26	26	26
26	26	26	28	29	21	20	20	20	19	26	26	26
27	26	26	28	29	21	20	20	20	19	26	26	26
28	26	26	28	29	21	20	20	20	19	26	26	26
29	26	.....	28	29	21	20	20	20	19	26	26	26
30	26	.....	28	29	21	20	20	20	19	26	26	26
31	26	.....	28	.....	21	.....	20	20	.....	26	.....	26
Mean	26	26	28	29	23	20	20	23	19	26	26	26
Max.	26	26	29	29	27	20	20	50	19	26	26	26
Min.	26	26	28	29	21	20	20	20	19	26	26	26
A. F.	1542	1444	1722	1726	1410	1190	1229	1408	1130	1598	1031	1598
Total Acre Feet 17,028.												



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WHITE RIVER NEAR CRAWFORD—1925  
Sec. 3, Twp. 31, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	61.7	23.3	28.0	0.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
2	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
3	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
4	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
5	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
6	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
7	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
8	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
9	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
10	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
11	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
12	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
13	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
14	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
15	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
16	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
17	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
18	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
19	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
20	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
21	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
22	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
23	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
24	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
25	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
26	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
27	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
28	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
29	61.7	.....	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
30	61.7	.....	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
31	61.7	.....	28.0	.....	8.0	.....	48.1	9.5	.....	25.3	.....	16.8
Mean	61.7	23.3	28.0	0.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
Max.	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
Min.	61.7	23.3	28.0	.6	8.0	23.8	48.1	9.5	1.5	25.3	16.8	16.8
A. F.	3794	1293	1666	36	492	1416	2957	583	89	1555	1000	1033
Total Acre Feet	15,914.											

DISCHARGE IN SECOND FEET, WHITE RIVER ABOVE WHITNEY PIPE LINE  
DIVERSION—1922  
Sec. 26, Twp. 32, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	35	38	43	48	33	19	13	11	19	20	21	22
2	35	38	43	48	32	19	13	11	19	20	21	22
3	35	38	44	48	31	19	13	11	19	20	21	22
4	35	39	44	47	30	18	13	12	19	20	21	22
5	35	39	44	47	29	18	13	12	19	20	21	22
6	35	39	44	47	29	18	13	13	19	20	21	22
7	35	39	44	47	28	17	13	13	19	20	21	23
8	35	39	44	47	27	16	13	13	19	20	21	23
9	35	40	45	46	26	17	12	14	19	20	21	24
10	35	40	45	46	25	17	12	14	19	21	21	24
11	35	40	45	45	25	17	12	14	19	21	22	24
12	35	40	45	45	25	17	12	15	19	21	22	24
13	35	40	45	44	24	17	12	15	19	21	22	25
14	35	41	45	44	24	16	12	15	19	21	22	25
15	35	41	45	43	24	16	12	16	19	21	22	25
16	35	41	46	43	23	16	12	16	19	21	22	25
17	35	41	46	42	23	16	12	16	19	21	22	25
18	35	41	46	42	23	15	12	17	19	21	22	26
19	35	41	46	41	22	15	12	17	19	21	22	26
20	36	42	46	41	22	15	12	17	19	21	22	27
21	36	42	47	40	22	15	12	18	20	21	22	27
22	36	42	47	39	22	15	12	18	20	21	22	27
23	36	42	47	38	21	14	12	18	20	21	22	28
24	37	42	47	37	21	14	11	19	20	21	22	28
25	37	42	47	36	21	14	11	19	20	21	22	28
26	37	43	47	35	20	14	11	19	20	21	22	29
27	37	43	47	35	20	14	11	19	20	21	22	29
28	37	43	47	34	20	13	11	19	20	21	22	29
29	38	.....	48	33	20	13	11	19	20	21	22	29
30	38	.....	48	33	19	13	11	19	20	21	22	30
31	38	.....	48	.....	19	.....	11	19	.....	21	.....	30
Mean	36	41	46	42	24	16	12	16	19	21	22	25
Max.	38	43	48	48	33	19	13	19	20	21	22	30
Min.	35	38	43	33	19	13	11	11	19	20	21	22
A. F.	1593	2253	2807	2501	1488	950	738	968	1150	1273	1280	1521
Total Acre Feet	18,531.											

**DISCHARGE IN SECOND FEET, WHITE RIVER ABOVE WHITNEY PIPE LINE  
DIVERSION—1928**

Sec. 26, Twp. 32, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	46	46	39	30	42	27	21	32	20	28	43	29
2	46	46	38	30	43	27	21	33	20	29	43	29
3	46	46	37	31	43	27	21	34	20	30	44	29
4	46	47	36	31	42	27	21	35	20	30	45	28
5	46	47	35	32	41	27	21	36	20	31	46	28
6	46	47	33	32	40	26	19	38	19	32	47	28
7	46	47	32	32	40	26	19	37	19	32	47	28
8	46	48	31	33	39	26	19	36	19	32	48	28
9	46	48	30	33	39	26	19	34	19	33	49	28
10	46	48	29	34	38	26	19	33	19	33	50	27
11	46	48	28	34	37	25	18	32	18	33	51	27
12	46	48	26	34	36	25	18	31	18	34	50	27
13	46	48	25	35	35	25	18	30	18	34	48	27
14	46	49	24	35	35	25	18	29	18	34	46	27
15	46	49	23	36	34	25	18	27	19	35	44	27
16	46	49	23	36	32	24	17	26	19	35	43	26
17	46	49	24	37	33	24	17	25	20	35	41	26
18	46	50	24	37	32	25	17	24	20	35	39	26
19	46	50	24	37	31	24	17	24	21	36	38	26
20	46	50	25	38	30	24	18	24	21	36	36	26
21	46	49	25	38	30	23	19	23	22	36	35	26
22	46	48	26	38	24	23	20	23	23	37	33	26
23	46	47	26	39	29	23	21	23	24	37	31	26
24	46	45	27	39	29	23	23	23	24	37	30	26
25	46	44	27	40	29	23	24	23	25	37	30	26
26	46	43	27	40	29	22	25	21	25	38	30	25
27	46	42	28	40	29	22	26	21	26	38	29	25
28	46	41	28	41	28	22	27	21	27	40	28	25
29	46	---	28	41	28	22	28	21	27	40	29	25
30	46	---	27	42	28	22	30	21	28	41	29	25
31	46	---	29	---	28	---	31	21	---	42	---	25
Mean	46	47.1	28.6	35.8	34.1	24.5	20.9	27.7	21.2	34.8	40.1	26.7
Max.	46	50	39	42	43	27	31	38	28	42	51	29
Min.	46	41	23	30	28	22	19	21	18	28	29	26
A. F.	2828	2616	1757	2134	2101	1458	1289	1768	1265	2142	2386	1640
Total Acre Feet	23,324.											

**DISCHARGE IN SECOND FEET, WHITE RIVER ABOVE WHITNEY PIPE LINE  
DIVERSION—1928**

Sec. 26, Twp. 32, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30	30	30	32	10	8	8	10	19	18	28	28
2	30	30	30	32	10	8	8	10	19	18	28	28
3	30	30	30	32	10	8	8	10	19	18	28	28
4	30	30	30	32	10	8	8	10	19	18	28	28
5	30	30	30	32	28	8	8	10	19	18	28	28
6	30	30	30	32	28	8	8	10	19	18	28	28
7	30	30	30	32	28	8	8	10	19	18	28	28
8	30	30	30	32	28	8	8	10	19	18	28	28
9	30	30	30	32	28	8	8	10	19	18	28	28
10	30	30	30	32	28	8	8	10	19	18	28	28
11	30	30	30	32	28	8	8	10	19	18	28	28
12	30	30	30	32	28	8	8	10	19	18	28	28
13	30	30	30	32	28	8	8	10	19	18	28	28
14	30	30	30	32	28	8	8	10	19	18	28	28
15	30	30	30	32	28	8	8	10	19	18	28	28
16	30	30	30	32	25	8	8	10	19	18	28	28
17	30	30	30	32	25	8	8	10	19	18	28	28
18	30	30	30	32	25	8	8	10	19	18	28	28
19	30	30	30	32	25	8	8	10	19	18	28	28
20	30	30	30	32	25	8	8	10	19	18	28	28
21	30	30	29	32	25	8	8	10	19	18	28	28
22	30	30	29	32	25	8	8	10	19	18	28	28
23	30	30	29	32	25	8	8	10	19	18	28	28
24	30	30	29	32	25	8	8	10	19	18	28	28
25	30	30	29	32	25	8	8	10	19	18	28	28
26	30	30	29	32	9	8	8	10	19	18	28	28
27	30	30	29	32	9	8	8	10	19	18	28	28
28	30	30	29	10	9	8	8	10	19	18	28	28
29	30	---	29	10	9	8	8	10	19	18	28	28
30	30	---	29	10	9	8	8	10	19	18	28	28
31	30	---	29	---	9	---	8	10	---	18	---	28
Mean	30	30	29	29	21	8	8	10	19	18	28	28
Max.	30	30	30	32	28	8	8	10	19	18	28	28
Min.	30	30	29	10	9	8	8	10	19	18	28	28
A. F.	1844	1966	1822	1773	1293	476	492	615	1130	1106	1666	1721
Total Acre Feet	15,604.											



# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, WHITE RIVER BELOW WHITNEY PIPE LINE

### DIVERSION—1924

Sec. 26, Twp. 32, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	35	25	30	45	5	0	0	0	1	0	0	5
2	35	25	30	45	5	0	0	0	1	0	0	5
3	35	25	30	45	5	0	0	0	1	0	0	5
4	35	25	30	45	5	0	0	0	1	0	0	5
5	35	25	30	45	5	0	0	0	1	0	0	5
6	35	25	30	45	2	0	0	0	0	0	0	5
7	35	25	30	45	2	0	0	0	0	0	0	5
8	35	25	30	45	2	0	0	0	0	0	0	5
9	35	25	30	45	2	0	0	0	0	0	0	5
10	35	25	30	45	2	0	0	0	0	0	0	5
11	45	25	35	45	0	0	0	0	0	0	0	10
12	45	25	35	45	0	0	0	0	0	0	0	10
13	45	25	35	45	0	0	0	0	0	0	0	10
14	45	25	35	45	0	0	0	0	0	0	0	10
15	45	25	35	45	0	0	0	0	0	0	0	10
16	45	25	35	45	0	0	0	0	0	0	0	10
17	45	25	35	45	0	0	0	0	0	0	0	10
18	45	25	35	45	0	0	0	0	0	0	0	10
19	45	25	35	45	0	0	0	0	0	0	0	10
20	45	25	35	45	0	0	0	0	0	0	0	10
21	50	25	40	45	0	0	0	0	0	0	0	15
22	50	25	40	20	0	0	0	0	0	0	0	15
23	50	25	40	20	0	0	0	0	0	0	0	15
24	50	25	40	20	0	0	0	0	0	0	0	15
25	50	25	40	20	0	0	0	0	0	0	0	15
26	50	25	40	10	0	0	0	1	0	0	0	15
27	50	25	40	10	0	0	0	1	0	0	0	15
28	50	25	40	10	0	0	0	1	0	0	0	15
29	50	25	40	10	0	0	0	1	0	0	0	15
30	50	---	40	10	0	0	0	1	0	0	0	15
31	50	---	40	---	0	---	---	1	---	---	---	15
Mean	43	25	35	35	1	0	0	0	0	0	0	10
Max.	50	25	40	45	5	0	0	1	1	0	0	15
Min.	35	25	30	10	0	0	0	0	0	0	0	5
A. F.	2678	1438	2162	2082	69	0	0	12	10	0	0	625
Total Acre Feet 9,076.												

## DISCHARGE IN SECOND FEET, WHITE RIVER BELOW WHITNEY PIPE LINE

### DIVERSION—1927

Sec. 20, Twp. 32, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	37	0	46	45	40	35	22	29	30	41	30
2	---	37	0	46	45	40	35	22	29	30	41	30
3	---	37	0	46	45	40	35	22	29	30	41	30
4	---	37	0	46	45	40	35	22	29	30	41	30
5	---	37	0	46	45	40	35	22	29	30	41	30
6	---	37	0	46	45	40	35	22	29	30	41	30
7	---	37	0	46	45	40	35	22	29	30	41	30
8	---	37	0	46	45	40	35	22	29	30	41	30
9	---	37	0	46	45	40	35	22	29	30	41	30
10	---	37	0	46	45	40	35	22	29	30	41	30
11	---	37	0	46	45	40	35	22	29	30	41	30
12	---	37	0	46	45	40	35	22	29	30	41	30
13	---	37	0	46	45	40	35	22	29	30	41	30
14	---	37	0	46	45	40	35	22	29	30	41	30
15	---	37	0	46	45	40	35	22	29	30	41	30
16	---	37	0	46	45	40	35	22	29	30	41	30
17	---	37	0	46	45	40	35	22	29	30	41	30
18	---	37	0	46	45	40	35	22	29	30	41	30
19	---	37	0	46	45	40	35	22	29	30	41	30
20	---	37	0	46	45	40	35	22	29	30	41	30
21	---	37	0	46	45	40	35	31	29	30	59	30
22	---	37	0	46	45	40	35	31	29	30	59	30
23	---	37	0	46	45	40	35	31	29	30	59	30
24	---	37	0	46	45	40	35	31	29	30	59	30
25	---	37	0	46	45	40	35	31	29	30	59	30
26	---	37	0	46	45	40	35	31	29	30	59	30
27	---	37	0	46	45	40	35	31	29	30	59	30
28	---	37	0	46	45	40	35	31	29	30	59	30
29	---	37	0	46	45	40	35	31	29	30	59	30
30	---	---	0	46	45	40	35	31	29	30	59	30
31	---	---	0	---	45	---	35	31	---	30	---	30
Mean	---	37	0	46	45	40	35	25	29	30	47	30
Max.	---	37	0	46	45	40	35	31	29	30	59	30
Min.	---	37	0	46	45	40	35	22	29	30	41	30
A. F.	---	2054	0	2737	2677	2380	2152	1549	1725	1844	2796	1844
*No Record.												



STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WHITE RIVER BELOW WHITNEY PIPE LINE  
DIVERSION—1928  
Sec. 26, Twp. 32, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	40	30	25	36	2	0	0	0	0	7	27	0
2	40	30	25	36	2	0	0	0	0	7	27	0
3	40	30	25	36	2	0	0	0	0	7	27	0
4	40	30	25	36	2	0	0	0	0	7	27	0
5	40	30	25	36	2	0	0	0	0	7	27	0
6	40	30	10	36	2	0	0	0	0	7	27	0
7	40	30	10	36	2	0	0	0	0	7	27	0
8	40	30	10	36	2	0	0	0	0	7	27	0
9	40	30	10	36	2	0	0	0	0	7	27	0
10	40	30	10	36	2	0	0	0	0	7	27	0
11	40	30	10	36	2	0	0	0	0	7	27	0
12	40	30	10	36	2	0	0	0	0	7	27	0
13	40	30	10	36	2	0	0	0	0	7	27	0
14	40	30	10	36	2	0	0	0	0	7	27	0
15	40	30	10	36	2	0	0	0	0	7	27	0
16	0	30	10	16	2	0	0	0	0	7	0	0
17	0	30	10	16	2	0	0	0	0	7	0	0
18	0	30	10	16	2	0	0	0	0	7	0	0
19	0	30	10	16	2	0	0	0	0	7	0	0
20	0	30	10	16	2	0	0	0	0	7	0	0
21	10	30	35	16	2	0	0	0	0	7	0	0
22	10	30	35	16	2	0	0	0	0	7	0	0
23	10	30	35	16	2	0	0	0	0	7	0	0
24	10	30	35	16	2	0	0	0	0	7	0	0
25	10	30	35	16	2	0	0	0	0	7	0	0
26	30	30	35	16	2	0	0	0	0	7	0	0
27	30	30	35	16	2	0	0	0	0	7	0	0
28	30	30	35	16	2	0	0	0	0	7	0	0
29	30	30	35	16	2	0	0	0	0	7	0	0
30	30	30	35	16	2	0	0	0	0	7	0	0
31	30	30	35	16	2	0	0	0	0	7	0	0
Mean	27	30	21	26	2	0	0	0	0	7	13	0
Max.	40	30	35	36	2	0	0	0	0	7	27	0
Min.	0	30	10	16	2	0	0	0	0	7	0	0
A. F.	1646	1726	1309	1547	123	0	0	0	0	430	803	0
Total Acre Feet	7,584.											

DISCHARGE IN SECOND FEET, WHITE RIVER NEAR WHITNEY—1925  
Sec. 1, Twp. 32, Rge. 51 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
2	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
3	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
4	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
5	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
6	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
7	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
8	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
9	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
10	15	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	2.4	6.6	6.6
11	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
12	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
13	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
14	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
15	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
16	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
17	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
18	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
19	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
20	10	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	14.0	6.6	6.6
21	5	5.1	3.2	3.0	2.3	3.2	3.2	3.0	2.4	27.3	6.6	6.6
22	5	5.1	3.2	3.0	2.3	3.2	3.2	3.0	2.4	27.3	6.6	6.6
23	5	5.1	3.2	3.0	2.3	3.2	3.2	3.0	2.4	27.3	6.6	6.6
24	5	5.1	3.2	3.0	2.3	3.2	3.2	3.0	2.4	27.3	6.6	6.6
25	5	5.1	3.2	3.0	2.3	3.2	3.2	3.0	2.4	27.3	6.6	6.6
26	5	5.1	3.2	3.0	2.3	3.2	3.2	3.0	2.4	27.3	6.6	6.6
27	5	5.1	3.2	3.0	2.3	3.2	3.2	3.0	2.4	27.3	6.6	6.6
28	5	5.1	3.2	3.0	2.3	3.2	20.0	3.0	2.4	27.3	6.6	6.6
29	5	5.1	3.2	3.0	2.3	3.2	86.3	3.0	2.4	27.3	6.6	6.6
30	5	5.1	3.2	3.0	2.3	3.2	40.0	3.0	2.4	27.3	6.6	6.6
31	5	5.1	3.2	3.0	2.3	3.2	20.0	3.0	2.4	27.3	6.6	6.6
Mean	10	5.1	3.2	3.0	1.6	3.2	8.2	3.0	2.4	27.3	6.6	6.6
Max.	15	5.1	3.2	3.0	2.3	3.2	86.3	3.0	2.4	15.0	6.6	6.6
Min.	5	5.1	3.2	3.0	1.3	3.2	3.2	3.0	2.4	27.3	6.6	6.6
A. F.	605	284	196	178	191	190	504	184	143	920	363	407
Total Acre Feet	4,105.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, WHITE RIVER WEST OF CHADRON—1924  
Sec. 18, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	†Dec.
1	*	*	*	73	25	20	7	1	0	3	5	9
2	—	—	—	73	25	20	7	1	0	3	5	9
3	—	—	—	73	25	20	7	1	0	3	5	9
4	—	—	—	73	25	20	7	1	0	3	5	9
5	—	—	—	73	25	20	7	1	0	3	5	9
6	—	—	—	73	25	20	7	1	0	3	5	9
7	—	—	—	73	25	20	7	1	0	3	5	9
8	—	—	—	73	25	20	7	1	0	3	5	9
9	—	—	—	73	25	20	7	1	0	3	5	9
10	—	—	—	73	25	20	7	1	0	3	5	9
11	—	—	—	73	25	13	4	1	0	3	5	9
12	—	—	—	73	25	13	4	1	0	3	5	9
13	—	—	—	73	25	13	4	1	0	3	5	9
14	—	—	—	73	25	13	4	1	0	3	5	9
15	—	—	—	73	25	13	4	1	0	3	5	9
16	—	—	—	73	25	13	4	1	0	3	5	9
17	—	—	—	73	25	13	4	1	0	3	5	9
18	—	—	—	73	25	13	4	1	0	3	5	9
19	—	—	—	73	25	13	4	1	0	3	5	9
20	—	—	—	73	25	13	4	1	0	3	5	9
21	—	—	—	45	25	10	3	0	2	3	9	9
22	—	—	—	45	25	10	3	0	2	3	9	9
23	—	—	—	45	25	10	3	0	2	3	9	9
24	—	—	—	45	25	10	3	0	2	3	9	9
25	—	—	—	45	25	10	3	0	2	3	9	9
26	—	—	—	45	25	10	3	0	2	3	9	9
27	—	—	—	45	25	10	3	0	2	3	9	9
28	—	—	—	45	25	10	3	0	2	3	9	9
29	—	—	—	45	25	10	3	0	2	3	9	9
30	—	—	—	45	25	10	3	0	2	3	9	9
31	—	—	—	—	25	—	3	0	—	3	—	9
Mean	—	—	—	62	25	14	5	1	1	3	6	9
Max.	—	—	—	73	25	20	7	1	2	3	9	9
Min.	—	—	—	45	25	10	3	0	0	3	5	9
A. F.	—	—	—	3689	1537	853	284	40	40	185	377	553

\*No Record.  
†Estimated.

DISCHARGE IN SECOND FEET, WHITE RIVER WEST OF CHADRON—1925  
Sec. 18, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
2	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
3	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
4	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
5	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
6	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
7	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
8	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
9	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
10	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
11	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
12	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
13	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
14	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
15	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
16	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
17	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
18	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
19	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
20	1.9	12.2	12.4	12.4	6.9	14.5	15.0	6.7	6.4	28.2	14.5	14.5
21	1.9	12.2	12.4	7.0	11.5	14.5	15.0	6.7	6.4	28.2	14.5	14.5
22	1.9	12.2	12.4	7.0	11.5	14.5	15.0	6.7	6.4	28.2	14.5	14.5
23	1.9	12.2	12.4	7.0	11.5	14.5	15.0	6.7	6.4	28.2	14.5	14.5
24	1.9	12.2	12.4	7.0	11.5	14.5	15.0	6.7	6.4	28.2	14.5	14.5
25	1.9	12.2	12.4	7.9	11.5	14.5	15.0	6.7	6.4	28.2	14.5	14.5
26	1.9	12.2	12.4	7.0	11.5	14.5	15.0	6.7	6.4	28.2	14.5	14.5
27	1.9	12.2	12.4	7.0	11.5	14.5	100.0	6.7	6.4	28.2	14.5	14.5
28	1.9	12.2	12.4	7.0	11.5	14.5	268.8	6.7	6.4	28.2	14.5	14.5
29	1.9	—	12.4	7.0	11.5	14.5	134.0	6.7	6.4	28.2	14.5	14.5
30	1.9	—	12.4	7.0	11.5	14.5	25.0	6.7	6.4	28.2	14.5	14.5
31	1.9	—	12.4	—	11.5	—	10.0	6.7	—	28.2	—	14.5
Mean	1.9	12.2	12.4	10.3	8.5	14.5	29.0	6.7	6.4	28.2	14.5	14.5
Max.	1.9	12.2	12.4	12.4	11.5	14.5	268.8	6.7	6.4	28.2	14.5	14.5
Min.	1.0	12.2	12.4	7.0	6.9	14.5	10.0	6.7	6.4	28.2	14.5	14.5
A. F.	117	678	762	631	524	863	1840	412	381	1733	863	892

Total Acre Feet 9,696.



# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, WHITE RIVER WEST OF CHADRON—1928 Sec. 18, Twp. 33, Rge. 49 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	18	83	79	50	33	83	17	24	5	28	20	11
2	18	83	79	50	33	83	17	24	5	28	20	11
3	18	83	79	50	33	83	17	24	5	28	20	11
4	18	83	79	50	33	83	17	24	5	28	20	11
5	18	83	79	50	33	83	17	24	5	28	20	11
6	18	83	79	50	33	83	17	24	5	28	20	11
7	18	83	79	50	33	83	17	24	5	28	20	11
8	18	83	79	50	33	83	17	24	5	28	20	11
9	18	83	79	50	33	83	17	24	5	28	20	11
10	18	83	79	50	33	83	17	24	5	28	20	11
11	18	83	79	50	33	83	17	24	5	28	20	11
12	18	83	79	50	33	83	17	24	5	28	20	11
13	18	83	79	50	33	83	17	24	5	28	20	11
14	18	83	79	50	33	83	17	24	5	28	20	11
15	18	83	79	50	33	83	17	24	5	28	20	11
16	18	83	79	50	33	83	17	24	5	28	20	11
17	18	83	79	50	33	83	17	24	5	28	20	11
18	18	83	79	50	33	83	17	24	5	28	20	11
19	18	83	79	50	33	83	17	24	5	28	20	11
20	18	83	79	50	33	83	17	24	5	28	20	11
21	18	83	79	50	33	83	17	24	5	28	20	11
22	18	83	79	50	33	83	17	24	5	28	20	11
23	18	83	79	50	33	83	17	24	5	28	20	11
24	18	83	79	50	33	83	17	24	5	28	20	11
25	18	83	79	50	33	83	17	24	5	28	20	11
26	18	83	79	50	33	83	17	24	5	28	20	11
27	18	83	79	50	33	83	17	24	5	28	20	11
28	18	83	79	50	33	83	17	24	5	28	20	11
29	18	83	79	50	33	83	17	24	5	28	20	11
30	18	---	79	50	33	83	17	24	5	28	20	11
31	18	---	79	---	33	---	17	24	---	28	---	11
Mean	18	83	79	50	33	83	17	24	5	28	20	11
Max.	18	83	79	50	33	83	17	24	5	28	20	11
Min.	18	83	79	50	33	83	17	24	5	28	20	11
A. F.	1107	4938	4837	2975	2029	4939	1045	1476	297	1722	1190	676
Total Acre Feet	27,251.											

## DISCHARGE IN SECOND FEET, WHITE TAIL CREEK—1922 Sec. 36, Twp. 15, Rge. 38 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	25	25	25	25	24	30	20	18	8	10	4	14
2	25	25	25	25	24	28	20	18	10	9	5	14
3	25	25	25	25	24	27	21	18	11	9	5	14
4	25	25	25	25	24	26	21	18	12	8	5	15
5	25	25	25	25	24	25	21	18	13	8	6	15
6	25	25	25	25	25	24	21	18	14	8	6	16
7	25	25	25	25	25	23	21	18	15	8	6	16
8	25	25	25	25	25	22	21	18	17	8	6	17
9	25	25	25	25	25	21	21	18	19	7	7	17
10	25	25	25	25	25	20	21	18	20	7	7	18
11	25	25	25	25	26	19	20	17	21	7	8	18
12	25	25	25	25	26	18	20	17	22	7	8	19
13	25	25	25	25	26	17	20	16	24	6	8	19
14	25	25	25	25	26	16	20	15	25	6	8	19
15	25	25	25	25	26	15	20	14	26	6	9	19
16	25	25	25	25	28	14	20	13	27	6	9	19
17	25	25	25	25	28	13	20	12	26	6	9	20
18	25	25	25	25	28	12	20	11	25	5	10	20
19	25	25	25	25	28	11	20	11	22	5	10	21
20	25	25	25	25	28	10	20	10	20	4	11	21
21	25	25	25	25	29	11	20	9	19	4	11	21
22	25	25	25	25	29	12	20	9	18	4	12	21
23	25	25	25	25	29	13	20	8	16	4	12	22
24	25	25	25	25	29	14	20	8	14	3	13	22
25	25	25	25	25	29	15	20	7	12	3	13	23
26	25	25	25	25	30	16	19	7	10	3	13	23
27	25	25	25	25	30	17	19	7	10	3	13	23
28	25	25	25	25	30	18	19	6	10	3	13	23
29	25	---	25	25	30	19	19	6	10	3	13	23
30	25	---	25	25	30	19	19	6	10	3	13	24
31	25	---	25	25	30	19	19	6	10	4	14	25
Mean	25	25	25	24.8	28	18.1	20	12.7	16.8	5.7	9.1	19.4
Max.	25	25	25	25	30	30	21	18	27	10	14	25
Min.	25	25	25	24	10	19	6	8	3	4	14	14
A. F.	1537	1388	1537	1477	1666	1081	1233	785	1003	353	543	1196
Total Acre Feet	13,799.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WHITE TAIL CREEK—1923  
Sec. 36, Twp. 15, Rge. 38 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	25	25	27	28	32	30	20	32	17	27	30	25
2	25	25	27	28	32	30	20	32	17	27	30	25
3	25	25	27	28	32	30	20	32	17	27	30	25
4	25	25	27	28	32	30	20	32	17	27	30	25
5	25	25	27	28	32	30	20	32	17	27	30	25
6	25	25	27	28	32	30	20	32	17	27	30	25
7	25	25	27	28	32	30	20	32	17	27	30	25
8	25	25	27	28	32	30	20	32	17	27	30	25
9	25	25	27	28	32	30	20	32	17	27	30	25
10	25	25	27	28	32	30	20	32	17	27	30	25
11	25	25	26	30	32	24	20	32	17	27	30	25
12	25	25	26	30	32	24	20	32	17	27	30	25
13	25	25	26	30	32	24	20	32	17	27	30	25
14	25	25	26	30	32	24	20	32	17	27	30	25
15	25	25	26	30	32	24	20	32	17	27	30	25
16	25	25	26	30	32	24	20	32	17	27	30	25
17	25	25	26	30	32	24	20	32	17	27	30	25
18	25	25	26	30	32	24	20	32	17	27	30	25
19	25	25	26	30	32	24	20	32	17	27	30	25
20	25	25	26	30	32	24	20	32	17	27	30	25
21	25	25	24	30	32	27	18	26	17	27	30	25
22	25	25	24	30	32	27	18	26	17	30	30	25
23	25	25	24	30	32	27	18	26	17	30	30	25
24	25	25	24	30	32	27	18	26	17	30	30	25
25	25	25	24	30	32	27	18	26	17	30	30	25
26	25	25	24	30	32	27	18	26	17	30	30	25
27	25	25	24	30	32	27	18	26	17	30	30	25
28	25	25	24	30	32	27	18	26	17	30	30	25
29	25	---	24	30	32	27	18	26	17	30	30	25
30	25	---	24	30	32	27	18	26	17	30	30	25
31	25	---	24	---	32	---	18	26	---	30	---	25
Mean	25	25	26.6	29.3	32	27	18.6	29.8	17	28.1	30	25
Max.	25	25	27	30	32	30	20	32	17	30	30	25
Min.	25	25	24	28	32	24	18	26	17	27	30	25
A. F.	1487	1388	1575	1745	1968	1666	1146	1833	1011	1725	1785	1537
Total Acre Feet	18,869.											

DISCHARGE IN SECOND FEET, WHITE TAIL CREEK—1924  
Sec. 36, Twp. 15, Rge. 38 W.

Date	* Jan.	Feb.	* Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	26	26	26	30	20	15	15	19	10	21	33	32
2	26	26	26	30	20	15	15	19	10	21	33	32
3	26	26	26	30	20	15	15	19	10	21	33	32
4	26	26	26	30	20	15	15	19	10	21	33	32
5	26	26	26	30	20	15	15	19	10	21	33	32
6	26	26	26	30	10	15	15	19	10	21	33	32
7	26	26	26	30	10	15	15	19	10	21	33	32
8	26	26	26	30	10	15	15	19	10	21	33	32
9	26	26	26	30	10	15	15	19	10	21	33	32
10	26	26	26	30	10	15	15	19	10	21	33	32
11	26	26	26	32	6	25	15	14	15	27	33	32
12	26	26	26	32	6	25	15	14	15	27	33	32
13	26	26	26	32	6	25	15	14	15	27	33	32
14	26	26	26	32	6	25	15	14	15	27	33	32
15	26	26	26	32	6	25	15	14	15	27	33	32
16	26	26	26	32	6	25	15	14	15	27	33	32
17	26	26	26	32	6	25	15	14	15	27	33	32
18	26	26	26	32	6	25	15	14	15	27	33	32
19	26	26	26	32	6	25	15	14	15	27	33	32
20	26	26	26	32	6	25	15	14	15	27	33	32
21	26	26	30	32	6	20	10	10	10	20	33	32
22	26	26	30	32	6	20	10	10	10	20	33	32
23	26	26	30	32	6	20	10	10	10	20	33	32
24	26	26	30	32	6	20	10	10	10	20	33	32
25	26	26	30	32	6	20	10	10	10	20	33	32
26	26	26	30	32	6	20	10	10	10	20	33	32
27	26	26	30	32	6	20	10	10	10	20	33	32
28	26	26	30	32	6	20	10	10	10	20	33	32
29	26	26	30	32	6	20	10	10	10	20	33	32
30	26	---	30	32	6	20	10	10	10	20	33	32
31	26	---	30	---	6	---	10	10	---	33	---	32
Mean	26	26	27	31	9	20	13	14	15	28	33	32
Max.	26	26	30	32	20	25	15	19	20	33	33	32
Min.	26	26	26	30	6	15	10	10	10	21	33	32
A. F.	1599	1495	1686	1864	547	1190	813	873	893	1672	1964	1967
Total Acre Feet	16,563.											

\*Estimated.

# HYDROGRAPHIC REPORT—1928

775

## DISCHARGE IN SECOND FEET, WHITE TAIL CREEK—1925 Sec. 36, Twp. 15, Rge. 88 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	32	31	36	36	31	19	13	20	23	30	38	35
2	32	31	36	36	31	19	13	20	23	30	38	35
3	32	31	36	36	31	19	13	20	23	30	38	35
4	32	31	36	36	31	19	13	20	23	30	38	35
5	32	31	36	36	31	19	13	20	23	30	38	35
6	32	31	36	36	31	19	13	20	23	30	38	35
7	32	31	36	36	31	19	13	20	23	30	38	35
8	32	31	36	36	31	19	13	20	23	30	38	35
9	32	31	36	36	31	19	13	20	23	30	38	35
10	32	31	36	36	31	19	13	20	23	30	38	35
11	32	31	36	36	31	19	18	20	23	30	38	35
12	32	31	36	36	31	19	18	20	23	30	38	35
13	32	31	36	36	31	19	18	20	23	30	38	35
14	32	31	36	36	31	19	18	20	23	30	38	35
15	32	31	36	36	31	19	18	20	23	30	38	35
16	32	31	36	36	31	19	18	20	23	30	38	35
17	32	31	36	36	31	19	18	20	23	30	38	35
18	32	31	36	36	31	19	18	20	23	30	38	35
19	32	31	36	36	31	19	18	20	23	30	38	35
20	32	31	36	36	31	19	18	20	23	30	38	35
21	32	31	36	36	31	16	13	27	23	30	38	35
22	32	31	36	36	31	16	13	27	23	30	38	35
23	32	31	36	36	31	16	13	27	23	30	38	35
24	32	31	36	36	31	16	13	27	23	30	38	35
25	32	31	36	36	31	16	13	27	23	30	38	35
26	32	31	36	36	31	16	13	27	23	30	38	35
27	32	31	36	36	31	16	13	27	23	30	38	35
28	32	31	36	36	31	16	13	27	23	30	38	35
29	32	----	36	36	31	16	13	27	23	30	38	35
30	32	----	36	36	31	16	13	27	23	30	38	35
31	32	----	36	----	31	----	13	27	23	30	----	35
Mean	32	31	36	36	31	18	15	22	23	30	38	35
Max.	32	31	36	36	31	19	18	27	23	30	38	35
Min.	32	31	36	36	31	16	13	20	23	30	38	35
A. F.	1968	1721	2213	2142	1906	1071	898	1382	1368	1844	2261	2152
Total Acre Feet	20,926.											

## DISCHARGE IN SECOND FEET, WHITE TAIL CREEK—1926 Sec. 36, Twp. 15, Rge. 88 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	34	31	30	36	29	8.2	10	17	20	30	35	35
2	34	31	30	36	29	8.2	10	17	20	30	35	35
3	34	31	30	36	29	8.2	10	17	20	30	35	35
4	34	31	30	36	29	8.2	10	17	20	30	35	35
5	34	31	30	36	29	8.2	10	17	20	30	35	35
6	34	31	30	36	29	8.2	10	17	20	30	35	35
7	34	31	30	36	29	8.2	10	17	20	30	35	35
8	34	31	30	36	29	8.2	10	17	20	30	35	35
9	34	31	30	36	29	8.2	10	17	20	30	35	35
10	34	31	30	36	29	8.2	10	17	20	30	35	35
11	34	31	30	36	29	8.2	10	17	20	30	35	35
12	34	31	30	36	29	8.2	10	17	20	30	35	35
13	34	31	30	36	29	8.2	10	17	20	30	35	35
14	34	31	30	36	29	8.2	10	17	20	30	35	35
15	34	31	30	36	29	8.2	10	17	20	30	35	35
16	34	31	30	36	29	8.2	10	17	20	30	35	35
17	34	31	30	36	29	8.2	10	17	20	30	35	35
18	34	31	30	36	29	8.2	10	17	20	30	35	35
19	34	31	30	36	29	8.2	10	17	20	30	35	35
20	34	31	30	36	29	8.2	10	17	20	30	35	35
21	34	31	30	30	29	8.2	10	17	27	30	35	35
22	34	31	30	30	29	8.2	10	17	27	30	35	35
23	34	31	30	30	29	8.2	10	17	27	30	35	35
24	34	31	30	30	29	8.2	10	17	27	30	35	35
25	34	31	30	30	29	8.2	10	17	27	30	35	35
26	34	31	30	30	29	8.2	10	17	27	30	35	35
27	34	31	30	30	29	8.2	10	17	27	30	35	35
28	34	31	30	30	29	8.2	10	17	27	30	35	35
29	34	----	30	30	29	8.2	10	17	27	30	35	35
30	34	----	30	30	29	8.2	10	17	27	30	35	35
31	34	----	30	----	29	-----	10	17	27	30	35	35
Mean	34	31	30	34	29	8.2	10	17	22	30	35	35
Max.	34	31	30	36	29	8.2	10	17	27	30	35	35
Min.	34	31	30	30	29	8.2	10	17	20	30	35	35
A. F.	2091	1523	1845	2023	1783	488	605	1045	1280	1845	2063	2152
Total Acre Feet	18,772.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WHITE TAIL CREEK—1927  
Sec. 36, Twp. 15, Rge. 38 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	29	25	32	6	35	25	25	37	36
2	---	---	---	29	25	32	6	35	25	25	37	36
3	---	---	---	29	25	32	6	35	25	25	37	36
4	---	---	---	29	25	32	6	35	25	25	37	36
5	---	---	---	29	25	32	6	35	25	25	37	36
6	---	---	---	29	25	32	6	35	25	25	37	36
7	---	---	---	29	25	32	6	35	25	25	37	36
8	---	---	---	29	25	32	6	35	25	25	37	36
9	---	---	---	29	25	32	6	35	25	25	37	36
10	---	---	---	29	25	32	6	35	25	25	37	36
11	---	---	---	29	25	32	6	35	25	27	37	36
12	---	---	---	29	25	32	6	35	25	27	37	36
13	---	---	---	29	25	32	6	35	25	27	37	36
14	---	---	---	29	25	32	6	35	25	27	37	36
15	---	---	---	29	25	32	6	35	25	27	37	36
16	---	---	---	36	29	20	6	35	25	27	37	36
17	---	---	---	36	29	20	6	35	25	27	37	36
18	---	---	---	36	29	20	6	35	25	27	37	36
19	---	---	---	36	29	20	6	35	25	27	37	36
20	---	---	---	36	29	20	6	35	25	27	37	36
21	---	---	---	36	29	20	6	35	25	27	37	36
22	---	---	---	36	29	20	6	35	25	30	37	36
23	---	---	---	36	29	20	6	35	25	30	37	36
24	---	---	---	36	29	20	6	35	25	30	37	36
25	---	---	---	36	29	20	6	35	25	30	37	36
26	---	---	---	36	29	20	6	35	25	30	37	36
27	---	---	---	36	29	20	6	35	25	30	37	36
28	---	---	---	36	29	20	6	35	25	30	37	36
29	---	---	---	36	29	20	6	35	25	30	37	36
30	---	---	---	36	29	20	6	35	25	30	37	36
31	---	---	---	36	29	20	6	35	25	30	37	36
Mean	---	---	---	32	27	25	6	35	25	27	37	36
Max.	---	---	---	36	29	32	6	35	25	30	37	36
Min.	---	---	---	29	25	20	6	35	25	25	37	36
A. F.	---	---	---	2005	1864	1547	369	2063	1488	1686	2201	2213
*No Record.	---	---	---	---	---	---	---	---	---	---	---	---

DISCHARGE IN SECOND FEET, WHITE TAIL CREEK—1928  
Sec. 36, Twp. 15, Rge. 38 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	40	36	37	33	27	27	46	26	23	26	28	29
2	40	36	37	33	27	27	46	26	23	26	28	29
3	40	36	37	33	27	27	46	26	23	26	28	29
4	40	36	37	33	27	27	46	26	23	26	28	29
5	40	36	37	33	27	27	46	26	23	26	28	29
6	40	36	37	33	27	27	46	26	23	26	28	29
7	40	36	37	33	27	27	46	26	23	26	28	29
8	40	36	37	33	27	27	46	26	23	26	28	29
9	40	36	37	33	27	27	46	26	23	26	28	29
10	40	36	37	33	27	27	46	26	23	26	28	29
11	40	36	37	33	27	27	46	26	23	26	28	29
12	40	36	37	33	27	27	46	26	23	26	28	29
13	40	36	37	33	27	27	46	26	23	26	28	29
14	40	36	37	33	27	27	46	26	23	26	28	29
15	40	36	37	33	27	27	46	26	23	26	28	29
16	40	37	38	33	27	36	46	26	22	26	32	29
17	40	37	38	33	27	36	46	26	22	26	32	29
18	40	37	38	33	27	36	46	26	22	26	32	29
19	40	37	38	33	27	36	46	26	22	26	32	29
20	40	37	38	33	27	36	46	26	22	26	32	29
21	32	37	38	33	27	36	46	26	22	26	32	29
22	32	37	38	33	27	36	46	26	22	26	32	29
23	32	37	38	33	27	36	46	26	22	26	32	29
24	32	37	38	33	27	36	46	26	22	26	32	29
25	32	37	38	33	27	36	46	26	22	26	32	29
26	32	37	38	33	27	36	46	31	22	26	32	29
27	32	37	38	33	27	36	46	31	22	26	32	29
28	32	37	38	33	27	36	46	31	22	26	32	29
29	32	37	38	33	27	36	46	31	22	26	32	29
30	32	37	38	33	27	36	46	31	22	26	32	29
31	32	37	38	33	27	36	46	31	22	26	32	29
Mean	37	36	38	33	27	30	46	27	22	26	30	29
Max.	40	37	38	33	27	36	46	31	23	26	32	29
Min.	32	36	37	33	27	27	46	26	22	26	28	29
A. F.	2285	2098	2307	1964	1607	1874	2828	1658	1339	1599	1785	1783
Total Acre Feet	23,127.											

# HYDROGRAPHIC REPORT—1928

777

## DISCHARGE IN SECOND FEET, WHITEMANS FORK—1925

Sec. 22, Twp. 6, Rge. 30 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.8	2.4	1.7	1.2	3.8	2.0	0.5	0.3	0.9	1.1	0.8	0.8
2	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
3	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
4	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
5	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
6	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
7	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
8	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
9	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
10	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
11	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
12	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
13	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
14	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
15	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
16	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
17	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
18	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
19	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
20	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	1.3	1.1	.8	.8
21	1.8	2.4	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
22	1.8	2.4	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
23	1.8	2.4	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
24	1.8	2.4	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
25	1.8	2.4	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
26	1.8	2.4	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
27	1.8	2.4	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
28	1.8	2.4	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
29	1.8	-----	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
30	1.8	-----	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
31	1.8	-----	1.7	-----	3.8	-----	.5	.3	-----	1.1	-----	.8
Mean	1.8	2.4	1.7	1.2	3.8	2.8	0.5	0.3	1.1	1.1	0.8	0.8
Max.	1.8	2.4	1.7	1.2	3.8	4.6	.5	.3	1.3	1.1	.8	.8
Min.	1.8	2.4	1.7	1.2	3.8	2.0	.5	.3	.9	1.1	.8	.8
A. F.	111	133	105	71	234	171	30	18	70	67	48	50
Total Acre Feet	1,108.											

## DISCHARGE IN SECOND FEET, WHITEMANS FORK—1926

Sec. 22, Twp. 6, Rge. 30 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	1	1	2	1	0.6	0.4	1	1	0.7	1	*
2	2	1	1	2	1	.6	.4	1	1	.7	1	---
3	2	1	1	2	1	.6	.4	1	1	.7	1	---
4	2	1	1	2	1	.6	.4	1	1	.7	1	---
5	2	1	1	2	1	.6	.4	1	1	.7	1	---
6	2	1	1	2	1	.6	.4	1	1	.7	1	---
7	2	1	1	2	1	.6	.4	1	1	.7	1	---
8	2	1	1	2	1	.6	.4	1	1	.7	1	---
9	2	1	1	2	1	.6	.4	1	1	.7	1	---
10	2	1	1	2	1	.6	.4	1	1	.7	1	---
11	2	1	1	2	1	.6	.4	1	1	.7	1	---
12	2	1	1	2	1	.6	.4	1	1	.7	1	---
13	2	1	1	2	1	.6	.4	1	1	.7	1	---
14	2	1	1	2	1	.6	.4	1	1	.7	1	---
15	2	1	1	2	1	.6	.4	1	1	.7	1	---
16	2	1	1	2	1	.6	.4	1	1	.7	1	---
17	2	1	1	2	1	.6	.4	1	1	.7	1	---
18	2	1	1	2	1	.6	.4	1	1	.7	1	---
19	2	1	1	2	1	.6	.4	1	1	.7	1	---
20	2	1	1	2	1	.6	.4	1	1	.7	1	---
21	2	1	1	2	1	.6	.4	1	1	.7	1	---
22	2	1	1	2	1	.6	.4	1	1	.7	1	---
23	2	1	1	2	1	.6	.4	1	1	.7	1	---
24	2	1	1	2	1	.6	.4	1	1	.7	1	---
25	2	1	1	2	1	.6	.4	1	1	.7	1	---
26	2	1	1	2	1	.6	.4	1	1	.7	1	---
27	2	1	1	2	1	.6	.4	1	1	.7	1	---
28	2	1	1	2	1	.6	.4	1	1	.7	1	---
29	2	---	1	2	1	.6	.4	1	1	.7	1	---
30	2	---	1	2	1	.6	.4	1	1	.7	1	---
31	2	---	1	---	1	-----	.4	1	---	.7	---	---
Mean	2	1	1	2	1	0.6	0.4	1	1	0.7	1	---
Max.	2	1	1	2	1	.6	.4	1	1	.7	1	---
Min.	2	1	1	2	1	.6	.4	1	1	.7	1	---
A. F.	120	55	60	119	60	36	24	60	59	44	59	---
*No Record.												



## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WILD HORSE DRAIN—1920  
Sec. 12, Twp. 20, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	39	35	35	53	53	53	60	59	53	90	57	51
2	39	35	35	53	53	53	58	63	53	88	57	51
3	39	35	35	53	53	53	58	58	53	86	58	51
4	39	35	35	53	53	53	63	58	53	84	58	51
5	39	35	35	53	53	53	63	53	53	82	58	51
6	40	35	37	55	55	55	60	53	53	80	58	51
7	40	35	37	53	53	58	60	53	53	78	58	51
8	40	35	37	53	53	58	60	53	53	76	58	50
9	40	35	37	53	53	55	55	53	53	74	58	50
10	40	35	37	53	53	53	53	53	53	73	58	49
11	39	35	39	53	53	53	53	53	55	72	57	48
12	39	35	39	53	53	53	53	53	53	70	57	47
13	39	35	39	50	58	53	53	53	55	68	56	45
14	39	35	39	58	53	53	53	53	50	66	55	45
15	39	35	39	53	53	53	69	50	53	66	55	45
16	39	34	41	53	53	53	60	50	53	65	55	44
17	39	34	41	53	53	63	55	53	53	64	54	44
18	39	34	41	53	53	74	63	53	53	63	54	43
19	39	34	41	53	53	90	53	50	55	61	53	43
20	39	34	41	53	53	79	55	50	55	60	53	43
21	38	34	42	53	53	74	53	50	58	58	52	42
22	38	34	42	53	53	79	53	53	58	57	51	42
23	38	34	41	53	53	62	58	53	63	56	51	42
24	38	34	41	53	53	63	74	53	63	56	51	42
25	38	34	41	53	53	58	63	50	63	56	51	41
26	37	35	39	53	53	55	53	53	53	56	51	41
27	37	35	38	53	53	70	53	53	53	56	51	40
28	37	35	36	53	53	74	53	53	53	56	51	40
29	37	35	34	53	53	74	90	53	53	56	51	40
30	37	.....	33	53	53	63	85	53	55	57	51	39
31	37	.....	33	.....	53	.....	63	53	.....	57	.....	39
Mean	39	35	38	53	53	62	60	54	54	67	55	45
Max.	40	35	42	55	58	90	90	69	63	90	58	51
Min.	37	34	33	50	52	53	53	50	53	56	51	39
A. F.	2374	1993	2340	3152	3259	3669	3671	3184	3143	4035	3251	2770
Total Acre Feet	36,850.											

DISCHARGE IN SECOND FEET, WILD HORSE DRAIN—1921  
Sec. 12, Twp. 20, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	38	37	37	31	31	47	43	65	79	71	51	46
2	38	37	37	31	31	48	41	66	79	70	50	45
3	38	37	37	31	31	48	40	67	79	68	50	45
4	38	37	37	31	31	49	38	68	79	66	50	45
5	38	37	37	31	31	50	37	69	79	65	49	45
6	38	37	37	31	31	50	37	70	79	63	49	44
7	38	37	37	30	31	51	38	71	79	61	48	44
8	38	37	37	30	31	52	39	72	79	60	48	44
9	38	37	36	30	31	52	40	72	79	60	48	44
10	38	37	36	30	31	53	41	73	79	59	48	44
11	38	35	36	30	32	54	43	73	79	59	48	43
12	38	36	36	30	32	55	44	74	79	59	48	43
13	38	36	35	30	33	56	45	74	79	58	48	43
14	38	36	35	30	34	56	46	74	79	58	48	43
15	38	36	35	30	35	57	47	74	79	58	47	43
16	37	36	34	30	36	58	48	75	79	57	47	43
17	37	36	34	30	37	58	49	75	79	57	47	43
18	37	36	34	30	37	59	50	75	79	56	47	42
19	37	36	33	30	38	60	51	76	79	56	47	41
20	37	36	33	30	39	60	52	76	79	56	47	39
21	37	36	33	30	39	59	53	76	79	55	47	39
22	37	36	33	30	40	57	54	76	79	55	47	38
23	37	36	33	30	41	55	55	77	79	55	46	38
24	37	36	32	30	41	54	56	77	79	54	46	37
25	37	36	32	30	42	52	57	77	79	54	46	37
26	37	36	32	30	43	51	58	77	80	53	46	36
27	37	37	32	31	44	49	59	78	78	53	46	36
28	37	37	32	31	44	47	60	78	76	53	46	35
29	37	.....	32	31	45	46	61	78	74	52	46	35
30	37	.....	31	31	46	45	63	79	73	52	46	35
31	37	.....	31	.....	46	.....	64	79	.....	51	.....	35
Mean	37	36	33	30	36	53	49	74	75	58	47	41
Max.	38	37	37	31	46	60	64	79	80	71	51	46
Min.	37	36	31	30	31	45	37	65	73	51	46	35
A. F.	2305	2023	2041	1805	2249	3150	2993	4544	5070	3578	2830	2519
Total Acre Feet	35,107.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, WILD HORSE DRAIN—1922  
Sec. 12, Twp. 20, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	33	36	32	33	31	47	55	60	65	63	57	51
2	36	36	32	33	31	47	55	60	65	63	57	51
3	36	36	32	33	31	48	55	60	65	63	57	51
4	36	36	31	33	31	48	55	60	65	62	57	51
5	35	36	31	33	31	49	55	60	65	62	56	51
6	36	36	31	34	31	50	56	60	65	62	56	51
7	36	36	31	34	31	50	56	60	65	62	56	50
8	36	36	31	34	32	50	56	61	65	62	56	50
9	36	35	31	34	33	51	56	61	65	62	56	50
10	36	35	31	34	33	51	56	61	65	61	55	50
11	36	35	31	34	34	52	56	61	65	61	55	52
12	36	35	31	34	34	52	56	61	65	61	55	53
13	36	35	31	34	35	52	57	61	66	61	55	53
14	36	35	31	33	36	52	57	61	66	60	55	55
15	36	35	31	33	36	52	57	62	66	60	54	55
16	36	34	31	33	37	52	57	62	66	60	54	54
17	33	34	31	33	38	53	57	62	66	60	54	54
18	36	34	31	33	38	53	57	62	65	60	54	53
19	36	34	31	33	39	53	58	62	65	60	54	52
20	35	34	31	33	39	53	58	62	65	59	54	52
21	36	33	31	33	40	53	58	62	65	59	53	51
22	36	33	31	33	40	53	58	62	65	59	53	51
23	36	33	31	32	41	53	58	63	64	59	53	50
24	36	33	31	32	42	54	58	63	64	59	53	50
25	36	33	31	32	42	54	59	63	64	59	53	49
26	36	33	32	32	43	54	59	63	64	58	52	48
27	36	33	32	32	44	54	59	63	64	58	52	48
28	36	32	32	32	44	54	59	63	63	58	52	48
29	36	....	32	32	45	54	57	64	63	58	52	48
30	36	....	32	32	45	55	59	64	63	58	52	48
31	36	....	32	....	46	....	59	64	....	57	....	48
Mean	35	34	31	34	37	51	57	62	65	60	54	51
Max.	33	36	32	34	46	55	59	64	66	63	57	55
Min.	36	32	31	32	31	47	55	60	63	57	52	48
A. F.	2214	1914	1924	2027	2287	3033	3511	3794	3856	3701	3237	3130
Total Acre Feet	34,658.											

DISCHARGE IN SECOND FEET, WILD HORSE DRAIN—1923  
Sec. 12, Twp. 20, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	41	30	33	29	28	25	62	55	69	54	51	46
2	41	39	33	29	28	25	63	54	68	54	51	46
3	41	39	33	29	28	25	64	53	68	54	51	46
4	41	38	33	29	27	25	65	50	67	54	51	46
5	41	38	33	29	27	25	66	49	67	53	51	46
6	41	37	33	29	26	25	66	47	66	53	50	46
7	41	37	33	29	26	25	67	45	66	53	50	46
8	41	37	33	29	26	25	67	44	65	53	50	46
9	41	36	33	29	25	25	68	43	64	53	50	46
10	41	36	33	29	25	25	68	41	64	53	50	46
11	41	35	32	29	25	25	69	40	63	52	49	46
12	41	35	32	29	25	25	69	38	62	52	49	46
13	41	34	32	29	25	25	69	37	61	52	49	46
14	41	34	32	29	25	25	68	36	61	52	49	46
15	41	34	32	29	25	25	68	35	60	52	49	46
16	41	33	31	30	25	30	68	34	59	52	48	46
17	41	33	31	30	25	30	67	34	59	52	48	46
18	41	33	31	30	25	40	67	34	58	52	48	46
19	41	33	31	30	25	40	67	34	57	52	48	46
20	41	33	31	30	25	52	66	34	57	52	48	46
21	41	33	30	30	25	53	66	35	57	52	47	46
22	41	33	30	30	25	54	65	35	56	52	47	46
23	41	33	30	30	25	55	65	35	56	52	47	46
24	41	33	30	30	25	56	64	36	55	52	47	46
25	41	33	30	30	25	57	64	40	55	52	47	46
26	40	33	29	29	25	58	62	50	55	51	46	46
27	40	33	29	29	25	59	62	60	54	51	46	46
28	40	33	29	29	25	60	61	68	54	51	46	46
29	40	....	29	29	25	60	59	69	54	51	46	45
30	40	....	29	29	25	61	58	69	54	51	46	46
31	40	....	29	....	25	....	56	69	....	51	....	46
Mean	40	35	31	29	26	38	66	45	60	52	49	46
Max.	41	39	33	30	28	61	69	69	69	54	51	46
Min.	40	33	29	29	25	25	56	34	54	51	46	46
A. F.	2509	1938	1922	1745	1569	2261	3999	2733	3592	3213	2886	2828
Total Acre Feet	31,245.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WILD HORSE DRAIN—1924  
Sec. 12, Twp. 20, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	36	32	33	32	28	37	51	92	95	90	74	54
2	36	32	33	32	28	38	52	94	98	90	72	54
3	36	33	33	33	27	39	53	96	100	90	71	54
4	36	34	32	33	26	39	54	98	99	89	70	54
5	36	34	32	33	26	40	54	100	99	89	69	54
6	36	34	32	33	26	40	55	102	98	89	68	54
7	36	34	32	33	26	41	55	104	98	89	67	54
8	36	34	31	33	27	41	56	106	97	88	66	54
9	36	34	31	34	38	42	57	104	97	88	65	54
10	36	34	31	34	28	42	57	102	97	88	64	54
11	36	35	31	33	28	42	58	102	97	87	63	54
12	36	35	31	33	29	43	59	101	96	87	62	54
13	36	35	31	33	29	43	60	100	96	86	61	54
14	36	35	30	33	30	44	61	99	95	86	60	54
15	36	35	30	33	30	44	62	98	95	86	59	54
16	34	35	30	32	30	45	63	97	95	85	58	54
17	34	35	30	32	31	46	64	96	95	84	57	54
18	34	34	30	32	31	46	65	95	94	83	56	54
19	34	34	30	31	32	47	66	94	94	82	56	54
20	34	34	30	31	32	47	67	93	94	82	56	54
21	34	34	31	29	33	47	67	92	93	82	56	54
22	34	34	31	29	34	48	68	91	93	81	56	54
23	34	34	31	29	34	48	69	90	92	81	56	54
24	34	34	31	29	35	49	70	89	92	80	56	54
25	34	34	31	29	36	49	72	88	91	80	56	54
26	34	33	32	28	35	49	75	87	91	80	56	54
27	34	33	32	28	36	49	78	86	91	79	56	54
28	34	33	32	28	36	50	81	86	90	78	56	54
29	34	33	32	28	36	50	83	89	90	78	56	54
30	34	---	32	28	37	51	86	90	90	77	56	54
31	34	---	32	---	37	---	88	93	---	76	---	54
Mean	35	34	31	31	31	45	65	95	94	84	59	54
Max.	36	35	33	34	37	51	88	106	100	90	74	54
Min.	34	32	30	28	26	37	51	86	90	76	56	54
A. F.	2150	1951	2122	1950	1904	2650	3979	5859	5617	5177	3527	3320
Total Acre Feet	40,206.											

DISCHARGE IN SECOND FEET, WILD HORSE DRAIN—1925  
Sec. 12, Twp. 20, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	47	49	50	40	25	32	80	80	75	100	65	59
2	47	49	50	40	25	32	80	80	75	100	65	59
3	47	49	50	40	25	32	80	80	75	100	65	59
4	47	49	50	40	25	32	80	80	75	100	65	59
5	47	49	50	40	25	32	80	80	75	100	65	59
6	47	49	50	40	25	32	80	80	75	100	65	59
7	47	49	50	40	25	32	80	80	75	100	65	59
8	47	49	50	40	25	32	80	80	75	100	65	59
9	47	49	50	40	25	32	80	80	75	100	65	59
10	47	49	50	40	25	32	80	80	75	100	65	59
11	47	49	50	30	25	48	80	72	90	71	65	59
12	47	49	50	30	25	48	80	72	90	71	65	59
13	47	49	50	30	25	48	80	72	90	71	65	59
14	47	49	50	30	25	48	80	72	90	71	65	59
15	47	49	50	30	25	48	80	72	90	71	65	59
16	47	49	50	30	25	48	80	72	90	71	65	59
17	47	49	50	30	25	48	80	72	90	71	65	59
18	47	49	50	30	25	48	80	72	90	71	65	59
19	47	49	50	30	25	48	80	72	90	71	65	59
20	47	49	50	30	25	48	80	72	90	71	65	59
21	47	49	42	23	25	95	80	72	135	71	65	59
22	47	49	42	23	25	95	80	72	135	71	65	59
23	47	49	42	23	25	95	80	72	135	71	65	59
24	47	49	42	23	25	95	80	72	135	71	65	59
25	47	49	42	23	25	95	80	72	135	71	65	59
26	47	49	42	23	25	95	85	72	135	71	65	59
27	47	49	42	23	25	95	85	72	135	71	65	59
28	47	49	42	23	25	95	85	72	135	71	65	59
29	47	---	42	23	25	95	85	72	135	71	65	59
30	47	---	42	23	25	95	85	72	135	71	65	59
31	47	---	42	---	25	---	85	72	---	71	---	59
Mean	47	49	47	31	25	58	81	77	100	80	65	59
Max.	47	49	50	40	25	95	85	80	135	100	65	59
Min.	47	49	42	23	25	32	80	72	75	71	65	59
A. F.	2890	2721	2900	1845	1537	3471	4978	4586	5950	4941	3868	3628
Total Acre Feet	43,315.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, WILD HORSE DRAIN—1926 Sec. 12, Twp. 20, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	42	44	34	26	21	80	32	90	75	77	55	50
2	42	44	34	26	21	80	32	90	75	77	55	50
3	42	44	34	26	21	80	32	90	75	77	55	50
4	42	44	34	26	21	80	32	90	75	77	55	50
5	42	44	34	26	21	80	32	90	75	77	55	50
6	42	44	34	26	21	80	32	90	75	77	55	50
7	42	44	34	26	21	80	32	90	75	77	55	50
8	42	44	34	26	21	80	32	90	75	77	55	50
9	42	44	34	26	21	80	32	90	75	77	55	50
10	42	44	34	26	21	80	32	90	75	77	55	50
11	42	44	34	26	22	80	32	90	75	77	55	50
12	42	44	34	26	22	80	32	90	75	77	55	50
13	42	44	34	26	22	80	32	90	75	77	55	50
14	42	44	34	26	22	80	32	90	75	77	55	50
15	42	44	34	26	22	80	32	90	75	77	55	50
16	42	44	34	26	22	41	32	90	75	77	55	50
17	42	44	34	26	22	41	32	90	75	77	55	50
18	42	44	34	26	22	41	32	90	75	77	55	50
19	42	44	34	26	22	41	32	90	75	77	55	50
20	42	44	34	26	22	41	32	90	75	77	55	50
21	42	44	34	26	22	41	68	85	75	77	55	50
22	42	44	34	26	22	41	68	85	75	77	55	50
23	42	44	34	26	22	41	68	85	75	77	55	50
24	42	44	34	26	22	41	68	85	75	77	55	50
25	42	44	34	26	22	41	68	85	75	77	55	50
26	42	44	34	26	22	41	68	85	75	77	55	50
27	42	44	34	26	22	41	68	85	75	77	55	50
28	42	44	34	26	22	41	68	85	75	77	55	50
29	42	---	34	26	22	41	68	85	75	77	55	50
30	42	---	34	26	22	41	68	85	75	77	55	50
31	42	---	34	---	22	---	68	85	---	77	---	50
Mean	42	44	34	26	21	61	45	88	75	77	55	50
Max.	42	44	34	26	22	80	68	90	75	77	55	50
Min.	42	44	34	26	21	41	32	85	75	77	55	50
A. F.	2582	2444	2071	1547	1353	3600	2753	5425	4463	4635	3273	3074
Total Acre Feet	37,220.											

## DISCHARGE IN SECOND FEET, WILD HORSE DRAIN—1927 Sec. 12, Twp. 20, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	35	34	38	37	33	48	82	178	129	71	68	54
2	35	34	38	37	33	48	82	178	129	71	68	54
3	35	34	38	37	33	48	82	178	129	71	68	54
4	35	34	38	37	33	48	82	178	129	71	68	54
5	35	34	38	37	33	48	82	178	129	71	68	54
6	35	34	38	37	33	48	82	178	129	71	68	54
7	35	34	38	37	33	48	82	178	129	71	68	54
8	35	34	38	37	33	48	82	178	129	71	68	54
9	35	34	38	37	33	48	82	178	129	71	68	54
10	35	34	38	37	33	48	82	178	129	71	68	54
11	35	34	38	37	33	48	82	178	129	71	68	54
12	35	34	38	37	33	48	82	178	129	71	68	54
13	35	34	38	37	33	48	82	178	129	71	68	54
14	35	34	38	37	33	48	82	178	129	71	68	54
15	35	34	38	37	33	48	82	178	129	71	68	54
16	32	34	34	37	32	48	82	178	129	71	68	54
17	32	34	34	37	32	48	82	178	129	71	68	54
18	32	34	34	37	32	48	82	178	129	71	68	54
19	32	34	34	37	32	48	82	178	129	71	68	54
20	32	34	34	37	32	48	82	178	129	71	68	54
21	32	34	34	37	32	48	82	178	129	71	60	54
22	32	34	34	37	32	48	82	178	129	71	60	54
23	32	34	34	37	32	48	82	178	129	71	60	54
24	32	34	34	37	32	48	82	178	129	71	60	54
25	32	34	34	37	32	48	82	178	129	71	60	54
26	32	34	34	37	32	48	82	178	129	71	60	54
27	32	34	34	37	32	48	82	178	129	71	60	54
28	32	34	34	37	32	48	82	178	129	71	60	54
29	32	---	34	37	32	48	82	178	129	71	60	54
30	32	---	34	37	32	48	82	178	129	71	60	54
31	32	---	34	---	32	---	82	178	---	71	---	54
Mean	33	34	36	37	33	48	82	178	129	71	65	54
Max.	35	34	38	37	33	48	82	178	129	71	68	54
Min.	32	34	34	37	32	48	82	178	129	71	60	54
A. F.	2057	1888	2210	2204	1997	2856	4932	10835	7566	4366	3887	3320
Total Acre Feet	48,118.											

## STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WILD HORSE DRAIN—1928  
Sec. 12, Twp. 20, Rge. 52 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	37	39	34	28	23	135	55	85	79	83	96	41
2	37	39	34	28	23	135	55	85	79	83	96	41
3	37	39	34	28	23	135	55	85	79	83	96	41
4	37	39	34	28	23	135	55	85	79	83	96	41
5	37	39	34	28	23	135	55	85	79	83	96	41
6	37	39	34	28	23	135	56	85	79	83	96	41
7	37	39	34	28	23	135	56	85	79	83	96	41
8	37	39	34	28	23	135	56	85	79	83	96	41
9	37	39	34	28	23	135	56	85	79	83	96	41
10	37	39	34	28	23	135	56	85	79	83	96	41
11	37	39	34	29	23	135	56	85	79	83	96	41
12	37	39	34	29	23	135	56	85	79	83	96	41
13	37	39	34	29	23	135	56	85	79	83	96	41
14	37	39	34	29	23	135	56	85	79	83	96	41
15	37	39	34	29	23	135	56	85	79	83	96	41
16	37	39	34	29	34	61	56	62	79	83	96	42
17	37	39	34	29	34	61	56	62	79	83	96	42
18	37	39	34	29	34	61	56	62	79	83	96	42
19	37	39	34	29	34	61	56	62	79	83	96	42
20	37	39	34	29	34	61	56	62	79	83	96	42
21	37	39	34	29	34	61	56	62	79	83	96	42
22	37	39	34	29	34	61	56	62	79	83	96	42
23	37	39	34	29	34	61	56	62	79	83	96	42
24	37	39	34	29	34	61	56	62	79	83	96	42
25	37	39	34	29	34	61	56	62	79	83	96	42
26	37	39	34	29	34	61	56	62	79	83	96	42
27	37	39	34	29	34	61	56	62	79	83	96	42
28	37	39	34	29	34	61	56	62	79	83	96	42
29	37	39	34	29	34	61	56	62	79	83	96	42
30	37	---	34	29	34	61	56	62	79	83	96	42
31	37	---	34	---	34	---	56	62	---	83	---	42
Mean	37	39	34	29	28	98	56	73	79	83	79	42
Max.	37	39	34	29	34	135	56	85	79	83	96	42
Min.	37	39	34	28	23	61	56	62	79	83	49	41
A. F.	2275	2343	2011	1796	1753	5831	3443	4496	4701	5103	4877	2553
Total Acre Feet	41,072.											

DISCHARGE IN SECOND FEET, WILLOW CREEK—1928  
Sec. 15, Twp. 14, Rge. 35 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2	3	2	1	1	1	1	1	1	2	2	2
2	2	3	2	1	1	1	1	1	1	2	2	2
3	2	3	2	1	1	1	1	1	1	2	2	2
4	2	3	2	1	1	1	1	1	1	2	2	2
5	2	3	2	1	1	1	1	1	1	2	2	2
6	2	3	2	1	1	1	1	1	1	2	2	2
7	2	3	2	1	1	1	1	1	1	2	2	2
8	2	3	2	1	1	1	1	1	1	2	2	2
9	2	3	2	1	1	1	1	1	1	2	2	2
10	2	3	2	1	1	1	1	1	1	2	2	2
11	2	3	2	1	1	1	1	1	1	2	2	2
12	2	3	2	1	1	1	1	1	1	2	2	2
13	2	3	2	1	1	1	1	1	1	2	2	2
14	2	3	2	1	1	1	1	1	1	2	2	2
15	2	3	2	1	1	1	1	1	1	2	2	2
16	2	3	2	1	1	1	1	2	1	2	2	2
17	2	3	2	1	1	1	1	2	1	2	2	2
18	2	3	2	1	1	1	1	2	1	2	2	2
19	2	3	2	1	1	1	1	2	1	2	2	2
20	2	3	2	1	1	1	1	2	1	2	2	2
21	2	3	2	1	1	1	1	2	1	2	2	2
22	2	3	2	1	1	1	1	2	1	2	2	2
23	2	3	2	1	1	1	1	2	1	2	2	2
24	2	3	2	1	1	1	1	2	1	2	2	2
25	2	3	2	1	1	1	1	2	1	2	2	2
26	2	3	2	1	1	1	1	2	1	2	2	2
27	2	3	2	1	1	1	1	2	1	2	2	2
28	2	3	2	1	1	1	1	2	1	2	2	2
29	2	3	2	1	1	1	1	2	1	2	2	2
30	2	---	2	1	1	1	1	2	1	2	2	2
31	2	---	2	---	1	---	---	2	---	2	---	2
Mean	2	3	2	1	1	2	1	2	---	2	---	2
Max.	2	3	2	1	1	2	2	2	1	2	2	2
Min.	2	3	2	1	1	1	1	2	1	2	2	2
A. F.	123	113	123	59	61	89	63	61	59	123	119	123
Total Acre Feet	1,116.											

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1919

Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	76	67	59	51	42	43	68	74	83	81	86	84
2	76	67	59	51	44	44	68	74	84	81	86	84
3	75	66	58	51	46	45	68	74	84	81	85	84
4	75	66	58	49	48	45	69	74	84	81	85	*
5	75	66	58	49	49	47	69	74	82	81	84	---
6	75	66	58	49	49	41	69	75	81	81	84	---
7	74	65	57	48	50	48	69	75	80	81	84	---
8	73	65	57	47	52	49	70	75	78	81	84	---
9	73	65	57	46	53	49	70	75	78	82	84	---
10	73	65	57	46	55	50	70	75	79	82	84	---
11	73	65	56	46	55	50	70	75	80	84	84	---
12	73	64	56	45	57	51	70	75	81	85	84	---
13	72	64	56	44	55	51	70	75	82	86	84	---
14	72	63	55	43	51	51	71	76	84	88	84	---
15	72	63	55	43	45	51	71	76	85	89	84	---
16	72	63	55	43	44	51	71	76	87	89	84	---
17	71	63	55	42	43	52	71	76	88	90	84	---
18	71	63	54	42	42	52	71	76	89	90	84	---
19	70	62	54	41	41	52	71	76	91	90	84	---
20	70	62	54	40	40	52	71	76	92	90	84	---
21	70	62	54	40	40	52	72	76	93	90	84	---
22	70	62	53	40	40	52	72	76	94	90	84	---
23	69	62	53	39	40	52	72	76	94	90	84	---
24	69	61	52	39	40	53	73	72	94	89	84	---
25	69	61	52	39	40	54	73	70	92	88	84	---
26	68	60	52	39	40	55	74	74	90	88	84	---
27	68	59	52	40	40	58	74	75	88	88	84	---
28	67	59	51	40	41	61	74	77	86	87	84	---
29	67	---	51	41	41	65	74	79	83	87	84	---
30	67	---	51	42	41	68	74	81	81	87	84	---
31	67	---	51	---	---	42	---	74	82	---	86	---
Mean	71.4	63.4	54.8	43.8	45.5	51.6	71.6	75.5	85.6	85.9	84.2	84
Max.	76	67	59	51	57	68	74	82	94	90	86	84
Min.	67	59	51	40	40	43	68	74	78	81	84	84
A. F.	4388	3396	3172	2608	2795	3068	4394	4628	5081	5271	5010	500

\*No Record.

## DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1929

Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	59	56	49	51	49	32	34	40	12	60	63	57
2	59	55	49	51	61	29	38	68	22	61	62	57
3	59	54	49	51	61	19	40	68	12	61	61	56
4	59	53	49	50	61	17	36	45	14	62	60	56
5	59	52	49	50	61	14	32	45	18	63	59	55
6	59	51	50	50	56	17	30	36	14	63	58	55
7	59	50	50	50	56	43	34	49	14	63	57	54
8	59	50	50	49	56	45	28	40	22	63	56	54
9	59	49	50	49	54	49	36	59	14	64	56	53
10	59	48	50	49	61	49	32	49	14	64	56	52
11	59	48	50	49	61	22	25	49	22	64	56	52
12	59	48	50	45	61	19	29	45	22	64	56	51
13	59	48	50	49	54	22	22	45	22	65	56	51
14	59	48	51	49	54	29	25	30	18	65	56	51
15	64	48	51	42	61	29	17	23	14	66	57	50
16	67	48	51	49	58	12	22	26	18	66	57	50
17	67	48	51	51	58	22	19	18	22	66	57	50
18	67	48	51	51	54	32	22	14	22	67	57	50
19	66	48	51	51	49	22	25	14	22	67	57	50
20	66	48	51	49	54	63	17	14	26	67	57	50
21	66	48	51	54	54	32	14	12	30	68	57	50
22	65	48	51	54	49	22	18	12	33	68	57	50
23	64	48	51	58	49	14	13	18	37	68	58	50
24	64	48	51	58	49	25	13	14	40	68	58	50
25	63	48	51	58	48	14	16	18	44	68	58	49
26	62	49	51	54	48	19	19	14	48	68	58	49
27	61	49	51	54	48	22	16	12	52	67	58	49
28	60	49	51	54	47	27	12	18	55	66	58	49
29	59	49	51	49	47	38	12	14	59	65	59	49
30	58	---	51	49	47	40	14	21	59	64	59	49
31	57	---	51	---	---	---	16	18	---	63	---	49
Mean	61	49	50	51	54	28	23	31	27	65	58	52
Max.	67	56	51	58	61	63	38	68	59	68	63	57
Min.	57	48	49	42	47	14	12	12	12	60	56	49
A. F.	3773	2944	3100	3029	3318	1668	1410	1884	1628	3995	3439	3166
Total Acre Feet	33,286.											

STATE OF NEBRASKA

DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1921  
Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	42	46	44	45	50	55	66	76	62	74	57	39
2	42	46	44	46	49	55	68	76	63	68	56	39
3	42	47	44	47	48	56	70	76	65	52	56	40
4	42	46	44	48	47	57	72	76	66	57	55	40
5	42	46	44	49	46	57	75	76	67	52	55	41
6	43	46	44	50	45	58	77	76	68	52	54	42
7	43	45	44	51	45	58	77	76	69	52	54	42
8	43	45	44	51	44	59	76	76	70	53	53	43
9	43	45	44	52	43	59	76	77	71	53	52	43
10	43	44	43	53	42	59	76	79	73	54	51	44
11	43	44	43	54	42	58	76	80	74	54	51	45
12	43	44	42	54	43	57	76	81	76	54	50	45
13	43	43	42	54	44	56	76	82	77	55	49	46
14	43	43	42	53	44	55	76	84	78	55	49	47
15	43	43	41	53	45	54	76	85	80	55	48	47
16	43	42	41	53	46	53	76	86	81	56	47	48
17	44	42	40	53	46	52	76	88	82	56	47	48
18	44	42	40	53	47	51	76	89	83	56	46	49
19	44	42	40	53	47	50	76	90	85	57	45	49
20	44	42	39	53	48	49	76	87	86	57	44	48
21	44	42	39	53	48	48	76	84	87	57	43	48
22	45	42	39	53	49	48	76	80	88	58	43	47
23	45	42	38	53	49	49	76	77	90	58	42	47
24	45	43	38	53	50	51	76	74	91	59	41	46
25	45	43	39	53	50	53	76	71	92	59	41	45
26	45	43	40	53	51	56	76	68	93	59	40	44
27	45	43	41	53	52	58	76	65	94	59	40	44
28	45	43	42	53	53	60	76	62	89	58	39	43
29	45	---	43	52	53	62	76	59	84	58	38	42
30	46	---	44	51	54	64	76	60	79	57	38	42
31	46	---	45	---	54	---	76	61	---	---	---	41
Mean	44	44	42	52	46	55	75	77	79	57	47	44
Max.	46	47	45	54	54	64	77	90	94	74	57	49
Min.	42	42	38	45	42	48	66	69	62	52	38	39
A. F.	2688	2458	2572	3078	2824	3287	4519	4715	4633	3400	2824	2725
Total Acre Feet	33,853.											

DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1922  
Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	31	37	45	38	35	41	58	65	91	125	93	72
2	31	37	45	38	35	41	58	65	92	126	92	72
3	31	37	45	38	35	41	58	65	93	126	90	72
4	31	37	44	38	35	41	58	65	94	126	89	72
5	31	37	44	38	36	41	58	65	95	125	88	72
6	32	38	43	38	38	39	60	72	96	124	87	69
7	32	38	43	38	38	39	60	72	97	123	86	69
8	32	38	43	38	38	42	60	72	98	122	85	69
9	32	38	43	38	38	42	60	72	99	120	84	69
10	32	38	42	38	38	42	60	72	99	119	83	69
11	33	39	41	37	43	47	61	78	100	118	83	67
12	33	39	41	37	43	47	61	78	101	117	82	67
13	33	39	41	37	43	47	61	78	102	116	81	67
14	33	39	41	37	43	47	62	78	105	114	80	67
15	33	39	41	37	43	47	61	78	108	113	79	67
16	34	41	38	37	45	51	59	85	110	112	79	63
17	34	41	38	37	45	51	59	85	113	111	78	63
18	34	41	38	37	45	51	59	85	116	110	78	63
19	34	41	38	37	45	51	59	85	120	109	77	63
20	34	41	38	37	45	51	59	85	121	108	77	63
21	35	42	36	36	48	53	55	90	121	106	76	60
22	35	42	36	36	48	53	55	90	121	105	76	60
23	35	42	36	36	48	53	55	90	122	104	76	60
24	35	42	36	36	48	53	53	90	122	103	75	60
25	35	42	36	36	48	53	54	90	122	102	75	60
26	36	44	37	36	46	55	55	91	124	100	73	57
27	36	44	37	36	46	55	57	91	124	99	73	57
28	36	44	37	36	46	55	58	91	124	98	73	57
29	36	---	37	36	46	55	60	91	124	97	73	57
30	36	---	37	36	46	55	61	91	125	96	73	57
31	36	---	37	---	46	---	62	91	---	94	---	57
Mean	33.7	39.8	39.8	37	42.7	47.9	58.5	80.5	109.3	111.8	80.5	64.4
Max.	36	44	45	38	48	55	62	91	125	126	93	72
Min.	31	37	37	36	35	41	53	65	91	94	73	57
A. F.	2055	2215	2449	2202	2624	2854	3602	4951	6504	6879	4788	3961
Total Acre Feet	45,094.											

DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1923  
Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	58	50	42	33	46	57	80	84	53	14	67	45
2	58	50	42	33	47	57	79	84	52	12	59	45
3	58	49	42	33	49	57	77	85	50	16	59	45
4	58	49	43	33	50	57	76	86	49	19	60	48
5	58	48	43	33	52	57	75	86	48	23	61	54
6	58	48	43	33	53	58	73	87	46	27	62	55
7	58	47	43	33	55	58	72	87	45	31	63	55
8	58	37	42	33	56	58	71	88	44	34	64	56
9	58	46	42	33	57	58	69	88	42	37	65	56
10	58	45	42	33	59	58	66	89	41	42	66	57
11	58	45	41	34	60	59	66	96	40	44	67	58
12	58	44	41	34	60	60	67	90	38	48	69	58
13	58	44	41	34	60	61	68	91	37	52	71	59
14	58	43	41	34	60	70	70	92	36	56	72	59
15	58	43	40	34	60	90	71	93	35	60	73	59
16	58	42	40	34	59	90	72	93	33	63	74	59
17	58	42	40	34	59	100	73	92	32	66	75	59
18	58	41	39	34	59	106	74	90	31	71	76	59
19	58	40	39	34	59	104	75	86	30	75	47	59
20	58	40	38	34	59	102	76	82	28	78	47	59
21	58	40	38	35	58	100	77	78	27	82	47	58
22	58	40	37	36	58	97	78	75	26	85	46	58
23	58	40	37	36	58	95	79	72	25	90	46	58
24	57	40	37	37	58	93	79	69	23	93	46	58
25	56	40	36	38	58	91	80	66	21	97	46	58
26	55	41	36	40	57	90	81	63	20	102	45	57
27	54	41	35	41	57	88	81	61	19	98	45	57
28	53	41	35	42	57	86	82	58	17	91	45	57
29	52	—	34	43	57	83	82	57	16	85	45	57
30	51	—	34	44	57	82	83	56	15	80	45	57
31	50	—	33	—	57	—	84	54	—	73	—	57
Mean	56.9	43.8	39.2	35.4	58.3	77	74.3	79.7	33.9	61.4	58.4	56
Max.	58	50	43	44	60	106	84	92	53	102	76	59
Min.	50	40	33	33	46	57	66	54	15	14	45	45
A. F.	3494	2432	2412	2106	3473	4585	4633	4903	4004	3657	3477	3443
Total Acre Feet	42,619.											

DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1924  
Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	44	35	50	50	53	70	52	70	46	116	78	65	
2	44	35	50	50	53	70	52	70	42	116	78	65	
3	44	35	50	50	53	72	52	70	38	116	78	65	
4	44	35	50	50	53	72	52	75	36	116	78	65	
5	44	35	50	50	53	74	52	75	40	116	78	65	
6	44	42	48	52	52	74	44	80	74	112	76	65	
7	44	42	48	52	52	75	44	80	74	112	76	65	
8	44	42	48	52	52	75	44	84	76	112	76	65	
9	44	42	48	52	52	77	40	84	76	112	76	65	
10	44	42	48	52	52	78	38	88	76	112	76	65	
11	44	46	46	54	54	76	38	90	104	108	75	65	
12	44	48	46	54	54	76	40	88	104	108	75	65	
13	44	50	46	56	54	76	40	86	104	108	75	65	
14	44	52	46	58	54	76	42	84	104	108	75	65	
15	44	54	46	58	53	76	44	82	104	108	75	65	
16	42	56	45	60	58	74	45	82	128	102	74	65	
17	42	56	45	60	58	74	45	80	128	102	74	65	
18	42	56	45	60	58	74	45	78	128	102	74	65	
19	42	54	45	60	58	74	45	76	128	102	74	65	
20	42	54	45	60	58	74	45	74	128	102	74	65	
21	38	54	44	57	63	72	52	72	124	94	72	65	
22	38	54	44	57	63	72	52	70	124	94	72	65	
23	38	54	44	57	63	72	54	68	124	94	72	65	
24	38	52	44	57	63	72	54	68	124	94	72	65	
25	38	52	44	57	63	72	54	66	124	94	72	65	
26	34	52	48	55	64	72	56	65	100	84	70	65	
27	34	52	48	55	64	72	56	63	120	84	70	65	
28	34	52	48	55	66	72	60	62	120	85	70	65	
29	32	50	48	55	68	72	64	58	120	83	70	65	
30	32	—	48	55	68	72	64	54	100	84	70	65	
31	30	—	48	—	70	—	65	50	—	84	—	65	
Mean	40	48	46	55	58	74	49	74	99	102	74	65	
Max.	44	56	50	60	70	78	64	90	128	116	78	65	
Min.	30	35	44	50	52	70	38	50	36	84	70	65	
A. F.	2491	2743	2882	3272	3570	4377	3033	4556	5867	6276	4413	3996	
Diverted by Winters Creek Canal							2205	1924	1874				
							5238	6480	7741				
Total Acre Feet	53,479.												



DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1925  
Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	61	65	63	52	52	19	35	50	42	94	83	73
2	61	65	63	52	52	19	35	50	42	94	83	73
3	61	65	63	52	52	19	35	50	42	94	83	73
4	61	65	63	52	52	19	35	50	42	94	83	73
5	61	65	63	52	52	19	35	50	42	94	83	73
6	61	65	63	52	52	19	35	50	42	94	83	73
7	61	65	63	52	52	19	35	50	42	94	83	73
8	61	65	63	52	52	19	35	50	42	94	83	73
9	61	65	63	52	52	19	35	50	42	94	83	73
10	61	65	63	52	52	19	35	50	42	94	83	73
11	61	65	63	52	29	50	35	50	42	94	83	73
12	61	65	63	52	29	50	35	50	42	94	83	73
13	61	65	63	52	29	50	35	50	42	94	83	73
14	61	65	63	52	29	50	35	50	42	94	83	73
15	61	65	63	52	29	50	35	50	42	94	83	73
16	61	65	63	52	29	50	70	50	42	94	83	73
17	61	65	63	52	29	50	70	50	42	94	83	73
18	61	65	63	52	29	50	70	50	42	94	83	73
19	61	65	63	52	29	86	70	50	42	94	83	73
20	61	65	63	52	29	86	70	50	42	94	83	73
21	61	65	63	49	29	86	70	50	42	94	83	73
22	61	65	63	49	29	86	70	50	42	94	83	73
23	61	65	63	49	29	86	70	50	42	94	83	73
24	61	65	63	49	29	86	70	50	42	94	83	73
25	61	65	63	49	29	86	70	50	42	94	83	73
26	61	65	63	49	29	35	53	50	150	94	83	73
27	61	65	63	49	29	35	53	50	150	94	83	73
28	61	65	63	49	29	35	53	50	150	94	83	73
29	61	---	63	49	29	35	53	50	150	94	83	73
30	61	---	63	49	29	35	53	50	150	94	83	73
31	61	---	63	---	29	---	53	50	---	94	---	73
Mean	61	65	63	51	36	45	50	50	60	94	83	73
Max.	61	65	63	52	52	86	70	50	150	94	83	73
Min.	61	65	63	49	29	19	35	50	42	94	83	73
A. F.	3750	3609	3874	3035	2239	2711	3069	3074	3570	5780	4939	4488
Total Acre Feet	44,138.											

DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1926  
Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	75	61	56	56	50	74	88	23	82	109	94	55
2	75	61	56	56	50	74	88	23	82	109	94	55
3	75	61	56	56	50	74	88	23	82	109	94	55
4	75	61	56	56	50	74	88	23	82	109	94	55
5	75	61	56	56	50	74	88	23	82	109	94	55
6	75	61	56	56	50	74	88	23	82	109	94	55
7	75	61	56	56	50	74	88	23	82	109	94	55
8	75	61	56	56	50	74	88	23	82	109	94	55
9	75	61	56	56	50	74	88	23	82	109	94	55
10	75	61	56	56	50	74	88	23	82	109	94	55
11	75	61	56	56	17	74	88	23	82	109	94	55
12	75	61	56	56	17	74	88	23	82	109	94	55
13	75	61	56	56	17	74	88	23	82	109	94	55
14	75	61	56	56	17	74	88	23	82	109	94	55
15	75	61	56	56	17	74	88	23	82	109	94	55
16	75	61	56	56	17	74	88	23	82	109	94	55
17	75	61	56	56	17	74	88	23	82	109	94	55
18	75	61	56	56	17	74	88	23	82	109	94	55
19	75	61	56	56	17	74	88	23	82	109	94	55
20	75	61	56	56	17	74	88	23	82	109	94	55
21	75	61	56	56	17	51	82	41	82	96	94	55
22	75	61	56	56	17	51	82	41	82	96	94	55
23	75	61	56	56	17	51	82	41	82	96	94	55
24	75	61	56	56	17	51	82	41	82	96	94	55
25	75	61	56	56	17	51	82	41	82	96	94	55
26	75	61	56	56	17	51	82	41	82	96	94	55
27	75	61	56	56	17	51	82	41	82	96	94	55
28	75	61	56	56	17	51	82	41	82	96	94	55
29	75	---	56	56	17	51	82	41	82	96	94	55
30	75	---	56	56	17	51	82	41	82	96	94	55
31	75	---	56	---	17	---	82	41	---	96	---	55
Mean	75	61	56	56	28	66	86	29	82	104	94	55
Max.	75	61	56	56	50	74	88	41	82	109	94	55
Min.	75	61	56	56	17	51	82	23	82	96	94	55
A. F.	4611	3388	3443	3332	1700	3947	5280	1806	4879	6419	5593	2382
Total Acre Feet	47,780.											

HYDROGRAPHIC REPORT—1928

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DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1927  
 Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	52	60	48	67	55	92	32	37	92	92	92	46
2	52	60	48	67	55	92	32	161	92	92	92	46
3	52	60	48	67	55	92	32	161	92	92	92	46
4	52	60	48	67	55	92	32	161	92	92	92	46
5	52	60	48	67	55	92	32	161	92	92	92	46
6	52	60	48	67	55	92	32	161	92	92	92	46
7	52	60	48	67	55	92	32	161	92	92	92	46
8	52	60	48	67	55	92	32	161	92	92	92	46
9	52	60	48	67	55	92	32	161	92	92	92	46
10	52	60	48	67	55	92	32	161	92	92	92	46
11	52	60	48	67	55	92	43	161	92	92	92	46
12	52	60	48	67	55	92	43	161	92	92	92	46
13	52	60	48	67	55	92	43	161	92	92	92	46
14	52	60	48	67	55	92	43	161	92	92	92	46
15	52	60	48	67	55	92	43	139	92	92	92	46
16	54	60	55	67	67	92	43	33	92	92	92	46
17	54	60	55	67	67	92	43	33	92	92	92	46
18	54	60	55	67	67	92	43	33	92	92	92	46
19	54	60	55	67	67	92	43	33	92	92	92	46
20	54	60	55	67	67	92	43	33	92	92	92	46
21	54	60	55	67	67	92	43	33	92	92	70	46
22	54	60	55	67	67	92	43	33	92	92	70	46
23	54	60	55	67	67	92	43	33	92	92	96	46
24	54	60	55	67	67	92	43	33	92	92	96	46
25	54	60	55	67	67	92	43	33	92	92	96	46
26	54	60	55	67	67	92	43	33	92	92	96	46
27	54	60	55	67	67	92	43	33	92	92	96	46
28	54	60	55	67	67	92	43	33	92	92	96	46
29	54	---	55	67	67	92	43	33	92	92	96	46
30	54	---	55	67	67	92	43	33	92	92	96	46
31	54	---	55	---	67	---	43	33	---	92	---	46
Mean	53	60	52	67	61	92	39	90	92	92	92	46
Max.	54	60	55	67	67	92	43	161	92	92	96	46
Min.	52	60	48	67	55	92	32	33	92	92	70	46
A. F.	3260	3332	3174	3987	3752	5474	2425	5547	5474	5767	5450	2938
Total Acre Feet	50,580.											

DISCHARGE IN SECOND FEET, WINTERS CREEK TO RIVER—1928  
 Sec. 19, Twp. 22, Rge. 54 W.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	56	57	65	54	79	21	11	66	70	98	71	64
2	56	57	65	54	79	21	11	66	70	98	71	64
3	56	57	65	54	79	21	11	66	70	98	71	64
4	56	57	65	54	79	21	11	66	70	98	71	64
5	56	57	65	54	79	21	11	66	70	98	71	64
6	56	57	65	54	79	21	11	66	70	98	71	64
7	56	57	65	54	79	21	11	66	40	98	71	64
8	56	57	65	54	79	21	11	66	40	98	71	64
9	56	57	65	54	79	21	11	66	40	98	71	64
10	56	57	65	54	79	21	11	66	40	98	71	64
11	56	57	65	54	79	21	11	66	40	98	71	64
12	56	57	65	54	79	21	11	66	40	98	71	64
13	56	57	65	54	79	21	11	66	40	98	71	64
14	56	57	65	54	79	21	11	66	40	98	71	64
15	56	57	65	54	79	21	11	66	40	98	71	64
16	56	57	65	50	61	32	11	40	82	98	74	64
17	56	57	65	50	61	32	11	40	82	98	74	64
18	56	57	65	50	61	32	11	40	82	98	74	64
19	56	57	65	50	61	32	11	40	82	98	74	64
20	56	57	65	50	61	32	11	40	82	98	74	64
21	56	57	65	50	61	32	11	40	82	98	74	64
22	56	57	65	50	61	32	11	40	82	98	74	64
23	56	57	65	50	61	32	11	40	82	98	74	64
24	56	57	65	50	61	32	11	40	82	98	74	64
25	56	57	65	50	61	32	11	40	82	98	74	64
26	56	57	65	50	61	32	11	40	82	98	74	64
27	56	57	65	50	61	32	11	40	82	98	74	64
28	56	57	65	50	61	32	11	40	82	98	74	64
29	56	57	65	50	61	32	11	40	82	98	74	64
30	56	---	65	50	61	32	11	40	82	98	74	64
31	56	---	65	---	61	---	11	40	---	98	---	64
Mean	56	57	65	52	69	25	11	53	76	98	72	64
Max.	56	57	65	54	79	32	11	66	82	98	74	64
Min.	56	57	65	50	61	21	11	40	70	98	71	64
A. F.	3443	3392	3986	3005	4227	1577	676	3233	4522	6026	4314	3935
Total Acre Feet	42,336.											



## ACTUAL DISCHARGE MEASUREMENTS OF CANALS

## ABERDEEN CANAL—DOCKET 50a, 50b.

Diverted from Frenchman River in Sec. 3, Twp. 5, Rge. 38 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6-24	A. E. Johnston	3.4	3.14	.....	10.7
8-23	Johnston and Strong	.....	.....	.....	.0
<b>1923</b>					
4-18	A. E. Johnston	.....	.....	.....	0.0
7-17	do	.....	.....	.....	.0
<b>1925</b>					
7-14	C. E. Franklin	2.9	3.00	.....	8.7
7-25	do	.....	.....	.....	*.0
8- 7	do	.....	.....	.....	.0
<b>1926</b>					
5-31	C. E. Franklin	.....	.....	.....	0.0
7-13	do	2.0	1.62	0.76	5.3
8- 8	do	1.8	3.18	.68	5.7
<b>1927</b>					
4-30	C. E. Franklin	.....	.....	.....	0.0
5-15	do	.....	.....	.....	.0
5-27	do	2.6	3.92	1.00	10.2
6-28	do	.....	.....	.....	.0
7- 8	do	1.7	2.18	.70	3.7
7-22	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
8-20	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0
<b>1928</b>					
5-18	C. E. Franklin	.....	.....	.....	0.0
6-20	do	.....	.....	.....	.0
7-12	do	.....	.....	.....	.0
7-26	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
9-20	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0

## ADAMS CANAL—DOCKET 371

Diverted from Lodgepole Creek in Sec. 3, Twp 14, Rge. 52 W.

<b>1923</b>					
6-22	E. F. Ketcham	.....	.....	.....	0.0
8-30	do	.....	.....	.....	.0
<b>1924</b>					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
6- 5	C. E. Franklin	0.4	0.75	.....	0.3
6-20	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0

\*Closed by Water Commissioner

## MEASUREMENTS OF CANALS—Continued

ADAMS CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
<b>1928</b>					
5- 4	C. E. Franklin	1.7	1.06	.....	1.8
6- 7	do	1.0	.71	.....	.7
6-30	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	*.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

## ADAMS CANAL—DOCKET 369

Diverted from Lodgepole Creek in Sec. 10, Twp. 14, Rge. 52 W.

<b>1923</b>					
8-30	E. F. Ketcham	.....	.....	.....	0.0

## AIRDALE CANAL No. 2—APPLICATION 699

Diverted from Pumpkinseed Creek in Sec. 1, Twp. 19, Rge. 55 W.

<b>1925</b>					
4-27	C. E. Franklin	5.4	0.85	.....	5.1
6- 2	do	3.0	1.13	.....	3.4
7- 6	do	3.6	1.19	.....	4.3
8-14	do	4.7	.77	.....	3.6
<b>1926</b>					
7-29	C. E. Franklin	1.1	0.40	0.51	0.4
<b>1927</b>					
8-16	C. E. Franklin	5.4	0.98	1.25	5.3
<b>1928</b>					
8-21	C. E. Franklin	0.6	0.41	0.25	0.3
8-25	do	2.0	.44	.....	.9

## ALFALFA CANAL—DOCKET 738

Diverted from North Platte River in Sec. 1, Twp. 15, Rge. 42 W.

Measurements made at rating flume.

<b>1919</b>					
8- 5	Palmer and Hartman	11.7	1.82	0.95	21.3
9-24	Earl North	3.7	1.28	.30	4.7
<b>1920</b>					
6-17	G. K. Baumgartner	26.00	1.84	2.00	47.8
8-13	do	20.40	1.46	1.70	29.8
8-24	do	12.60	.99	.90	12.4
9- 3	Palmer and Willis	5.10	1.05	.40	5.3

\*Diversion dam partially washed out by flood of July 20, 1928.

## MEASUREMENTS OF CANALS—Continued

ALFALFA CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
5- 3	T. C. Palmer	10.80	2.06	0.80	22.2
7- 6	A. H. Atkins	11.28	2.10	1.00	23.6
7-18	do	4.80	2.16	.52	10.3
7-27	do	19.30	2.68	1.78	51.7
8- 4	do	13.90	2.24	1.18	31.0
8-11	do	16.25	2.19	1.30	35.5
8-22	do	3.85	2.34	.50	9.0
8-29	do	6.14	2.10	.60	13.0
<b>1922</b>					
5- 2	A. E. Johnston	25.5	0.67	.....	17.1
5-16	do	5.4	3.40	0.60	18.4
6-10	do	7.2	2.20	.70	15.9
6-16	do	3.1	1.19	.40	3.7
7- 1	do	15.4	2.26	1.30	34.9
7-14	do	5.9	4.59	.80	27.1
7-19	do	1.9	1.31	.30	2.5
8-18	do	3.0	2.03	.40	6.1
9- 8	Palmer and Lorenzen	11.9	1.74	1.10	20.8
9-26	A. E. Johnston	1.4	1.21	3.00	1.7
<b>1923</b>					
5-17	A. E. Johnston	7.84	2.00	0.90	15.7
6-28	do	10.00	2.02	1.00	20.2
7-24	A. H. Atkins	.00	.00	.00	.0
4-25	do	.00	.00	.00	.0
9-11	A. E. Johnston	4.72	1.53	.80	7.2
9-26	A. H. Atkins	1.60	1.11	.30	1.7
<b>1924</b>					
5-20	A. E. Johnston	7.60	1.76	.....	13.4
6-13	do	.....	.....	.....	.0
7-15	do	17.10	1.49	1.40	25.5
7-24	do	19.20	1.71	1.50	29.7
8- 2	C. G. Hrubesky	6.47	1.31	.....	8.5
8-27	A. E. Johnston	16.00	1.69	1.40	27.5
<b>1925</b>					
5-19	A. E. Johnston	17.1	2.10	1.45	35.9
6- 3	do	8.0	1.96	.70	15.7
6-15	do	3.9	1.15	.40	4.5
6-25	do	8.0	2.49	.70	19.9
7- 9	do	17.7	2.00	1.45	35.5
7-14	do	19.1	2.01	1.60	38.4
7-23	do	.....	.....	.....	.0
8- 4	do	18.3	1.56	1.50	28.5
8-25	do	.....	.....	.....	.0
9-16	do	4.6	1.93	.50	8.9
10 16	do	.....	.....	.....	.0

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

ALFALFA CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5-21	A. E. Johnston	13.2	0.75	0.90	9.9
6-10	do	46.0	1.85	3.70	85.2
6-15	do	21.1	1.40	1.75	29.6
6-24	do	40.1	1.47	3.20	59.1
6-27	do	19.9	1.40	1.50	27.9
7-23	do	30.5	1.40	2.30	42.8
7-29	do	35.8	1.57	2.80	56.4
8- 9	do	37.0	1.40	2.85	51.8
8-19	do	.....	.....	.....	.0
8-24	do	28.8	1.30	2.50	37.4
8-30	do	23.9	1.37	2.30	32.8
9- 2	do	23.6	1.50	1.30	35.4
9-30	do	.....	.....	.....	.0
10-22	do	17.0	1.31	2.10	22.4
<b>1927</b>					
4- 5	A. E. Johnston	.....	.....	.....	0.0
5-21	do	.....	.....	.....	.0
6-28	do	24.4	1.48	1.75	36.1
7-16	do	15.2	1.23	1.00	18.8
7-27	do	33.5	1.96	2.30	65.8
8- 5	do	19.1	1.44	1.50	27.4
8-25	do	15.0	1.46	1.15	21.9
9-16	do	10.4	1.14	.80	12.1
10-19	do	.....	.....	.....	.0
<b>1928</b>					
4-25	A. E. Johnston	.....	.....	.....	0.0
5-31	do	18.8	1.60	1.40	30.0
6- 7	do	20.1	1.41	1.50	28.3
6-28	do	15.6	1.27	1.20	19.8
7-19	do	17.8	1.37	.....	24.5
7-24	do	10.6	1.12	.90	11.9
8-10	do	8.6	.99	.70	8.5
8-27	do	11.2	.93	.90	10.4
9- 4	do	16.4	1.10	.....	18.0
9-18	do	11.8	.86	.80	10.2
10-19	do	4.8	.85	.50	4.1
<b>ALLEN-LARNED CANAL—DOCKET 117</b>					
Diverted from Buffalo Creek in Sec. 18, Twp. 1, Rge. 40 W.					
<b>1919</b>					
7-15	Palmer and Bailey	2.6	1.78	.....	4.7
<b>1923</b>					
8- 3	A. E. Johnston	.....	.....	.....	0.0
8-28	E. F. Ketcham	4.8	0.32	.....	1.5
9-20	A. E. Johnston	.....	.....	.....	.0
<b>1924</b>					
5-31	A. E. Johnston	5.9	0.57	.....	3.4
6-26	do	2.0	1.73	.....	3.5
8- 7	do	5.3	.83	.....	4.4
9- 5	do	6.6	.54	.....	3.6

MEASUREMENTS OF CANALS—Continued

ALLEN-LARNED CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height <sup>a</sup>	Discharge Sec.-Ft.
<b>1925</b>					
5-27	C. E. Franklin	2.8	1.43	.....	4.0
6-10	Franklin and Whitehead	.....	.....	.....	.0
7-20	C. E. Franklin	4.4	1.61	.....	7.1
8-10	do	2.7	1.11	1.00	3.0
8-24	do	3.3	1.09	.96	3.6
9- 7	do	1.8	1.17	1.00	2.1
9-25	do	.9	1.05	.91	1.0
10-13	A. E. Johnston	.....	.....	.....	.0
<b>1926</b>					
5- 5	C. E. Franklin	3.5	1.51	1.50	5.3
5-18	do	2.6	.47	1.08	1.2
5-27	do	2.1	1.52	1.05	3.2
6-16	do	3.6	1.28	1.14	4.6
6-28	do	1.8	.83	.91	1.5
7-15	do	.7	.87	.60	.6
8- 9	do	6.1	1.08	1.69	.6
8-20	do	1.2	.88	1.11	1.1
<b>1927</b>					
4-21	C. E. Franklin	.....	.....	.....	0.0
5- 4	do	.....	.....	.....	.0
5-18	do	4.6	1.41	1.65	6.5
5-30	do	3.2	1.79	.....	5.7
6-29	do	5.7	.93	1.60	5.3
7-11	Franklin and Whitehead	2.9	1.17	1.32	3.4
7-27	C. E. Franklin	2.2	1.09	.95	2.4
8-26	do	1.2	1.00	.95	1.2
9- 8	do	2.5	.95	1.35	2.3
10- 6	do	3.8	1.18	.95	4.5
11-10	do	4.1	1.29	.....	5.3
12- 6	do	.....	.....	.....	.3
<b>1928</b>					
5-24	C. E. Franklin	.....	.....	.....	0.0
6-19	do	.....	.....	.....	.0
7-10	do	.....	.....	1.05	.1
7-31	do	.....	.....	1.00	.5
8-18	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0

ALLIANCE CANAL—DOCKET 874

Diverted from North Platte River in Sec. 5, Twp. 20, Rge. 52 W.

<b>1919</b>					
6- 3	T. C. Palmer	14.95	0.50	3.10	7.5
6-26	do	27.50	.66	1.80	18.2
6-30	do	25.20	.71	1.90	18.0
7-19	do	8.80	.45	.85	3.9
7-22	do	19.90	.68	1.60	13.5
8- 1	W. F. Chaloupka	21.00	.43	1.81	9.1



## MEASUREMENTS OF CANALS—Continued

ALLIANCE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
8- 9	T. C. Palmer	.....	.....	.00	.0
8-13	do	.....	.....	.00	.0
9- 8	do	.....	.....	.30	.0
<b>1920</b>					
6-12	T. C. Palmer	19.55	0.95	1.90	18.6
6-17	do	26.80	1.20	2.65	32.1
6-28	do	12.30	.61	1.30	7.4
7-13	do	17.40	.73	1.70	12.7
7-26	do	8.25	.28	.80	2.2
8-16	do	11.50	.70	1.30	8.0
8-25	do	.....	.....	1.00	.0
<b>1921</b>					
5-13	T. C. Palmer	17.4	0.59	1.40	10.3
7-12	*J. K. Rohrer	.....	.....	.....	10.0
7-22	W. T. Chaloupka	18.2	.64	1.90	6.3
7-31	do	16.7	.73	2.30	12.1
8- 5	do	16.4	.72	2.30	11.8
8- 8	T. C. Palmer	16.8	.77	2.10	12.8
8-18	do	14.45	.56	1.75	8.1
8-29	W. T. Chaloupka	13.90	.50	1.45	6.9
9- 4	do	8.69	.57	1.10	1.6
<b>1922</b>					
6- 5	T. C. Palmer	18.0	0.79	1.20	14.3
6-21	do	21.3	1.02	1.45	21.8
7-17	A. H. Atkins	26.7	.61	2.20	16.5
7-25	T. C. Palmer	28.1	.59	1.95	16.7
8-17	do	.0	.00	.00	.0
10-15	A. E. Johnston	5.9	.58	.90	3.8
<b>1923</b>					
5-12	Ketcham and Johnston	0.0	0.00	.....	0.0
6-20	E. F. Ketcham	.0	.00	.....	.0
7-12	A. E. Johnston	22.5	.66	.....	14.8
7-25	do	29.4	.78	.....	23.1
8-18	E. F. Ketcham	.0	.00	.....	.0
8-29	A. E. Johnston	.0	.00	.....	.0
9-17	A. H. Atkins	10.8	.96	1.35	10.4
9-21	do	9.6	.77	1.20	7.3

## ALLIANCE CANAL—APPLICATION 1776-O. D.—DOCKET 874

Diverted from Bayard Sugar Factory Drain in Sec. 5, Twp. 20, Rge. 52 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
6- 6	A. E. Johnston	.....	.....	.....	0.0
7- 1	do	17.70	1.30	1.60	23.0
7-10	do	19.10	1.18	1.70	22.0
7-24	C. G. Hrubesky	9.84	2.07	.....	20.5
8- 9	do	10.10	2.33	.....	23.7
8-28	A. E. Johnston	10.30	.81	.....	8.4
9- 3	C. G. Hrubesky	5.90	1.27	.....	7.5
9-20	A. E. Johnston	9.20	1.01	1.20	9.3

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

ALLIANCE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
4-20	Johnston and Franklin	.....	.....	.....	0.0
5-18	A. W. Hall	8.6	1.30	1.50	11.2
6- 3	do	21.1	1.16	2.20	24.5
6-17	do	7.9	.94	.....	7.4
6-29	do	23.1	.73	2.40	17.0
7-13	do	24.5	.76	2.30	18.8
7-29	do	.....	.....	.....	.0
8-21	A. E. Johnston	.....	.....	.....	.0
8-31	A. W. Hall	.....	.....	.....	.0
9-28	A. E. Johnston	.....	.....	.....	.0
<b>1926</b>					
6- 6	A. W. Hall	14.9	1.88	1.85	28.0
7- 5	do	18.6	1.49	2.10	27.8
7-23	do	14.9	1.75	1.85	26.1
8-23	do	.....	.....	.00	.0
9-13	do	4.2	.21	.35	.9
<b>1927</b>					
6- 8	A. W. Hall	.....	.....	.....	0.0
6-10	do	13.1	0.55	1.60	7.2
6-14	do	14.1	.47	1.70	6.6
7- 8	do	17.6	1.28	2.20	22.5
7-26	do	18.4	.95	2.30	17.4
8-27	do	14.9	1.36	1.90	20.3
<b>1928</b>					
5-19	A. W. Hall	.....	.....	.....	0.0
6- 6	do	16.2	1.58	1.95	25.7
6-29	do	14.6	1.09	1.65	15.9
7-19	do	18.2	1.55	.....	28.5
8- 6	do	.....	.....	.....	.0
8-24	do	17.6	.69	1.90	12.2
ALLIANCE CANAL—APPLICATION 1429-O. D.—DOCKET 874 Diverted from Red Willow Creek in Sec. 6, Twp. 20, Rge. 51 W.					
<b>1918</b>					
6-17	Wade Flynn	25.20	1.15	5.60	29.2
6-20	W. F. Chaloupka	27.31	1.22	5.89	33.4
7- 2	Wade Flynn	30.90	1.38	5.95	42.8
7- 8	do	28.00	1.40	5.80	39.2
7-31	Chaloupka and Palmer	23.20	1.50	5.70	44.8
8- 5	W. F. Chaloupka	28.65	1.61	5.77	46.2
8-12	Wade Flynn	26.85	1.28	5.73	34.6
8-22	do	16.80	.83	5.15	14.1
8-26	do	20.20	1.15	5.40	23.3
9-11	Flynn and Palmer	19.35	1.16	5.45	22.6

## MEASUREMENTS OF CANALS—Continued

ALLIANCE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
5-28	T. C. Palmer	18.30	0.81	5.35	14.8
6- 3	do	16.75	1.47	5.60	24.6
6-10	do	30.70	1.50	6.25	46.4
6-26	do	27.90	1.19	5.85	33.1
6-30	do	27.20	1.44	5.70	39.3
7-10	do	23.30	1.30	5.75	30.3
7-19	do	17.45	1.13	5.50	19.8
7-28	do	28.40	1.29	6.25	36.8
8- 1	W. F. Chaloupka	33.50	1.18	6.15	39.7
8- 9	T. C. Palmer	33.90	1.55	6.30	52.7
8-13	do	33.20	1.15	6.40	38.3
8-25	do	36.50	1.46	6.30	53.1
9- 4	do	35.60	.96	6.30	34.0
9- 8	do	28.40	.82	5.90	23.2
<b>1920</b>					
6-17	T. C. Palmer	27.45	1.05	5.75	28.8
6-28	do	22.90	.97	5.70	22.1
7-26	do	38.80	1.23	6.00	41.5
8-16	do	37.55	1.60	6.10	60.1
8-25	do	45.30	1.26	6.65	56.7
9- 8	do	25.30	.67	5.55	16.9
<b>1921</b>					
5-10	T. C. Palmer	17.60	0.48	0.75	8.3
7- 5	do	47.30	.75	6.10	35.2
7-22	W. F. Chaloupka	40.40	.82	8.37	33.2
7-30	do	40.50	.97	6.58	39.1
8- 5	do	33.80	1.09	5.80	36.9
8- 8	T. C. Palmer	43.60	.93	6.10	40.4
8-21	W. F. Chaloupka	35.70	.97	6.10	34.9
8-22	T. C. Palmer	44.05	.92	.....	40.5
9- 4	W. F. Chaloupka	23.90	.63	5.00	15.0
<b>1922</b>					
6- 5	T. C. Palmer	13.2	1.37	1.20	18.1
6-12	do	22.0	1.72	2.00	25.8
6-16	do	22.0	1.80	2.00	39.6
7-17	A. H. Atkins	24.2	1.78	2.20	43.3
7-24	do	28.6	2.25	2.55	64.4
8-17	do	27.6	1.86	2.40	51.6
8-26	do	27.8	2.06	2.50	57.6
9- 1	T. C. Palmer	26.4	1.48	2.40	39.1
9-22	do	18.9	1.52	1.70	28.9
<b>1923</b>					
5-12	Ketcham and Johnston	0.0	0.00	.....	0.0
7-25	A. E. Johnston	.0	.00	.....	.0
8-17	E. F. Ketcham	41.7	.77	.....	32.5
9-17	A. H. Atkins	16.2	.75	1.50	12.3
9-21	do	18.4	.40	1.70	7.9

## MEASUREMENTS OF CANALS—Continued

ALLIANCE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
6- 6	A. E. Johnston	14.1	1.44	.....	20.3
7- 1	do	42.0	.61	5.60	25.6
7-10	do	41.2	.60	5.65	25.1
7-24	C. G. Hrubesky	37.8	1.53	6.62	57.9
8- 8	do	32.3	1.62	6.60	52.4
8-28	A. E. Johnston	49.3	.70	6.60	34.6
9- 3	C. G. Hrubesky	35.5	1.63	6.58	57.7
9-20	A. E. Johnston	.....	.....	.....	.0
<b>1925</b>					
4-24	Johnston and Franklin	.....	.....	.....	0.0
5-18	A. W. Hall	4.3	1.18	.....	5.1
6- 3	do	37.7	.55	5.20	21.4
6-17	do	38.4	.85	5.20	32.6
6-29	do	44.5	.69	5.20	30.6
7-13	do	51.4	1.09	5.70	56.0
7-29	do	49.7	.95	5.65	47.5
8-31	do	42.3	.75	5.50	31.9
<b>1926</b>					
6- 6	A. W. Hall	19.8	0.61	1.90	12.2
7- 5	do	25.7	1.92	2.20	49.5
7-10	do	16.4	1.88	2.05	30.9
7-23	do	22.5	1.27	2.00	28.6
8-10	do	11.2	1.45	1.50	16.2
8-14	do	32.5	1.99	2.90	64.6
8-23	do	30.2	1.46	2.60	44.2
9-13	do	16.5	.36	.....	59.0
<b>1927</b>					
3-28	A. E. Johnston	.....	.....	.....	0.0
6-14	A. W. Hall	14.4	1.02	1.23	14.7
7- 9	do	19.2	1.31	1.80	25.1
8-10	do	27.4	1.44	2.40	39.6
<b>1928</b>					
6- 5	A. W. Hall	23.5	1.65	2.50	38.7
6-29	do	22.1	.80	2.00	17.7
8-24	do	16.5	2.10	2.50	34.7

## ANDERSON CANAL—DOCKET 151

Diverted from Republican River in Sec. 1, Twp. 1, Rge. 37 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-31	C. E. Franklin	.....	.....	.....	0.0
4-20	Franklin and Whitehead	.....	.....	.....	.0
5- 3	do	.....	.....	.....	.0
5-30	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9- 8	do	.....	.....	.....	.0
10- 6	do	.....	.....	.....	.0

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

ANDERSON CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5-23	C. E. Franklin	.....	.....	.....	0.0
6-19	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-30	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0

## ANDERSON CANAL—DOCKET 373

Diverted from Lodgepole Creek in Sec. 8, Twp. 14, Rge. 51 W.

1924					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
1925					
5- 2	C. E. Franklin	4.6	0.78	.....	3.6
6- 5	do	.....	.....	.....	.0
6-20	do	1.6	.14	.....	.2
7- 9	do	2.8	.61	.....	1.7
8-24	do	.....	.....	.....	.0
1926					
6-11	C. E. Franklin	2.2	1.20	0.88	2.6
7- 2	do	2.9	.34	1.10	.9
7-15	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.3
8- 9	do	.....	.....	.....	.0
8-21	do	.....	.....	.....	.0
8-27	do	1.7	.87	0.72	1.5
1927					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7-19	do	1.2	1.35	0.52	1.6
7-27	do	.....	.....	.....	.0
8- 5	do	1.2	.80	.45	.9
8-18	do	.9	1.78	.42	1.6
9- 2	do	1.4	1.21	.50	1.7
9-27	do	.....	.....	.....	.3
1928					
5- 5	C. E. Franklin	.....	.....	.....	0.3
6- 7	do	1.6	1.00	0.50	1.6
7- 1	do	1.4	.40	.40	.1
7-24	do	.....	.....	.....	.0
8-12	do	.....	.....	.....	.8
9- 5	do	.4	.70	.....	.3
9-18	do	1.2	.67	.42	.8
9-28	do	1.3	.55	.....	.7

## ANTELOPE CANAL—APPLICATION 798

Diverted from Antelope Creek in Sec. 21, Twp. 32, Rge. 40 W.

1923					
8- 9	Ketcham and Heywood	.....	.....	.....	0.0

## MEASUREMENTS OF CANALS—Continued

BARBER CANAL—DOCKET 754—APPLICATION 1111  
Diverted from Clear Creek in Sec. 29, Twp. 16, Rge. 41 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
7-28	G. K. Baumgartner	4.4	1.47	1.10	6.4
8- 6	do	3.2	1.30	.80	4.1
8-13	do	3.6	1.93	.90	6.9
8-23	do	5.0	1.07	.95	5.3
<b>1921</b>					
7- 7	A. H. Atkins	5.60	1.73	1.40	6.2
7-18	do	3.42	1.83	.98	6.2
7-27	do	3.49	1.40	1.00	4.8
8-11	do	1.17	1.59	.....	1.8
9-14	T. C. Palmer	2.10	.90	.60	1.8
<b>1922</b>					
6-17	A. E. Johnston	4.0	1.38	1.00	5.5
7- 1	do	4.0	1.82	1.00	7.3
7-14	do	4.0	2.15	1.00	8.6
7-20	do	3.8	2.07	.90	7.9
8-18	do	.8	.75	.25	.6
9- 1	Johnston and Eyerly	3.2	1.43	.85	4.6
9- 1	A. E. Johnston	7.0	1.52	1.40	10.7
9- 8	Palmer and Lorenzen	3.8	1.34	.90	5.1
9-26	A. E. Johnston	1.4	1.00	.25	1.4
<b>1923</b>					
5-17	A. E. Johnston	1.59	0.79	0.50	1.2
6-29	do	1.07	.71	.50	.7
7-20	do	6.00	1.24	1.50	8.0
7-25	A. H. Atkins	.00	.00	.....	.0
8-11	A. E. Johnston	.00	.00	.....	.0
9-12	do	6.57	.92	1.50	6.0
<b>1924</b>					
6-13	A. E. Johnston	.....	.....	.....	0.0
7-15	do	1.8	2.15	0.40	3.8
8- 2	C. G. Hrubesky	2.0	1.40	.50	2.8
8-16	do	5.3	1.21	1.41	6.5
8-26	A. E. Johnston	3.2	1.25	.80	4.0
9- 1	C. G. Hrubesky	5.2	.95	1.33	4.9
<b>1925</b>					
6-15	A. E. Johnston	3.6	2.56	0.90	9.2
6-25	do	3.6	2.58	.90	9.3
7- 9	do	3.4	2.32	.90	7.9
7-15	do	2.4	1.74	.60	4.2
7-23	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.0
8-13	do	4.80	1.65	1.20	7.9
8-26	do	1.50	1.04	.60	1.6
9-16	do	.68	.85	.60	.5
10-15	do	.66	.74	.70	.4

## MEASUREMENTS OF CANALS—Continued

BARBER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6-14	A. E. Johnston	.....	.....	.....	0.0
6-28	do	3.6	2.52	0.80	9.1
7-23	do	4.0	2.05	1.00	8.2
7-30	do	3.6	2.28	.90	8.2
8-19	do	4.8	1.56	1.25	7.5
9- 2	do	5.2	1.42	1.30	7.4
9-30	do	.....	.....	.00	.0
<b>1927</b>					
6-28	A. E. Johnston	0.8	2.50	0.20	2.0
7-11	A. W. Hall	3.6	2.44	.85	8.8
7-13	Hall and Peterson	4.0	2.30	1.00	9.2
7-16	A. E. Johnston	3.6	2.75	.95	8.1
7-26	do	3.8	2.10	.95	8.0
8- 5	do	3.2	1.87	.80	6.0
8-24	do	1.3	.85	.50	1.1
9-15	do	1.2	.75	.50	.9
<b>1928</b>					
4-25	A. E. Johnston	.....	.....	.....	0.0
5-31	do	.....	.....	.....	.0-
6- 7	do	.....	.....	.....	.0
6-28	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8-10	do	.....	.....	.....	.0
8-27	do	4.8	1.93	1.20	9.3
9- 4	do	6.0	1.86	1.20	11.2
9-18	do	6.0	1.73	1.20	10.4
10-18	do	4.5	.90	.90	5.0

## BARRON CANAL—DOCKET 438—APPLICATION 2024

Diverted from East Ash Creek in Sec. 32, Twp. 32, Rge. 50 W.

<b>1928</b>					
8-17	A. E. Johnston	.....	.....	.....	0.0
9-28	do	1.4	1.07	.....	1.5
10-25	do	.....	.....	.....	.0

## BAY STATE CANAL—DOCKET 347

Diverted from Lodgepole Creek in Sec. 29, Twp. 15, Rge. 55 W.

<b>1924</b>					
9-10	C. G. Hrubesky	1.2	0.87	.....	1.1
<b>1925</b>					
4-28	C. E. Franklin	.....	.....	.....	0.0
5- 5	A. E. Johnston	1.1	0.94	0.60	1.0
5-23	Johnston and Hanne	.....	.....	.....	.0
6- 3	C. E. Franklin	.....	.....	.....	.0
<b>1926</b>					
3-25	C. E. Franklin	2.4	1.09	0.47	2.6
4- 9	do	2.8	1.01	.41	2.9

## MEASUREMENTS OF CANALS—Continued

## BEERLINE CANAL—DOCKET 887

Diverted from North Platte River in Sec. 24, Twp. 19, Rge. 49 W.

Measurements made at rating flume

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
6-14	North and Palmer	9.10	1.31	1.00	11.3
6-23	T. C. Palmer	10.91	1.56	1.15	17.0
6-24	W. F. Chaloupka	7.55	1.33	.90	10.0
6-29	T. C. Palmer	2.70	.85	.40	2.2
7- 8	Earl North	6.13	1.43	.80	8.7
8- 6	T. C. Palmer	4.42	1.00	.65	4.4
8-27	Earl North	8.05	.91	1.00	7.3
8-29	do	8.05	.89	1.00	7.2
9-13	do	12.70	.69	1.50	8.7
9-29	T. C. Palmer	.....	.....	.70	.0
<b>1920</b>					
7- 2	T. C. Palmer	7.65	0.59	0.80	4.4
7- 7	G. K. Baumgartner	9.80	1.41	1.50	13.8
7-23	Palmer and Baumgartner	7.90	.88	1.20	6.9
8-10	G. K. Baumgartner	9.08	.77	1.40	6.3
8-26	do	9.40	.58	1.40	5.4
9- 1	T. C. Palmer	13.40	.60	1.90	8.0
<b>1921</b>					
7-20	A. H. Atkins	6.21	1.45	0.40	8.9
7-23	W. F. Chaloupka	12.05	1.32	.88	15.9
7-25	A. H. Atkins	9.68	1.61	.65	15.5
8- 6	W. F. Chaloupka	1.87	.97	.00	1.8
8-13	*J. K. Rohrer	.....	.....	.....	5.0
8-19	W. F. Chaloupka	10.02	1.26	.73	12.6
8-22	A. H. Atkins	3.05	1.51	.10	4.6
8-27	W. F. Chaloupka	6.15	1.35	.40	8.2
9- 3	do	4.20	1.48	.20	6.2
<b>1922</b>					
6-13	A. E. Johnston	3.4	0.88	0.20	3.0
7-13	A. H. Atkins	10.3	1.54	.82	15.9
7-17	A. E. Johnston	12.0	1.23	1.00	14.8
8- 1	do	4.3	1.13	.40	4.9
8-11	A. H. Atkins	6.8	1.82	.50	12.4
8-16	A. E. Johnston	5.2	1.25	.35	6.5
8-29	A. H. Atkins	14.4	1.53	.90	22.1
9-23	A. E. Johnston	9.5	1.20	.70	11.4
<b>1923</b>					
5-16	A. E. Johnston	0.0	0.00	.....	0.0
6-26	do	9.6	1.32	0.50	12.7
9- 1	do	2.7	1.01	.....	2.7
<b>1924</b>					
7-14	A. E. Johnston	12.8	1.43	0.90	18.4
7-26	do	6.3	1.30	.50	8.2
7-31	C. G. Hrubesky	11.7	1.31	.94	1.5
8-15	do	7.9	1.14	.60	9.0
9- 3	do	10.1	1.12	.75	11.1

\*U. S. R. S. Measurements.



## MEASUREMENTS OF CANALS—Continued

## BEERLINE CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-21	A. E. Johnston	6.9	1.36	0.45	9.4
6-17	do	9.0	1.48	.45	13.3
6-23	do	1.7	.47	.20	.8
7-11	do	9.6	1.42	.50	13.6
7-25	do	16.4	1.44	1.10	23.6
8- 3	do	9.0	1.39	.50	11.2
8-24	do	1.9	1.21	.10	2.3
9-15	do	2.1	.95	.10	2.0
<b>1926</b>					
5-22	A. E. Johnston	5.2	1.05	0.50	5.5
7- 1	do	4.8	1.20	.65	5.9
7-27	do	5.1	1.23	.55	6.3
8-18	do	8.8	1.18	.80	10.4
9- 7	do	8.5	1.15	.75	9.7
<b>1927</b>					
6-17	A. E. Johnston	8.1	1.21	0.75	9.8
6-25	do	12.1	1.18	1.00	14.3
8- 3	do	21.2	1.43	1.65	30.4
9-17	do	4.5	1.05	.40	4.8
10- 8	do	-----	-----	.00	.0
<b>1928</b>					
4-28	A. E. Johnston	-----	-----	-----	0.0
6- 4	do	18.4	2.05	1.40	37.7
7-23	do	-----	-----	-----	.0
8-13	do	-----	-----	-----	.0
9- 7	do	9.6	1.26	.80	12.1
9-21	do	11.9	1.21	.80	14.4

## BELMONT CANAL—DOCKET 823

Diverted from North Platte River in Sec. 18, Twp. 20, Rge. 51 W.

Measurements made at rating flume

<b>1917</b>					
5-22	S. A. Swanson	17.2	1.52	0.72	26.2
6-19	do	28.5	2.00	1.05	57.2
7-20	do	58.9	2.07	1.78	121.7
7-27	do	18.7	1.57	.83	29.6
8-24	D. P. Weeks, Jr.	28.2	1.57	.80	44.5
<b>1918</b>					
6- 6	Wade Flynn	22.0	1.86	0.60	41.0
6-15	W. F. Chaloupka	50.3	2.15	1.50	108.2
6-19	do	66.5	2.24	1.92	149.2
6-21	do	69.3	2.25	2.03	156.4
7- 1	do	78.9	2.55	2.32	201.6
7- 3	do	47.6	1.90	1.37	90.5
7-15	do	81.9	2.57	2.34	210.9
7-24	do	55.6	2.19	1.68	122.2
7-27	do	81.6	2.34	2.34	191.7

## MEASUREMENTS OF CANALS—Continued

BELMONT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
8- 3	W. F. Chaloupka	45.2	2.04	1.47	93.1
8-10	do	77.4	2.34	2.21	190.9
8-19	do	21.9	1.43	.83	31.3
8-26	do	60.0	2.12	1.70	128.8
9-19	do	36.6	1.97	1.19	72.1
<b>1919</b>					
5-15	W. F. Chaloupka	26.3	1.65	0.96	43.4
5-22	do	37.8	2.03	1.16	77.0
5-26	do	48.6	2.19	1.50	106.6
6- 2	do	55.3	2.32	1.62	128.4
6- 9	do	52.6	2.26	1.65	119.1
6-16	do	60.2	2.12	1.80	127.9
6-23	do	63.7	2.27	1.93	144.3
6-30	do	66.2	2.14	1.94	141.7
7- 7	do	74.8	2.21	2.09	165.3
7-14	do	37.4	1.86	1.25	69.8
7-21	do	36.1	1.84	1.20	65.4
7-28	do	76.8	2.35	2.24	180.5
8- 4	do	64.7	2.12	1.87	137.2
8-11	do	65.0	2.25	1.92	146.6
8-16	do	69.4	2.38	2.15	164.9
<b>1920</b>					
6-15	T. C. Palmer	43.2	2.11	1.30	91.3
7- 1	do	55.6	2.32	1.70	129.4
7-16	do	29.1	2.17	1.30	84.7
7-30	do	58.8	2.22	1.75	130.3
8-19	do	71.2	2.42	2.00	172.4
9-10	do	44.4	2.22	1.42	98.5
10- 4	do	44.2	2.65	1.30	117.3
10- 9	do	43.9	2.74	1.37	120.5
<b>1921</b>					
5- 1	T. C. Palmer	19.2	2.64	0.60	50.6
5-13	do	29.9	3.43	1.00	100.2
5-21	do	20.8	3.38	.55	70.6
5-23	do	21.1	3.80	.57	80.2
5-28	W. F. Chaloupka	9.7	3.36	.20	32.3
7- 7	T. C. Palmer	46.4	2.57	1.25	119.5
7-12	*J. K. Rohrer	.....	.....	.....	123.0
7-16	A. H. Atkins	25.3	2.06	.40	52.1
7-22	W. F. Chaloupka	40.3	1.93	1.00	77.3
8- 5	do	74.3	2.30	1.83	170.7
8-11	T. C. Palmer	71.9	3.29	1.95	236.7
8-13	W. F. Chaloupka	80.3	2.30	2.10	197.6
8-20	W. F. Chaloupka	68.3	2.40	1.70	164.5
9- 1	do	54.0	2.66	1.45	143.7
9- 2	do	48.6	2.72	1.20	132.5

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

## BELMONT CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6- 8	T. C. Palmer	47.9	2.29	1.20	109.8
6-14	A. E. Johnston	80.0	2.30	2.00	184.5
6-19	T. C. Palmer	78.8	2.47	2.02	194.7
6-30	do	87.0	2.46	2.24	214.2
7-15	A. H. Atkins	54.3	3.32	1.80	180.8
7-18	do	57.1	2.96	1.50	169.5
7-25	do	68.0	3.62	1.75	246.3
7-25	do	61.0	3.58	1.65	218.8
7-27	do	7.4	3.94	.51	29.3
8- 7	do	35.1	3.92	.80	137.9
8-14	do	53.8	3.58	1.25	192.7
8-28	do	67.6	3.53	1.65	239.3
9- 4	do	72.8	3.48	1.70	253.9
9- 4	do	60.8	3.58	1.50	218.2
9- 4	do	55.8	3.76	1.35	210.2
10- 6	A. E. Johnston	20.8	2.60	.80	54.3
10- 6	do	32.1	3.72	.70	119.6
<b>1923</b>					
5-11	Ketcham and Johnston	.....	.....	.....	0.0
6-25	A. E. Johnston	33.9	2.15	0.70	72.9
6-30	R. H. Willis	28.2	2.49	.60	70.1
7- 3	E. F. Ketcham	48.3	2.17	1.20	105.0
7-31	A. E. Johnston	57.3	2.27	1.40	130.2
8-11	E. F. Ketcham	58.3	2.09	1.50	122.4
8-24	A. E. Johnston	55.9	2.22	1.30	124.5
9- 1	do	20.2	1.14	.....	23.0
9-24	A. H. Atkins	40.7	1.96	1.20	79.7
<b>1924</b>					
5- 3	A. E. Johnston	18.1	1.61	0.40	29.2
5- 5	do	20.6	1.55	.....	32.1
5-10	do	18.7	1.74	.50	32.7
7- 5	do	79.0	2.31	2.00	183.2
7-11	do	79.3	2.38	2.10	189.3
7-26	do	9.7	5.02	.....	48.7
7-30	C. G. Hrubesky	88.0	2.25	2.06	197.5
8-14	do	60.0	2.07	1.54	142.0
8-23	A. E. Johnston	69.0	2.45	1.80	169.0
9- 8	C. G. Hrubesky	75.5	2.24	1.80	169.0
9-20	A. E. Johnston	29.2	1.87	.....	54.7
<b>1925</b>					
4-25	Johnston and Franklin	21.8	1.84	0.02	40.2
5-21	A. E. Johnston	10.8	5.65	.....	61.0
6- 2	A. W. Hall	50.0	2.74	1.20	137.0
6-17	do	34.3	2.84	.80	97.2
6-29	do	54.7	2.68	1.30	146.4
7-13	do	64.0	2.75	1.50	168.2
8-31	do	43.3	1.96	.80	84.8

## MEASUREMENTS OF CANALS—Continued

BELMONT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5- 4	A. W. Hall	27.2	1.64	0.70	44.9
5-17	do	36.6	1.86	.85	68.0
6- 6	do	48.7	2.10	1.21	103.3
6-21	A. W. Hall	43.9	1.52	1.02	66.9
7- 7	do	62.3	2.25	1.75	139.7
7-20	do	57.1	2.10	1.48	120.3
8-19	do	51.9	2.30	1.60	119.2
9-13	do	33.4	2.20	1.02	73.7
<b>1927</b>					
5-18	A. W. Hall	2.7	0.67	0.04	1.8
6- 9	do	47.1	1.95	1.26	91.9
6-14	do	47.1	1.98	1.20	93.6
7- 9	do	.....	.....	1.40	92.4
7-26	do	.....	.....	2.10	196.6
<b>1928</b>					
4-18	A. W. Hall	30.1	1.52	0.60	45.9
5- 5	do	25.5	1.73	.70	44.6
6- 7	do	35.5	1.91	1.15	68.0
7-13	do	54.2	1.79	1.75	97.4
8-20	do	79.0	2.20	2.20	173.9
8-24	do	85.1	2.26	2.25	192.9

## BELMONT CANAL—DOCKET 828

Diverted from North Platte River on line between Secs. 8 and 9, Twp. 19, Rge. 50 W.  
Measurements made at bridge south of Bridgeport

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
5- 9	North and Palmer	32.4	1.18	0.88	38.2
5-15	W. F. Chaloupka	33.4	1.26	.95	40.9
5-22	do	28.6	1.74	1.06	29.8
5-26	do	42.6	1.92	1.40	81.9
6- 2	do	51.1	1.62	1.40	83.0
6- 9	do	45.9	1.59	1.32	73.0
6-16	do	44.3	1.48	1.28	65.6
6-21	do	65.1	1.85	1.94	120.4
6-23	do	59.2	1.57	1.65	93.0
6-30	do	69.0	1.88	1.91	129.4
7- 7	do	70.9	2.01	2.06	142.3
7-14	do	36.6	1.29	1.04	47.2
7-21	do	33.1	.83	.84	27.4
7-28	do	67.9	1.96	2.00	133.1
8- 4	do	34.2	1.04	1.00	35.6
8-11	do	62.8	1.57	1.76	99.0
9-20	T. C. Palmer	36.2	1.89	1.25	68.7

## MEASUREMENTS OF CANALS—Continued

## BELMONT CANAL—DOCKET 828

Diverted from North Platte River on line between Secs. 23 and 24, Twp. 19, Rge. 50 W.  
Measurements made at Finn bridge

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
5-15	W. F. Chaloupka	18.8	1.62	1.30	30.4
5-22	do	21.2	1.86	1.46	39.3
5-26	do	26.0	2.23	1.83	58.0
6- 2	do	29.8	2.19	2.00	65.3
6- 9	do	25.7	2.19	1.80	56.4
6-16	do	21.9	1.90	1.54	41.7
6-21	do	37.7	2.34	2.50	88.4
7- 1	do	35.4	2.35	2.40	83.5
7-14	do	16.8	1.52	1.98	25.7
7-21	do	11.3	1.22	.80	13.8
7-28	do	39.9	2.34	2.58	93.6
8- 4	do	14.8	1.48	1.12	21.9
8-11	do	34.4	2.27	2.27	78.2
9-20	do	23.5	1.94	.65	45.7

## BELMONT FEEDER—APPLICATION 1397

Diverted from Cedar Creek Above Belmont Canal in Sec. 23, Twp. 18, Rge. 48 W.

<b>1919</b>					
5-10	Palmer and North	7.6	1.29	.....	9.8
5-17	T. C. Palmer	6.0	1.30	.....	7.8
5-24	do	6.5	1.58	.....	10.3
6-14	North and Palmer	5.3	.68	.....	3.6
6-28	T. C. Palmer	8.9	.61	.....	5.4
9-29	do	8.0	1.16	.....	9.2
<b>1922</b>					
5-10	A. E. Johnston	14.0	0.60	.....	8.5
5-29	do	12.5	4.88	.....	6.1
6-13	do	13.4	.39	.....	5.3
6-29	do	15.2	.41	.....	6.3
7-17	do	7.9	.72	.....	5.7
7-24	A. W. Atkins	4.5	1.68	.....	7.6
8- 1	A. E. Johnston	9.5	.68	.....	6.5
8-16	do	13.0	.63	.....	8.3
9-23	do	6.5	1.61	.....	10.5
10-16	do	6.2	.70	.....	4.4
<b>1923</b>					
5-15	A. E. Johnston	8.2	1.13	.....	9.2
5-28	do	.....	.....	.....	.0
6-27	do	12.8	.81	.....	10.5
9- 1	do	5.6	1.17	.....	6.6
<b>1924</b>					
5- 5	A. E. Johnston	12.1	1.25	.....	3.1
7-26	do	1.3	3.28	.....	4.3
<b>1925</b>					
5-21	A. E. Johnston	6.0	0.58	.....	3.5
7-14	A. W. Hall	6.3	1.64	.....	10.3

MEASUREMENTS OF CANALS—Continued

BELMONT FEEDER  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
7-27	A. E. Johnston	10.7	1.04	.....	11.1
8-18	do	11.2	.84	.....	9.4
9- 7	do	8.3	1.59	.....	13.2
10- 1	do	5.9	1.59	.....	9.4
10-27	do	.....	.....	.....	11.3
11-13	do	.....	.....	.....	11.5
<b>1927</b>					
4- 4	A. E. Johnston	.....	.....	.....	0.0
6-17	do	10.1	0.98	.....	9.9
6-25	do	10.1	.77	.....	8.0
7-28	do	13.7	.60	.....	8.2
8- 4	do	6.2	1.72	.....	10.7
8-26	do	9.9	1.10	.....	10.9
9-17	do	6.0	1.29	.....	7.7
<b>1928</b>					
5-27	A. E. Johnston	7.0	1.57	.....	11.1
6- 5	do	10.4	1.07	.....	11.2
7-23	do	11.0	1.22	.....	13.5
8-13	do	8.9	1.24	.....	11.0
9- 7	do	8.3	1.53	.....	12.7

BELMONT FEEDER—APPLICATION 1397

Diverted from Cedar Creek Below Belmont Canal in Sec. 23, Twp. 18, Rge. 48 W.

<b>1919</b>					
5-10	Palmer and North	8.3	1.15	1.68	9.5
5-14	do	7.0	1.32	1.31	9.2
5-17	T. C. Palmer	2.7	1.06	.90	2.9
5-24	do	5.2	1.38	1.45	9.9
5-26	Earl North	5.0	1.17	1.15	5.8
6-28	T. C. Palmer	20.5	1.69	2.15	34.6
7-29	do	16.5	1.53	1.45	25.2
<b>1922</b>					
5-29	A. E. Johnston	26.6	1.37	.....	36.6
6-13	do	27.2	1.50	.....	41.0
6-29	do	24.9	1.72	.....	42.9
7-17	do	22.4	1.16	.....	26.0
8- 1	do	26.0	1.44	.....	37.6
10-16	do	12.1	1.89	.....	22.9

BENKLEMAN CANAL—APPLICATION 373

Diverted from Spring Creek in Sec. 19, Twp. 1, Rge. 37 W.

<b>1923</b>					
8-28	E. F. Ketcham	.....	.....	.....	0.0

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

## BENNETT RESERVOIR—APPLICATION 1975

Diverted from Lodgepole Creek in Sec. 22, Twp. 15, Rge. 55 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
7-31	C. E. Franklin	.....	.....	1.10	0.0
8-13	do	.....	.....	1.06	.0
8-27	do	.....	.....	.....	.0
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	12.7
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
<b>1928</b>					
1-18	C. E. Franklin	.....	.....	.....	†3.0
2- 4	do	2.8	1.07	.....	3.0
2-24	do	.....	.....	.....	Ice
3-16	do	2.4	1.75	.....	4.3
4- 4	do	1.1	.87	.....	.9
6- 7	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	141.5
7-20	do	.....	.....	.....	.0
7-24	do	.....	.....	13.02	.....
8-12	do	.....	.....	11.60	.....
8-24	do	.....	.....	11.90	.....
9-17	do	.....	.....	9.80	.....
9-26	do	.....	.....	9.10	.....
10-16	do	.....	.....	7.85	.....
10-25	do	.....	.....	10.80	.....
11-19	do	.....	.....	13.40	.....
12-17	do	.....	.....	12.65	.....

## BENNETT CANAL—APPLICATIONS 691, 934

Diverted from Lodgepole Creek in Sec. 29, Twp. 15, Rge. 55 W.

<b>1925</b>					
6-19	C. E. Franklin	2.0	1.75	.....	3.5
7- 8	do	.3	.66	.....	.2
7-10	I. S. Walker	.....	.....	.....	*.....
8- 5	C. E. Franklin	1.0	.36	.....	.3
8-16	do	4.3	.40	.....	1.7
9-10	do	4.2	.32	.....	1.3
<b>1926</b>					
6- 8	C. E. Franklin	2.1	1.05	1.00	2.0
7- 3	do	2.7	1.00	.46	2.7
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	0.80	0.8
4-27	do	.....	.....	.80	.0
5-12	do	.....	.....	.....	†.5
5-12	do	.....	.....	.....	.5
5-26	do	.....	.....	.....	†.1
8- 5	do	5.0	0.60	1.80	3.0
8-17	do	3.8	.29	1.20	1.1
9- 1	do	1.9	.79	1.30	1.5

\*Bennett Canal filled to capacity.

†Estimated.

MEASUREMENTS OF CANALS—Continued

BENNETT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
3-16	C. E. Franklin	1.0	0.80	.....	0.8
5- 4	do	.....	.....	.....	.0
6- 7	do	4.1	1.19	1.29	5.9
6-30	do	.....	.....	.25	.0
7-20	do	4.9	1.85	1.55	9.1
8-12	do	7.4	1.55	1.76	11.5
8-24	do	3.6	.46	1.20	1.7
9-17	do	3.4	.11	.84	3.6
9-26	do	5.1	1.33	1.60	6.8
10-16	do	.....	.....	.....	.0

BICKEL CANAL—DOCKET 347—APPLICATIONS 719, 724  
Diverted from Lodgepole Creek in Sec. 30, Twp. 15, Rge. 55 W.

1924					
9-10	C. G. Hrubesky	.....	.....	.....	0.0
1925					
4-12	A. W. Hall	3.9	0.27	.....	1.0
7- 7	C. E. Franklin	.5	.17	.....	.1
8-15	do	.....	.....	.....	.0
1926					
4-23	C. E. Franklin	2.3	1.00	0.37	2.3
6- 2	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
1927					
4- 6	C. E. Franklin	.....	.....	0.70	4.0
4-26	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
5-24	do	.....	.....	.02	.0
7- 1	do	.....	.....	.....	.0
7-16	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
8-22	A. W. Hall	.....	.....	.....	.0
8-31	C. E. Franklin	.....	.....	.....	.0
9-24	do	.....	.....	.....	.0
1928					
5- 4	C. E. Franklin	.....	.....	0.50	2.4
6- 5	do	.....	.....	.59	3.1
6-28	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-23	do	.....	.....	.....	.0
9-15	do	4.2	1.47	.....	6.2
9-26	do	.5	.60	.....	.3
10-16	do	2.3	.57	.....	1.3
10-25	do	2.5	1.00	.....	2.5



## MEASUREMENTS OF CANALS—Continued

## BIGELOW-SEYMOUR CANAL—DOCKET 510

Diverted from Niobrara River in Sec. 19, Twp. 31, Rge. 57 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
6-21	A. E. Johnston	.....	.....	.....	0.0
8-30	do	.....	.....	.....	.0
<b>1928</b>					
8-15	A. E. Johnston	.....	.....	.....	0.0
9-26	do	.....	.....	.....	.0
10-24	do	.....	.....	.....	.0

## BIRDWOOD CANAL—DOCKET 646

Diverted from Birdwood Creek in Sec. 35, Twp. 15, Rge. 33 W.

<b>1919</b>					
9- 2	Earl North	6.3	1.23	0.90	7.7
<b>1920</b>					
7-12	G. K. Baumgartner	21.1	0.69	1.10	14.5
7-17	do	13.5	.93	1.10	12.6
7-31	do	18.9	1.02	2.50	19.3
8- 5	do	12.2	1.12	1.00	13.6
8-16	do	10.6	.93	1.00	9.8
8-20	do	12.2	.73	.90	8.9
9- 6	Palmer and Willis	5.8	1.22	.75	7.0
<b>1921</b>					
5- 4	T. C. Palmer	10.9	1.24	1.20	13.5
7- 8	A. H. Atkins	16.6	.97	1.35	16.0
7-15	do	15.8	1.12	1.36	17.6
8-12	do	17.3	1.51	2.50	26.3
8-18	do	13.4	1.00	1.00	13.5
<b>1922</b>					
5- 3	A. E. Johnston	11.3	0.79	0.80	8.9
6- 8	do	11.4	.75	.80	8.5
6-26	do	19.8	1.74	2.50	4.6
7-10	do	12.5	.75	.70	9.4
7-22	do	11.7	.87	.90	10.2
7-29	do	10.1	.70	.80	7.1
8- 8	do	10.4	.87	.75	9.1
8-12	do	13.8	1.15	1.10	15.9
8-30	do	12.3	.93	.83	11.5
9- 5	Johnston and Eyerly	12.2	.91	.95	11.2
9-20	Johnston and Easterday	13.0	.93	.....	12.2
9-30	A. E. Johnston	12.7	.79	1.05	8.8
<b>1923</b>					
5-18	A. E. Johnston	6.7	0.77	.....	5.2
5-30	do	8.1	.81	.....	6.6
6-14	do	.0	.00	.....	.0
6-30	do	8.3	1.11	.....	9.3
7-11	A. H. Atkins	18.7	1.87	1.70	35.2
7-27	do	.0	.00	.....	.0
7-30	E. F. Ketcham	9.8	1.22	1.10	12.0
8-10	A. E. Johnston	.0	.00	.00	.0

## MEASUREMENTS OF CANALS—Continued

BIRDWOOD CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
8-27	A. H. Atkins	6.9	.83	.....	6.0
9- 8	do	8.3	.87	.....	7.3
9-13	A. E. Johnston	9.3	1.28	1.05	12.0
10-18	do	6.2	.20	.50	2.0
<b>1924</b>					
5-22	A. E. Johnston	10.9	0.74	1.20	8.2
6-16	do	6.0	.72	.....	4.0
7-17	do	13.4	1.26	1.50	17.0
7-23	do	13.0	1.06	1.45	14.0
8- 4	C. G. Hrubesky	18.6	1.55	1.70	29.0
8-19	do	10.0	.81	.74	8.1
8-30	do	15.4	1.22	1.62	18.9
<b>1925</b>					
5- 7	A. E. Johnston	12.5	1.35	1.60	16.9
5-18	do	7.8	1.36	.95	10.4
6- 5	do	.....	.....	.....	.0
6-13	do	12.5	1.10	1.15	13.8
6-27	do	12.5	1.79	1.50	22.4
7- 8	do	11.0	1.61	1.30	17.8
7-20	do	14.0	1.55	1.68	21.7
8- 5	do	15.1	1.56	1.55	23.6
8-12	do	.....	.....	.....	*.....
8-27	do	10.6	.99	.85	10.5
9- 3	do	10.6	.72	.90	7.6
9-17	do	10.9	.71	.80	8.4
9-24	do	10.4	.75	.80	7.8
<b>1926</b>					
4-28	A. E. Johnston	15.0	1.14	1.30	17.2
5-19	do	16.3	1.31	1.30	21.3
6-12	do	15.0	1.30	1.20	19.6
6-26	do	.....	.....	.....	.0
7-22	do	18.7	1.43	1.50	26.7
7-31	do	13.4	1.16	1.00	15.6
8- 8	do	20.1	1.52	1.70	30.6
8-21	do	12.9	1.00	.90	12.9
9- 1	do	17.5	1.07	1.40	18.7
9-28	do	.....	.....	.00	.0
<b>1927</b>					
5- 5	A. E. Johnston	.....	.....	.....	0.0
5-20	do	12.0	1.26	1.20	15.2
6-14	do	1.8	.72	.20	1.3
6-30	do	14.5	1.63	1.70	23.7
7-15	do	9.4	.45	.60	4.2
7-25	do	9.7	1.54	1.10	14.9
8- 6	do	7.5	1.08	1.00	8.1
8-23	do	6.4	1.01	.90	6.5
9-14	do	6.7	1.01	.90	6.8
10- 6	do	8.1	1.01	1.20	8.2
10-28	do	5.9	1.24	.90	7.3

\*Washed out on account of rains.

## MEASUREMENTS OF CANALS—Continued

BIRDWOOD CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
4-24	A. E. Johnston	.....	.....	.....	0.0
5-29	do	.....	.....	.....	.0
6-27	do	15.9	0.86	1.40	13.7
7-18	do	11.0	1.12	1.20	12.4
7-26	do	10.2	1.02	1.10	10.4
8- 9	do	11.8	1.26	1.25	14.9
8-21	do	10.7	1.16	1.20	12.4
8-28	do	14.8	1.28	1.60	18.9
9- 3	do	13.5	1.18	1.45	16.0
9-17	do	11.1	.84	1.20	9.3
10-17	do	9.0	.62	.90	5.6

## BIRDWOOD CANAL, WEST—DOCKET 652

Diverted from Birdwood Creek in Sec. 22, Twp. 15, Rge. 33 W.

Measurements made below dam.

1925

5- 7	A. E. Johnston	.....	.....	.....	0.0
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## BLOOMINGTON CANAL—APPLICATION 483

Diverted from Big Cottonwood in Sec. 25, Twp. 2, Rge. 16 W.

1926

7-23	C. E. Franklin	7.6	0.44	.....	3.4
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## BLUE CREEK IRRIGATION DISTRICT CANAL—DOCKETS 785 AND 795

Diverted from Blue Creek in Sec. 33, Twp. 17, Rge. 42 W.

Measurements made at rating flume.

1917

7-11	L. D. Horrocks	21.8	1.67	1.96	36.2
7-11	do	12.5	.94	1.21	11.7
7-11	do	9.7	1.08	.90	10.5
7-27	Willis and Horrocks	19.1	1.61	1.60	28.9

1918

5-18	T. C. Palmer	13.2	1.12	1.40	14.8
6- 2	do	21.9	1.28	1.85	28.8
6- 7	do	15.5	1.76	1.70	27.3
6-18	do	18.6	1.56	1.70	29.0
6-27	Palmer and Hartman	20.9	1.49	1.92	31.1
7- 7	do	10.1	1.25	1.75	23.9
7-13	T. C. Palmer	25.4	1.48	2.44	37.7
7-27	do	23.0	1.38	2.15	31.8
8-11	do	18.0	.94	1.58	16.9
8-11	do	23.0	1.22	2.01	28.1
8-11	do	25.0	1.26	2.25	31.4
8-31	do	21.4	1.21	2.05	25.9
9- 8	do	22.2	1.22	2.05	27.2
9-13	do	14.7	1.31	1.69	19.3
9-27	do	11.0	1.06	1.41	12.6

## MEASUREMENTS OF CANALS—Continued

BLUE CREEK IRRIGATION DISTRICT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
5-28	Earl North	9.7	1.27	1.40	12.3
6-13	do	19.9	1.23	2.10	24.5
6-20	do	18.3	1.51	2.00	27.7
7- 8	do	.....	.....	.....	.0
7-15	do	19.1	1.34	2.00	25.6
8- 5	Palmer and Hartman	24.2	1.41	2.24	34.1
8-25	Earl North	6.3	.82	1.05	5.2
8-30	do	18.6	1.43	1.80	26.7
9- 8	do	32.6	1.51	2.40	35.8
9-15	do	21.8	1.14	2.30	24.7
9-23	do	16.2	1.37	1.80	22.2
<b>1920</b>					
6-18	G. K. Baumgartner	5.9	0.84	0.85	4.9
6-24	do	8.3	1.00	.95	8.3
7- 9	do	17.6	1.87	1.60	32.9
7-20	do	12.0	1.56	1.00	18.8
7-27	do	17.6	2.10	1.60	36.9
7-29	do	17.6	2.00	1.60	35.2
8- 6	do	22.0	2.15	1.80	47.5
8-12	do	22.0	1.85	1.90	40.7
8-24	do	11.0	1.55	1.00	17.0
9- 2	Willis and Palmer	13.8	1.86	1.35	25.6
<b>1921</b>					
6-21	A. H. Atkins	11.5	1.94	.....	22.3
7- 6	do	19.7	1.85	1.91	36.5
7- 9	T. C. Palmer	18.2	1.81	1.70	32.8
7-16	A. H. Atkins	12.3	2.06	2.40	52.1
7-27	do	23.5	2.10	2.15	49.3
8-10	do	23.6	2.06	2.11	48.8
8-19	do	16.1	1.72	1.50	27.8
8-30	do	15.8	1.76	1.52	27.8
9-12	T. C. Palmer	13.0	1.65	1.40	21.4
10-13	do	11.5	1.49	1.20	17.1
<b>1922</b>					
6-16	A. E. Johnston	19.0	1.66	1.90	31.6
7- 1	do	19.6	1.63	1.70	33.2
7-14	do	16.9	1.68	1.60	28.5
7-20	do	21.3	1.67	1.95	35.7
8-18	do	26.8	1.63	2.30	43.9
9- 1	do	27.5	1.71	2.50	47.2
9- 7	T. C. Palmer	.0	.00	.00	.0
9- 8	Palmer and Lorenzen	12.4	1.13	1.03	14.7
9- 8	do	16.1	1.03	.90	16.6
9-16	Johnston and Easterday	12.9	1.42	1.38	18.4
9-25	A. E. Johnston	22.0	1.56	2.00	34.5

## MEASUREMENTS OF CANALS—Continued

BLUE CREEK IRRIGATION DISTRICT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-16	A. E. Johnston	20.0	1.17	1.70	23.4
6-28	do	5.2	.76	.70	3.9
7- 6	E. F. Ketcham	17.7	1.19	1.63	21.1
7-20	A. E. Johnston	24.2	1.63	.....	39.6
7-24	A. H. Atkins	8.9	1.95	1.20	17.3
8-25	do	6.6	1.06	1.00	6.9
9-11	A. E. Johnston	24.5	1.53	2.30	37.7
9-26	A. H. Atkins	16.7	1.47	2.00	24.6
<b>1924</b>					
5-20	A. E. Johnston	12.8	1.63	1.50	20.9
6-13	do	8.9	1.12	1.10	10.0
7-15	do	33.6	1.66	2.90	56.1
7-24	do	22.8	2.07	1.90	47.3
8- 1	C. G. Hrubesky	16.3	1.42	.80	23.7
8-16	do	21.0	1.67	1.70	35.1
8-27	A. E. Johnston	27.1	1.89	2.50	51.3
9- 2	C. G. Hrubesky	23.8	1.76	.....	42.0
10- 6	A. E. Johnston	6.5	1.11	1.30	7.2
<b>1925</b>					
5-20	A. E. Johnston	21.8	1.44	2.00	33.7
6- 2	do	14.3	1.51	1.70	21.6
6-15	do	17.1	1.21	1.85	20.7
6-25	do	23.4	1.41	2.10	33.1
7-10	do	7.0	1.10	1.10	7.8
7-14	do	12.6	1.08	1.25	13.7
7-23	do	18.9	1.52	1.90	28.8
8- 4	do	26.4	1.71	2.50	45.3
8-25	do	17.9	1.62	2.00	29.0
9-15	do	11.0	1.87	1.75	20.6
10-16	do	4.0	1.00	1.30	4.0
<b>1926</b>					
5-21	A. E. Johnston	7.6	0.84	1.15	6.4
6-15	do	22.5	1.62	.....	36.5
6-29	do	27.3	1.66	2.50	45.3
7-24	do	18.1	1.32	1.90	24.0
7-28	do	25.0	1.73	2.40	43.4
7-29	do	27.6	1.69	.....	46.7
7-29	do	24.3	1.57	2.30	38.1
8- 3	A. W. Hall	22.3	2.52	.00	56.4
8- 9	A. E. Johnston	30.8	1.89	2.85	59.2
8-19	do	26.7	1.71	2.50	45.5
9- 3	do	26.5	1.61	2.50	42.7
9-30	do	10.2	1.93	1.70	19.6

MEASUREMENTS OF CANALS—Continued

BLUE CREEK IRRIGATION DISTRICT CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5-21	A. E. Johnston	15.2	1.20	1.55	18.2
6-28	do	8.5	.94	1.00	8.0
7-16	do	24.8	2.09	2.35	51.8
7-27	do	25.2	2.24	2.60	56.8
8- 5	do	12.4	1.55	1.50	19.3
8-25	do	9.5	1.20	1.30	11.4
9-16	do	5.9	1.20	1.10	7.1
<b>1928</b>					
4-26	A. E. Johnston	18.4	1.76	1.90	32.4
6- 1	do	17.3	1.40	1.70	24.2
6- 6	do	15.0	.97	1.50	14.6
6-29	do	4.4	.52	.60	2.3
7-24	do	12.7	1.10	1.30	14.0
8-10	do	6.8	.78	.80	5.3
8-27	do	27.0	1.79	2.50	48.4
9- 5	do	22.5	1.67	2.15	37.7
9-19	do	23.9	1.61	2.20	38.6
10-19	do	5.9	1.37	1.20	8.1

BLUHM CANAL—APPLICATION 1811

Diverted from Lodgepole Creek in Sec. 36, Twp. 14, Rge. 48 W.

<b>1928</b>					
5-31	C. E. Franklin	.....	.....	.....	0.0
6- 9	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

BOOTH'S SOUTH SIDE CANAL—DOCKETS 309, 310

Diverted from Lodgepole Creek in Sec. 29, Twp. 14, Rge. 47 W.

<b>1924</b>					
9-13	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
6- 6	C. E. Franklin	0.9	2.34	.....	2.1
6-26	do	3.8	1.08	.....	4.1
7-10	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

BOOTH'S SOUTH SIDE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
6-10	C. E. Franklin	3.8	1.25	1.00	4.7
7- 9	do	4.0	1.21	1.00	4.9
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 7	C. E. Franklin	.....	.....	.....	0.0
5-31	do	.....	.....	0.15	.0
6-13	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

## BOOTH'S NORTH SIDE CANAL—DOCKETS 309, 310

Diverted from Lodgepole Creek in Sec. 29, Twp. 14, Rge. 47 W.

<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 7	C. E. Franklin	.....	.....	.....	0.0
5-31	do	4.4	0.82	1.23	3.7
6-13	do	4.3	1.39	1.20	6.0
7-25	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

## BORDWELL CANAL—DOCKET 303

Diverted from Lodgepole Creek in Sec. 35, Twp. 14, Rge. 49 W.

<b>1923</b>					
8- 1	A. E. Johnston	.....	.....	.....	0.0
<b>1925</b>					
5- 5	C. E. Franklin	2.9	2.05	0.50	5.9
6-20	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0

MEASUREMENTS OF CANALS—Continued

BORDWELL CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
7- 8	C. E. Franklin	.....	.....	.....	0.0
8- 5	do	.....	.....	.....	.1
8-18	do	1.5	0.34	0.60	1.3
9- 1	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	C. E. Franklin	.....	.....	.....	0.0
5-30	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7- 3	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>BORDWELL CANAL—DOCKET 302</b>					
Diverted from Lodgepole Creek in Sec. 35, Twp. 14, Rge. 49 W.					
<b>1926</b>					
7- 8	C. E. Franklin	1.6	0.60	0.59	1.0
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 1	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	C. E. Franklin	.....	.....	.....	0.0
5-30	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7- 3	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0



## MEASUREMENTS OF CANALS—Continued

## BORQUIST CANAL—DOCKET 300

Diverted from Lodgepole Creek in Sec. 34, Twp. 14, Rge. 49 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
8- 1	A. E. Johnston	0.5	4.52	.....	2.2
<b>1924</b>					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
5- 5	C. E. Franklin	2.0	2.55	.....	5.1
6-20	do	.....	.....	.....	.0
7-10	do	1.4	2.16	0.80	3.0
<b>1926</b>					
7- 8	C. E. Franklin	1.0	1.04	0.35	1.0
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 1	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	C. E. Franklin	.....	.....	.....	0.0
5-30	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7- 3	do	.....	.....	.....	†.5
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

## BORQUIST CANAL—DOCKET 301

Diverted from Lodgepole Creek in Sec. 34, Twp. 14, Rge. 49 W.

<b>1926</b>					
7- 8	C. E. Franklin	1.0	1.04	0.35	1.0
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 1	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-20	do	5.0	0.98	1.00	4.9
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

†Estimated.

MEASUREMENTS OF CANALS—Continued

BORQUIST CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5- 5	C. E. Franklin	3.7	0.81	.....	3.0
5-30	do	1.7	.77	.....	1.3
6- 8	do	1.9	.79	.....	1.5
7- 3	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

BRADDOCK CANAL—APPLICATION 2033

Diverted from Beaver Creek in Sec. 18, Twp. 34, Rge. 46 W.

1928					
8-17	A. E. Johnston	1.0	0.25	.....	0.2

BRADY CANAL—DOCKET 352

Diverted from Lodgepole Creek in Sec. 29, Twp. 15, Rge. 55 W.

1924					
9-10	C. G. Hrubesky	.....	.....	.....	0.0

1925					
5- 1	C. E. Franklin	3.5	0.46	.....	1.6
6- 5	do	.....	.....	.....	.0
6-19	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	*.....

BROWN CREEK CANAL—DOCKETS 857 AND 1033

Diverted from North Platte River in Sec. 20, Twp. 20, Rge. 50 W.

Measurements made at rating flume

1917					
7- 3	S. A. Swanson	36.9	1.89	1.55	70.0
7-18	do	61.7	1.97	2.32	122.8
7-25	L. D. Horrocks	55.9	1.91	2.20	106.5
8- 3	J. K. Rohrer	.....	.....	1.80	82.0
8-25	D. P. Weeks Jr.	23.1	1.15	1.00	26.8
9-25	J. K. Rohrer	.....	.....	1.31	50.0
1918					
5-21	Wade Flynn	26.0	1.46	1.00	38.0
6-13	do	26.0	1.26	.95	32.9
6-13	do	31.2	1.71	1.16	53.5
6-21	W. F. Chaloupka	44.6	2.05	1.70	91.7
6-24	T. C. Palmer	49.4	2.07	1.90	102.5
6-26	W. F. Chaloupka	49.8	2.44	1.90	121.9
7- 3	Wade Flynn	54.6	2.05	2.10	112.0
7-15	W. F. Chaloupka	52.8	2.24	1.98	118.5
7-24	do	45.5	2.42	1.70	110.2
7-27	do	20.8	1.09	.75	22.8
8-10	do	29.6	2.11	1.20	62.4
8-13	do	26.8	1.99	.95	53.5
8-19	do	18.8	1.60	.74	30.2
8-23	Wade Flynn	20.8	1.34	.78	27.9
8-26	W. F. Chaloupka	23.8	1.70	.87	40.6

\*Dam washed out.

## MEASUREMENTS OF CANALS—Continued

BROWN CREEK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
5-19	T. C. Palmer	13.0	1.41	0.50	18.3
5-22	W. F. Chaloupka	20.8	2.07	.75	43.1
5-26	T. C. Palmer	26.0	1.99	1.00	51.8
6- 6	do	35.0	2.43	1.40	84.7
6-21	do	.....	.....	.....	.0
7-11	do	19.5	2.38	.76	46.3
9- 5	do	20.8	2.60	.75	54.1
9-27	do	11.4	1.91	.40	21.8
<b>1920</b>					
6-20	T. C. Palmer	17.9	2.18	0.65	39.0
7-12	do	22.6	2.76	.82	62.1
8-10	do	23.8	2.93	.92	69.7
9-25	do	14.2	2.60	.50	36.8
<b>1921</b>					
7- 6	W. F. Chaloupka	32.4	2.63	1.30	85.8
7-12	*J. K. Rohrer	.....	.....	1.20	74.0
7-23	W. F. Chaloupka	33.4	2.48	1.40	82.9
7-29	do	24.5	2.66	1.05	65.1
8- 6	do	22.7	2.86	.97	64.9
8-13	do	16.7	2.84	.68	47.6
8-19	do	21.1	3.09	.87	64.3
9- 2	do	16.3	2.96	.68	48.3
9-16	T. C. Palmer	9.9	2.25	.40	22.3
<b>1922</b>					
6- 1	T. C. Palmer	19.6	3.26	0.95	63.8
6-13	do	7.8	1.98	.30	15.5
6-19	do	32.2	2.65	1.30	85.5
6-29	A. E. Johnston	31.2	2.63	1.25	82.1
6-30	T. C. Palmer	31.4	2.71	1.25	85.1
7- 3	A. H. Atkins	43.2	2.77	1.65	120.0
7-12	do	31.2	3.08	1.25	96.3
7-15	do	15.6	3.24	.70	50.6
7-17	A. E. Johnston	14.6	2.18	.55	31.8
7-22	A. H. Atkins	7.8	2.07	.40	16.2
7-29	do	28.6	3.58	1.22	102.4
8- 1	A. E. Johnston	20.8	3.07	.80	63.9
8- 7	A. H. Atkins	26.0	3.34	1.05	87.0
8-14	do	10.4	2.62	.40	27.3
8-16	A. E. Johnston	7.8	2.19	.30	17.1
8-28	A. H. Atkins	24.4	3.60	1.00	90.1
9-11	A. E. Johnston	18.2	3.06	.65	55.7
9-15	Palmer and Easterday	19.6	2.95	.75	58.0
9-23	T. C. Palmer	23.5	2.79	.90	65.7
<b>1923</b>					
6-25	A. E. Johnston	18.1	1.77	.....	32.1
8-18	E. F. Ketcham	22.1	1.74	.....	38.5
8-20	do	15.6	1.89	0.60	29.5
8-30	A. E. Johnston	11.0	1.61	.....	17.8
9-20	A. H. Atkins	26.1	2.32	1.10	60.7

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

BROWN CREEK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
6- 5	A. E. Johnston	13.4	1.12	0.80	15.0
7-11	do	28.0	1.94	1.10	54.4
7-30	C. G. Hrubesky	23.8	2.17	1.00	51.7
8-14	do	38.3	2.13	1.57	81.7
<b>1925</b>					
5-18	A. W. Hall	38.2	2.34	1.60	89.4
6-10	do	25.6	2.11	1.10	57.0
6-18	do	32.1	2.23	1.30	71.6
6-29	do	20.0	1.84	.80	36.9
7-11	A. E. Johnston	39.0	2.49	1.50	97.1
7-13	Hall and Lambert	23.8	2.02	1.00	48.0
7-29	A. W. Hall	33.9	1.93	1.40	65.7
8- 1	A. E. Johnston	39.8	2.45	1.60	97.9
8-31	A. W. Hall	36.1	1.92	1.52	69.9
9-14	A. E. Johnston	38.9	2.24	1.50	87.2
<b>1926</b>					
5-18	A. W. Hall	20.4	1.14	1.80	23.3
6- 6	do	17.2	1.73	1.90	29.8
6-20	do	3.1	1.26	.80	3.9
7- 2	A. E. Johnston	27.3	1.79	2.50	49.0
7-20	A. W. Hall	21.5	1.63	1.30	35.2
7-26	A. E. Johnston	36.3	1.92	2.25	69.8
8-16	do	33.5	1.73	2.90	58.0
9- 1	A. W. Hall	25.4	1.56	2.30	39.7
<b>1927</b>					
5-24	A. W. Hall	19.4	1.39	2.00	27.1
6-14	do	18.6	1.37	1.70	25.6
6-17	A. E. Johnston	14.2	1.66	1.60	23.6
6-25	do	21.2	1.61	2.10	34.1
7-14	A. W. Hall	18.6	1.37	1.70	25.6
8- 3	A. E. Johnston	29.5	2.18	2.98	64.5
9-10	A. W. Hall	.....	.....	1.00	.7
<b>1928</b>					
5- 8	A. W. Hall	33.2	1.60	2.50	53.3
6- 4	A. E. Johnston	21.7	2.13	2.55	46.4
6- 6	A. W. Hall	21.0	2.10	2.60	44.3
7- 2	do	20.6	1.71	2.60	35.2
7-21	A. E. Johnston	.....	.....	.....	.0
8-13	do	33.0	1.50	3.00	49.6
8-24	A. W. Hall	37.2	1.58	2.95	58.8
9- 7	A. E. Johnston	41.2	1.42	3.20	58.5
9-12	A. W. Hall	44.3	1.37	3.30	60.9
9-21	A. E. Johnston	28.1	1.08	2.50	30.5

## MEASUREMENTS OF CANALS—Continued

BULLOCK CANAL—DOCKET 296—APPLICATION 437  
Diverted from Lodgepole Creek in Sec. 3, Twp. 13, Rge. 46 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
8- 2	A. E. Johnston	.....	.....	.....	0.0
<b>1924</b>					
6- 4	A. E. Johnston	.....	.....	.....	0.0
6-28	do	.....	.....	.....	.0
9-13	C. G. Hrubesky	.....	.....	.....	.0
<b>1925</b>					
4-17	A. E. Johnston	6.2	0.79	.....	4.9
6-21	C. E. Franklin	.9	.67	.....	.6
7-10	do	.....	.....	.....	†.2
<b>1926</b>					
6-12	C. E. Franklin	0.1	0.60	0.40	0.1
7- 9	do	.....	.....	.40	.3
8- 6	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
<b>1927</b>					
4- 2	C. E. Franklin	.....	.....	.....	0.0
4-11	do	.....	.....	.....	.0
7-21	do	2.2	0.87	0.50	1.9
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
6- 2	C. E. Franklin	.....	.....	.....	0.0
6-13	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

## BURKE-KENT CANAL—DOCKET 636

(See Kent-Burke)

Diverted from Pawnee Creek in Sec. 13, Twp. 13, Rge. 28 W.  
Measurements made at rating flume

<b>1921</b>					
7-11	A. H. Atkins	0.9	1.06	.....	0.9
<b>1923</b>					
7-29	A. H. Atkins	.....	.....	.....	0.0
9-29	do	.....	.....	.....	.0
<b>1924</b>					
5-24	A. E. Johnston	2.5	1.03	.....	2.6
6-18	do	.....	.....	.....	.0
7-18	do	4.2	.44	1.10	1.8
8- 5	C. G. Hrubesky	3.9	.27	1.03	1.1
8-20	do	3.4	.76	.91	2.6
8-29	do	.....	.....	.....	.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

BURKE-KENT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6- 8	A. E. Johnston	2.3	1.13	0.65	2.6
6-29	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
<b>1926</b>					
5-18	A. E. Johnston	1.9	1.58	0.50	3.0
6-10	do	.9	1.42	.25	1.4
6-24	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8- 7	do	3.0	.83	.80	2.5
8-23	do	.....	.....	.....	.0
7-27	do	.....	.....	.....	.0
<b>1927</b>					
5-17	A. E. Johnston	.....	.....	.....	0.0
5-19	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-20	do	.....	.....	.....	.0
<b>1928</b>					
4-21	A. E. Johnston	.....	.....	.....	0.0
5-25	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7-17	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-29	do	2.7	1.51	0.70	4.1
9-14	do	2.6	1.04	.70	2.7
10-16	do	.....	.....	.....	.0

## NORTH BUSHNELL CANAL—APPLICATION 504

Diversed from Lodgepole Creek in Sec. 2, Twp. 14, Rge. 58 W.

<b>1925</b>					
5-12	Hall and Hanna	3.3	0.79	.....	2.6
6- 3	C. E. Franklin	1.4	1.43	.....	2.0
6-18	do	1.5	.40	.....	.6
7- 7	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	*.....
8-15	do	.....	.....	.....	*.....
<b>1926</b>					
7- 3	C. E. Franklin	.....	.....	.....	0.0
<b>1927</b>					
5-11	C. E. Franklin	.....	.....	.....	0.0
5-25	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0

\*Diversion dam washed out.

824

STATE OF NEBRASKA

MEASUREMENTS OF CANALS—Continued

NORTH RISHNETT CANAL

MEASUREMENTS OF CANALS—Continued

CAPRON CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6-10	T. C. Palmer	3.3	1.03	.....	3.4
7- 1	do	3.0	1.30	.....	3.9
7- 8	A. H. Atkins	.7	1.22	.....	.9
7-15	do	2.4	1.87	.....	4.5
8- 8	do	1.5	1.73	.....	2.6
<b>1923</b>					
7-16	A. H. Atkins	.....	.....	.....	0.0
8-21	E. F. Ketcham	.....	.....	.....	.0
<b>1924</b>					
9-12	A. E. Johnston	3.2	1.66	.....	5.3
<b>1927</b>					
6- 7	A. W. Hall	.....	.....	.....	0.0
6-25	A. E. Johnston	.....	.....	.....	.0

CARTER CANAL—APPLICATION 1691

Diverted from Carter Creek in Sec. 27, Twp. 21, Rge. 56 W.

<b>1922</b>					
4-14	C. E. Franklin	1.2	0.88	.....	1.0

CASTLE ROCK CANAL—DOCKET 921

Diverted from North Platte River in Sec. 4, Twp. 21, Rge. 54 W.

Measurements made at rating flume

<b>1918</b>					
7-10	Wade Flynn	30.6	2.38	1.74	73.1
7-14	T. C. Palmer	28.2	2.15	1.44	60.9
8-28	Wade Flynn	23.4	2.15	1.38	50.4
<b>1919</b>					
6-12	T. C. Palmer	29.2	2.35	1.62	68.5
6-20	do	30.6	2.55	1.75	78.2
6-25	do	35.2	2.37	1.90	83.6
7-25	Palmer and Woodman	27.0	2.57	1.50	69.6
8- 7	T. C. Palmer	14.4	1.75	.90	25.2
8-25	do	29.6	2.47	1.66	73.2
9- 4	do	55.6	1.74	1.90	69.3
9-11	do	23.4	2.34	1.30	54.8
9-26	do	7.2	1.55	.40	11.2
10- 2	do	5.4	1.20	.30	6.5
<b>1920</b>					
6-12	T. C. Palmer	26.6	2.42	1.40	64.3
6-14	do	27.8	2.34	1.44	65.2
7- 1	do	36.4	2.65	1.90	96.1
7-16	do	24.6	2.28	1.25	56.2
7-30	do	35.3	2.54	1.76	89.7
8-19	do	24.9	1.87	1.25	46.8
9-10	do	28.9	2.26	1.46	65.4



## MEASUREMENTS OF CANALS—Continued

CASTLE ROCK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
5- 1	T. C. Palmer	19.2	1.67	1.00	32.1
5-13	do	23.5	1.93	1.20	45.2
6- 9	Palmer and Atkins	11.2	1.06	.50	11.9
6-23	T. C. Palmer	25.3	2.23	1.30	56.5
7- 7	do	35.7	2.29	1.90	81.9
8-11	do	30.7	2.31	1.60	71.1
8-22	do	23.5	2.02	1.20	47.6
9- 1	do	27.4	2.12	1.40	58.1
9-29	do	32.1	2.22	1.70	71.1
10- 8	do	26.5	1.88	1.50	49.8
<b>1922</b>					
6- 8	T. C. Palmer	27.8	1.83	1.50	50.9
7-15	do	24.1	2.48	1.50	60.0
7-24	Palmer and Finley	44.3	2.26	2.34	100.3
8-30	McPherrin and Palmer	29.4	2.31	1.62	68.2
9-14	Palmer and Easterday	16.0	1.11	1.58	17.9
10- 5	A. E. Johnston	15.8	1.68	.80	25.6
<b>1923</b>					
7- 6	A. E. Johnston	26.0	1.95	1.30	50.8
7-25	do	35.2	2.45	2.00	86.5
8-18	E. F. Ketcham	31.4	1.57	.....	49.4
8-24	A. E. Johnston	32.9	1.24	.....	41.0
9-19	A. H. Atkins	26.3	1.23	1.30	32.6
<b>1924</b>					
6-11	A. E. Johnston	34.7	1.19	1.25	41.5
7-10	do	43.3	1.69	2.60	73.3
7-29	C. G. Hrubesky	39.2	1.43	1.67	56.1
8-13	do	38.8	1.75	1.47	68.1
9- 8	do	35.2	1.84	1.70	64.7
<b>1925</b>					
4-20	Johnston and Franklin	8.5	0.85	.....	7.2
5-22	A. W. Hall	32.7	2.04	.....	66.7
6- 6	do	41.2	1.56	2.20	64.5
6-21	do	17.4	1.13	.....	19.6
6-30	do	34.1	1.60	.....	54.5
8- 1	do	33.8	1.48	2.00	50.0
9- 4	do	38.5	1.83	2.30	70.6
9-28	A. E. Johnston	16.0	1.07	1.40	17.2
<b>1926</b>					
5-21	A. W. Hall	30.8	2.13	1.95	65.6
6- 4	do	29.9	1.66	1.86	49.6
6-23	do	15.7	1.18	1.35	18.6
7-10	do	32.7	1.57	1.75	51.5
7-23	do	34.5	1.45	2.00	50.0
8-14	do	35.0	1.48	2.05	51.7
9-16	do	28.6	1.50	1.70	43.0

## MEASUREMENTS OF CANALS—Continued

CASTLE ROCK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5-26	A. W. Hall	.....	.....	.....	0.0
6- 4	do	32.3	1.83	1.95	59.3
7-15	do	39.6	2.20	2.40	87.3
7-22	do	39.0	1.92	2.35	75.3
8-12	do	35.1	1.95	2.30	68.4
8-26	do	37.8	2.24	2.60	77.0
9- 9	do	31.8	1.33	2.30	42.4
<b>1928</b>					
5- 5	A. W. Hall	.....	.....	.....	0.0
5-18	do	24.8	1.45	2.00	36.0
6-14	do	33.8	1.70	2.60	59.4
6-30	do	40.6	1.72	2.45	70.0
8- 2	do	34.9	1.59	2.30	55.4
8-16	do	36.6	1.73	2.47	63.5
8-23	do	51.0	2.08	2.85	106.3
8-29	do	50.2	2.17	2.98	109.1
8-29	do	46.2	1.86	2.65	86.0
<b>CENTRAL CANAL—DOCKET 926</b>					
Diverted from North Platte River in Sec. 27, Twp. 22, Rge. 55 W.					
Measurements made at rating flume					
<b>1919</b>					
5-29	T. C. Palmer	16.0	0.81	1.60	13.0
6-10	do	20.5	.97	2.05	19.9
6-17	do	22.4	1.12	2.40	25.0
6-25	do	22.0	1.51	2.23	33.2
7- 2	do	22.3	1.26	2.30	28.0
7-22	Woodman and Palmer	8.9	1.04	.90	9.3
8- 7	T. C. Palmer	23.0	1.44	2.30	33.1
8-26	do	9.0	1.25	.90	11.3
9- 3	do	14.3	1.54	1.52	21.9
9-11	do	4.0	1.33	.40	5.3
9-24	do	.....	.....	.....	.0
<b>1920</b>					
6-18	T. C. Palmer	14.4	1.14	1.44	16.4
6-29	do	17.6	1.38	1.80	24.4
7-14	do	19.7	1.20	2.00	23.8
7-27	do	16.0	1.08	1.65	17.4
8-17	do	20.0	.91	2.00	18.2
8-25	do	20.0	1.21	2.00	24.2
9-29	do	13.0	1.08	1.28	14.1
<b>1921</b>					
5-10	T. C. Palmer	15.5	1.62	1.55	25.0
6-23	do	24.6	.81	2.50	19.8
7- 7	do	21.7	.62	2.20	16.6
8- 9	do	15.2	1.04	1.55	15.9
8-22	do	15.0	1.43	1.50	21.6
9- 1	dc	21.0	1.05	2.10	21.9
9-28	do	20.0	1.27	2.00	25.5

## MEASUREMENTS OF CANALS—Continued

CENTRAL CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6-14	T. C. Palmer	18.9	0.65	1.90	12.4
7-15	do	32.3	.73	1.75	23.7
7-23	Palmer and Finley	10.0	.79	1.02	7.9
8-25	T. C. Palmer	11.1	1.05	1.10	11.7
8-29	McPherrren and Palmer	17.3	1.23	1.73	21.4
10- 5	A. E. Johnston	16.7	1.10	1.75	18.6
<b>1923</b>					
5-11	Ketcham and Johnston	0.0	0.00	.....	0.0
5-31	E. F. Ketcham	.0	.00	.....	.0
6-18	do	.0	.00	.....	.0
7- 6	A. E. Johnston	.0	.00	.....	.0
7-26	do	.0	.00	.....	.0
8-16	E. F. Ketcham	.0	.00	.....	.0
8-25	A. E. Johnston	.0	.00	.....	.0
8-28	do	21.0	1.10	2.10	23.1
9-19	A. H. Atkins	28.6	1.07	2.50	30.8
9-28	A. E. Johnston	2.3	5.15	1.60	12.1
10- 3	do	.0	.00	.....	.0
<b>1924</b>					
6-10	A. E. Johnston	19.9	0.96	2.10	19.2
7- 2	do	24.0	1.25	2.40	30.2
7- 9	do	25.0	1.45	2.50	36.3
7-29	C. G. Hrubesky	42.6	.61	1.00	26.2
8-13	do	41.9	1.24	1.00	51.7
8-30	A. E. Johnston	19.0	1.35	1.90	25.4
9- 8	C. G. Hrubesky	28.1	.38	1.00	10.7
<b>1925</b>					
5-22	A. W. Hall	.....	.....	.....	14.8
6- 6	do	15.1	1.34	1.70	20.2
6-21	do	10.5	.82	1.30	8.6
6-30	do	15.3	1.00	1.80	15.4
8- 1	do	22.7	1.05	2.20	24.8
8-22	A. E. Johnston	15.9	1.27	1.80	20.2
9- 4	A. W. Hall	11.4	1.19	1.30	13.6
9-29	A. E. Johnston	10.8	1.00	1.40	10.8
10-23	do	.....	.....	.....	.0
<b>1926</b>					
6- 4	A. W. Hall	21.6	1.42	2.76	30.8
6-24	do	24.2	1.32	2.60	31.9
7-10	do	25.6	1.33	2.60	33.9
7-23	do	23.1	1.20	2.60	27.8
8-14	do	21.3	1.43	2.50	30.4
9-16	do	17.7	.87	2.40	15.4
10- 4	A. E. Johnston	.....	.....	2.20	16.9

MEASUREMENTS OF CANALS—Continued

CENTRAL CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5-26	A. W. Hall	.....	.....	.....	0.0
7- 8	do	19.5	1.26	2.30	24.6
7-15	do	21.2	1.15	2.60	24.4
7-22	do	24.1	1.41	2.75	33.9
8-26	do	11.9	1.46	1.45	17.4
9- 9	do	21.0	1.32	.....	27.8
<b>1928</b>					
5-18	A. W. Hall	.....	.....	.....	0.0
5-25	do	18.5	1.33	2.10	24.7
6- 7	do	25.3	1.44	2.80	36.6
7- 5	do	22.8	1.12	2.50	25.7
8- 6	do	21.2	1.24	2.30	26.4
8-23	do	26.1	1.39	2.82	36.3
8-29	do	27.2	1.63	2.80	44.5
8-29	do	.....	.....	2.55	32.0

CENTRAL POWER CANAL—APPLICATION 1400

Diverted from Loup River, South Branch, in Sec. 35, Twp. 13, Rge. 12 W.

<b>1928</b>					
1-28	A. E. Johnston	128.0	2.36	.....	302.0
2-16	do	.....	.....	.....	.0
4-17	do	317.0	2.40	.....	761.0
5-21	do	255.0	2.60	.....	662.0

CHAMPION CANAL—DOCKET 47

Diverted from Frenchman River in Sec. 23, Twp. 6, Rge. 40 W.

<b>1919</b>					
7-14	Bailey and Palmer	16.0	1.42	2.05	22.7
<b>1921</b>					
5-17	T. C. Palmer	8.8	1.86	0.95	16.4
8-24	Palmer and Bailey	10.4	1.43	.95	14.8
<b>1922</b>					
8-23	Johnston and Palmer	.....	.....	.....	*.0
<b>1923</b>					
4-17	Johnston and Strong	9.6	1.60	.....	15.4
6-11	E. F. Ketcham	.....	.....	.....	.0
6-23	A. E. Johnston	.0	.00	.....	.0
7-17	do	10.5	1.11	.....	11.7
8- 3	do	15.4	.91	.....	14.1
8-25	E. F. Ketcham	.....	.....	.....	.0
9-20	A. E. Johnston	22.9	.37	.....	8.5
10-11	do	2.9	3.96	.....	11.5
<b>1925</b>					
3-21	A. E. Johnston	8.0	1.35	.....	10.8
4-16	do	11.2	2.20	.....	24.7
5-13	C. E. Franklin	9.3	.71	.....	6.6

\*Working on headgate.

## MEASUREMENTS OF CANALS—Continued

CHAMPION CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6- 8	C. E. Franklin	18.1	.91	.....	1.7
6-24	do	26.6	.33	.....	8.8
7-12	do	12.1	.08	.....	1.6
7-14	do	17.9	.55	2.30	9.9
7-23	Franklin and Whitehead	16.7	.48	.....	8.0
8- 7	C. E. Franklin	17.2	.33	.....	5.7
8-19	do	18.0	.59	.....	10.7
9- 3	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	.0
10-14	A. E. Johnston	12.3	1.78	.....	21.9
11-17	do	10.1	1.46	.....	14.8
<b>1926</b>					
1-12	A. E. Johnston	.....	.....	.....	0.0
2-17	do	.....	.....	.....	.0
3-31	C. E. Franklin	8.4	1.77	0.90	14.9
4-16	do	9.3	1.61	1.20	15.0
4-30	do	7.3	1.56	1.03	11.4
5-12	do	13.9	1.30	1.57	18.1
5-31	do	2.2	2.81	2.20	6.2
6-14	do	.....	.....	.17	.0
6-26	do	11.2	1.12	1.20	12.6
7-13	do	6.5	.42	.71	2.7
8- 7	do	14.0	.74	1.55	10.4
8-23	do	10.2	.28	1.11	2.9
10-13	do	.....	.....	1.20	11.9
11- 4	do	.....	.....	1.40	17.6
<b>1927</b>					
2-15	A. W. Hall	4.8	0.65	0.55	3.1
3-30	C. E. Franklin	.....	.....	.....	.0
4-18	do	.....	.....	.85	14.2
4-29	do	5.6	.94	.60	5.3
5-14	do	9.0	1.00	.94	9.0
5-27	do	13.0	.74	1.40	9.6
6-28	do	.....	.....	.00	.0
7- 8	do	8.4	.70	.90	5.9
7-11	Franklin and Whitehead	.....	.....	.....	.0
7-13	C. E. Franklin	.....	.....	.....	.0
7-22	do	7.0	0.71	.78	5.1
8- 6	do	12.1	1.04	1.30	12.6
8-20	do	13.9	1.63	1.50	8.5
9- 4	do	14.9	.70	1.65	10.5
9-30	do	13.5	1.25	1.48	16.7
11- 3	do	13.0	1.38	1.30	18.0
11-27	do	10.2	1.22	1.14	13.4
12-20	do	10.2	1.01	1.10	11.2
<b>1928</b>					
1-21	C. E. Franklin	.....	.....	0.10	0.0
2-14	do	7.0	1.65	.82	11.6
3- 5	do	9.3	2.08	1.00	19.3

MEASUREMENTS OF CANALS—Continued

CHAMPION CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
3-21	C. E. Franklin	7.4	1.97	.88	14.6
4- 9	do	5.8	1.80	.67	10.2
5-18	do	11.0	1.53	1.22	16.8
6-20	do	.....	.....	.00	.0
7-12	do	19.3	1.34	2.18	25.9
7-26	do	12.8	.68	1.30	8.7
8-14	do	15.8	1.37	1.70	21.7
9- 7	do	9.3	1.41	1.01	13.1
9-20	do	12.1	1.54	1.31	18.7
9-30	do	9.7	1.53	1.08	14.8
10-18	do	.....	.....	.....	.0
11- 5	do	6.8	1.38	.79	9.4
11-21	do	5.6	.65	.65	6.8
12-19	do	.....	.25	.....	†.6

CHAMPION CANAL—APPLICATIONS 1108 and 1160  
Above Kilpatrick Reservoir in Sec. 30, Twp. 6, Rge. 39 W.

<b>1924</b>					
2-26	A. E. Johnston	14.6	1.67	.....	24.5
4- 3	do	.....	.....	.....	.0
6- 2	do	9.9	1.34	.....	13.3
6-27	do	9.3	.31	.....	3.0
7-11	Hall and Whitehead	41.6	.29	.....	12.1
8- 6	A. E. Johnston	11.7	.66	.....	7.7
9- 4	do	10.6	.72	.....	7.6
<b>1925</b>					
7-12	C. E. Franklin	3.6	0.44	.....	1.6
7-14	do	4.5	2.13	.....	9.6
<b>1926</b>					
4-16	C. E. Franklin	6.2	1.79	.....	11.2
6-26	do	1.4	2.42	.....	3.4
7-13	do	4.6	.48	.....	2.2
8-23	do	.....	.....	.....	.0
<b>1927</b>					
5-14	C. E. Franklin	.....	.....	.....	†6.0
7- 8	do	.....	.....	.....	†2.5
7-22	do	.....	.....	.....	†2.5
8- 6	do	.....	.....	.....	.0
8-20	do	.....	.....	.....	†1.0
9-30	do	6.4	1.70	.....	11.2
10-27	do	.....	.....	.....	.0
11- 3	do	.....	.....	.....	.0
11-27	do	.....	.....	.....	.0
12-20	do	10.0	.92	.....	9.2

†Estimated.

## MEASUREMENTS OF CANALS—Continued

CHAMPION CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
2-14	C. E. Franklin	5.8	1.76	.....	10.2
3- 5	do	6.9	1.68	.....	11.6
3-21	do	11.6	.84	.....	9.8
4- 9	do	4.8	.79	.....	3.8
5-18	do	9.4	1.15	.....	10.8
6-20	do	.....	.....	.....	.0
7-12	do	13.2	1.28	.....	16.9
7-26	do	7.8	.83	.....	6.5
8-14	do	17.6	.88	.....	15.5
9- 7	do	6.6	1.60	.....	10.5
9-20	do	11.2	1.55	.....	17.4
9-30	do	13.6	1.09	.....	14.8
10- 8	do	.....	.....	.....	.0
11- 5	do	.....	.....	.....	8.0
11-21	do	.....	.....	.....	4.9
12-19	do	.....	.....	.....	Ice

## CHAMPION CANAL—APPLICATION 1108

Into Kilpatrick Reservoir for storage in Sec. 30, Twp. 16, Rge. 39 W.

1928					
2-14	C. E. Franklin	.....	.....	.....	10.2
3- 5	do	.....	.....	.....	11.6
3-21	do	.....	.....	.....	8.0
4- 9	do	.....	.....	.....	3.8
5-18	do	.....	.....	.....	9.4
6-20	do	.....	.....	.....	.0
7-12	do	.....	.....	.....	13.1
7-26	do	.....	.....	.....	5.3
8-14	do	.....	.....	.....	.0
9-20	do	.....	.....	.....	11.4
9-30	do	.....	.....	.....	7.6
10-18	do	.....	.....	.....	.0
11- 5	do	.....	.....	.....	8.0
11-21	do	.....	.....	.....	4.5
12-19	do	.....	.....	.....	.0

## CHAMPION CANAL—DOCKET 47

Below Kilpatrick Reservoir Intake in Sec. 30, Twp. 6, Rge. 39 W.

1928					
2-14	C. E. Franklin	.....	.....	.....	0.0
3- 5	do	.....	.....	.....	.0
3-21	do	5.0	0.36	.....	1.8
4- 9	do	.....	.....	.....	.0
5-18	do	4.0	.35	.....	1.4
6-20	do	.....	.....	.....	.0
7-12	do	7.1	.53	.....	3.8
7-26	do	1.0	1.20	.....	1.2
8-14	do	17.6	.88	.....	15.6
9-20	do	6.4	.95	.....	6.0
9-30	do	10.2	.71	.....	7.2
10-18	do	.....	.....	.....	.0
11- 5	do	.....	.....	.....	.0
11-21	do	1.0	.40	.....	.4
12-19	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

CHIMNEY ROCK CANAL—DOCKETS 844 AND 1031  
 Diverted from North Platte River in Sec. 1, Twp. 20, Rge. 53 W.  
 Measurements made at rating flume

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1917</b>					
6-18	S. A. Swanson	16.7	1.94	0.92	32.3
7- 2	do	20.5	1.45	1.02	29.7
7-25	do	36.0	1.78	1.63	64.3
8- 4	*J. K. Rohrer	.....	.....	2.00	76.0
8-22	D. P. Weeks, Jr.	34.0	1.56	1.60	53.3
9-24	*J. K. Rohrer	.....	.....	.....	.0
<b>1918</b>					
6- 6	Wade Flynn	9.3	1.19	0.61	11.1
6-27	do	27.9	1.79	1.53	50.1
7-31	do	24.7	1.39	1.23	34.0
8-13	do	27.2	1.58	.....	43.1
8-22	do	11.1	1.13	.62	12.6
8-26	do	10.6	.89	.52	9.8
9- 6	do	18.8	1.25	.90	23.6
9-11	Palmer and Flynn	15.1	1.24	.78	18.8
<b>1919</b>					
5-30	T. C. Palmer	26.1	1.50	1.25	39.1
6-12	do	35.2	1.74	1.60	61.4
6-20	do	59.5	1.98	2.64	117.8
6-26	do	43.7	1.49	2.00	65.3
7- 3	do	41.4	1.74	1.90	71.9
7-21	do	34.8	1.48	1.60	51.5
7-24	do	20.9	1.43	.91	29.9
8- 1	do	33.5	1.72	1.41	57.6
8- 7	do	39.6	1.59	1.80	63.0
8-28	do	23.1	1.64	1.00	37.9
9-11	do	22.1	1.31	.96	38.9
9-26	do	.....	.....	.....	.0
<b>1920</b>					
7- 1	T. C. Palmer	30.4	1.51	1.54	45.8
7-16	do	58.7	1.56	2.40	92.1
7-30	do	38.3	1.54	1.70	58.9
8-19	do	44.4	1.76	2.00	78.2
<b>1921</b>					
5-13	T. C. Palmer	33.8	1.69	1.50	57.2
7- 7	do	29.3	1.70	1.30	49.9
7-22	W. F. Chaloupka	37.6	1.64	1.65	61.7
7-30	do	42.1	1.61	1.80	67.6
8- 5	do	32.2	1.63	1.40	52.4
8-11	T. C. Palmer	29.3	1.82	1.30	52.6
8-14	W. F. Chaloupka	35.4	1.76	1.65	60.8
8-21	do	25.9	1.46	1.10	38.0
8-22	T. C. Palmer	31.5	1.59	1.40	50.3
9- 1	do	22.8	1.72	1.05	39.3
9- 4	W. F. Chaloupka	22.2	1.42	1.00	31.5
9-17	T. C. Palmer	21.4	1.46	1.00	31.2
9-29	do	8.4	1.35	.40	11.4
10- 8	do	12.6	1.52	.60	19.1

\*U. S. R. S. Measurements.



## MEASUREMENTS OF CANALS—Continued

CHIMNEY ROCK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1922</b>					
6- 8	T. C. Palmer	19.2	1.46	0.85	28.2
6-16	do	31.3	2.06	1.40	64.5
6-21	do	42.2	2.21	1.90	93.5
7-17	A. H. Atkins	38.6	1.43	1.25	55.2
7-24	do	43.9	1.97	1.90	86.8
7-27	do	28.2	1.74	1.25	49.2
8-17	do	38.5	1.99	1.80	76.7
8-26	do	44.7	2.07	2.15	92.8
8-26	do	43.0	1.97	2.10	85.1
9- 8	do	19.9	1.46	.90	29.1
<b>1923</b>					
5-12	Ketcham and Johnston	0.0	0.00	.....	0.0
7- 6	A. E. Johnston	21.2	1.40	1.00	29.9
7-25	do	33.8	1.87	1.80	63.2
8-18	E. F. Ketcham	.0	.00	.00	.0
8-24	A. E. Johnston	14.2	1.40	.80	19.9
9-17	A. H. Atkins	19.3	1.10	1.00	21.3
<b>1924</b>					
6- 6	A. E. Johnston	20.6	1.22	1.20	25.3
7- 1	do	36.6	1.58	1.70	57.9
7- 9	do	48.7	1.85	2.25	90.3
7-30	C. G. Hrubesky	41.6	1.52	1.94	63.3
8-14	do	42.7	1.40	1.57	60.0
8-23	A. E. Johnston	28.1	1.69	1.40	47.6
9- 8	C. G. Hrubesky	39.3	1.09	1.38	42.9
<b>1925</b>					
4-20	Johnston and Franklin	.....	.....	.....	0.0
5-22	A. W. Hall	15.0	2.10	0.80	31.7
6-17	do	18.9	1.97	1.00	37.3
6-29	do	29.4	1.88	1.40	55.4
7-12	Hall and Finley	32.3	2.08	1.60	67.1
8-10	A. W. Hall	24.2	1.62	1.20	39.3
8-31	do	11.8	1.41	.45	16.7
9-28	A. E. Johnston	.....	.....	.....	.0
<b>1926</b>					
6- 6	A. W. Hall	19.8	1.25	1.00	22.4
7- 7	do	43.4	1.63	1.95	70.8
7-10	do	28.3	1.68	1.30	47.7
7-20	do	37.3	1.22	1.70	45.4
8-19	do	35.0	1.76	1.65	61.5
9-13	do	22.8	1.27	1.10	28.9
<b>1927</b>					
3-28	A. E. Johnston	.....	.....	.....	0.0
7- 8	A. W. Hall	33.9	1.39	1.70	47.2
7-15	do	.....	.....	.00	.0
7-22	do	42.1	1.64	1.90	69.2
8-12	do	.....	.....	1.10	25.1
8-27	do	.....	.....	1.90	56.9

MEASUREMENTS OF CANALS—Continued

CHIMNEY ROCK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-5	A. W. Hall	.....	.....	.....	0.0
6-29	do	25.6	1.26	1.35	32.3
7-13	do	15.6	.95	.90	14.8
8-11	do	31.9	1.12	1.50	35.9
8-24	do	43.3	1.40	1.96	60.3
<b>CHRISTENSEN CANAL, NORTH SIDE No. 1—Dockets 366 AND 367</b>					
Diverted from Lodgepole Creek in Sec. 7, Twp. 14, Rge. 51 W.					
<b>1924</b>					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
5-2	C. E. Franklin	2.8	0.64	.....	1.8
6-5	do	1.0	.40	.....	.4
6-20	do	.7	.28	.....	.2
7-9	do	1.5	.40	.....	.6
<b>1926</b>					
8-4	C. E. Franklin	.....	.....	.....	0.0
8-27	do	.....	.....	.....	.0
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8-5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9-2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
<b>1928</b>					
5-4	C. E. Franklin	.....	.....	.....	0.0
6-7	do	2.0	0.16	.....	.3
6-30	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9-5	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>CHRISTENSEN CANAL, SOUTH SIDE No. 2—DOCKETS 366 AND 367</b>					
Diverted from Lodgepole Creek in Sec. 7, Twp. 14, Rge. 51 W.					
<b>1924</b>					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
5-2	C. E. Franklin	3.6	0.55	.....	2.0
6-5	do	1.3	.43	.....	.6
7-9	do	1.4	.16	.....	.2

## MEASUREMENTS OF CANALS—Continued

CHRISTENSEN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
<b>1928</b>					
6- 7	C. E. Franklin	0.5	0.50	.....	0.3
6-30	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

CHRISTENSEN CANAL No. 3—DOCKETS 366 AND 367  
Diverted from Lodgepole Creek in Sec. 7, Twp. 14, Rge. 51 W.

<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

CHRISTENSEN CANAL No. 4—DOCKETS 366 AND 367  
Diverted from Lodgepole Creek in Sec. 7, Twp. 14, Rge. 51 W.

<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7-19	do	0.9	0.29	0.30	.3
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

CIRCLE ARROW CANAL—DOCKET 346  
Diverted from Lodgepole Creek in Sec. 29, Twp. 15, Rge. 55 W.

<b>1924</b>					
9-20	C. G. Hrubesky	2.2	1.16	.....	2.6
<b>1925</b>					
6- 4	C. E. Franklin	1.4	0.76	.....	1.1
6-19	do	1.7	.83	.....	1.4
7- 8	do	2.6	1.10	.....	2.8
8- 5	do	.....	.....	.....	*.0

\*Diversion dam washed out.

## MEASUREMENTS OF CANALS—Continued

CIRCLE ARROW CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
6- 8	C. E. Franklin	2.4	1.15	0.70	2.8
7- 3	do	.....	.....	.09	.0
8-13	do	.....	.....	.....	.0
<b>1927</b>					
4-28	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
9- 1	do	.....	.....	.....	.0
<b>1928</b>					
6- 7	C. E. Franklin	6.2	0.63	.....	3.9
7-20	do	.....	.....	.....	.0
8-12	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>CLEAR CREEK CANAL—DOCKET 748</b>					
Diverted from Clear Creek in Sec. 32, Twp. 16, Rge. 41 W.					
<b>1919</b>					
6-12	Earl North	4.0	1.77	.....	7.1
8- 5	Palmer and Hartman	7.1	1.12	.....	7.9
9- 5	do	1.8	.74	.....	1.4
9- 8	Earl North	1.2	.78	0.30	.9
<b>1921</b>					
7- 7	A. H. Atkins	1.2	0.57	.....	0.7
7-27	do	1.7	.53	.....	.9
8- 5	do	2.7	1.75	.....	4.7
8-11	do	.0	.00	.....	.0
9-30	T. C. Palmer	.8	.56	.....	.5
<b>1922</b>					
7-20	A. E. Johnston	1.6	0.75	.....	1.2
8- 8	T. C. Palmer	.0	.00	.....	.0
9-26	A. E. Johnston	1.4	.71	.....	1.0
<b>1923</b>					
6-29	A. E. Johnston	.....	.....	.....	0.0
8-26	do	2.7	1.83	.....	4.9
9-26	A. H. Atkins	.....	.....	.....	.0
<b>1925</b>					
5-19	A. E. Johnston	.....	.....	.....	0.0
6- 3	do	1.3	1.38	.....	1.8
6-15	do	.3	.67	.....	.2
6-25	do	1.1	.26	.....	.3
7- 9	do	.6	.44	.....	.3
7-15	do	1.0	.62	.....	.6

## MEASUREMENTS OF CANALS—Continued

CLEAR CREEK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
7-23	A. E. Johnston	.....	.....	.....	0.0
8- 4	do	1.8	1.16	.....	2.1
8-26	do	1.1	.91	.....	1.0
9-16	do	.....	.....	.....	.0
10-15	do	.4	.29	.....	.1
<b>1926</b>					
7-30	A. E. Johnston	0.8	0.75	.....	0.6
8-19	do	.6	.71	.....	.0
9- 2	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0
<b>1927</b>					
6-28	A. E. Johnston	0.9	1.17	.....	1.1
7-11	A. W. Hall	1.2	.71	0.25	.9
7-11	do	1.5	1.20	.40	1.8
7-13	Hall and Peterson	1.5	1.06	.....	1.6
7-13	A. W. Hall	1.4	1.57	.55	2.2
7-16	A. E. Johnston	1.1	1.00	.40	1.1
7-26	do	1.0	1.00	.35	1.0
8- 5	do	.....	.....	.00	.0
8-24	do	.....	.....	.....	.0
9-15	do	.....	.....	.....	.0
<b>1928</b>					
4-25	A. E. Johnston	0.5	0.80	.....	0.4
5-31	do	.4	.70	0.10	.3
6- 7	do	.5	.86	.15	.4
6-28	do	.4	.75	.20	.3
7-19	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8-10	do	1.1	1.09	.30	1.2
9- 4	do	.7	.85	.20	.6
9-18	do	.7	.86	.20	.6
10-18	do	.9	1.10	.30	1.0

## CODY-DILLON CANAL—DOCKET 649

Diverted from North Platte River in Sec. 9, Twp. 14, Rge. 31 W.

<b>1919</b>					
8-23	Earl North	.....	.....	.....	0.0
9- 2	do	18.0	1.64	1.50	29.5
<b>1920</b>					
8- 5	G. K. Baumgartner	33.6	1.40	1.20	56.9
8-16	do	31.1	1.29	.80	40.1
9- 6	do	17.5	1.67	.....	29.3
<b>1921</b>					
5- 8	T. C. Palmer	9.3	1.57	.....	14.6
7- 9	A. H. Atkins	10.8	1.35	0.50	14.5
7-15	do	14.3	1.45	.72	20.7
7-28	do	22.9	2.03	1.00	46.9
8- 3	do	33.0	1.99	1.00	65.7
8-13	do	27.7	1.89	.60	52.6
8-18	do	27.7	2.05	.60	56.8

## MEASUREMENTS OF CANALS—Continued

## CODY-DILLON CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6-19	A. E. Johnston	14.7	1.63	.....	24.0
6-20	do	17.2	1.99	.....	34.3
7-10	do	12.4	1.16	1.20	14.4
8- 8	do	16.5	1.41	1.70	23.4
8-30	do	16.7	1.54	1.80	25.8
9- 5	Johnston and Eyerly	27.7	1.74	2.35	48.3
9-20	T. C. Palmer	38.8	1.21	.00	47.3
9-30	A. E. Johnston	.0	.00	.00	.0
<b>1923</b>					
5-13	A. E. Johnston	0.0	0.00	.....	0.0
6-30	do	.0	.00	.....	.0
7-27	A. H. Atkins	13.8	1.96	1.50	27.1
8-27	do	8.1	.86	.08	7.0
9- 8	do	.0	.00	.00	.0
9-13	A. E. Johnston	6.1	1.21	.60	7.4
9-28	A. H. Atkins	7.0	1.18	.90	8.3
10- 3	do	20.2	1.91	2.50	38.6
<b>1924</b>					
5-22	A. E. Johnston	7.8	1.33	0.85	10.4
6-16	do	2.8	.47	.40	1.3
7-17	do	6.6	1.20	.90	7.9
7-23	do	8.9	1.46	1.00	13.0
8- 5	C. G. Hrubesky	12.8	1.26	.....	16.2
8-19	do	.....	.....	.....	.6
8-29	do	.9	.87	.....	.8
<b>1925</b>					
5- 7	A. E. Johnston	16.0	1.44	2.00	23.1
5-18	do	18.2	1.60	2.15	29.2
6-13	do	8.6	.50	1.20	4.3
6-29	do	.....	.....	.....	.0
7- 8	do	9.6	.18	1.10	1.8
7-20	do	20.2	1.28	2.40	25.8
8- 6	do	15.0	1.63	2.35	24.5
8-12	do	10.4	.67	1.65	7.6
8-27	do	.....	.....	.....	.0
9- 3	do	12.3	1.28	2.05	15.8
9-17	do	4.3	.95	1.20	4.1
<b>1926</b>					
4-28	A. E. Johnston	14.8	0.71	2.05	10.5
5-19	do	12.0	.68	1.95	8.2
6-12	do	17.0	.97	2.40	16.5
6-26	do	14.6	1.10	2.20	16.0
7-22	do	10.5	.73	1.60	7.7
8- 2	do	14.8	1.45	2.15	21.4
8-21	do	10.8	1.01	1.70	10.9
9-28	do	11.8	1.33	1.75	15.7

## MEASUREMENTS OF CANALS—Continued

## CODY-DILLON CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5-20	A. E. Johnston	.....	.....	.....	0.0
6-14	do	11.4	1.47	1.70	16.7
6-30	do	13.2	1.98	1.70	26.1
7-15	do	11.3	1.98	1.60	22.4
7-25	do	13.5	2.12	1.95	28.7
8- 6	do	15.9	2.15	2.20	34.3
8-23	do	7.3	1.22	.90	8.9
9-14	do	10.6	1.87	1.30	19.8
10- 6	do	3.8	1.44	.70	5.5
10-28	do	9.8	2.02	1.40	19.9
<b>1928</b>					
4-24	A. E. Johnston	8.6	1.70	1.00	14.6
5-29	do	14.3	1.68	1.85	24.1
6- 8	do	5.3	1.21	.70	6.5
6-27	do	.....	.....	.....	.0
7-18	do	13.2	1.80	1.55	23.8
7-26	do	.....	.....	.....	.0
8- 9	do	5.5	1.23	.....	5.4
8-21	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9- 3	do	8.9	1.50	1.10	13.4
9-17	do	11.2	1.52	1.40	17.1
10-17	do	6.1	.77	.70	4.7
<b>COFFEE CANAL—DOCKET 553</b>					
Diverted from Hat Creek in Sec. 16, Twp. 32, Rge. 55 W.					
<b>1924</b>					
7-18	J. D. Heywood	2.4	1.25	.....	3.0
7-31	Johnston and Heywood	2.0	.76	.....	1.5
10-14	J. D. Heywood	.....	.....	.....	2.0
<b>1925</b>					
4-29	A. E. Johnston	6.2	1.63	.....	10.1
5-22	J. D. Heywood	2.6	.77	.....	2.0
<b>COFFEE CANAL—APPLICATION 1362</b>					
Diverted from Niobrara River in Sec. 15, Twp. 29, Rge. 56 W.					
<b>1926</b>					
8-26	J. D. Heywood	5.6	1.18	.....	6.6
<b>1927</b>					
6-21	A. E. Johnston	2.7	1.07	.....	2.9
<b>1928</b>					
8-16	A. E. Johnston	1.1	0.63	.....	0.7
9-26	do	1.6	.55	.....	.9
10-24	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## COLD WATER CANAL—DOCKET 796

Diverted from Cold Water Creek in Sec. 26, Twp. 18, Rge. 46 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
6-12	A. E. Johnston	1.6	1.53	.....	2.4
7-31	C. G. Hrubesky	1.1	.91	.....	1.0
8-15	do	.9	1.17	.....	1.1
8-27	A. E. Johnston	3.6	1.00	.....	3.6
9- 2	C. G. Hrubesky	.....	.....	.....	.0
10- 6	A. E. Johnston	.....	.....	.....	.0
<b>1925</b>					
5-20	A. E. Johnston	2.5	1.44	.....	3.6
6- 1	do	2.9	1.79	.....	5.2
6-16	do	2.8	1.57	.....	4.4
6-24	do	3.3	1.18	.....	3.9
7-10	do	7.0	.61	.....	4.3
7-13	do	2.6	1.11	.....	2.9
7-24	do	4.8	1.00	.....	4.8
8- 3	do	3.3	1.64	.....	5.4
8-24	do	3.1	1.68	.....	5.2
9-15	do	2.4	1.37	.....	3.3
10-16	do	3.3	1.52	.....	4.9
11- 3	do	2.9	1.48	.....	4.2
<b>1926</b>					
3-19	A. E. Johnston	2.7	1.96	.....	5.3
4-10	do	.....	.....	.....	.0
4-30	do	3.3	1.30	.....	4.3
5-21	do	3.2	1.03	.....	3.3
6-16	do	3.0	1.37	.....	4.2
6-30	do	2.7	.99	.....	2.5
7-24	do	2.5	1.00	.....	2.4
8-10	do	4.4	1.11	.....	4.9
8-18	do	.....	.....	.....	.0
9- 3	do	2.2	1.37	.....	3.0
10- 1	do	2.1	1.28	.....	2.8
10-27	do	.....	.....	.....	3.7
11-13	do	.....	.....	.....	4.1
<b>1927</b>					
4- 4	A. E. Johnston	.....	.....	.....	0.0
6-27	do	3.8	1.22	.....	3.1
7-28	do	5.8	.48	.....	2.8
8- 4	do	2.6	1.03	.....	2.7
8-26	do	3.8	.81	.....	3.1
9-16	do	2.0	1.55	.....	3.1
10- 8	do	2.7	1.40	.....	3.8
10-11	do	2.4	1.50	.....	3.6
10-29	do	2.6	1.38	.....	3.6
11-18	do	2.9	1.24	.....	3.6
11-25	do	2.2	1.41	.....	3.1



## MEASUREMENTS OF CANALS—Continued

COLD WATER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
1-11	A. E. Johnston	1.1	1.09	.....	1.2
1-20	do	1.7	1.11	.....	1.9
2- 3	do	2.7	1.40	.....	3.8
3- 1	do	3.6	1.36	.....	4.9
3- 5	do	3.3	1.27	.....	4.2
3-29	do	.....	.....	.....	.0
4-27	do	2.2	1.55	.....	3.4
6- 2	do	3.0	1.77	.....	5.3
6- 5	do	3.2	1.25	.....	4.0
6-30	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
9- 6	do	4.2	1.07	.....	4.5
9-20	do	2.9	1.59	.....	4.6
10-20	do	.....	.....	.....	.0
12- 3	do	2.7	1.21	.....	3.3
12-19	do	3.1	1.87	.....	5.8

## COOK CANAL No. 1—DOCKET 980

Diverted from Niobrara River in Sec. 1, Twp. 28, Rge. 56 W.

1925					
5-27	A. E. Johnston	1.7	1.59	.....	2.7
6-19	do	3.6	.41	.....	1.5
8-18	do	2.9	.90	.....	2.6
9-10	do	3.5	.85	.....	3.0
1926					
5- 4	A. E. Johnston	2.4	1.92	.....	4.6
5-25	do	2.4	1.50	.....	3.6
7- 4	do	.....	.....	.....	.0
9-11	do	3.3	1.06	.....	3.5
1927					
5-24	A. E. Johnston	.....	.....	.....	0.0
6-21	do	4.7	0.42	.....	2.0
8-30	do	1.8	.39	.....	.7
1928					
5- 1	A. E. Johnston	3.8	0.63	.....	2.4
8-15	do	2.5	.33	.....	.9
9-25	do	2.2	.36	.....	.8
10-23	do	2.5	.52	.....	1.3

## COOPER CANAL—DOCKET 872

Diverted from Lower Dugout Creek in Sec. 4, Twp. 19, Rge. 48 W.

1922					
6-29	A. E. Johnston	1.1	0.72	0.50	0.8
7-13	A. H. Atkins	.8	.87	.43	.7
7-13	do	1.0	1.10	.58	1.1
7-13	do	1.2	1.25	.65	1.5

## MEASUREMENTS OF CANALS—Continued

COOPER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
7-17	A. E. Johnston	1.3	0.76	0.67	1.0
8- 1	do	.5	.63	.55	.4
8-16	do	.5	.79	.45	.4
9-12	do	1.1	.90	.55	1.1
<b>1925</b>					
4- 6	A. E. Johnston	0.5	1.11	0.60	0.6
5-20	do	.7	1.53	.....	1.1
6-23	do	.4	.47	.30	.2
8-24	do	.....	.....	.....	.0
<b>1927</b>					
4- 4	A. E. Johnston	.....	.....	.....	0.0
5-25	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
6-25	do	1.0	0.66	0.55	.7

## COOPER CANAL—APPLICATION 42

Diverted from White Clay Creek in Sec. 2, Twp. 31, Rge. 52 W.

<b>1921</b>					
3-16	Palmer and Heywood	2.0	1.32	.....	2.6
<b>1924</b>					
7-26	A. E. Johnston	0.5	0.96	.....	0.5
8-21	do	2.3	.61	.....	1.4
10-27	J. D. Heywood	.....	.....	.....	2.2
11-17	do	1.8	1.09	.....	2.0
11-29	do	.....	.....	.....	.0
<b>1925</b>					
4-28	A. E. Johnston	2.6	1.29	.....	3.4
5-25	do	2.1	1.33	.....	2.8
6-20	do	2.3	.91	.....	2.1

## COOPER WEST SIDE CANAL

<b>1926</b>					
5-26	A. E. Johnston	2.2	0.54	.....	1.2
7- 1	do	.9	1.33	.....	1.2
7- 7	do	1.7	.58	.....	1.0
7-27	do	1.4	.92	0.80	1.3
8-13	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
<b>1927</b>					
6-22	A. E. Johnston	.....	.....	.....	0.0
8- 1	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
<b>1928</b>					
5- 3	A. E. Johnston	4.0	1.47	.....	5.9
7- 3	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## COOPER EAST SIDE CANAL

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5-26	A. E. Johnston	1.8	0.84	.....	1.5
<b>1927</b>					
6-22	A. E. Johnston	.....	.....	.....	0.0
8- 1	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
<b>1928</b>					
5- 3	A. E. Johnston	.....	.....	.....	0.0
6- 4	do	.....	.....	.....	.0
7- 3	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
9- 7	do	0.5	1.22	0.60	.7
9-27	do	.....	.....	.....	.0

## COOPER CANAL—APPLICATION 333

Diverted from Squaw Creek in Sec. 36, Twp. 32, Rge. 52 W.

<b>1925</b>					
4-28	A. E. Johnston	0.9	1.00	.....	0.9
5-26	do	1.6	.55	.....	.3
7-28	do	.....	.....	.....	.0
<b>1928</b>					
4- 3	Johnston and Rasmussen	0.9	0.65	.....	0.6
8-13	A. E. Johnston	.4	1.38	0.50	.5
9-27	do	.....	.....	.....	.0

## COURT HOUSE ROCK CANAL—DOCKETS 840 AND 1028

Diverted from Pumpkinseed Creek in Sec. 30, Twp. 19, Rge. 50 W.

Measurements made at rating flume

<b>1918</b>					
6-15	W. F. Chaloupka	7.3	2.57	1.49	18.8
6-19	do	7.6	2.24	1.56	17.1
6-21	do	7.8	2.14	1.60	16.8
6-26	do	8.3	1.81	1.69	15.1
7- 1	do	7.9	1.50	1.67	11.9
7- 3	do	8.9	1.46	1.70	13.0
7-15	do	9.9	1.61	1.85	16.0
7-23	do	7.5	1.56	1.54	11.8
7-24	do	7.3	1.51	1.52	11.1
7-27	do	7.5	1.54	1.52	11.7
8- 3	do	6.8	1.50	1.40	10.2
8-10	do	6.8	1.50	1.40	10.2
8-13	do	7.5	1.54	1.50	11.6
8-19	do	7.9	1.58	1.54	12.6
9- 2	do	5.0	2.78	1.11	14.0
9- 9	do	4.2	3.28	1.05	13.7
9-16	do	5.9	2.75	1.26	16.3
9-19	do	5.0	2.91	1.00	14.7
9-23	do	5.1	2.84	1.10	14.4

MEASUREMENTS OF CANALS—Continued

COURT HOUSE ROCK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
5-22	W. F. Chaloupka	6.1	2.69	1.31	16.6
5-26	do	6.0	2.95	1.30	17.7
6- 2	do	7.4	2.81	1.43	20.7
6- 9	do	7.8	2.76	1.55	21.5
6-15	do	5.7	2.66	1.28	15.1
6-23	do	6.9	1.96	1.46	13.7
6-30	do	7.9	1.43	1.60	11.3
7- 7	do	10.0	1.19	1.89	11.9
7-14	do	10.7	.94	2.00	10.1
7-21	do	.....	.....	.....	.0
7-28	do	6.0	2.23	1.30	13.4
8- 4	do	5.8	2.65	1.33	15.5
8-11	do	5.0	2.79	1.11	13.8
8-17	do	3.1	2.40	.80	7.4
9- 5	do	2.8	2.76	.30	7.7
9-13	T. C. Palmer	3.0	2.94	.70	8.8
9-20	do	3.2	3.04	.78	9.6
9-27	do	3.2	3.07	.90	9.7
10- 4	do	3.8	3.36	1.02	12.7
10-13	do	5.1	3.03	1.20	15.4
10-20	do	6.5	2.79	1.40	18.2
10-28	do	5.8	2.58	1.28	14.9
11- 4	do	5.8	2.63	1.28	15.3
<b>1920</b>					
6-13	T. C. Palmer	9.8	3.14	1.85	30.7
6-26	do	11.8	3.15	1.67	37.0
7- 3	do	8.2	3.35	1.61	27.5
7-12	do	8.4	2.79	1.67	23.4
7-21	do	10.3	2.30	1.95	23.7
7-31	do	11.4	2.03	2.10	23.1
8- 9	do	12.6	1.66	2.22	20.9
8-24	do	7.7	2.69	1.50	20.7
8-30	do	13.3	3.00	2.05	40.3
9- 7	do	10.0	2.94	1.90	29.5
9-13	do	2.1	1.98	.67	4.2
9-30	do	4.2	3.01	1.00	12.6
10-12	do	4.9	2.80	1.15	13.7
10-20	do	8.9	3.29	1.70	29.3
<b>1921</b>					
5- 6	W. F. Chaloupka	8.4	3.25	1.18	28.4
5-14	do	6.0	3.38	.82	20.3
5-28	do	3.5	3.03	.46	10.7
6-30	T. C. Palmer	6.9	3.14	1.00	21.9
7-23	W. F. Chaloupka	8.2	2.01	1.06	16.6
7-30	do	11.1	1.75	1.43	19.4
8- 6	do	13.2	1.49	1.67	19.6
8-13	do	9.7	2.04	1.40	20.0
8-19	do	8.9	1.48	1.18	13.4
9- 2	do	11.4	1.50	1.49	17.0
9-17	T. C. Palmer	13.2	1.52	1.65	20.1

## MEASUREMENTS OF CANALS—Continued

COURT HOUSE ROCK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
5-31	T. C. Palmer	*8.2	2.53	1.30	20.8
6-10	do	9.1	2.29	1.40	20.8
6-15	A. E. Johnston	11.5	1.88	1.50	21.7
6-17	T. C. Palmer	10.6	2.07	1.63	15.6
7- 1	do	12.5	.93	1.90	11.7
7- 7	A. H. Atkins	7.6	1.69	1.14	12.9
7-10	do	6.7	2.41	.96	16.2
7-11	do	6.7	2.61	.93	17.5
7-15	do	5.0	2.78	.80	13.9
7-22	do	6.7	3.02	.85	20.3
7-29	do	6.0	3.06	.94	18.4
8- 9	do	5.0	3.04	.74	15.2
8-16	do	5.1	2.76	.75	14.1
8-28	do	6.2	2.62	.90	16.3
9-23	A. E. Johnston	4.6	2.93	.55	13.5
*Areas are not all correct. Flume is 7.0 feet wide in 1921 and widened two plank in the spring of 1922. First five gagings are not dependable.					
<b>1923</b>					
6- 1	Willis and Ketcham	3.9	3.10	0.48	11.9
6- 1	do	4.3	3.65	.70	15.8
6- 9	A. H. Atkins	.0	.00	.00	.0
6-19	E. F. Ketcham	11.7	2.90	1.50	33.9
6-19	do	8.3	2.28	1.07	18.9
6-19	do	4.0	2.58	.65	10.3
6-19	do	1.9	1.35	.25	2.6
7- 2	do	11.8	2.07	1.54	24.5
7-16	A. H. Atkins	.0	.00	.00	.0
7-31	A. E. Johnston	8.4	2.61	1.00	22.0
8-11	E. F. Ketcham	8.7	2.40	1.14	20.9
8-20	A. H. Atkins	.0	.00	.00	.0
8-21	E. F. Ketcham	.0	.00	.....	.0
9-25	A. E. Johnston	12.8	1.80	1.45	23.0
11-22	do	11.8	2.05	1.50	24.1
<b>1924</b>					
8-22	A. E. Johnston	7.2	2.40	1.00	17.3
8-25	W. F. Chaloupka	6.3	2.10	.89	13.2
9-13	A. E. Johnston	8.4	2.00	1.15	16.8
11- 3	do	12.6	1.84	1.60	23.2
<b>1925</b>					
4-18	Johnston and Hall	10.1	3.19	1.20	32.2
5-16	A. W. Hall	10.0	2.49	1.30	24.9
6-12	do	13.5	1.65	1.68	22.3
6-25	do	.....	.....	.....	.0
7-20	do	9.4	1.36	1.25	12.8
8- 7	Hall and Chaloupka	8.5	1.75	1.15	14.8
8-17	do	.8	1.86	1.18	15.3
8-27	do	8.6	1.38	1.30	11.9
9-12	A. E. Johnston	11.4	1.13	1.55	12.9

## MEASUREMENTS OF CANALS—Continued

COURT HOUSE ROCK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5-17	A. W. Hall	10.2	2.88	1.35	29.4
5-25	do	11.4	2.74	1.45	31.2
6- 6	do	8.8	1.60	1.22	14.1
6-20	do	8.0	1.65	1.16	13.2
7- 4	do	.....	.....	.....	.0
7-19	do	7.9	2.48	1.10	19.6
8- 9	do	12.4	1.44	1.50	17.9
8-17	A. E. Johnston	14.1	1.07	1.90	16.5
9-17	A. W. Hall	13.0	1.08	.90	14.0
9-26	do	.0	.00	.00	.0
10-11	A. E. Johnston	.....	.....	1.25	22.6
<b>1927</b>					
5-18	A. W. Hall	11.5	3.24	1.70	37.4
6- 7	do	.....	.....	.....	.0
6-18	A. E. Johnston	11.3	3.06	1.50	34.7
7-21	A. W. Hall	11.0	2.46	.....	27.1
8-10	do	8.0	2.32	.....	18.5
<b>1923</b>					
5- 7	A. W. Hall	12.1	3.10	1.60	37.3
5-26	do	.....	.....	.....	31.6
6-20	do	.....	.....	.....	.0
7-11	do	8.9	2.10	1.30	18.8
8- 1	do	8.5	2.50	1.35	21.2
9-12	do	12.5	1.93	1.85	24.2
10-18	do	11.2	1.87	1.60	21.0

## COZAD CANAL—DOCKET 626

Diverted from Platte River in Sec. 15, Twp. 11, Rge. 25 W.  
Measurements made west line Sec. 14, Twp. 11, Rge. 25 W.

<b>1918</b>					
7- 2	T. C. Palmer	47.0	1.56	1.86	73.8
7- 4	do	39.8	1.63	1.60	65.0
7- 6	do	44.6	1.52	1.48	67.9
7-23	do	44.1	1.71	1.46	75.5
8-15	do	38.2	1.51	1.26	57.9
8-20	do	36.5	1.65	1.28	60.3
9- 4	do	41.4	1.53	1.38	63.7
9- 5	do	41.0	1.64	1.40	67.5
9-18	do	44.0	1.68	1.60	74.3
9-24	do	43.9	1.67	1.54	73.5
<b>1919</b>					
7-25	Earl North	36.5	1.47	2.40	53.8
7-26	do	34.8	1.43	2.40	49.7
7-29	do	25.3	1.18	1.70	29.9
8- 6	do	50.4	1.45	2.80	73.1
8- 8	do	69.7	1.78	3.40	124.4
8- 9	do	51.0	1.79	3.20	91.4
8-12	do	49.8	2.02	3.10	100.4
8-13	do	50.9	2.30	3.10	117.2

## MEASUREMENTS OF CANALS—Continued

COZAD CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
8-20	Earl North	.....	.....	0.60	0.0
9- 3	do	38.2	1.85	2.50	70.8
9- 4	do	32.6	1.67	2.00	54.7
9-17	do	49.2	2.09	3.00	102.8
9-19	do	49.2	2.15	3.00	105.9
<b>1920</b>					
7-13	G. K. Baumgartner	27.5	1.51	1.00	41.7
7-15	do	27.4	1.59	.95	43.4
8- 2	do	47.4	1.95	1.90	92.9
8- 4	do	53.3	2.16	2.20	115.2
8-17	do	42.7	2.11	1.80	90.1
8-19	do	48.7	2.04	1.90	99.8
9- 4	Palmer and Willis	8.4	.50	.10	4.1
<b>1921</b>					
5- 6	T. C. Palmer	10.7	0.76	0.20	8.1
7-11	A. H. Atkins	54.7	2.12	1.50	116.1
7-15	*J. K. Rohrer	.....	.....	.....	72.0
7-30	A. H. Atkins	44.6	2.08	1.60	92.9
8-16	do	28.0	1.66	1.10	46.5
10-17	T. C. Palmer	15.3	.81	.15	12.4

## COZAD CANAL—DOCKET 626

Diverted from Platte River in Sec. 15, Twp. 11, Rge. 25 W.  
Measurements made west line Sec. 18, Twp. 11, Rge. 24 W.

<b>1922</b>					
6-24	A. E. Johnston	58.7	1.43	.....	84.0
7- 5	do	57.6	1.31	.....	75.8
7-25	do	83.6	1.38	.....	116.2
7-28	do	88.4	1.41	.....	124.9
8- 9	do	80.4	1.51	.....	121.9
8-11	do	73.6	1.45	.....	106.3
8-29	do	59.4	1.56	.....	93.2
9- 6	Johnston and Eyerly	65.0	1.51	.....	98.2
9-18	Johnston and Easterday	20.8	2.87	.....	59.8
9-28	A. E. Johnston	25.0	3.20	.....	80.0

**Note:** Cozad Canal Company did not cooperate with the department to the extent of furnishing daily gage heights. Therefore, discharges were interpolated between days of actual discharge measurements.

<b>1923</b>					
5-20	A. E. Johnston	0.0	0.00	.....	0.0
6- 1	do	.0	.00	.....	.0
7-10	E. F. Ketcham	65.8	1.10	1.60	72.4
7-10	A. H. Atkins	85.5	1.75	.....	150.2
7-29	E. F. Ketcham	85.2	1.20	2.10	102.8
7-31	A. H. Atkins	42.1	1.63	1.60	68.7
8- 9	A. E. Johnston	29.2	1.12	.....	32.8
8-13	A. H. Atkins	13.2	.69	.60	9.2
8-28	do	24.4	1.28	1.00	31.5
9- 6	do	59.7	1.44	1.80	86.2
9-14	A. E. Johnston	54.3	.87	.....	47.8
9-29	A. H. Atkins	16.6	.60	.80	10.0

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

COZAD CANAL  
(Continued)

Date	Hydrographer	Area of section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1924</b>					
5-24	A. E. Johnston	11.5	0.84	.....	12.2
6-18	do	.....	.....	.....	.0
7-18	do	40.0	1.02	0.60	40.9
7-21	do	46.0	1.26	1.20	58.1
8- 6	C. G. Hrubesky	34.5	2.20	3.49	76.2
8-21	do	33.5	1.74	1.20	58.3
8-29	do	38.8	2.11	1.79	81.7
9-10	A. E. Johnston	48.5	1.25	.....	60.7
<b>1925</b>					
5- 9	A. E. Johnston	.....	.....	.....	0.0
5-16	do	.....	.....	.....	.0
*6- 8	do	38.5	1.60	.....	61.5
*6-12	do	66.0	2.00	.....	132.0
*6-30	do	41.4	1.58	.....	65.4
*7- 7	do	62.0	2.06	.....	128.0
7-16	do	.0	.....	.....	.0
7-18	do	32.4	2.00	1.05	64.6
7-21	do	53.0	2.44	2.20	129.0
7-25	R. F. Nosky	84.3	1.70	2.92	143.2
7-30	do	75.5	2.02	2.62	150.5
7-30	do	6.0	1.11	.50	6.7
8- 7	A. E. Johnston	43.0	2.18	1.50	94.1
8-10	do	45.9	1.98	1.60	91.1
8-28	do	12.4	1.60	.40	19.9
9- 2	do	19.7	2.05	.60	40.5
9-19	do	30.1	2.14	1.05	61.4
9-22	do	20.1	1.76	.70	35.3
<b>1926</b>					
5-18	A. E. Johnston	11.5	1.88	.....	19.8
6-10	do	57.4	1.93	2.00	110.5
6-21	do	.....	.....	.....	.0
6-24	do	.....	.....	.....	.0
7-20	do	40.2	1.92	1.40	77.4
8- 3	do	68.9	2.28	2.40	157.2
8- 7	do	68.9	2.21	2.40	152.8
8-24	do	28.7	1.73	1.00	49.8
8-30	do	40.2	1.97	1.40	79.0
9-27	do	34.4	1.70	1.20	58.6
<b>1927</b>					
5-18	A. E. Johnston	.....	.....	.....	0.0
6-11	do	33.9	1.25	1.40	48.6
7- 2	do	40.2	1.43	1.40	57.7
7-14	do	77.5	2.13	2.70	165.4
7-20	do	80.3	2.02	2.80	163.7
7-22	do	94.7	2.05	3.30	194.0
7-23	do	89.0	1.98	3.10	176.2

\*Measured at U. P. R. R. bridge.



## MEASUREMENTS OF CANALS—Continued

COZAD CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1927</b>					
8- 9	A. E. Johnston	40.2	1.84	1.40	73.9
8-20	do	20.0	1.72	.70	34.5
9-13	do	34.4	1.80	1.20	62.1
10- 4	do	.....	.....	.....	.0
<b>1928</b>					
4-21	A. E. Johnston	.....	.....	.....	0.0
5-25	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	20.1	3.15	0.70	63.0
7-17	do	63.3	3.52	2.20	223.2
7-30	do	45.9	3.66	1.60	168.0
8- 7	do	28.7	3.11	1.00	89.5
8-23	do	34.4	4.34	1.20	149.2
8-24	do	34.4	3.93	1.20	135.0
8-30	do	26.8	4.52	.90	118.7
9- 1	do	24.8	4.40	.90	109.6
9-14	do	22.9	3.26	.80	74.9
10-16	do	20.0	3.14	.70	62.9

## CRESCENT LAKE CANAL—APPLICATION 1575

Diverted from Crescent Lake in Sec. 21, Twp. 20, Rge. 44 W.

<b>1921</b>					
7-19	A. H. Atkins	24.7	2.21	1.50	54.7
7-19	do	27.4	2.36	1.61	64.8
7-19	do	20.8	1.79	1.30	37.2
<b>1922</b>					
7-20	A. E. Johnston	23.0	1.74	.....	40.2
8- 4	do	12.4	1.47	1.03	8.4

## CREWS CANAL—APPLICATION 1709

Diverted from Republican River in Sec. 20, Twp. 1, Rge. 41 W.

<b>1925</b>					
8-10	C. E. Franklin	5.2	0.83	.....	4.3
8-24	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
<b>1926</b>					
8- 9	C. E. Franklin	2.9	1.55	1.00	4.5
8-20	do	.....	.....	.....	.0
<b>1927</b>					
4-21	Franklin and Whitehead	.....	.....	.....	0.0
8-26	C. E. Franklin	.....	.....	.....	.0
<b>1928</b>					
7-10	C. E. Franklin	.....	.....	.....	†0.5
8-18	do	.....	.....	.....	†.5

†Estimated.

MEASUREMENTS OF CANALS—Continued

CRIGLER CANAL—DOCKET 861—APPLICATION 486  
 Diverted from Lawrence Fork in Sec. 1, Twp. 18, Rge. 52 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
7-15	W. F. Chaloupka	0.6	0.83	.....	0.5
<b>1922</b>					
7-10	A. H. Atkins	1.9	2.05	.....	3.9
<b>1923</b>					
7-14	A. H. Atkins	.....	.....	.....	0.0
8-20	do	.....	.....	.....	.0
<b>1924</b>					
8-25	W. F. Chaloupka	2.5	1.02	.....	2.4
9-13	A. E. Johnston	1.7	.94	.....	1.6
<b>1925</b>					
6-12	A. W. Hall	1.7	1.10	.....	1.9
8-27	do	.7	.71	.....	.5
<b>1926</b>					
8-17	A. E. Johnston	0.8	0.75	.....	0.6
<b>1927</b>					
6- 7	A. W. Hall	.....	.....	.....	0.0
6-22	do	.....	.....	.....	.0

CULBERTSON CANAL—DOCKETS 24, 25, 29, 30

Diverted from Frenchman River and Stinking Water Creek in Sec. 31, Twp. 5, Rge. 3 W.

<b>1919</b>					
7-15	Bailey and Palmer	67.3	1.28	3.20	86.5
10-23	do	60.6	1.11	2.60	67.1
10-24	do	2.7	.83	.....	2.3
<b>1921</b>					
5-17	T. C. Palmer	46.4	1.83	2.90	85.0
8-24	Palmer and Bailey	29.4	1.43	1.85	42.1
<b>1922</b>					
5-24	T. C. Palmer	45.8	1.77	2.85	81.1
7- 8	do	37.8	2.29	2.90	86.9
8- 2	Palmer and Strong	51.2	1.85	3.20	95.0
8-23	Johnston and Strong	46.4	1.68	2.90	78.3
10-24	A. E. Johnston	46.4	1.74	2.90	81.1
<b>1923</b>					
4-16	Johnston and Strong	25.6	1.42	1.60	36.4
6-21	A. E. Johnston	20.8	1.17	1.30	24.5
7-19	do	16.0	1.01	1.00	16.2
8- 4	do	16.0	1.10	1.00	17.6
8-26	E. F. Ketcham	31.4	1.32	2.00	21.6
9-18	A. E. Johnston	44.8	1.79	2.80	80.3
10-12	do	22.4	1.08	1.40	24.3

## MEASUREMENTS OF CANALS—Continued

CULBERTSON CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
5-29	A. E. Johnston	44.8	2.06	2.85	92.6
6-25	do	24.0	1.27	1.50	30.7
7-10	Hall and Whitehead	46.4	1.79	2.90	83.1
8- 7	A. E. Johnston	41.6	1.88	2.60	78.1
9- 6	do	43.2	1.90	2.70	82.4
<b>1925</b>					
5-19	C. E. Franklin	25.6	1.60	1.60	40.2
6- 9	do	46.4	2.40	2.90	94.3
6-24	do	44.7	2.08	2.79	93.3
7-13	Franklin and Whitehead	40.9	1.93	2.51	79.5
7-17	C. E. Franklin	41.6	1.87	2.57	77.7
7-22	Franklin and Whitehead	43.0	1.86	2.68	80.0
7-25	C. E. Franklin	41.6	1.90	2.60	78.9
7-29	do	48.0	1.98	3.00	95.0
7-30	do	49.6	2.10	3.10	104.1
8- 8	do	47.2	1.89	2.95	89.3
8-20	do	36.8	1.80	2.30	66.4
9- 3	do	44.8	1.85	2.80	82.6
9-18	do	36.8	1.76	2.30	64.8
10-12	do	40.6	2.14	2.60	86.9
<b>1926</b>					
3-31	C. E. Franklin	35.2	1.78	2.20	62.7
4-17	do	49.4	2.15	3.10	111.5
5- 3	do	44.8	2.30	2.80	102.8
5-15	do	35.2	2.04	2.20	71.7
5-27	do	44.4	2.19	2.75	97.2
6-15	do	45.0	2.32	2.81	104.6
6-27	do	46.6	2.22	2.94	103.1
7-14	do	40.4	2.04	2.38	82.8
8- 8	do	34.9	1.85	2.18	64.6
8-22	do	41.1	2.00	2.57	82.3
10-14	A. E. Johnston	.....	.....	2.60	55.8
11- 5	do	.....	.....	2.40	84.5
<b>1927</b>					
4-30	C. E. Franklin	28.8	1.68	1.78	48.4
5-15	do	32.0	1.98	2.00	63.3
5-28	do	27.2	2.27	2.64	61.9
6-28	do	33.6	1.71	2.10	57.7
7- 9	do	40.0	2.02	2.50	80.8
7-23	do	43.2	2.17	2.70	93.7
8- 7	Franklin and Whitehead	43.2	2.14	2.70	92.9
8-22	C. E. Franklin	41.6	2.45	2.51	92.9
9- 6	do	27.2	2.11	1.70	57.3
10- 2	do	36.8	2.01	2.30	74.1
11- 2	do	.....	.....	.....	.0
11- 4	do	21.6	1.97	2.35	42.7

MEASUREMENTS OF CANALS—Continued

CULBERTSON CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
5-20	C. E. Franklin	30.6	1.34	1.95	41.2
6-24	do	26.6	1.15	1.88	30.8
7-14	do	21.6	1.10	1.71	23.8
7-27	do	.....	.....	.....	.0
8-15	do	35.8	1.44	2.50	51.5
9- 8	do	46.8	1.64	3.04	76.9
9-20	do	49.0	1.62	3.10	79.4
10- 1	do	46.6	1.24	2.95	57.6
10-19	do	45.8	1.66	2.95	76.1

CURRIE PUMPING PLANT—DOCKET 938

Diverted from Kiowa Creek in Sec. 13, Twp. 21, Rge. 57 W.

<b>1921</b>					
8-19	T. C. Palmer	2.5	0.52	.....	1.3

DAWSON CANAL WASTEWAY INTO BUFFALO CREEK  
Sec. 35, Twp. 11, Rge. 22 W.

<b>1925</b>					
7-23	R. F. Nosky	.....	.....	.....	23.0
7-24	do	.....	.....	.....	27.0
7-24	do	.....	.....	9.00	54.0
7-25	do	.....	.....	9.14	61.0
7-28	do	.....	.....	9.20	62.0
7-30	do	.....	.....	9.30	72.0
7-31	do	.....	.....	.....	72.0

<b>1928</b>					
8-24	A. E. Johnston	16.7	1.21	1.10	20.3
8-30	do	23.3	1.41	1.70	33.0
8-31	do	32.9	1.79	2.60	65.0
9-13	do	17.3	1.20	.90	20.7

DAWSON COUNTY CANAL—DOCKETS 621, 622 AND 624  
APPLICATION 2039

Diverted from Platte River in Sec. 18, Twp. 10, Rge. 23 W.

<b>1918</b>					
5-24	T. C. Palmer	62.4	1.58	.....	98.8
6-12	do	27.9	.86	1.35	24.0
6-14	do	13.8	.63	1.10	8.7
7- 2	do	62.8	1.80	2.40	113.3
7- 4	do	74.5	1.88	2.35	140.4
7-16	do	77.1	2.05	2.80	158.6
7-23	do	80.3	2.19	3.00	176.0
8-15	do	84.7	2.11	3.95	179.2
8-20	do	84.0	1.90	2.26	159.8
9- 4	do	62.3	1.61	2.00	100.3
9- 5	do	65.8	1.75	2.05	115.6
9-18	do	87.4	2.04	2.85	178.5
9-24	do	80.5	2.04	2.70	164.9

## MEASUREMENTS OF CANALS—Continued

DAWSON COUNTY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.- Ft.
<b>1919</b>					
7- 2	Earl North	40.9	1.75	2.20	71.7
7-17	do	52.9	1.56	2.50	82.6
7-21	do	52.2	1.80	2.50	94.3
7-24	do	49.8	1.65	2.25	82.3
7-25	do	46.9	1.52	2.05	71.3
7-26	do	49.1	1.64	2.20	80.7
7-29	do	28.8	1.21	1.60	34.7
7-30	do	23.7	.80	1.45	19.9
8- 6	do	59.3	2.09	2.80	124.1
8- 8	do	63.2	2.25	3.00	142.2
8- 9	do	64.2	2.15	3.20	137.9
8-12	do	69.1	2.29	3.15	158.2
8-13	do	67.8	2.12	3.00	143.6
8-20	do	.....	.....	1.20	.0
9- 3	do	61.4	1.91	2.90	117.1
9- 4	do	60.0	1.79	2.90	107.3
9-17	do	68.8	1.80	2.90	124.1
9-19	do	68.8	1.80	2.90	124.0
<b>1920</b>					
6-14	G. K. Baumgartner	44.8	1.56	2.40	68.9
6-30	do	49.0	1.86	2.50	91.0
7-13	do	76.9	2.27	3.20	174.7
7-15	do	72.5	2.18	3.10	158.3
8- 2	do	92.2	2.22	2.80	204.3
8- 4	do	98.3	2.17	2.85	213.6
8-17	do	75.0	1.88	2.90	140.9
8-19	do	84.0	2.11	3.05	177.3
9- 4	Willis and Palmer	.....	.....	1.00	.0
<b>1921</b>					
7-12	A. H. Atkins	78.0	1.94	2.55	150.1
7-31	do	56.0	3.45	2.70	193.4
8-16	do	50.0	2.49	2.40	149.1
10-17	T. C. Palmer	28.0	1.60	1.40	44.9
<b>1922</b>					
6- 5	A. E. Johnston	37.8	2.83	1.80	107.1
6-21	do	44.0	2.55	2.20	112.1
6-24	do	38.0	2.40	1.90	91.3
7- 6	do	56.0	3.13	2.80	175.5
7- 8	do	56.0	3.27	2.80	183.3
7-25	do	75.0	3.32	3.00	249.6
7-27	do	60.0	3.45	3.00	207.0
8- 9	do	45.3	2.48	2.25	112.6
8-11	do	44.0	1.47	2.20	109.0
8-28	do	38.0	2.33	1.90	88.8
9- 7	Johnston and Eyerly	.0	.00	.00	.0
9- 8	do	30.0	2.13	1.53	64.1
9-18	Johnston and Easterday	56.0	3.01	2.80	168.8
9-28	A. E. Johnston	50.0	2.85	2.50	142.9

## MEASUREMENTS OF CANALS—Continued

DAWSON COUNTY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. -Ft.
<b>1923</b>					
5-20	A. E. Johnston	0.0	0.00	.....	0.0
7-10	E. F. Ketcham	59.9	2.31	1.25	138.9
7-31	A. H. Atkins	58.8	2.77	2.00	163.4
8- 8	A. E. Johnston	70.0	2.08	1.60	146.1
8-12	A. H. Atkins	49.9	2.46	1.20	123.1
8-28	do	35.6	2.43	1.10	86.6
9- 6	do	33.8	2.16	.90	73.3
9-15	A. E. Johnston	54.0	1.96	1.20	106.0
9-29	A. H. Atkins	6.4	2.07	.20	13.3
<b>1924</b>					
5-24	A. E. Johnston	38.0	1.91	1.15	72.8
6-18	do	58.8	2.09	1.90	123.4
7-18	do	79.3	2.39	2.55	189.5
7-21	do	76.8	2.42	2.50	186.4
8- 6	C. G. Hrubesky	71.6	2.41	2.42	173.0
8-21	do	71.4	2.10	2.16	150.6
8-28	do	73.3	2.54	2.32	186.1
9-10	A. E. Johnston	61.0	2.30	2.25	141.4
10-21	do	32.3	2.06	1.80	66.8
<b>1925</b>					
5-15	A. E. Johnston	31.6	1.92	1.60	60.7
6- 8	do	44.7	2.25	2.20	100.5
6-11	do	66.4	2.62	2.80	169.0
6-30	do	37.8	1.83	1.90	69.3
7- 6	do	34.4	1.74	1.80	60.0
7-16	do	36.7	1.71	1.90	62.9
7-17	Johnston and Neff	54.0	2.34	2.40	127.1
7-18	A. E. Johnston	60.0	2.44	2.65	146.2
7-21	do	65.9	2.48	2.75	168.0
7-25	R. F. Nosky	111.8	2.72	3.82	304.8
7-30	do	108.6	2.60	3.78	282.1
8- 7	A. E. Johnston	101.6	2.47	3.50	251.0
8-10	do	85.4	1.98	3.00	169.0
8-29	do	51.0	1.37	2.00	70.1
9- 2	do	50.3	1.68	2.00	84.6
9-19	do	68.2	1.87	2.40	127.0
9-22	do	63.6	1.76	2.30	112.2
<b>1926</b>					
4-26	A. E. Johnston	41.6	1.73	2.10	72.1
5-17	do	53.8	1.59	2.10	85.5
6-10	do	87.7	2.17	3.00	189.9
6-24	do	76.0	2.04	2.90	155.5
7-20	do	93.5	2.49	3.45	233.0
8- 3	do	116.3	2.78	4.00	324.2
8- 7	do	108.0	2.66	3.80	288.0
8-24	do	90.9	2.27	3.35	205.9
8-30	do	82.0	2.44	3.30	199.8
9-25	do	72.4	1.95	3.00	141.1

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

DAWSON COUNTY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5- 7	A. E. Johnston	72.0	1.48	1.85	106.3
5-18	do	45.4	1.14	1.30	51.9
6-11	do	70.8	1.96	2.15	139.0
7- 2	do	67.0	1.79	2.00	120.0
7-13	do	109.0	2.58	3.22	281.0
7-20	do	132.1	2.60	3.65	343.4
7-22	do	112.2	2.53	3.20	270.0
8- 9	do	119.4	2.67	3.35	319.6
8-19	do	108.0	2.44	2.98	264.6
9-12	do	85.4	2.40	2.70	205.2
10- 4	do	46.4	1.30	1.80	60.3
10-19	do	.....	.....	.....	.0
<b>1928</b>					
4-20	A. E. Johnston	56.2	1.95	2.25	109.4
5-24	do	73.2	2.06	2.60	150.2
6-11	do	84.0	2.13	2.80	179.3
6-25	do	45.6	1.82	2.05	83.1
7-16	do	96.2	2.36	3.45	226.1
7-30	do	143.6	2.88	4.55	413.3
8- 7	do	111.6	1.42	3.30	165.5
8-21	R. F. Nosky	93.0	2.25	3.25	209.5
8-22	do	143.7	3.22	4.46	462.2
8-23	A. E. Johnston	140.2	2.24	4.00	315.1
8-24	do	137.2	2.41	4.10	332.0
8-30	do	129.6	2.54	4.05	329.4
8-31	do	138.4	2.66	4.35	368.7
9-11	do	120.4	2.36	3.75	285.2
9-13	do	99.6	2.58	3.65	257.7
10-15	do	.....	.....	.....	.0
<b>DELAWARE HICKMAN CANAL—DOCKET 157</b>					
Diverted from Republican River in Sec. 17, Twp. 1, Rge. 37 W.					
<b>1922</b>					
6-25	T. C. Palmer	11.8	0.83	.....	9.8
7- 9	do	9.6	.96	.....	9.3
8- 4	Palmer and Strong	6.7	.80	.....	5.4
<b>1923</b>					
2- 7	A. E. Johnston	0.0	0.00	.....	0.0
4-16	do	.0	.00	.....	.0
7-17	do	.0	.00	.....	.0
8- 4	do	.0	.00	.....	.0
8-27	E. F. Ketcham	.0	.00	.....	.0
9-19	A. E. Johnston	.0	.00	.....	.0
10-13	do	.0	.00	.....	.0
<b>1926</b>					
4-19	C. E. Franklin	4.1	1.32	.....	5.4
5- 5	do	11.8	1.96	.....	23.1
5-18	do	4.3	1.26	.....	5.4

## MEASUREMENTS OF CANALS—Continued

DELAWARE HICKMAN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-27	C. E. Franklin	0.7	0.64	.....	0.5
6-16	do	10.4	1.65	1.50	17.2
6-28	do	5.9	1.59	1.10	9.4
7-15	do	.....	.....	.....	.0
8- 9	do	.....	.....	.45	†.1
8-21	do	3.0	1.13	.85	3.4
<b>1927</b>					
3-31	C. E. Franklin	.....	.....	.....	0.0
4-20	do	.....	.....	.....	.0
5- 3	do	.....	.....	.....	.0
5-18	do	8.4	1.63	1.70	13.7
5-30	do	3.6	.95	1.05	3.4
6-29	do	2.4	1.04	.95	2.5
7-11	Franklin and Whitehead	3.4	1.06	1.05	3.6
7-27	C. E. Franklin	5.0	1.42	1.35	7.1
8-26	do	1.1	.55	.78	.6
9- 8	do	1.1	.55	.88	.6
10- 6	do	4.4	1.00	1.20	4.4
<b>1928</b>					
5-23	C. E. Franklin	.....	.....	.....	0.0
6-19	do	.....	.....	.....	5.0
7- 9	do	.....	.....	.....	†.7
7-30	do	0.2	0.80	.....	.2
8-17	do	.....	.....	.....	†.6
9-11	do	5.1	1.33	.....	6.8
9-21	do	4.8	.90	.....	4.3
10- 4	do	3.2	.53	.....	1.7
10-23	do	2.8	.61	.....	1.7

## DICKINSON CANAL—DOCKET 969

Diverted from Lodgepole Creek in Sec. 26, Twp. 14, Rge. 47 W.

<b>1924</b>					
9-13	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
5- 6	C. E. Franklin	0.6	1.29	.....	0.7
6- 6	do	.7	.71	.....	.5
6-20	do	3.2	1.18	.....	3.8
6-21	do	4.6	.78	.....	3.6
7-10	do	.2	.61	.....	.1
7-10	do	.2	.71	.....	.7
9- 9	do	1.4	1.05	.....	1.4
<b>1926</b>					
6-24	C. E. Franklin	1.2	0.93	0.60	1.1
7- 9	do	.....	.....	.....	.0
8- 6	do	.....	.....	.40	.0
8-18	do	3.0	1.10	1.60	3.3
9- 2	do	.....	.....	.50	†.2

†Estimated.



## MEASUREMENTS OF CANALS—Continued

DICKINSON CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 7	C. E. Franklin	.....	.....	.....	0.0
5-31	do	0.6	.....	.....	.1
6-13	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>DICKINSON CANAL—DOCKET 967</b>					
Diverted from Lodgepole Creek in Sec. 33, Twp. 14, Rge. 47 W.					
<b>1924</b>					
9-13	C. G. Hrubesky	7.0	0.72	.....	5.1
<b>1925</b>					
7-10	C. E. Franklin	2.4	0.93	.....	2.2
7-10	do	.4	.81	.....	.3
<b>1926</b>					
4-14	C. E. Franklin	4.6	1.44	.....	6.6
5-12	do	3.1	.76	.....	2.4
6-24	do	4.1	.98	0.95	4.0
7- 9	do	3.5	.95	.90	3.3
8- 6	do	1.0	.91	.70	.9
8-18	do	.....	.....	.....	.0
9- 2	do	5.9	1.17	1.35	6.9
<b>1927</b>					
4-28	C. E. Franklin	.....	.....	.....	.0
5-10	do	.....	.....	.....	0.0
7-21	do	1.1	0.14	0.70	.2
7-21	do	2.8	.46	.80	1.3
8-18	do	3.6	.28	1.05	1.1
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 7	C. E. Franklin	.....	.....	.....	0.0
5- 7	do	.....	.....	.....	.0
5-31	do	0.6	.....	.....	.5
6-13	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## DODD-McDOWELL CANAL—APPLICATION 1571

Diverted from Little Cottonwood Creek in Sec. 17, Twp. 32, Rge. 53 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
7-19	A. H. Atkins	2.0	0.71	.....	1.4
8-18	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
1924					
11-17	J. D. Heywood	2.9	1.21	.....	3.5
1927					
6-22	A. E. Johnston	.....	.....	.....	0.0
8- 2	Johnston and Rasmussen	.....	.....	.....	.0

## DODD-McDOWELL CANAL—APPLICATION 1276

Diverted from Little Cottonwood Creek in Sec. 17, Twp. 32, Rge. 53 W.

1924					
7-12	Johnston and Heywood	1.6	1.49	.....	2.3
8- 5	J. D. Heywood	.....	.....	.....	.0
1925					
5-26	A. E. Johnston	.....	.....	.....	0.0
9- 9	do	.....	.....	.....	.0
1928					
5- 3	A. E. Johnston	.....	.....	.....	0.0
8-16	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

## DORIS LAKE CANAL—APPLICATION 1300

Diverted from Middle Loup River in Sec. 4, Twp. 19, Rge. 19 W.

1928					
3-13	A. E. Johnston	114.8	1.14	.....	130.9

## DUNDY COUNTY CANAL—DOCKET 118

Diverted from Republican River in Sec. 24, Twp. 1, Rge. 39 W.

1921					
8-26	Palmer and Bailey	5.4	1.09	0.90	5.9
1922					
6-26	T. C. Palmer	7.7	0.55	1.70	4.3
1923					
4-17	A. E. Johnston	0.0	0.00	.....	0.0
6-22	do	.0	.00	.....	.0
7-18	do	.0	.00	.....	.0
8- 4	do	.0	.00	.....	.0
8-28	E. F. Ketcham	.0	.00	.....	.0
9-19	A. E. Johnston	.0	.00	.....	.0
1924					
5-31	A. E. Johnston	2.4	1.02	.....	2.4
6-26	do	3.1	.98	.....	3.0
8- 7	do	.....	.....	.....	.0
9- 5	do	2.9	1.00	.....	2.9

## MEASUREMENTS OF CANALS—Continued

DUNDY COUNTY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
9- 7	C. E. Franklin	1.1	1.35	.....	1.5
9-25	do	.....	.....	.....	.0
1926					
5- 5	C. E. Franklin	3.4	0.62	.....	2.1
5-18	do	3.4	.94	.....	3.2
5-22	do	3.2	.65	.....	2.1
6-16	do	3.8	1.25	.....	4.8
6-28	do	5.3	.69	.....	3.7
7-15	do	.....	.....	.....	.0
8-21	do	.....	.....	.....	.0
1927					
4-21	Franklin and Whitehead	.....	.....	.....	0.0
5- 3	C. E. Franklin	.....	.....	.....	.0
5-30	do	4.5	1.64	.....	7.4
6-29	do	.....	.....	.....	.0
7-12	Franklin and Whitehead	.....	.....	.....	.0
7-27	C. E. Franklin	3.0	.80	.....	2.4
10- 6	do	.....	.....	.....	.0
1928					
5-24	C. E. Franklin	.....	.....	.....	0.0
6-19	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0

## DUNN CANAL—APPLICATION 649

Diverted from Little Cottonwood Creek in Sec. 9, Twp. 32, Rge. 52 W.

1923					
5- 4	Johnston and Heywood	.....	.....	.....	0.0

## EMPIRE CANAL—DOCKET 858

Diverted from North Platte River in Sec. 18, Twp. 21, Rge. 51 W.

Measurements made at rating flume

1918					
6-15	W. F. Chaloupka	15.8	1.06	1.00	16.9
6-19	do	18.6	1.01	1.29	18.9
6-21	do	22.3	1.08	1.56	24.3
7- 1	do	10.7	1.46	1.12	15.6
7-15	do	10.4	1.57	1.12	16.4
8- 3	do	3.8	.94	.61	3.6
8-10	do	5.1	1.23	.73	6.3
8-26	do	2.9	.88	.53	2.6
1919					
5-26	W. F. Chaloupka	11.3	0.97	0.93	10.9
6- 2	do	8.2	.97	.74	8.0
6- 9	do	11.6	1.15	1.12	13.4

## MEASUREMENTS OF CANALS—Continued

EMPIRE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
6-16	W. F. Chaloupka	18.0	1.02	1.48	18.3
6-23	do	9.1	1.37	1.06	12.4
6-30	do	3.4	1.11	.64	3.8
7- 7	do	2.7	.78	.67	2.1
7-14	do	4.3	1.16	.74	4.9
7-21	do	6.2	1.23	.93	7.6
7-28	do	3.1	.88	.66	2.7
8- 4	do	.....	.....	.....	.0
8-11	do	8.3	1.04	1.15	8.6
<b>1920</b>					
7- 1	T. C. Palmer	17.6	0.84	1.00	14.8
7-16	do	6.8	1.52	.67	10.4
7-30	do	6.8	1.37	.70	9.2
8-19	do	2.0	.68	.32	1.4
<b>1921</b>					
5-13	T. C. Palmer	11.3	1.12	0.75	12.6
7- 7	do	4.0	.53	.40	2.1
8- 5	W. F. Chaloupka	5.1	1.16	.64	5.9
8-11	T. C. Palmer	6.5	1.34	.70	8.7
8-13	W. F. Chaloupka	.9	1.89	.40	1.7
8-20	do	3.3	1.02	.55	3.3
<b>1922</b>					
6-14	T. C. Palmer	10.8	1.24	0.80	13.4
6-16	do	8.9	1.43	.70	12.8
6-19	do	9.7	1.51	.....	14.7
6-30	do	13.5	1.57	1.10	21.3
7-15	A. H. Atkins	1.0	.90	.30	.9
7-25	do	10.0	2.06	.85	20.6
8-28	do	5.7	1.73	.75	9.9
9- 4	do	5.7	1.87	.55	10.7
10- 6	A. E. Johnston	4.7	1.27	.70	6.0
<b>1923</b>					
5-11	Ketcham and Johnston	0.0	0.00	.....	0.0
6-25	A. E. Johnston	.0	.00	.....	.0
7- 3	E. F. Ketcham	10.7	1.06	0.70	11.3
7-31	A. E. Johnston	2.4	.98	.30	2.3
8-11	E. F. Ketcham	13.5	1.05	1.10	14.2
8-24	A. E. Johnston	.8	.12	.....	1.0
<b>1924</b>					
7- 6	A. E. Johnston	20.4	0.76	1.80	15.7
7-11	do	24.5	1.00	1.80	24.7
8-23	do	3.7	1.04	.80	3.8
9-20	do	.....	.....	.....	.0
<b>1925</b>					
4-25	Johnston and Franklin	.....	.....	.....	0.0
6- 2	A. W. Hall	7.5	1.60	0.58	12.0
6-17	do	.....	.....	.....	.0
6-29	do	.7	.86	.....	.6
7-18	do	2.5	1.08	.20	2.7

## MEASUREMENTS OF CANALS—Continued

## EMPIRE CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5- 4	A. W. Hall	1.0	0.70	0.20	0.7
6- 6	do	.....	.....	.10	†.5
7- 7	do	9.0	1.76	1.00	15.8
7-19	do	2.2	1.92	.30	4.1
8-19	do	2.1	1.19	.40	2.5
9-13	do	.....	.....	.....	.0
<b>1927</b>					
6- 9	A. W. Hall	.....	.....	.....	0.0
7-26	do	8.4	1.47	1.00	12.3

## ENTERPRISE CANAL—DOCKET 920

Diverted from North Platte River in Sec. 27, Twp. 23, Rge. 57 W.

Measurements made at rating flume

<b>1919</b>					
5-29	T. C. Palmer	54.2	1.92	1.60	104.0
6-12	do	35.6	1.77	1.05	63.2
6-18	do	38.8	1.76	1.20	68.5
6-25	do	50.0	2.01	1.43	100.7
7- 2	do	54.7	1.97	1.50	107.7
7-24	Palmer and Woodman	25.3	1.74	.80	43.9
7-30	do	31.7	1.69	.96	53.8
8- 7	T. C. Palmer	37.9	1.88	1.10	71.2
8-15	do	34.3	1.79	1.05	61.3
8-20	do	35.3	1.81	1.02	63.8
8-28	do	27.9	1.67	.82	46.6
9- 1	do	28.0	1.64	.80	45.9
9- 8	do	9.6	.93	.30	9.0
<b>1920</b>					
6-11	T. C. Palmer	45.6	1.92	1.38	87.4
6-18	do	31.2	1.32	.75	31.2
6-30	do	31.2	2.04	1.13	63.9
7-13	*J. K. Rohrer	.....	.....	1.25	68.0
7-15	T. C. Palmer	34.8	1.79	1.30	63.5
7-28	do	27.2	1.45	1.10	39.4
8-17	do	25.6	1.50	1.00	38.4
8-26	do	24.2	1.60	1.00	38.5
<b>1921</b>					
4-29	T. C. Palmer	17.7	1.28	0.80	22.8
5-12	do	29.6	1.77	1.00	52.4
6-22	do	20.2	1.51	.80	30.5
7- 6	do	58.8	2.00	1.80	117.0
8-10	do	13.7	1.27	.50	17.5
8-19	do	6.8	.80	.32	6.4
8-30	do	2.9	.73	.20	2.1

\*U. S. R. S. Measurements.

†Estimated.

## MEASUREMENTS OF CANALS—Continued

ENTERPRISE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6- 7	T. C. Palmer	39.5	1.68	1.08	66.3
7-13	do	43.5	1.74	1.20	76.1
7-20	do	49.8	1.72	1.40	85.8
7-23	Palmer and Finley	48.2	1.82	1.35	88.2
8-28	Finley and Palmer	21.0	1.48	.63	31.1
10- 4	A. E. Johnston	.0	.00	.00	.0
<b>1923</b>					
5-10	Ketcham and Johnston	0.0	0.00	.....	0.0
5-30	E. F. Ketcham	.0	.00	.....	.0
6-17	do	.0	.00	.....	.0
7-10	A. E. Johnston	62.8	2.11	1.60	132.8
7-27	do	.0	.00	.....	.0
8-15	E. F. Ketcham	.0	.00	.....	.0
8-27	A. E. Johnston	34.4	1.88	1.00	64.9
9-18	A. H. Atkins	31.1	1.63	.80	51.0
9-22	do	21.0	1.66	.50	35.0
10- 1	A. E. Johnston	.0	.00	.....	.0
<b>1924</b>					
6- 9	A. E. Johnston	37.4	1.98	1.20	74.2
7- 2	do	39.7	2.15	1.30	85.4
7- 8	do	57.6	2.05	1.60	118.6
7-26	C. G. Hrubesky	51.2	2.03	1.56	104.7
8-12	do	42.7	1.94	1.37	83.8
8-29	A. E. Johnston	49.2	2.06	1.60	101.5
9- 5	C. G. Hrubesky	49.9	1.95	1.46	97.2
9-17	Johnston and Atkins	.....	.....	.....	22.6
<b>1925</b>					
4-23	Johnston and Franklin	.....	.....	.....	0.0
5-20	A. W. Hall	35.3	2.43	1.05	87.7
6- 5	do	42.6	2.36	1.20	100.6
6-19	do	37.5	2.33	1.00	87.4
7- 3	do	49.7	2.72	1.25	135.2
7-31	do	33.1	3.00	.90	99.3
9- 3	do	22.2	2.96	.60	65.7
9-29	A. E. Johnston	23.1	2.93	.55	67.7
10-21	do	.....	.....	.....	.0
<b>1926</b>					
5-20	A. W. Hall	39.4	2.51	1.17	94.8
6- 3	do	31.0	2.08	.95	64.5
7- 8	do	45.7	2.13	1.32	97.4
7-22	do	31.4	1.51	.80	47.4
8-13	do	42.1	2.25	1.10	94.9
8-27	do	35.0	1.96	1.13	68.6
9-15	do	26.2	1.61	.85	42.3

## MEASUREMENTS OF CANALS—Continued

ENTERPRISE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-30	A. E. Johnston	.....	.....	.....	0.0
6-17	A. W. Hall	31.2	2.38	0.95	74.3
7-22	do	42.5	2.01	1.35	85.5
8- 5	do	14.5	2.14	.50	31.1
8-26	do	36.4	2.22	1.10	81.3
9- 9	do	34.2	2.20	1.02	75.2
<b>1928</b>					
5- 5	A. W. Hall	18.3	1.79	0.55	32.8
5-18	do	24.0	1.95	.70	46.8
6- 9	do	28.1	1.95	.90	54.7
6-29	do	29.3	1.62	.90	47.6
7-13	do	46.8	2.06	1.38	96.3
8-21	do	42.5	2.67	1.28	113.8
<b>ENTERPRISE CANAL—DOCKET 920</b>					
Diverted from Spotted Tail Creek, Dry, in Sec. 21, Twp. 23, Rge. 56 W.					
<b>1922</b>					
6- 6	T. C. Palmer	10.8	1.77	.....	19.1
6-14	do	20.2	3.02	.....	61.1
7-14	do	22.2	1.75	.....	38.9
7-21	do	16.5	2.67	.....	44.2
8-21	do	25.0	2.60	.....	65.0
8-29	Fuering and Palmer	24.2	2.68	.....	64.9
9-13	Palmer and Easterday	15.9	3.50	.....	55.7
<b>1924</b>					
6- 9	A. E. Johnston	.....	.....	.....	0.0
8-28	do	.....	.....	.....	20.0
9- 5	C. G. Hrubesky	.....	.....	.....	.0
<b>1925</b>					
6- 5	A. W. Hall	2.8	0.92	.....	2.6
6-19	do	1.6	1.50	.....	2.4
9-30	A. E. Johnston	5.4	1.92	.....	10.4
<b>1926</b>					
5-20	A. W. Hall	.....	.....	.....	0.0
6-22	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
<b>1927</b>					
5-26	A. W. Hall	.....	.....	.....	0.0
6- 3	do	.....	.....	.....	24.0
6-17	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.0
<b>1928</b>					
5-17	A. W. Hall	.....	.....	.....	0.0
7- 7	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-15	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## ENTERPRISE CANAL—DOCKET 920

Diverted from Spotted Tail Creek, Wet, in Sec. 22, Twp. 23, Rge. 56 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
6- 3	A. W. Hall	8.0	0.85	0.85	7.9
6-22	do	5.7	1.47	.79	8.4
7- 8	do	8.7	1.22	.95	10.6
7-22	do	7.0	1.57	.90	11.0
8-13	do	6.0	2.32	.59	14.0
8-26	do	10.4	1.19	1.20	12.4
9-14	do	7.2	1.35	1.00	9.7
<b>1927</b>					
5-24	A. W. Hall	2.9	2.18	0.90	6.3
7- 8	do	5.2	2.58	.....	13.4
8- 3	do	9.8	2.01	.....	19.7
8-25	do	7.6	1.65	.90	12.5
<b>1928</b>					
5- 5	A. W. Hall	6.0	1.28	.....	7.7
5-17	do	4.2	1.85	.....	7.8
6-15	do	5.8	1.87	.....	10.8
7-21	do	7.6	2.43	.....	18.5
8- 3	do	7.9	2.18	.....	17.2
9- 7	do	8.7	1.90	.....	16.6
9-25	do	9.7	1.99	.....	19.3

## ENTERPRISE CANAL—DOCKET 920

Diverted from Tub Springs in Sec. 32, Twp. 23, Rge. 55 W.

<b>1919</b>					
5-13	T. C. Palmer	6.8	1.59	.....	10.8
5-21	do	9.6	.71	.....	6.8
5-28	do	20.3	.40	.....	8.1
6-25	do	.....	.....	.....	.0
7-24	do	22.1	.66	.....	14.5
7-29	do	20.3	.97	.....	19.8
8- 8	do	26.2	.99	.....	25.9
8-21	do	24.8	.14	.....	6.5
<b>1921</b>					
5-11	T. C. Palmer	4.9	.....	.....	8.7
6-22	do	4.9	.....	.....	2.4
7- 6	do	4.9	.....	.....	12.1
8- 9	do	8.9	3.69	.....	32.9
8-19	do	9.4	4.22	.....	39.6
8-30	do	10.2	3.25	.....	33.1
9-27	do	7.1	2.73	.....	19.3
<b>1922</b>					
6- 6	T. C. Palmer	4.9	2.61	.....	12.8
6-14	do	4.9	3.14	.....	15.4
7-21	do	4.9	3.12	.....	15.2
7-22	Palmer and Finley	4.9	4.42	.....	21.7
8-24	T. C. Palmer	4.9	3.77	.....	18.6
8-29	Palmer and Fuering	4.9	4.53	.....	22.2
9-13	Palmer and Easterday	4.9	4.77	.....	23.4
9-26	T. C. Palmer	4.9	5.11	.....	25.1
10- 4	A. E. Johnston	.....	.....	.....	22.4



## MEASUREMENTS OF CANALS—Continued

ENTERPRISE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-26	A. E. Johnston	0.0	0.00	.....	0.0
8-27	do	.....	.....	.....	21.5
9-18	A. H. Atkins	17.6	2.70	.....	47.6
<b>1924</b>					
6-10	A. E. Johnston	.....	.....	.....	0.0
7- 9	do	24.4	0.69	5.00	17.0
7-25	C. G. Hrubesky	15.1	1.27	.....	19.2
8-30	A. E. Johnston	.....	.....	.....	18.7
9- 4	C. G. Hrubesky	.....	.....	.....	14.0
<b>1925</b>					
5-20	A. W. Hall	.....	.....	.....	0.0
6- 4	do	.....	.....	.....	1.4
6-19	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	11.5
7-11	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
<b>1926</b>					
5-19	A. W. Hall	.....	.....	.....	13.5
6- 4	do	.....	.....	.....	.0
6-22	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	22.1
7-21	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	16.1
<b>1927</b>					
5-24	A. W. Hall	.....	.....	.....	15.7
7- 6	do	.....	.....	.....	.4
8-25	do	.....	.....	.....	54.6
<b>1928</b>					
5- 5	A. W. Hall	.....	.....	.....	0.0
5-18	do	.....	.....	.....	.0
7- 5	do	.....	.....	.....	62.0
8-15	do	.....	.....	.....	26.1
8-23	do	.....	.....	.....	2.0
8-28	do	.....	.....	.....	4.6
9-26	do	.....	.....	.....	.0
<b>ENTERPRISE CANAL—DOCKET 920</b>					
Diverted from tail waste in Sec. 8, Twp. 22, Rge. 54 W.					
<b>1925</b>					
5-19	A. W. Hall	3.7	1.41	.....	5.2
6- 4	do	3.0	2.06	.....	6.2
6-19	do	4.2	2.21	.....	9.3
6-30	do	2.0	1.18	.....	2.4
7-12	Hall and Finley	4.6	3.32	.....	15.3
7-30	A. W. Hall	4.5	2.70	.....	12.1
9- 2	do	2.8	1.75	.....	4.9

MEASUREMENTS OF CANALS—Continued

ERNEST CANAL, No. 1—DOCKET 514a

Diverted from Niobrara River in Sec. 9, Twp. 29, Rge. 56 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1924					
8- 1	Johnston and Heywood	3.8	0.93	.....	3.6
1925					
5-27	A. E. Johnston	5.6	1.43	.....	8.0
6-19	do	6.8	1.15	.....	7.8
8-18	do	1.1	.91	.....	1.0
9-10	do	4.6	1.04	.....	4.8
1926					
5- 4	A. E. Johnston	4.9	1.29	.....	6.3
5-25	do	5.2	1.23	.....	6.4
9-11	do	4.2	1.35	.....	5.7
1927					
5-24	A. E. Johnston	.....	.....	.....	0.0
6-21	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.9
1928					
5- 1	A. E. Johnston	5.8	1.29	.....	7.6
8-15	do	.....	.....	.....	.0
9-25	do	4.0	.90	.....	3.6
10-23	do	2.4	1.29	.....	3.1

ERNEST CANAL, No. 2—DOCKET 514b

Diverted from Niobrara River in Sec. 9, Twp. 29, Rge. 56 W.

1925					
5-27	A. E. Johnston	2.8	1.54	.....	4.3
6-19	do	.9	.89	.....	.8
8-18	do	3.8	1.34	.....	5.1
9-10	do	.....	.....	.....	.0
1926					
5- 4	A. E. Johnston	3.4	1.32	.....	4.5
5-25	do	1.9	2.42	.....	4.6
9-11	do	.....	.....	.....	.0
1927					
5-24	A. E. Johnston	.....	.....	.....	0.0
6-21	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
1928					
9-15	A. E. Johnston	1.1	1.36	.....	1.5
9-25	do	.....	.....	.....	.0
10-23	do	3.2	2.00	.....	6.4

EXCELSIOR CANAL—DOCKET 568

Diverted from Niobrara River in Sec. 10, Twp. 28, Rge. 52 W.

1924					
8- 1	Johnston and Heywood	3.8	0.88	.....	3.4

## MEASUREMENTS OF CANALS—Continued

EXCELSIOR CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6-19	A. E. Johnston	3.5	1.03	.....	3.6
8-18	do	.....	.....	.....	.0
9-10	do	.....	.....	.....	.0
<b>1926</b>					
5- 4	A. E. Johnston	2.9	0.93	.....	2.7
5-25	do	4.5	1.42	.....	6.4
9-11	do	1.1	.25	.....	.3
<b>1927</b>					
6-20	A. E. Johnston	4.6	1.52	.....	6.9
8-30	do	.7	.21	.....	.2
<b>1928</b>					
5- 1	A. E. Johnston	.....	.....	.....	0.0
8-15	do	.....	.....	.....	.0
9-25	do	2.8	1.00	.....	2.9
10-23	do	.....	.....	.....	.0

## FARMERS CANAL—DOCKET 10

Diverted from Frenchman River in Sec. 11, Twp. 3, Rge. 32 W.

<b>1917</b>					
5-11	S. A. Swanson	77.2	1.95	1.45	150.6
5-28	Swanson and McGowan	101.7	2.09	.59	212.8
6- 7	S. A. Swanson	80.2	1.88	.46	150.9
6-13	do	128.5	2.37	.70	305.0
7-21	do	181.1	1.33	2.48	241.2
8-10	do	269.1	2.75	4.21	739.7
8-17	Weeks and McGowan	266.0	2.67	4.16	711.6
<b>1918</b>					
5-24	Wade Flynn	115.8	2.54	2.00	294.8
5-30	do	282.1	3.20	4.01	903.3
6-21	do	344.9	3.29	3.85	1135.0
7-13	do	343.6	3.57	3.95	1226.9
7-26	do	244.5	3.14	2.95	768.7
8- 6	T. C. Palmer	329.6	3.27	3.70	1077.9
8-19	Wade Flynn	159.7	2.71	1.90	434.0
8-27	T. C. Palmer	346.9	3.33	4.00	1158.2
8-30	Wade Flynn	361.7	3.39	4.00	1220.5
9-27	do	41.3	1.06	.....	44.1
<b>1921</b>					
8-24	Palmer and Bailey	8.0	0.66	1.10	5.3
<b>1922</b>					
6-24	T. C. Palmer	12.4	0.58	1.70	7.3
7- 8	do	25.0	.22	1.60	5.6
8- 2	Palmer and Strong	13.1	.74	1.80	9.8
8-24	Johnston and Strong	11.5	1.06	1.95	12.3

## MEASUREMENTS OF CANALS—Continued

FARMER'S CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
4-16	Johnston and Strong	0.0	0.00	.....	0.0
6-21	A. E. Johnston	.0	.00	.....	.0
7-19	do	4.9	.73	1.10	3.6
8- 4	do	.0	.00	.....	.0
8-18	do	.0	.00	.....	.0
8-26	E. F. Ketcham	.0	.00	.....	.0
10-12	A. E. Johnston	.0	.00	.....	.0
<b>1924</b>					
5-29	A. E. Johnston	14.4	0.90	1.80	13.1
6-25	do	10.6	1.29	1.60	13.7
7-10	Hall and Whitehead	5.3	.41	1.70	2.2
8- 7	A. E. Johnston	.....	.....	.....	.0
9- 6	do	10.9	.63	1.50	6.9
<b>1925</b>					
3-18	A. E. Johnston	2.3	1.39	.....	3.2
5-20	C. E. Franklin	9.4	1.68	.....	15.8
6- 9	do	1.8	.83	.....	1.5
6-25	do	9.9	1.35	.....	13.4
7-17	do	1.2	1.64	.....	2.0
8- 8	do	2.3	.32	.....	.7
8-20	do	13.3	1.77	.....	23.5
9- 4	Franklin and Whitehead	2.5	1.12	.....	2.8
9-19	C. E. Franklin	9.4	.54	1.45	5.1
10-12	A. E. Johnston	9.0	.68	1.50	6.1
<b>1926</b>					
5- 1	C. E. Franklin	4.0	0.88	0.86	3.5
5-28	do	5.8	.77	1.16	4.5
6-15	do	.....	.....	.....	.0
6-27	do	8.0	.60	1.26	4.8
7-14	do	.....	.....	.40	.0
8- 8	do	.....	.....	.....	.0
8-22	do	6.1	.88	1.31	5.4
<b>1927</b>					
4-18	C. E. Franklin	.....	.....	.....	0.0
4-30	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
5-28	do	.....	.....	.....	.0
6-28	Franklin and Whitehead	7.4	0.74	1.00	5.5
7- 9	C. E. Franklin	.....	.....	.....	.0
7-25	do	4.0	.09	.88	.4
8- 7	do	.....	.....	.....	.0
8-23	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
10- 1	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

FARMER'S CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
5-21	C. E. Franklin	.....	.....	.....	0.0
7-14	do	.....	.....	.....	.0
7-27	do	.....	.....	.....	.0
8-15	do	.....	.....	.....	.0
9- 8	do	7.7	0.42	.....	3.2
9-20	do	3.8	.77	.....	2.9
10- 1	do	.....	.....	.....	.0
10-19	do	.....	.....	.....	.0

FARMERS CANAL WASTE—APPLICATION 1573—O. D. DOCKET 10  
Measurements made in Sec. 17, Twp. 3, Rge. 31 W.

<b>1925</b>					
5-19	C. E. Franklin	4.2	2.30	.....	9.7

## FINCH CANAL—DOCKET 964

Diverted from Clear Creek in Sec. 4, Twp. 15, Rge. 41 W.

<b>1923</b>					
7-24	A. H. Atkins	0.4	1.20	.....	0.5

<b>1925</b>					
5-19	A. E. Johnston	3.4	2.24	.....	7.6

FOLLETT-KROTTER CANAL—APPLICATIONS 705 and 720  
Diverted from Frenchman River in Sec. 35, Twp. 5, Rge. 34 W.

<b>1919</b>					
10-23	Palmer and Bailey	9.4	1.52	.....	14.4

<b>1921</b>					
5-17	T. C. Palmer	4.8	2.43	0.80	16.5

<b>1922</b>					
6-24	T. C. Palmer	35.8	2.01	.....	72.3
7- 8	do	34.6	2.05	.....	71.1
9- 1	Johnston and Eyerly	1.3	.84	0.80	1.1

<b>1923</b>					
7-19	A. E. Johnston	.....	.....	.....	0.0

<b>1925</b>					
5-19	C. E. Franklin	5.4	3.11	.....	16.8
6- 9	do	1.5	.93	.....	1.4
6-24	do	4.6	2.30	.....	10.6
7-17	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 8	do	6.0	1.98	.....	11.9
8-20	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
10-12	A. E. Johnston	.....	.....	.....	.0

MEASUREMENTS OF CANALS—Continued

FOLLETT-KROTTER CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
3-21	C. E. Franklin	6.0	3.66	1.00	22.0
3-31	do	6.0	4.58	1.00	27.5
4-17	do	4.3	3.75	.71	16.0
5- 3	do	3.6	3.24	.60	11.7
5-15	Franklin and Whitehead	4.2	3.65	.70	15.3
5-28	C. E. Franklin	2.9	2.76	.47	8.0
6-27	do	.....	.....	.....	.0
7-14	do	4.2	3.02	.70	12.7
8- 8	do	.....	.....	.....	.0
8-22	do	.....	.....	.....	.0
11- 5	A. E. Johnston	.....	.....	1.20	20.6
<b>1927</b>					
4-18	C. E. Franklin	.....	.....	1.40	18.3
4-30	do	7.2	2.60	1.20	18.7
5-15	do	.....	.....	.....	.0
5-23	do	4.5	2.42	.76	10.9
6-28	do	6.0	3.30	1.00	19.8
7- 9	do	4.8	3.40	.70	16.3
7-11	Franklin and Whitehead	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-23	C. E. Franklin	2.7	2.19	.38	5.9
8- 7	Franklin and Whitehead	4.8	3.45	.80	16.6
8-22	C. E. Franklin	3.0	2.24	.40	6.7
9- 6	do	.....	.....	.....	.0
<b>1928</b>					
6-24	C. E. Franklin	.....	.....	.....	0.0
7-14	do	.....	.....	.....	.0
7-27	do	.....	.....	.....	.0
9- 8	do	3.6	1.95	6.50	7.0
9-20	do	.....	.....	.....	.0
<b>FRENCH CANAL—APPLICATIONS 1140, 1433 AND 1581</b>					
Diverted from North Platte River in Sec. 9, Twp. 23, Rge. 60 W.					
<b>1919</b>					
9-10	T. C. Palmer	28.7	0.60	.....	17.2
<b>1921</b>					
8-10	T. C. Palmer	12.3	0.50	.....	6.2
8-20	do	14.3	.51	.....	8.3
8-31	do	5.4	.90	.....	4.8
<b>1926</b>					
5- 5	A. W. Hall	16.5	0.42	.....	6.9
5-20	do	32.6	1.18	.....	38.3
6- 2	do	23.0	.45	2.40	9.5
6-23	do	21.9	.21	1.20	4.6
7- 9	do	24.8	.41	2.50	10.3
7-22	do	20.6	.26	1.45	5.3
8-13	do	21.2	.21	1.50	4.5
8-27	do	16.3	.41	1.00	6.7

## MEASUREMENTS OF CANALS—Continued

FRENCH CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
7- 7	A. W. Hall	.....	.....	.....	†5.0
8-26	do	22.7	1.58	.....	3.6
1928					
9- 1	A. W. Hall	3.3	0.22	.....	7.5

FORBES-RASHER CANAL—DOCKET 467—APPLICATIONS 456, 534 AND 1128  
Diverted from White River in Sec. 19, Twp. 32, Rge. 51 W.

1926					
5-26	A. E. Johnston	.....	.....	.....	†2.0
1928					
8-16	A. E. Johnston	.....	.....	.....	0.0

FORSLING CANAL—APPLICATION 718  
Diverted from Lodgepole Creek in Sec. 33, Twp. 15, Rge. 56 W.

1925					
5-12	Hall and Hanna	1.1	1.09	.....	1.2

FUHRMAN CANAL—DOCKET 462  
Diverted from Niobrara River in Sec. 29, Twp. 29, Rge. 50 W.

1927					
5-24	A. E. Johnston	.....	.....	.....	0.0
8-29	do	.....	.....	.....	.0
9-20	do	.....	.....	.....	.0
1928					
4-30	A. E. Johnston	.....	.....	.....	0.0
7- 2	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0
9-24	do	.....	.....	.....	.0
10-23	do	.....	.....	.....	.0

GARDNER CANAL—APPLICATION 1647  
Diverted from Little Cottonwood in Sec. 6, Twp. 1, Rge. 15 W.

1926					
7-23	C. E. Franklin	0.7	0.74	.....	0.5

GATCH CANAL—APPLICATION 1220  
Diverted from North Platte River in Sec. 25, Twp. 21, Rge. 54 W.  
Measurements made in Sec. 13, Twp. 21, Rge. 54 W.

1925					
6- 4	A. W. Hall	1.7	1.47	.....	2.5
7-10	do	3.0	1.73	.....	5.2
7-20	do	3.1	2.20	.....	6.8
8-14	do	4.0	1.62	.....	6.5

GERING-MITCHELL CANAL  
Measurements made at first bridge below Horse Creek  
S. E. ¼ Sec. 25, Twp. 23, Rge. 58 W.

1919					
8-16	Palmer and Woodman	89.8	1.75	.....	157.8
8-20	do	103.0	1.58	.....	162.8

†Estimated.

## MEASUREMENTS OF CANALS—Continued

## GERING CANAL—APPLICATION 365

Diverted from North Platte River in Sec. 4, Twp. 23, Rge. 58 W.

Measurements made at rating flume

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. -Ft.
<b>1917</b>					
7-12	Swanson and Frank	91.1	2.16	3.04	197.4
7-20	S. A. Swanson	-----	-----	3.05	188.0
7-23	do	91.8	2.11	2.07	194.4
8- 1	do	-----	-----	3.10	195.0
8-10	do	92.2	2.19	3.10	192.4
8-16	D. P. Weeks, Jr.	89.1	2.17	3.05	193.2
8-29	do	98.5	2.48	3.34	244.0
9- 1	do	-----	-----	3.37	216.0
9-11	do	-----	-----	3.00	190.0
9-21	do	-----	-----	2.44	146.0
<b>1918</b>					
5-30	Wade Flynn	42.4	1.66	1.57	70.6
6-22	do	79.9	2.32	2.80	185.5
7- 2	do	91.7	2.39	3.15	219.0
7-25	do	86.8	2.26	3.10	196.0
8-17	do	81.6	2.23	2.86	182.0
8-19	do	92.9	2.35	3.25	218.0
8-30	do	96.4	2.41	3.30	233.1
8-31	do	95.1	2.43	3.29	232.1
9-27	do	60.1	1.83	2.20	110.3
<b>1919</b>					
6-11	T. C. Palmer	97.7	2.41	3.35	235.3
6-17	do	93.4	2.55	3.20	238.3
6-24	do	90.0	2.32	3.00	208.6
7- 1	do	102.7	2.63	3.50	270.4
7-22	Palmer and Woodman	82.4	2.23	2.82	184.2
7-29	T. C. Palmer	81.8	1.99	2.80	162.5
8- 7	do	76.7	2.08	2.60	159.5
8-14	do	90.8	2.25	3.10	204.4
8-20	do	78.6	2.05	2.70	161.2
8-27	do	71.2	1.92	2.44	136.9
9- 1	do	69.4	1.98	2.35	137.2
9-10	do	66.9	1.90	2.30	127.7
9-23	do	-----	-----	-----	.0
<b>1920</b>					
6-10	T. C. Palmer	54.7	2.26	2.10	123.7
6-18	do	68.1	2.07	2.40	140.8
6-29	do	67.1	2.08	2.40	139.4
7-14	do	59.7	2.18	2.00	129.9
7-29	do	93.2	2.87	3.25	267.9
8-18	do	83.0	2.59	3.10	228.0
8-27	do	88.1	2.10	3.05	185.0
9- 3	do	51.6	1.91	1.95	98.8
9-24	*J. K. Rohrer	-----	-----	2.90	188.0
9-28	T. C. Palmer	78.1	2.29	2.70	178.7

\*U. S. R. S. Measurements.



## MEASUREMENTS OF CANALS—Continued

GERING CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
4-30	T. C. Palmer	54.2	2.39	2.00	129.3
5-11	do	72.1	2.52	2.55	181.2
6- 8	Palmer and Atkins	76.5	3.41	2.70	260.1
7- 6	T. C. Palmer	93.1	2.53	3.30	235.1
7-11	*J. K. Rohrer	.....	.....	3.40	238.0
8-10	T. C. Palmer	79.5	2.19	2.95	174.4
8-20	do	97.9	2.40	3.40	235.5
8-31	do	95.3	2.59	3.30	246.8
9-28	do	80.4	2.16	2.80	173.0
10- 7	do	74.4	2.17	2.60	161.4
<b>1922</b>					
5-24	T. C. Palmer	77.5	2.45	2.80	189.9
6- 3	do	79.0	2.25	2.85	177.7
6-13	do	102.0	2.45	3.50	249.7
7-13	do	97.4	2.29	3.35	223.5
7-20	do	96.8	3.38	3.40	229.9
7-22	Palmer and Finley	94.1	1.78	3.20	168.0
7-22	do	102.8	2.51	3.60	258.1
8-23	T. C. Palmer	107.0	2.35	3.75	252.0
8-28	Finley and Palmer	93.2	2.08	3.30	194.5
9-11	do	68.3	1.74	2.47	118.9
9-18	T. C. Palmer	74.7	2.17	2.80	162.1
9-27	do	91.2	2.32	3.25	211.6
10- 3	A. E. Johnston	28.6	1.75	1.60	50.3
<b>1923</b>					
5- 8	Ketcham and Johnston	0.0	0.00	.....	0.0
5-29	E. F. Ketcham	.0	.00	.....	.0
6-15	do	.0	.00	.....	.0
7- 7	A. E. Johnston	.0	.00	.....	.0
7-27	do	75.4	2.19	2.65	165.7
8-13	E. F. Ketcham	58.5	2.81	1.80	164.8
8-25	A. E. Johnston	57.0	1.86	.....	106.4
9-18	A. H. Atkins	85.3	2.16	3.21	173.4
9-22	do	46.6	1.36	1.88	63.4
9-29	A. E. Johnston	53.1	1.47	1.90	78.5
<b>1924</b>					
6- 9	A. E. Johnston	75.4	1.79	2.60	135.7
7- 2	do	87.0	1.89	3.00	164.6
7- 8	do	89.9	1.74	3.10	157.0
7-29	C. G. Hrubesky	83.6	1.71	2.45	143.4
8-12	do	79.7	1.91	3.05	152.3
8-29	A. E. Johnston	92.8	1.80	3.20	167.2
9- 6	C. G. Hrubesky	88.4	1.77	3.30	155.0
9-17	A. E. Johnston	48.8	1.35	2.07	66.3
<b>1925</b>					
4-23	Johnston and Franklin	26.3	1.94	1.10	51.0
5- 2	A. W. Hall	20.1	1.58	1.00	31.7
5-21	do	69.5	1.85	2.40	128.0

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

GERING CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1925</b>					
5-30	C. E. Franklin	66.3	1.94	2.50	128.6
6- 5	A. W. Hall	77.0	2.38	3.00	184.0
6-20	do	76.0	1.91	2.80	145.0
7- 2	do	86.0	2.26	3.00	194.0
7-11	Hall and Finley	70.1	1.86	2.60	129.8
7-21	A. W. Hall	73.3	2.08	2.90	152.5
7-31	do	72.2	2.09	2.70	151.0
8-21	A. E. Johnston	84.0	2.29	3.30	192.0
9- 3	A. W. Hall	82.6	1.90	2.98	157.3
9-29	A. E. Johnston	31.5	1.23	1.30	38.7
10-21	do	60.1	2.12	2.30	127.5
<b>1926</b>					
5- 5	A. W. Hall	15.5	0.80	0.67	12.4
5-20	do	48.3	1.68	1.60	81.1
6- 2	do	58.4	2.04	2.30	119.9
6-23	do	40.2	1.47	1.47	59.1
7- 9	do	96.1	2.23	3.40	211.9
7-22	do	81.7	2.24	3.00	183.4
8-13	do	85.9	2.55	3.15	218.7
8-27	do	92.0	2.27	3.30	209.2
9-15	do	69.8	2.04	2.50	142.6
<b>1927</b>					
3-30	A. E. Johnston	.....	.....	.....	0.0
5-25	A. W. Hall	32.8	1.43	1.32	46.9
6-10	do	67.8	2.32	2.55	157.6
6-16	do	57.8	2.00	2.10	115.7
7- 7	do	59.2	1.94	2.10	115.6
7-22	do	83.8	2.73	3.20	229.1
8- 4	do	86.0	2.56	3.10	220.3
8-26	do	.....	.....	3.15	224.3
9- 6	do	8.8	2.34	3.00	189.5
<b>1928</b>					
5- 3	A. W. Hall	44.2	1.91	1.70	84.8
5-16	do	42.6	1.83	1.75	78.0
5-24	do	57.6	2.18	2.18	126.1
6- 1	do	86.6	2.53	3.25	219.4
6- 8	do	86.5	2.58	3.15	223.3
7-14	do	97.0	2.33	3.45	226.1
8-11	do	92.7	2.34	3.35	217.7
8-22	do	94.9	2.38	3.45	225.4
8-27	do	60.2	.96	2.18	5.8
8-27	do	55.2	1.25	2.15	71.3
9-10	do	94.5	2.57	2.40	243.3
9-25	do	81.7	2.79	3.50	227.6
10- 6	C. E. Franklin	49.1	2.12	2.47	104.7
10-13	A. W. Hall	31.7	1.90	1.80	60.2

## MEASUREMENTS OF CANALS—Continued

GERING CANAL AT BAD LANDS  
NE¼ SE¼ Sec. 29, Twp. 22, Rge. 55 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
8-18	T. C. Palmer	79.2	1.30	2.00	108.3
8-26	do	77.9	1.39	2.00	108.7
9- 3	do	96.1	1.41	2.67	135.3
<b>1921</b>					
4-30	T. C. Palmer	78.9	1.51	1.90	119.4
6-23	do	90.5	1.72	2.18	155.6
7- 7	do	109.0	1.47	2.90	160.7
8-11	do	94.9	1.44	2.60	137.6
8-22	do	116.3	1.59	3.18	183.3
9- 1	do	108.5	1.55	2.68	160.2
9-28	do	108.2	1.51	3.00	163.5
10- 7	do	74.4	1.76	1.65	130.6
<b>1922</b>					
5-26	T. C. Palmer	64.4	2.69	1.46	172.3
6- 8	do	65.5	2.09	1.15	137.2
6-14	do	101.1	1.29	2.60	130.5
8-29	McPherran and Palmer	96.4	1.59	2.64	153.8
10- 5	A. E. Johnston	60.8	1.70	2.15	103.7
<b>1923</b>					
7- 6	A. E. Johnston	97.2	1.97	2.35	191.0
7-26	do	77.6	1.80	1.20	140.0
8-25	do	86.4	1.84	1.40	159.0
<b>1925</b>					
5-21	A. W. Hall	40.6	2.18	1.75	89.0
6-23	do	28.7	1.76	1.20	51.0
7-23	do	66.1	2.91	2.90	192.0
8-14	do	66.2	2.58	2.86	170.0
<b>1928</b>					
5- 5	A. W. Hall	-----	-----	1.48	0.0
5-18	do	75.1	1.70	1.55	127.8
6-16	do	91.0	2.12	2.25	190.9
7- 7	do	115.6	1.74	2.78	201.7
7-14	do	120.1	1.62	2.96	194.8
8-16	do	240.0	.89	3.20	214.0
9- 7	do	119.6	1.61	3.10	192.5
<b>GILCHRIST CANAL—APPLICATION 1310</b>					
Diverted from Little Spring Creek in Sec. 22, Twp. 22, Rge. 55 W.					
<b>1924</b>					
8-30	A. E. Johnston	3.4	1.18	.....	4.0
<b>GOOD CANAL—APPLICATION 783</b>					
Diverted from Little Bordeaux Creek in Sec. 29, Twp. 33, Rge. 47 W.					
<b>1928</b>					
8-17	A. E. Johnston	2.4	0.58	.....	1.4

MEASUREMENTS OF CANALS—Continued

GOTHENBURG IRRIGATION CANAL—DOCKET 645b  
 Diverted from Platte River in Sec. 29, Twp. 12, Rge. 26 W.  
 Measurements made at rating flume

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
6-12	T. C. Palmer	24.4	1.49	1.65	30.4
6-14	do	20.8	1.88	1.65	39.2
7- 2	do	40.5	1.71	3.10	69.6
7- 4	do	39.4	1.84	3.10	72.7
7-16	do	35.8	1.93	2.95	69.3
7-23	do	39.3	2.10	3.05	82.6
8-15	do	41.2	1.97	3.00	81.4
8-20	do	41.7	1.79	3.10	74.9
9- 4	do	16.0	.97	1.20	15.6
9- 5	do	20.1	1.22	1.58	24.7
9-18	do	46.7	2.20	3.40	103.0
9-24	do	41.2	2.07	2.95	85.3
<b>1919</b>					
7-21	Earl North	24.0	1.41	1.60	33.9
7-24	do	.....	.....	.....	.0
8- 8	do	25.5	2.52	1.75	64.4
8- 9	do	27.0	2.35	1.70	63.6
8-12	do	10.0	1.89	1.75	19.0
8-13	do	7.5	2.08	1.50	15.6
8-20	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-17	do	25.5	2.02	1.70	51.6
9-19	do	24.0	2.03	1.60	48.7
<b>1920</b>					
6-30	G. K. Baumgartner	50.0	1.39	1.84	69.5
7-13	do	27.6	1.10	2.40	30.5
7-15	do	29.6	.18	1.50	5.4
8- 2	do	52.2	1.04	2.40	54.5
8- 4	do	57.8	1.08	2.85	62.5
8-17	do	71.9	1.17	3.30	84.2
8-19	do	72.8	1.12	3.30	81.9
<b>1921</b>					
7-11	A. H. Atkins	48.2	1.21	8.50	58.8
7-30	do	48.1	3.80	10.00	110.1
8-16	do	30.2	1.80	10.80	55.3
<b>1922</b>					
4-28	A. E. Johnston	15.0	1.02	.....	15.4
5- 5	do	54.9	1.13	.....	63.8
5-19	do	19.9	.91	0.50	18.1
6- 5	do	28.9	.90	1.40	26.1
6-21	do	64.8	1.56	2.90	101.7
6-24	do	61.5	1.82	2.60	112.5
7- 5	do	46.4	1.52	2.30	70.6
7- 8	do	45.6	1.69	2.00	77.5
7-25	do	62.2	1.51	2.99	94.0

## MEASUREMENTS OF CANALS—Continued

GOTHENBURG IRRIGATION CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
<b>1922</b>					
7-28	A. E. Johnston	63.4	1.69	2.65	107.7
8- 9	do	70.2	1.86	2.35	130.8
8-11	do	67.4	1.59	3.00	107.6
8-29	do	54.6	1.46	2.30	79.8
9- 6	do	.0	.00	.00	.0
9-18	Johnston and Easterday	39.5	1.72	1.40	67.9
9-28	A. E. Johnston	69.2	1.38	2.90	95.5
<b>1923</b>					
5-20	A. E. Johnston	0.0	0.00	.....	0.0
6- 1	do	.0	.00	.....	.0
6-18	do	53.2	.73	.....	39.1
7-10	E. F. Ketcham	73.6	1.52	.....	112.2
7-10	A. H. Atkins	28.4	3.07	.....	87.2
7-30	do	45.1	1.00	2.90	45.5
8- 9	A. E. Johnston	69.7	.19	3.10	13.8
8-13	A. H. Atkins	65.0	.23	3.10	15.5
8-28	do	.....	.....	.....	.0
9- 7	do	22.7	.70	.....	15.9
9-14	A. E. Johnston	50.9	1.50	2.00	76.4
9-29	A. H. Atkins	38.8	1.05	1.60	41.1
10-17	A. E. Johnston	20.6	1.07	.90	22.1
<b>1924</b>					
5-24	A. E. Johnston	58.0	0.98	.....	57.0
6-18	do	44.3	.44	.....	19.7
7-18	do	36.6	1.54	.....	56.5
7-21	do	40.8	1.69	.....	69.2
8- 5	C. G. Hrubesky	34.2	3.02	.....	103.0
8-20	do	84.0	1.59	3.54	133.9
8-29	do	81.4	1.84	3.60	149.6
9-10	A. E. Johnston	72.4	1.79	3.30	129.5
<b>1925</b>					
5-16	A. E. Johnston	.....	.....	.....	0.0
6- 8	do	35.6	1.72	1.40	61.4
6-12	do	38.0	1.76	1.30	66.9
6-30	do	44.2	.46	1.95	20.5
7- 7	do	32.6	1.58	.....	51.5
7-16	do	65.0	2.30	2.80	149.0
7-17	do	47.3	1.82	1.80	86.2
7-17	do	.....	.....	.....	.0
7-21	do	78.0	1.88	2.85	147.0
7-25	R. F. Nosky	68.4	1.72	2.80	117.4
7-30	do	64.0	2.15	2.60	137.6
8- 7	A. E. Johnston	77.0	1.69	3.35	130.0
8-11	do	80.0	1.61	3.35	129.0
8-28	do	80.4	1.17	3.50	94.0
9- 2	do	78.6	1.17	3.45	92.4
9-18	do	84.4	1.40	3.50	108.4
9-22	do	85.7	1.11	3.40	5.1

## MEASUREMENTS OF CANALS—Continued

GOTHENBURG IRRIGATION CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5-18	A. E. Johnston	41.2	0.62	2.45	25.5
6-10	do	58.7	2.09	3.30	122.3
6-24	do	23.7	.66	1.50	15.7
7-12	R. F. Nosky	28.5	.78	1.55	22.1
7-12	do	41.2	.48	2.30	19.6
7-20	A. E. Johnston	37.1	1.52	2.10	56.4
7-21	R. F. Nosky	48.5	1.77	2.65	86.0
7-21	do	58.0	1.42	3.20	82.3
7-29	do	67.0	2.45	3.65	164.5
8- 3	A. E. Johnston	61.2	2.18	3.40	133.1
8- 7	do	68.2	2.68	3.80	183.0
8-18	R. F. Nosky	36.8	1.26	2.02	56.6
8-24	A. E. Johnston	37.6	1.25	2.10	47.1
8-28	R. F. Nosky	50.4	1.95	2.75	98.7
8-30	A. E. Johnston	52.0	1.98	2.90	102.9
9- 2	R. F. Nosky	57.1	2.17	3.10	121.0
9-10	do	63.7	1.42	3.50	90.1
9-27	A. E. Johnston	55.7	1.08	3.10	60.3
10-22	do	59.4	2.26	3.30	134.4
<b>1927</b>					
5-19	A. E. Johnston	21.6	1.72	1.20	37.2
6-11	do	23.4	1.83	1.30	43.0
7- 1	do	34.2	2.22	1.90	76.0
7-14	do	54.0	2.68	3.00	144.9
7-20	do	66.6	2.04	3.70	172.2
7-22	do	70.2	2.50	3.90	176.6
7-23	do	70.2	2.65	3.90	186.7
*8- 9	do	59.4	1.98	3.30	117.9
8-20	do	62.2	1.17	2.70	72.9
9-13	do	70.2	1.81	3.90	126.8
10- 4	do	59.4	1.28	3.30	76.2
10-19	do	61.2	1.36	3.40	83.4
10-26	do	61.2	1.38	3.40	84.5
<b>1928</b>					
4-21	A. E. Johnston	.....	.....	.....	0.0
5-25	do	12.6	1.62	0.70	20.4
6-11	do	16.2	1.75	.90	28.3
6-25	do	12.6	1.74	.70	21.9
7-17	do	55.8	1.05	3.10	58.8
7-30	do	61.2	2.22	3.40	135.8
8- 7	do	68.4	1.35	3.80	92.7
8-23	do	.....	.....	.15	.....
8-24	do	59.3	1.92	3.30	113.7
8-30	do	68.4	2.10	3.80	143.6
9- 1	do	70.2	2.18	3.90	152.9
9-14	do	64.8	1.77	3.60	114.5
10-16	do	55.8	1.64	3.10	91.6

\*Johnston closed canal July 23 at 10.00 a. m., opened at 3.10 in accordance with instructions from A. W. Hall that acreage report had been filed.

## MEASUREMENTS OF CANALS—Continued

GOTHENBURG DIVERSION—DOCKET 645a  
 Diverted from Platte River in Sec. 29, Twp. 12, Rge. 26 W.  
 Measurements made at bridge on Lincoln Highway

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
6-30	Earl North	59.4	1.58	2.72	94.3
7- 6	do	65.1	2.00	3.60	130.3
7-17	do	40.8	1.08	2.45	44.2
7-30	do	20.5	1.12	2.20	23.0
8-12	do	66.3	1.94	3.50	129.0
<b>1920</b>					
6-14	G. K. Baumgartner	40.0	3.07	2.40	123.0
6-30	do	44.9	3.40	2.60	152.6
7-13	do	27.2	2.41	1.65	65.7
8- 2	do	40.8	2.93	2.40	119.7
8- 4	do	51.0	2.71	2.80	138.4
8-17	do	42.5	2.81	2.50	119.6
8-19	do	40.8	2.59	2.40	105.6
9- 4	Palmer and Willis	54.6	2.22	2.38	121.3
<b>1921</b>					
4- 2	T. C. Palmer	40.0	2.26	3.10	90.4
5- 6	do	47.1	3.19	2.65	149.9
7-11	A. H. Atkins	81.5	2.15	2.18	175.6
7-30	do	74.8	2.70	2.20	201.8
8-15	do	69.4	2.36	2.82	154.0
10-17	T. C. Palmer	81.5	1.93	.....	157.6
<b>1922</b>					
3-16	T. C. Palmer	73.1	0.85	.....	62.2
4-14	A. E. Johnston	59.9	.72	.....	45.7
4-21	do	44.4	1.19	.....	52.9
5-19	do	56.4	1.06	1.40	60.2
6- 5	do	52.2	1.26	1.20	67.7
6-21	do	120.5	1.94	2.70	233.8
6-24	do	95.1	1.84	2.10	175.1
7- 5	do	81.0	1.62	1.75	131.8
7- 8	do	62.5	2.01	1.65	125.9
7-24	do	97.2	1.89	2.40	184.1
7-28	do	96.4	1.97	2.38	190.1
8- 9	do	99.0	1.90	2.15	188.6
8-11	do	87.3	1.68	1.95	147.3
8-29	do	99.9	1.87	2.50	188.8
9- 6	Johnston and Eyerly	83.5	1.62	1.85	135.4
9-18	Johnston and Easterday	99.4	1.76	2.25	175.3
9-28	A. E. Johnston	83.6	1.87	2.10	157.1
10-21	do	65.1	1.81	.....	118.2
11-23	do	47.6	1.65	.....	78.7
<b>1923</b>					
1-10	A. E. Johnston	71.7	1.65	.....	118.8
2- 9	do	32.9	1.10	.....	36.5
2-28	do	46.3	1.09	.....	50.7
3-27	do	39.9	1.93	.....	63.8
4-12	do	49.2	1.41	.....	70.9

## MEASUREMENTS OF CANALS—Continued

GOTHENBURG DIVERSION  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-19	A. E. Johnston	24.9	1.01	.....	25.3
6- 1	do	45.9	1.65	.....	75.8
6-18	do	96.4	1.06	3.30	102.2
7-10	A. H. Atkins	83.2	1.84	1.80	153.1
7-29	E. F. Ketcham	64.8	1.70	1.60	110.4
7-30	A. H. Atkins	90.6	1.00	1.70	91.3
8- 9	A. E. Johnston	38.3	1.44	2.65	55.5
8-13	A. H. Atkins	50.0	1.54	1.40	77.2
8-28	do	44.2	1.80	2.80	79.7
9- 7	do	61.3	1.41	.....	87.0
9-14	A. E. Johnston	74.5	1.88	3.65	140.8
9-29	do	76.2	1.64	3.00	125.4
10-17	do	58.1	1.73	3.20	100.5
10-20	Atkins and Wood	78.4	1.58	3.40	124.0
11- 5	A. E. Johnston	45.8	2.02	3.15	92.8
11-14	A. H. Atkins	47.6	1.45	3.00	69.3
11-26	A. E. Johnston	46.8	1.73	3.00	81.3
<b>1924</b>					
2-29	A. E. Johnston	80.6	1.21	.....	97.9
3-28	do	59.8	1.39	.....	83.7
4-23	do	47.6	1.90	.....	90.8
5-24	do	63.7	1.95	3.60	124.3
6-18	do	48.0	1.89	3.10	90.9
7-18	do	56.4	2.49	3.40	140.5
7-22	do	67.3	2.39	3.80	161.5
8- 5	C. G. Hrubesky	94.7	1.75	2.50	165.6
8-20	do	104.0	1.97	2.90	204.5
8-29	do	103.7	1.93	2.88	200.9
9-10	A. E. Johnston	90.0	2.60	4.40	234.0
10-23	do	82.0	2.20	4.20	181.0
11-14	do	.....	.....	.....	.0
<b>1925</b>					
3-12	A. E. Johnston	54.2	1.25	.....	67.7
4- 9	do	51.8	1.29	3.20	67.2
5- 8	do	53.5	1.78	3.45	95.0
5-16	do	57.5	1.93	3.70	110.7
6- 8	do	68.0	2.12	3.95	144.0
6-12	do	71.0	2.30	4.00	163.0
6-29	do	54.2	1.65	3.30	88.7
7- 7	do	61.8	2.22	3.80	137.4
7-16	do	75.0	2.34	4.20	175.0
7-18	do	50.7	1.06	3.15	54.0
8- 6	do	92.5	2.65	4.80	245.8
8-11	do	87.0	2.53	4.60	220.0
8-28	do	73.0	2.30	4.20	168.0
9- 2	do	74.6	2.25	4.20	168.0
9-18	do	84.0	2.38	4.60	200.0
9-23	do	90.1	2.50	4.80	224.5
10- 3	do	65.0	2.08	4.00	135.0
11- 6	do	63.5	1.59	3.90	101.6



## MEASUREMENTS OF CANALS—Continued

GOTHENBURG DIVERSION  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
2-11	A. E. Johnston	81.0	0.88	4.20	71.1
3-16	do	61.1	1.38	3.80	84.2
4- 6	do	62.3	1.67	4.05	104.0
4-27	do	55.1	1.41	3.70	77.8
5-18	do	60.5	1.97	4.10	119.0
6-10	do	88.3	2.60	4.95	230.1
6-24	do	62.2	1.46	3.85	91.5
7-20	do	61.0	2.40	4.65	146.2
8- 3	do	103.0	2.55	5.50	263.1
8- 7	do	106.0	2.50	5.70	266.3
8-23	do	82.7	2.17	4.75	179.7
8-30	do	89.2	2.20	4.95	195.9
9-27	do	79.2	2.00	4.60	158.3
10-22	do	92.6	2.56	5.10	228.2
11-10	do	-----	-----	5.18	106.4
<b>1927</b>					
4- 8		-----	-----	-----	*0.0
5- 6	A. E. Johnston	-----	-----	2.50	.0
5-18	do	56.8	1.44	3.90	82.1
6-11	do	49.0	1.12	3.60	54.9
7- 1	do	60.5	2.20	4.45	133.3
7-14	do	93.8	2.64	5.30	248.1
7-20	do	84.7	2.56	5.38	217.5
7-23	do	88.8	2.76	5.28	245.9
8- 8	do	77.7	2.20	4.90	170.4
8-20	do	72.5	2.10	4.65	151.9
9-13	do	84.3	2.48	5.00	208.9
10- 4	do	67.1	1.91	4.52	128.2
10-18	do	73.1	2.09	4.55	152.6
10-27	do	76.3	2.31	4.80	176.3
11-15	do	48.0	.79	3.70	43.8
11-29	do	54.9	1.14	3.80	62.7
12- 8	do	-----	-----	-----	Ice
<b>1928</b>					
1-25	A. E. Johnston	-----	-----	-----	†100.0
2- 1	do	77.9	1.23	5.30	96.1
2-25	do	-----	-----	4.00	Ice
3- 9	do	53.1	1.11	3.65	58.9
3-24	do	60.4	1.70	4.20	102.6
4-21	do	63.8	2.53	4.70	161.6
5-25	do	74.2	2.24	4.88	166.2
6-11	do	66.1	2.23	4.60	147.0
6-25	do	67.7	2.23	4.50	150.8
7-17	do	80.2	2.55	4.90	205.2
7-28	do	115.8	2.77	5.90	320.2

\*Using steam.

†Estimated—frozen.

## MEASUREMENTS OF CANALS—Continued

GOTHENBURG DIVERSION  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
8- 7	A. E. Johnston	91.2	2.58	5.05	234.6
8-25	do	99.9	2.70	5.55	270.3
8-29	do	90.0	2.52	5.30	227.1
9- 1	do	103.2	2.80	5.40	289.8
9-14	do	90.6	3.26	5.45	295.0
10-16	do	93.6	3.07	5.15	287.9
11-13	do	85.1	2.46	4.95	200.7
11-23	do	80.3	2.28	4.60	183.4
12- 5	do	-----	-----	-----	Ice
12-15	do	83.6	1.47	5.05	122.6

## GOTHENBURG POWER WASTE—DOCKET 645a

Measurements made in SW¼ Sec. 10, Twp. 11, Rge. 25 W.

<b>1918</b>					
6-12	T. C. Palmer	38.2	1.25	2.60	47.8
6-14	do	31.4	1.41	2.50	44.2
7- 2	do	28.2	1.50	1.30	42.4
7- 4	do	31.3	1.14	1.25	35.9
7-16	do	35.2	1.53	2.35	54.0
7-23	do	31.3	1.74	1.30	54.4
8-15	do	39.3	1.50	2.65	59.1
9- 4	do	46.5	1.40	2.85	69.1
9-18	do	54.0	1.45	3.10	78.5
9-24	do	36.5	1.43	2.35	52.4
<b>1919</b>					
4-15	Earl North	55.4	1.30	3.15	72.1
4-17	North and Palmer	53.5	1.46	3.35	78.2
4-30	Earl North	49.3	1.28	3.15	63.3
5- 1	do	57.0	1.23	3.45	70.6
5-17	do	30.9	1.36	2.80	42.2
5-20	do	42.4	1.25	2.80	52.9
5-23	do	43.0	1.29	2.80	55.7
6- 7	do	42.4	1.32	2.90	56.1
6-30	do	26.8	1.25	2.50	33.5
7- 2	do	25.6	1.18	2.50	30.2
7-17	do	31.0	1.32	2.40	41.1
7-21	do	30.4	1.27	2.30	38.8
7-24	do	33.8	1.20	2.50	40.5
7-25	do	35.8	1.23	2.60	44.1
7-29	do	28.5	1.41	2.00	40.2
8- 8	do	46.8	1.82	2.80	85.3
8-12	do	47.4	1.47	2.90	69.8
9- 3	do	46.6	1.89	3.90	88.0
9- 4	do	-----	-----	-----	.0
9-17	do	49.2	1.59	3.80	78.7
9-19	do	51.4	1.64	3.90	84.4
10- 9	do	41.0	1.64	2.50	67.5
10-11	do	41.8	1.64	2.50	68.6
10-29	do	43.3	1.90	3.00	82.5

## MEASUREMENTS OF CANALS—Continued

GOTHENBURG POWER WASTE  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
6-14	G. K. Baumgartner	45.5	1.84	2.80	85.7
6-30	do	42.5	1.67	2.65	71.1
7-13	do	42.9	1.75	2.70	75.4
7-15	do	45.8	1.60	2.73	73.4
7-16	do	39.1	2.50	2.30	97.9
8- 2	do	38.6	1.37	2.40	52.8
8- 4	do	41.5	1.59	2.50	66.0
8-17	do	36.7	1.62	2.30	59.6
8-19	do	42.5	1.47	2.45	62.4
9- 4	Palmer and Willis	38.9	1.89	2.45	73.6
<b>1921</b>					
4- 4	T. C. Palmer	43.2	1.66	2.75	71.9
5- 6	do	43.1	1.52	2.60	65.4
7-11	A. H. Atkins	42.7	1.65	.81	70.7
7-15	*J. K. Rohrer	.....	.....	.....	77.0
7-30	A. H. Atkins	45.7	1.59	.80	72.7
8-16	do	14.3	6.28	3.00	89.6
10-17	T. C. Palmer	45.4	1.62	2.70	73.4
<b>1922</b>					
3-17	T. C. Palmer	45.7	1.15	2.90	52.6
4-14	A. E. Johnston	49.7	1.53	2.90	76.1
4-21	do	47.8	1.51	2.59	72.1
5- 5	do	51.1	1.38	2.80	70.4
5-19	do	45.8	1.39	2.70	63.7
6- 5	do	52.2	1.38	2.80	58.4
6-21	do	53.7	1.96	2.90	105.7
6-24	do	46.7	1.82	2.60	84.9
7- 5	do	42.8	1.88	2.60	80.6
7- 8	do	49.9	1.92	1.70	96.1
7-25	do	52.6	1.91	3.00	100.7
7-28	do	53.9	2.04	2.80	110.0
8- 9	do	46.0	1.60	1.50	73.9
8-11	do	43.7	1.82	2.50	79.8
8-29	do	53.1	1.87	2.75	99.7
9- 2	Johnston and Eyerly	54.2	1.80	3.00	98.1
9-18	Johnston and Easterday	44.7	2.06	2.60	92.5
9-28	A. E. Johnston	38.6	1.92	2.60	74.3
10-21	do	35.2	2.52	2.70	89.0
11-23	do	37.2	1.94	2.50	72.2
<b>1923</b>					
1-10	A. E. Johnston	45.5	2.07	2.90	94.2
2- 9	do	24.7	1.63	1.10	40.3
2-28	do	36.3	1.68	.....	61.0
3-27	do	46.0	1.38	.....	77.3
4-12	do	35.8	1.92	2.80	68.6
5-20	do	34.8	1.72	2.50	60.0
6- 1	do	28.4	1.65	2.60	47.1
6-18	do	49.8	1.61	3.05	80.6

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

GOTHENBURG POWER WASTE  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-10	A. H. Atkins	63.5	2.14	.....	136.4
7-30	do	44.2	1.77	3.00	78.3
8- 9	A. E. Johnston	48.8	2.36	3.10	96.8
8-13	A. H. Atkins	42.5	1.67	3.00	71.1
8-28	do	40.7	2.25	3.10	91.9
9- 7	do	37.0	2.10	.....	78.0
9-14	A. E. Johnston	47.0	1.83	3.10	86.3
9-29	A. H. Atkins	41.9	1.76	3.10	73.8
10-17	A. E. Johnston	43.9	1.78	2.90	78.6
10-20	Atkins and Wood	54.2	1.82	2.90	98.6
11- 5	A. E. Johnston	51.1	2.02	3.40	103.7
11-14	A. H. Atkins	39.2	1.39	3.10	54.6
11-26	A. E. Johnston	44.8	1.85	2.90	83.2
<b>1924</b>					
2- 8	A. E. Johnston	13.5	0.86	.....	11.6
2-29	do	50.2	1.72	.....	86.4
3-12	do	26.0	1.72	.....	44.8
3-28	do	51.8	1.92	.....	99.6
4-23	do	47.4	1.99	.....	94.5
5-24	do	46.2	1.72	3.10	79.6
6-18	do	43.5	1.62	3.10	69.7
7-18	do	42.9	1.83	2.70	78.8
7-21	do	47.8	1.83	3.10	87.5
8- 5	C. G. Hrubesky	39.9	1.63	.....	65.1
8-20	do	50.8	1.90	.....	97.3
8-29	do	47.1	1.98	.....	92.6
9-10	A. E. Johnston	49.9	1.88	3.05	93.8
10-23	do	58.9	1.71	3.25	99.2
11-14	do	13.0	1.00	.....	*12.7
12- 3	do	.....	.....	.....	.0
<b>1925</b>					
2-12	A. E. Johnston	7.5	1.03	.....	7.7
2-13	do	47.4	1.79	3.05	84.7
3-12	do	51.1	1.51	.....	77.0
4- 9	do	42.4	1.91	3.00	81.1
5- 8	do	46.6	1.81	3.05	84.2
5-16	do	56.0	2.08	3.40	116.0
6- 8	do	39.0	1.98	2.90	77.3
6-12	do	37.2	1.93	2.65	71.9
6-30	do	45.4	2.08	2.95	84.5
7- 7	do	44.0	2.04	3.10	90.0
7-17	do	35.7	1.88	2.70	67.0
8- 7	do	46.9	2.16	3.05	101.4
8-11	do	52.0	2.27	3.35	118.0
8-28	do	41.4	2.08	2.80	86.1
9- 2	do	49.0	2.10	3.05	103.0
9-18	do	54.0	2.22	3.40	120.0
9-23	do	55.5	2.14	3.40	118.8
10- 3	do	40.1	2.04	2.80	81.6
11- 6	do	54.7	2.18	3.25	119.0

\*Using steam to run generators.

## MEASUREMENTS OF CANALS—Continued

## GRAF CANAL—DOCKET 788

Diverted from Blue Creek in Sec. 19, Twp. 16, Rge. 42 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1917</b>					
7-12	L. D. Horrocks	12.8	1.49	2.15	19.1
7-12	do	9.5	1.20	1.80	11.4
7-12	do	5.1	.59	1.30	3.0
7-27	Willis and Horrocks	12.9	1.30	2.10	15.8
<b>1918</b>					
6- 2	T. C. Palmer	9.1	0.76	.....	6.9
6- 8	do	13.4	1.36	1.90	18.2
6-18	do	18.8	1.53	2.55	28.7
7- 7	do	16.1	1.48	2.35	23.9
7-13	do	13.7	1.24	2.10	17.1
8-23	do	11.7	1.28	2.11	15.0
8-31	do	12.4	1.57	2.37	19.5
9- 8	do	7.4	1.48	1.95	10.9
9-13	do	9.0	1.60	2.19	14.5
9-27	do	.....	.....	1.22	† 5
<b>1919</b>					
5-12	Earl North	8.8	1.28	1.60	11.3
5-24	do	18.4	1.34	2.25	24.5
5-28	do	12.1	1.06	1.70	12.8
6-13	do	13.4	1.35	1.90	18.0
6-20	do	13.1	1.54	1.95	20.2
7- 7	do	18.2	1.30	2.30	23.6
7-15	do	18.0	1.35	2.30	24.3
8- 5	Palmer and Hartman	9.0	1.67	1.90	15.0
9- 8	Earl North	25.2	1.73	2.75	43.5
9-15	do	21.2	1.34	2.30	28.3
9-23	do	18.2	1.38	2.30	25.2
<b>1920</b>					
6-17	G. K. Baumgartner	12.4	0.81	1.50	10.0
6-24	do	14.4	.91	1.64	13.2
6-25	do	14.7	1.08	1.75	16.3
7- 3	do	8.7	.75	1.20	6.5
7- 8	do	9.0	.72	1.15	7.5
7-19	do	9.7	1.25	1.60	12.2
7-27	do	4.6	.95	1.10	4.3
7-29	do	4.3	1.10	1.05	4.7
8- 6	do	6.0	1.14	1.30	6.8
8-12	do	10.3	1.16	1.80	12.0
8-24	do	23.0	1.11	2.30	25.7
9- 2	do	11.0	1.18	1.80	12.9
<b>1921</b>					
6-22	A. H. Atkins	12.9	1.61	.....	20.7
7- 6	do	7.5	1.03	0.39	7.8
7- 7	Willis and Heywood	6.5	1.11	1.40	7.1
7- 9	Palmer and Lorenzen	6.2	1.17	1.35	7.2

†Estimated.

## MEASUREMENTS OF CANALS—Continued

GRAF CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
7-18	A. H. Atkins	14.2	1.99	1.71	28.2
7-27	do	13.7	2.05	1.90	28.0
8- 5	do	9.5	1.75	1.30	16.6
8-10	do	4.0	1.29	.60	5.2
8-19	do	1.6	1.76	1.50	20.6
8-30	do	7.5	1.60	1.10	12.1
9-12	T. C. Palmer	6.4	1.46	.90	9.3
<b>1922</b>					
5-15	A. E. Johnston	4.2	1.50	0.50	6.4
6-16	do	7.5	1.56	1.00	11.7
6-27	do	15.2	2.12	1.90	32.5
7- 1	do	4.8	1.04	.60	5.0
7-20	do	15.6	1.87	2.00	29.2
8- 8	Palmer and Lorenzen	5.8	1.70	.90	9.9
8-18	A. E. Johnston	14.0	1.80	1.80	25.3
9- 1	do	9.6	1.57	1.20	15.1
9-16	Johnston and Easterday	5.1	1.27	.78	6.5
9-26	A. E. Johnston	4.5	.73	.55	3.3
<b>1923</b>					
5-16	A. E. Johnston	0.0	0.00	.....	0.0
6-28	do	13.1	1.35	1.70	17.8
7- 6	E. F. Ketcham	.0	.00	.....	.0
7-20	A. E. Johnston	11.7	1.69	.....	19.8
8-11	do	.0	.00	.....	.0
8-25	A. H. Atkins	6.2	1.16	1.00	7.3
9-11	A. E. Johnston	10.9	1.49	1.35	16.3
9-26	A. H. Atkins	.0	.00	.....	.0
<b>1924</b>					
5-20	A. E. Johnston	10.0	2.02	1.80	28.5
6-13	do	3.6	.89	.60	3.2
7-15	do	12.5	2.05	.....	25.7
7-24	do	15.6	2.10	2.00	32.9
8- 1	C. G. Hrubesky	15.0	2.00	1.85	31.0
8-16	do	21.5	1.33	.....	28.6
8-27	A. E. Johnston	15.8	1.31	.....	20.7
9- 2	C. G. Hrubesky	15.2	1.19	.....	18.1
<b>1925</b>					
5-20	A. E. Johnston	12.8	1.48	1.90	19.0
6- 2	do	8.6	1.38	1.20	11.9
6-15	do	8.4	1.43	1.40	12.0
6-25	do	15.4	1.70	2.10	26.1
7-10	do	9.9	1.53	1.60	15.1
7-14	do	8.1	1.46	1.40	11.8
7-23	do	14.3	1.61	2.10	23.0
8- 4	do	14.5	1.46	2.15	21.2
8-13	do	14.9	1.98	2.25	22.1
8-25	do	4.8	1.16	1.00	5.6
9- 4	do	10.8	1.41	1.70	15.3
9-16	do	1.6	.81	.80	1.3
10-16	do	2.3	.87	.85	2.0

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

GRAF CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5-21	A. E. Johnston	9.0	1.76	1.70	15.8
6-15	do	16.9	1.71	2.45	28.9
6-29	do	11.6	1.47	1.70	17.1
7-24	do	16.5	1.52	2.45	25.1
7-28	do	9.8	1.28	1.50	12.5
7-29	do	11.2	1.55	1.70	17.3
8- 3	A. W. Hall	12.3	1.32	.00	16.2
8- 9	A. E. Johnston	14.2	1.46	2.10	20.7
8-19	do	12.4	1.43	1.80	17.8
9- 3	do	12.5	1.38	1.80	17.3
9-30	do	2.5	.84	.80	2.1
<b>1927</b>					
5-21	A. E. Johnston	9.7	1.17	1.60	11.4
6-16	do	.....	.....	.....	.0
6-28	do	13.8	1.42	2.20	19.7
7-16	do	15.1	1.45	2.10	21.9
7-27	do	14.9	2.09	2.25	20.9
8- 5	do	4.2	1.24	1.00	5.2
8-25	do	2.2	.86	.70	1.9
9-16	do	4.2	1.21	1.00	5.1
<b>1928</b>					
4-26	A. E. Johnston	13.0	1.82	1.85	23.7
6- 1	do	8.0	1.38	1.20	11.1
6- 6	do	7.2	1.22	1.05	8.8
6-29	do	2.3	.75	.50	1.7
7-19	do	2.0	.80	.....	1.6
7-24	do	.....	.....	.....	.0
8-10	do	2.9	1.10	.70	3.2
8-20	do	19.4	1.38	2.60	26.7
8-27	do	18.6	1.31	2.70	24.4
9- 5	do	20.4	1.32	2.80	26.7
9-19	do	9.2	1.36	1.40	12.5
10-19	do	2.8	.47	.70	1.3
11- 5	do	4.5	.80	1.00	3.6
11- 8	do	3.4	1.06	.85	3.6

## GRANT CANAL—DOCKET 400

Diverted in Sec. 4, Twp. 31, Rge. 20 W.

<b>1923</b>					
6-23	A. E. Johnston	.....	.....	.....	0.0
8- 3	do	.....	.....	.....	.0
9-20	do	.....	.....	.....	.0

## GRANT-ABERDEEN CANAL—DOCKET 50a, 68

Diverted from Frenchman River in Sec. 3, Twp. 5, Rge. 38 W.

<b>1924</b>					
6- 2	A. E. Johnston	.....	.....	.....	0.0
6-27	do	.....	.....	.....	.0
7-11	Hall and Whitehead	1.3	0.79	0.50	.9
8- 6	A. E. Johnston	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0

MEASUREMENTS OF CANALS—Continued

GRANT-ABERDEEN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
6-24	C. E. Franklin	.....	.....	.....	0.0
7-12	do	3.9	3.90	.....	15.2
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

GUTHRIE CANAL—DOCKET 1036

Diverted from South Fork of Republican River in Sec. 34, Twp. 1, Rge. 7 W.

1924					
6-23	A. E. Johnston	368.0	0.42	1.35	156.0

GUNDERSON CANAL—DOCKET 305

Diverted from Lodgepole Creek in Sec. 1, Twp. 14, Rge. 52 W.

1924					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
1925					
4-13	A. W. Hall	1.0	2.36	.....	2.4
5- 2	C. E. Franklin	10.5	.44	.....	4.6
6- 5	do	7.9	.47	.....	3.7
6-20	do	.....	.....	.....	.0
7- 9	do	7.8	.42	.....	3.3
8- 5	do	7.6	.67	.....	5.1
8-16	do	6.8	.37	.....	3.9
8-27	do	6.1	.58	.....	3.5
9-10	do	7.8	.57	.....	4.4
1926					
5-12	C. E. Franklin	6.6	0.83	.....	5.5
6-11	do	6.5	.38	1.50	2.5
7- 2	do	6.9	.52	1.55	3.6
8- 4	do	.....	.....	.30	.0
8-27	do	.....	.....	.....	.0
1927					
4- 5	C. E. Franklin	.....	.....	0.20	0.0
4-27	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
5-26	do	6.9	0.49	2.30	3.4
7-19	do	6.0	.27	1.00	1.6
8- 5	do	5.6	.34	.90	1.3
8-18	do	5.4	.20	.90	1.1
9- 2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
1928					
5- 4	C. E. Franklin	.....	.....	0.60	0.0
6- 7	do	10.8	0.08	.....	.8
6-30	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0



## MEASUREMENTS OF CANALS—Continued

## HAIGLER CANAL—DOCKET 1025

Diverted from Republican River in Sec. 2, Twp. 1, Rge. 43 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
6-15	Bailey and Palmer	17.3	1.39	.....	24.1
<b>1921</b>					
5-18	T. C. Palmer	9.3	1.22	.....	11.4
8-26	do	10.9	1.03	1.50	11.2
<b>1922</b>					
7- 9	T. C. Palmer	20.0	1.16	1.65	23.2
8- 2	Palmer and Strong	12.1	1.13	1.75	13.7
8-24	Johnston and Strong	7.3	1.10	1.40	8.1
<b>1923</b>					
4-17	A. E. Johnston	0.0	0.00	.....	0.0
7-18	do	15.2	1.54	1.80	23.5
8- 4	do	13.7	1.50	1.80	20.6
9-19	do	15.8	1.33	2.00	21.0
<b>1925</b>					
5-28	C. E. Franklin	7.9	1.16	.....	9.2
6-10	Franklin and Whitehead	16.2	1.37	.....	22.2
7-20	C. E. Franklin	17.8	1.51	.....	26.8
8-10	do	12.7	1.15	.....	14.7
8-24	do	23.0	1.33	.....	30.5
9- 7	do	16.3	1.54	.....	25.1
9-25	do	8.9	1.10	.....	9.8
<b>1926</b>					
4-20	C. E. Franklin	11.2	1.02	.....	11.5
5- 5	do	13.3	1.18	.....	15.7
5-18	do	4.1	.76	.....	3.1
5-27	do	12.6	1.40	.....	17.6
6-16	do	20.3	1.67	.....	34.0
6-28	do	15.0	1.50	.....	22.6
7-15	do	12.2	1.48	.....	13.4
8- 9	do	17.4	1.40	.....	24.3
8-20	do	.....	.....	.....	.0
<b>1927</b>					
4-21	Franklin and Whitehead	.....	.....	.....	0.0
5-15	C. E. Franklin	.....	.....	.....	.0
5-18	do	10.3	1.24	.....	12.8
5-30	do	12.8	1.52	.....	19.5
6-29	do	9.4	1.24	.....	11.7
7-14	do	16.4	1.75	.....	28.8
7-27	do	15.8	1.60	.....	25.2
8-26	do	11.8	1.12	.....	13.3
9- 8	do	14.6	1.65	.....	24.1
10- 6	do	10.2	1.09	.....	11.1
11-10	do	10.2	1.22	.....	12.6

## MEASUREMENTS OF CANALS—Continued

## HAIGLER CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-27	C. E. Franklin	12.1	0.92	.....	11.1
7-10	do	16.1	1.44	1.87	23.1
7-31	do	6.6	.56	.59	3.7
8-18	do	19.3	1.62	2.28	31.3
9-12	do	19.6	1.16	2.14	22.7
9-21	do	19.3	1.27	2.20	24.5

## HALE CANAL—DOCKETS 318, 319, 320, 321, 322

Diverted from Lodgepole Creek in Sec. 36, Twp. 14, Rge. 49 W.

<b>1923</b>					
4-18	A. E. Johnston	.....	.....	.....	0.0
<b>1924</b>					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
7-10	C. E. Franklin	.....	.....	.....	0.0
<b>1926</b>					
8- 5	C. E. Franklin	.....	.....	.....	0.0
8-18	do	.....	.....	.....	.0
9- 1	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	C. E. Franklin	.....	.....	.....	0.0
7-24	do	.....	.....	.....	.0

## HALL CANAL—DOCKETS 478a, 478b, 478c

Diverted from White River in Sec. 34, Twp. 32, Rge. 52 W.

<b>1923</b>					
5-20	E. F. Ketcham	.....	.....	.....	0.0
6-29	Ketcham and Heywood	10.5	0.90	.....	9.5
7-19	A. H. Atkins	.....	.....	.....	.0
8- 6	E. F. Ketcham	.....	.....	.....	.0
8-18	A. H. Atkins	.....	.....	.....	.0
<b>1924</b>					
7-25	J. D. Heywood	6.4	0.65	.....	4.2
8- 5	do	.....	.....	.....	.0
8-20	A. E. Johnston	.....	.....	.....	.0
11- 5	do	2.9	1.10	.....	3.2
11-17	J. D. Heywood	6.6	1.20	.....	7.9
<b>1925</b>					
2-25	A. E. Johnston	2.6	0.98	.....	2.5
4-28	do	12.0	1.25	.....	15.9
5-20	J. D. Heywood	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

HALL CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-26	A. E. Johnston	9.7	1.10	.....	10.7
6-20	do	.....	.....	.....	.0
7-28	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
9- 9	do	.....	.....	.....	.0
11-25	do	5.3	.45	.....	2.4
<b>1926</b>					
5-26	A. E. Johnston	8.8	1.49	.....	13.1
7- 7	do	8.4	1.51	.....	12.7
8-13	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
<b>1927</b>					
6-22	A. E. Johnston	.....	.....	.....	0.0
8- 1	do	6.0	0.53	.....	3.2
8-31	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0
<b>1928</b>					
5- 3	A. E. Johnston	6.5	1.01	.....	6.6
7- 3	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
8-17	do	6.3	1.12	.....	7.1
9-27	do	13.8	.46	.....	6.4
10-25	do	.....	.....	.....	.0

## HANEY CANAL—DOCKETS 699, 719

Diverted from Lonergan Creek in Sec. 17, Twp. 15, Rge. 39 W.

<b>1922</b>					
5-16	A. E. Johnston	4.2	1.10	.....	4.7
6- 7	do	4.3	1.07	0.40	1.5
9- 1	Johnston and Eyerly	2.6	1.15	.70	3.0
9- 1	do	2.0	1.45	.60	2.9
<b>1923</b>					
5-17	A. E. Johnston	1.8	1.40	.....	2.5
6-29	do	3.4	.80	.....	2.7
7-20	do	2.0	.80	.....	1.7
9-12	do	1.2	1.00	.....	1.3
<b>1924</b>					
5-21	A. E. Johnston	3.6	0.75	.....	2.7
6-14	do	1.4	.52	.....	.7
7-15	do	5.3	.66	.....	3.5
7-24	do	4.1	.56	.....	2.3
8-26	do	4.9	.11	.....	4.0
<b>1925</b>					
5-19	A. E. Johnston	2.4	0.62	.....	1.5
6- 2	do	3.9	.87	.....	3.4
6-26	do	2.9	.93	.....	2.7
7- 9	do	2.4	.81	.....	1.9

## MEASUREMENTS OF CANALS—Continued

## HANAY CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
7-22	A. E. Johnston	2.4	1.00	.....	2.4
8-26	do	1.0	.81	.....	.8
9-16	do	2.3	1.60	.....	3.7
10-15	do	1.0	1.05	.....	1.1
<b>1926</b>					
4-29	A. E. Johnston	3.4	1.58	.....	5.4
5-20	do	2.6	1.15	.....	3.0
6-14	do	3.3	1.03	.....	3.4
6-28	do	3.6	1.58	.....	5.7
7-23	do	4.8	.97	.....	4.7
7-30	do	4.1	.95	.....	3.9
8- 4	do	1.0	1.00	.....	1.0
8- 9	do	3.8	1.00	.....	3.8
8-20	do	1.3	.69	.....	.9
9- 2	do	1.3	1.00	.....	1.3
9-29	do	2.6	1.27	.....	3.3
10-26	do	.....	.....	.....	1.8
<b>1927</b>					
4- 6	A. E. Johnston	1.0	0.80	.....	0.8
5- 4	do	2.5	1.08	.....	2.7
5-20	do	1.8	.78	.....	1.4
6-15	do	2.4	1.71	.....	4.1
6-29	do	2.5	1.40	.....	3.5
7-16	do	3.1	1.90	.....	5.9
8-24	do	2.1	1.00	.....	2.1
9-15	do	.....	.....	.....	.0
10- 7	do	1.9	.79	.....	1.5
<b>1928</b>					
3- 6	A. E. Johnston	1.4	0.86	.....	1.2
4-25	do	2.9	1.76	.....	5.1
5-31	do	.....	.....	.....	.0
6- 7	do	2.6	1.19	.....	3.1
6-28	do	2.8	.96	.....	2.6
7-19	do	1.6	1.31	.....	2.1
7-25	do	1.0	1.00	.....	1.4
8-10	do	.....	.....	.....	.0
9- 4	do	1.0	1.00	.....	.9
9-18	do	1.0	1.00	.....	1.0
10-18	do	1.4	1.35	.....	1.9

## HANNAH CANAL—DOCKET 886

Diverted from North Platte River in Sec. 29, Twp. 18, Rge. 47 W.

<b>1922</b>					
8- 9	A. H. Atkins	3.1	1.16	1.50	3.6
<b>1928</b>					
6- 5	A. E. Johnston	.....	.....	.....	0.0
9- 6	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## HARPER CANAL—APPLICATION 669

Diverted from Lawrence Fork in Sec. 11, Twp. 18, Rge. 52 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
7-15	W. F. Chaloupka	2.0	1.15	.....	2.3
<b>1920</b>					
7-22	T. C. Palmer	1.8	1.74	0.45	3.0
7-23	W. F. Chaloupka	1.8	1.79	.45	3.2
8-14	T. C. Palmer	1.7	1.45	.40	2.4
<b>1921</b>					
8-20	W. F. Chaloupka	1.8	1.34	.....	2.4

## HARRIS-COOPER CANAL—DOCKETS 464a, 464b, 464c

Diverted from White River in Sec. 26, Twp. 32, Rge. 52 W.

<b>1921</b>					
9- 8	Palmer and Heywood	11.0	1.52	.....	16.7
<b>1922</b>					
8- 2	A. H. Atkins	7.6	1.44	.....	8.7
8- 5	do	6.7	1.16	.....	7.8
<b>1923</b>					
5-20	E. F. Ketcham	.....	.....	.....	0.0
6-29	Ketcham and Heywood	.....	.....	.....	.0
7-19	A. H. Atkins	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
<b>1924</b>					
7-12	Johnston and Heywood	7.7	1.68	.....	12.9
7-22	J. D. Heywood	7.4	2.00	.....	14.9
7-25	do	5.5	1.32	.....	7.4
7-30	A. E. Johnston	6.2	1.42	.....	8.8
8-20	do	8.0	1.30	.....	10.5
8-29	J. D. Heywood	4.6	1.43	.....	6.6
10- 2	A. E. Johnston	6.7	1.55	.....	10.4
10- 9	J. D. Heywood	.....	.....	.....	7.3
<b>1925</b>					
5-20	J. D. Heywood	5.7	1.53	.....	8.7
5-21	do	10.4	.93	.....	9.7
5-26	A. E. Johnston	6.6	1.10	.....	7.3
6-19	do	5.2	.96	.....	5.0
6-20	do	5.7	.81	.....	4.6
7-28	do	.....	.....	.....	.0
8- 8	J. D. Heywood	4.0	.64	.....	3.6
8-10	do	8.0	1.30	.....	10.4
8-17	do	8.4	1.15	.....	9.7
9- 9	do	2.3	.83	.....	1.9
11-24	do	.....	.....	.....	.0
<b>1926</b>					
7- 7	A. E. Johnston	.....	.....	.....	0.0
8-13	do	.....	.....	.....	.0
9- 3	J. D. Heywood	7.5	1.04	.....	7.8
9-13	A. E. Johnston	.....	.....	.....	.0

MEASUREMENTS OF CANALS—Continued

HARRIS-COOPER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-25	A. E. Johnston	.....	.....	.....	0.0
6-23	do	.....	.....	.....	.0
8- 1	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0
<b>1928</b>					
5- 3	A. E. Johnston	.....	.....	.....	0.0
6-22	do	.....	.....	.....	.0
7- 3	do	.....	.....	.....	.0
8-16	do	5.2	1.61	.....	8.4
9-27	do	.8	1.38	.....	1.1
10-25	do	.....	.....	.....	.0

HARRIS-NEECE CANAL—DOCKET 517

Diverted from Niobrara River in Sec. 3, Twp. 28, Rge. 55 W.

<b>1925</b>					
4-29	A. E. Johnston	4.2	1.20	.....	5.0
7-25	do	4.0	.98	.....	3.9
9-10	do	.....	.....	.....	.0
<b>1926</b>					
7- 4	A. E. Johnston	.....	.....	.....	3.2
9-11	do	.....	.....	.....	.0
<b>1927</b>					
5-24	A. E. Johnston	.....	.....	.....	0.0
6-21	do	.....	.....	.....	.0
8-30	do	2.2	0.27	.....	.6
<b>1928</b>					
5-1	A. E. Johnston	.....	.....	.....	0.0
8-15	do	2.5	1.40	.....	3.5
9-25	do	4.0	2.22	.....	8.9
10-23	do	5.0	1.80	.....	9.0

HARTZELL CANAL—DOCKET 448

Diverted from Little Bordeaux in Sec. 13, Twp. 33, Rge. 48 W.

<b>1925</b>					
5-28	A. E. Johnston	0.6	0.89	.....	0.5
9- 9	do	.....	.....	.....	.0
<b>1926</b>					
5- 6	A. E. Johnston	2.1	1.33	.....	2.8
7- 8	do	.....	.....	.....	.0
9-14	do	1.6	0.72	.....	1.2
<b>1927</b>					
5-26	A. E. Johnston	.....	.....	.....	0.0
9- 1	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

HARTZELL CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5- 4	A. E. Johnston	.....	.....	.....	0.0
7- 5	do	.....	.....	.....	.0
8-17	do	1.8	1.10	.....	2.0
9-29	do	1.7	1.17	.....	2.0
10-25	do	1.2	1.33	.....	1.6

HATCH AND CROSS CANAL—APPLICATION 1808  
Diverted from Willow Creek in Sec. 16, Twp. 19, Rge. 56 W.

1925					
7-27	A. E. Johnston	4.2	0.67	.....	2.8

HAUG PUMP—APPLICATION 1590  
Diverted from Wood River in Sec. 7, Twp. 9, Rge. 13 W.

1926					
8- 5	A. E. Johnston	1.7	1.18	.....	2.0

HITSHEW CANAL—APPLICATION 1260  
Diverted from Niobrara River in Sec. 6, Twp. 28, Rge. 52 W.

1928					
9-25	A. E. Johnston	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0

HOLLINGSWORTH CANAL—DOCKET 723  
Diverted from South Platte River in Sec. 12, Twp. 13, Rge. 39 W.  
Measurements made at rating flume

1922					
5-26	A. E. Johnston	3.3	6.70	.....	2.2
6-26	do	10.0	.22	2.00	2.2
7-29	do	.6	.50	.20	.5
8- 7	do	2.8	.82	1.50	2.3
8-19	do	7.4	1.29	.....	9.6
8-31	Johnston and Eyerly	4.4	1.76	.80	2.5
9-20	do	6.6	.68	1.30	4.5
9-26	A. E. Johnston	6.6	.53	1.20	3.5
9-30	do	5.0	.88	.90	4.4
1923					
5-18	A. E. Johnston	.....	.....	.....	0.0
9-13	do	.....	.....	.....	.0
1924					
6- 3	A. E. Johnston	.....	.....	.....	0.0
6-16	do	.....	.....	.....	.0
7-16	do	6.1	0.66	1.10	4.0
7-23	do	6.6	.69	1.20	4.5
8- 7	C. G. Hrubesky	6.6	.61	1.30	4.0
8-19	do	6.5	.37	1.18	2.4
8-26	A. E. Johnston	1.2	1.16	.....	1.4
9- 1	C. G. Hrubesky	7.3	.56	1.30	4.1

MEASUREMENTS OF CANALS—Continued

HOLLINGSWORTH CANAL

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5- 6	A. E. Johnston	.....	.....	.....	0.0
5-19	do	1.0	0.22	0.40	.2
6- 5	do	.....	.....	.....	.0
6-13	do	.....	.....	.....	.0
6-27	do	3.1	.21	.....	6.7
7- 8	do	.....	.....	.....	.0
8- 5	do	4.2	.57	.90	2.4
8-27	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	.0
9-25	do	.....	.....	.....	.0
10-14	do	5.6	.33	1.10	1.8
<b>1926</b>					
6-12	A. E. Johnston	.....	.....	.....	0.0
6-28	do	.....	.....	.....	.0
7-22	do	4.8	0.37	.....	1.8
7-31	do	5.9	2.37	.....	1.4
8- 9	do	4.9	.47	.....	2.3
8-21	do	.....	.....	.....	†.5
9- 1	do	4.8	.21	.....	1.0
9-29	do	5.7	.31	.....	1.8
<b>1927</b>					
6-15	A. E. Johnston	.....	.....	.....	0.0
6-30	do	.....	.....	.....	.0
7-26	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
8-23	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
<b>1928</b>					
4-24	A. E. Johnston	8.5	0.99	.....	8.4
5-31	do	.....	.....	.....	.0
6- 8	do	1.3	1.15	.....	1.5
6-28	do	3.9	.56	.....	2.2
7-19	do	.....	.....	.....	.0
7-25	do	3.6	1.80	.....	2.0
8- 9	do	1.6	.44	.....	.7
8-28	do	6.1	.72	.....	4.4
9- 4	do	7.6	.47	.....	3.6
9-18	do	7.6	.45	.....	3.5
10-18	do	6.0	.57	.....	3.4

HOLLOWAY-PHELPS CANAL—DOCKET 717

Diverted from White Tail Creek in Sec. 36, Twp. 15, Rge. 38 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
5-21	A. E. Johnston	0.8	0.07	.....	0.5
8- 4	C. G. Hrubesky	.8	.58	.....	.5
8-16	do	.8	.53	.....	.6
9- 1	do	.....	.....	.....	.0

†Estimated.



## MEASUREMENTS OF CANALS—Continued

HOLLOWAY-PHELPS CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6- 5	A. E. Johnston	1.4	0.64	.....	0.9
6-26	do	.....	.....	.....	.0
7- 9	do	.9	.55	.....	.5
7-22	do	.3	.49	.....	.1
8- 5	do	.....	.....	.....	.0
9-24	do	.....	.....	.....	.0
<b>1926</b>					
6-14	A. E. Johnston	.....	.....	.....	0.0
6-28	do	1.2	1.00	.....	1.2
7-23	do	1.3	.69	.....	.9
7-30	do	1.0	1.00	.....	1.0
9- 2	do	.9	1.00	.....	.9

## HOOPER CANAL—DOCKET 781

Diverted from Blue Creek in Sec. 16, Twp. 6, Rge. 42 W.

Measurements made at rating flume

<b>1917</b>					
7-10	L. D. Horrocks	9.6	1.70	1.80	16.0
7-10	do	6.7	1.45	1.25	9.8
7-10	do	4.3	.82	.70	3.5
7-28	R. H. Willis	.6	1.60	.....	.9
<b>1918</b>					
6- 2	T. C. Palmer	9.0	0.92	.....	8.3
6- 7	do	7.9	1.15	1.75	9.1
6-18	do	7.3	1.22	1.60	8.9
6-27	do	8.0	1.10	1.59	8.8
7- 7	do	8.5	1.26	1.70	10.8
7-13	do	9.5	1.25	1.87	11.9
8-12	do	2.6	.24	.69	.7
9- 8	do	11.3	1.37	2.29	15.6
9-13	do	6.5	.95	1.35	6.2
9-27	do	8.9	1.28	1.87	11.4
<b>1919</b>					
5-28	Earl North	8.0	1.06	1.60	8.5
6-13	do	7.0	.99	1.40	6.9
6-20	do	5.5	.78	1.10	4.8
7- 8	do	7.4	1.24	1.50	9.1
7-15	do	9.0	1.33	1.85	11.9
8- 5	Palmer and Hartman	8.0	1.18	1.60	9.5
9- 8	Earl North	8.5	.91	1.70	7.7
9-15	do	6.0	1.11	1.20	6.7
9-23	do	9.0	1.13	1.70	10.2
<b>1920</b>					
6-18	G. K. Baumgartner	4.5	1.26	1.20	5.7
7- 9	do	6.3	1.03	1.50	6.5
7-20	do	9.0	1.18	1.80	10.6
7-27	do	8.0	.90	1.55	7.2
7-29	do	7.0	.79	1.35	5.5

## MEASUREMENTS OF CANALS—Continued

HOOPER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
8- 6	G. K. Baumgartner	7.0	.95	1.40	6.3
8-12	do	8.0	1.10	1.60	8.8
8-24	do	10.0	1.51	2.00	15.1
9- 2	Palmer and Willis	6.2	1.60	1.65	10.3
<b>1921</b>					
6-21	A. H. Atkins	5.6	0.32	.....	1.8
7- 6	do	5.9	1.44	1.35	8.5
7- 9	T. C. Palmer	7.0	1.31	1.40	9.2
7-18	A. H. Atkins	8.0	1.61	1.65	12.9
7-27	do	9.0	1.74	1.82	15.7
8- 5	do	8.1	1.63	1.70	13.1
8-10	do	7.6	1.55	1.61	11.5
8-19	do	7.8	1.10	1.90	14.0
8-30	do	9.6	1.70	2.00	16.4
9-12	T. C. Palmer	9.5	1.65	1.90	15.6
10-13	do	5.0	1.07	1.20	5.3
<b>1922</b>					
6-16	A. E. Johnston	8.6	1.34	1.70	11.6
7-14	do	8.0	1.58	1.60	12.7
7-20	do	7.0	1.28	1.40	9.0
8- 7	Palmer and Lorenzen	.0	.00	.00	.0
8-18	A. E. Johnston	8.6	1.62	1.52	14.0
9- 8	Palmer and Lorenzen	4.0	.80	.80	3.2
9-16	Johnston and Easterday	4.0	.77	.80	3.1
9-25	A. E. Johnston	5.0	1.14	1.10	5.7
<b>1923</b>					
7-16	A. E. Johnston	4.8	0.84	1.00	4.0
6-28	do	5.3	1.14	1.10	6.0
7- 6	E. F. Ketcham	1.3	1.45	.70	2.0
7-20	A. E. Johnston	3.8	1.18	.80	4.6
7-24	A. H. Atkins	8.0	1.62	1.60	13.9
8-25	do	4.1	.85	.90	3.5
9-11	A. E. Johnston	7.5	1.24	.....	9.4
9-26	A. H. Atkins	6.2	.92	1.30	5.8
<b>1924</b>					
6-13	A. E. Johnston	5.5	0.91	1.00	5.1
7-15	do	7.5	1.48	1.50	11.1
7-24	do	7.5	1.52	1.50	11.4
8- 1	C. G. Hrubesky	11.2	1.63	.....	18.3
8-16	do	.....	.....	.....	.0
8-16	do	7.8	1.51	1.50	11.8
8-27	A. E. Johnston	6.0	1.50	1.30	9.4
9- 1	C. G. Hrubesky	1.5	.27	.....	.4
9- 2	do	7.0	1.50	1.40	10.5
10- 6	A. E. Johnston	7.0	1.34	.....	9.4
<b>1925</b>					
5-20	A. E. Johnston	4.0	0.92	0.85	3.7
6- 2	do	5.8	1.31	1.15	7.6
6-15	do	1.4	.72	.50	1.0

## MEASUREMENTS OF CANALS—Continued

HOOPER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6-25	A. E. Johnston	1.0	1.88	2.60	1.8
7-10	do	4.3	1.25	.95	5.4
7-14	do	6.7	1.67	1.40	11.2
7-23	do	6.5	1.51	1.30	9.8
8- 4	do	6.5	1.47	1.30	9.5
8-25	do	6.9	1.74	1.50	12.0
9-15	do	6.6	1.66	1.55	11.0
10-16	do	2.2	1.03	1.00	2.3
<b>1926</b>					
4-30	A. E. Johnston	6.8	1.85	.....	12.6
5-21	do	6.1	1.37	1.30	8.4
6-15	do	10.5	2.04	2.10	21.4
6-29	do	5.2	1.30	1.20	6.8
7-24	do	6.7	1.59	1.40	10.6
7-28	do	6.2	1.65	1.30	10.2
7-29	do	7.2	1.75	1.55	12.6
8- 3	A. W. Hall	7.2	1.47	1.45	10.7
8- 9	A. E. Johnston	6.2	1.61	1.30	10.1
8-19	do	4.8	1.43	1.20	6.9
9- 3	do	8.1	1.73	1.70	14.0
9-30	do	4.8	1.15	1.00	5.5
<b>1927</b>					
5-21	A. E. Johnston	.....	.....	.....	0.0
6-28	do	9.6	2.05	2.00	19.7
7-16	do	9.5	1.96	2.00	18.6
7-27	do	7.7	1.74	.....	13.4
8- 5	do	3.6	1.42	.90	5.1
8-25	do	3.5	1.23	.90	4.3
9-16	do	6.7	1.68	1.50	11.3
<b>1928</b>					
4-26	A. E. Johnston	10.1	1.79	2.10	18.1
6- 1	do	10.3	2.02	2.30	20.8
6- 6	do	9.6	1.87	2.00	18.0
6-29	do	3.7	1.54	1.00	5.8
7-24	do	4.2	1.26	1.00	5.3
8-10	do	6.7	1.30	.....	8.7
8-27	do	6.0	2.52	2.00	15.1
9- 5	do	9.0	1.66	2.10	14.9
9-19	do	9.6	1.47	2.00	14.1
10-19	do	1.4	.85	1.10	1.2

## HOLLY CANAL—DOCKET 956

Diverted from Boggy Creek in Sec. 30, Twp. 33, Rge. 54 W.

**1927**

6-21	A. E. Johnston	1.0	1.32	.....	1.3
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## MEASUREMENTS OF CANALS—Continued

## HOOVER CANAL—DOCKET 353

Diverted from Lodgepole Creek in Sec. 12, Twp. 14, Rge. 59 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1924					
9- 9	C. G. Hrubesky	.....	.....	.....	0.0
1925					
6- 3	C. E. Franklin	0.7	1.10	.....	0.7
6-18	do	.5	1.18	.....	.6
7- 7	do	1.1	.27	.....	.3
8- 4	do	.3	.53	.....	.2
8-15	do	.....	.....	.....	.0
1926					
6- 6	C. E. Franklin	1.6	0.36	1.00	0.6
7- 3	do	.....	.....	.20	.0
7-30	do	.....	.....	.18	.0
8-14	do	.....	.....	.....	.0
1927					
5-11	C. E. Franklin	.....	.....	.....	0.0
5-25	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
7-16	do	3.9	0.49	1.15	1.9
8-30	do	2.8	.75	1.20	2.1
8-17	do	2.8	1.42	1.20	4.0
9- 1	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
1928					
5- 2	C. E. Franklin	4.5	1.36	1.30	3.3
6- 6	do	4.9	1.53	1.35	7.5
6-29	do	6.2	1.51	1.30	9.4
7-20	do	3.4	.75	1.32	4.5
8- 3	do	3.2	1.37	1.20	4.4
8-24	do	3.6	1.25	1.08	4.5
9-17	do	.8	1.25	.65	1.0
9-27	do	.8	.88	.64	.7
HORSE CREEK CANAL—DOCKETS 159, 173					
Diverted from Horse Creek in Sec. 23, Twp. 1, Rge. 39 W.					
1919					
7-15	Bailey and Palmer	0.6	0.92	.....	0.6
1921					
8-26	Palmer and Bailey	1.2	1.08	.....	1.3
1922					
6-26	T. C. Palmer	1.4	1.35	.....	1.9
1925					
8-10	C. E. Franklin	0.3	0.82	.....	0.3
8-24	do	.9	1.56	.....	1.4
9- 7	do	.7	1.78	.....	1.3
9-25	do	.9	1.45	.....	1.3
1926					
4- 5	C. E. Franklin	1.2	1.26	.....	1.5
4-19	do	2.1	1.33	.....	2.8
5- 5	do	1.0	1.27	.....	1.2

## MEASUREMENTS OF CANALS—Continued

HORSE CREEK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5-18	C. E. Franklin	.....	.....	.....	.0
6-16	do	1.2	1.33	.....	1.6
6-28	do	.9	1.26	.....	1.1
7-15	do	1.1	1.00	.....	1.1
8- 5	do	.....	.....	.....	.0
8- 9	do	.8	1.44	.....	1.2
8-21	do	.....	.....	.....	.0
<b>1927</b>					
4-21	Franklin and Whitehead	.....	.....	.....	0.0
5-30	C. E. Franklin	.....	.....	.....	.0
6-29	do	.....	.....	.....	†.2
7-11	Franklin and Whitehead	.....	.....	.....	†.5
7-27	C. E. Franklin	.....	.....	.....	†.5
8-26	do	0.9	0.78	.....	.7
9- 8	do	.....	.....	.....	.0
10- 6	do	.....	.....	.....	.0
<b>1928</b>					
5-24	C. E. Franklin	.....	.....	.....	0.0
6-19	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	†.2
7-31	do	.....	.....	.....	†.1
8-18	do	0.7	0.34	.....	.2
9-11	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0
HOWARD CANAL—DOCKET 336—APPLICATION 1645 Diverted from Lodgepole Creek in Sec. 31, Twp. 14, Rge. 47 W.					
<b>1924</b>					
9-13	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
6- 6	C. E. Franklin	1.9	0.65	.....	1.2
6-20	do	.....	.....	.....	.9
7-10	do	.....	.....	.....	.0
<b>1927</b>					
4-28	C. E. Franklin	.....	.....	.....	0.0
7-21	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
<b>1928</b>					
5- 8	C. E. Franklin	.....	.....	.....	0.0
5-31	do	.....	.....	.....	.0
6-13	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

HUGHES CANAL—DOCKET 987—APPLICATION 53  
Diverted from Niobrara River in Sec. 1, Twp. 28, Rge. 52 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-27	A. E. Johnston	2.4	0.42	.....	1.0
6-19	do	3.0	.23	.....	.7
8-18	do	.....	.....	.....	.0
9-10	do	.....	.....	.....	.0
<b>1926</b>					
5-25	A. E. Johnston	2.8	1.46	.....	0.4
9-11	do	.....	.....	.....	.0
<b>1927</b>					
5-24	A. E. Johnston	.....	.....	.....	0.0
6-20	do	4.8	0.35	.....	1.7
8-30	do	.....	.....	.....	.0
<b>1928</b>					
5- 1	A. E. Johnston	.....	.....	.....	0.0
8-15	do	.....	.....	.....	.0
9-25	do	.....	.....	.....	.0
10-23	do	.....	.....	.....	.0

HURLEY-LILLY-POLLY CANAL—DOCKET 354  
Diverted from Lodgepole Creek in Sec. 26, Twp. 15, Rge. 56 W.

<b>1924</b>					
9-10	C. G. Hrubesky	3.2	1.47	.....	4.7
9-11	do	3.8	.42	.....	1.6
<b>1925</b>					
4-28	C. E. Franklin	3.9	1.03	.....	4.0
5- 4	A. E. Johnston	3.5	1.70	0.90	6.0
5- 5	do	1.1	1.34	.70	1.5
5-12	A. W. Hall	1.9	.79	1.60	1.5
5-22	Johnston and Hanna	3.5	1.03	.85	3.6
5-23	do	3.7	1.00	.90	3.7
5-23	do	2.9	1.76	.85	5.1
6- 3	C. E. Franklin	4.8	1.08	.....	5.2
6- 4	Franklin and Hanna	3.3	1.48	.90	4.9
6- 4	do	1.6	.67	.60	1.1
6- 4	do	1.5	.93	.60	1.4
6- 4	do	2.1	1.14	.70	2.4
6- 4	do	2.5	1.32	.75	3.3
6- 4	do	2.2	1.53	.75	3.4
6-18	C. E. Franklin	1.8	1.05	.65	1.9
7- 8	do	2.5	1.24	.70	3.1
8-15	do	1.6	.94	.40	1.5
8-28	do	.....	.....	.....	.0
9-10	do	2.9	1.21	.68	3.5
9-27	do	2.8	1.06	.69	3.0
<b>1926</b>					
5-11	Franklin and Hanna	3.7	0.70	0.52	3.6
5-24	do	3.4	1.47	.80	5.0
6- 7	do	.....	.....	.42	3.0

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

HURLEY-LILLY-POLLY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
7- 3	C. E. Franklin	.....	.....	0.54	4.0
7-31	do	.....	.....	.40	2.5
8-18	do	.....	.....	.53	3.9
8-28	do	.....	.....	.52	3.8
<b>1927</b>					
4-26	C. E. Franklin	.....	.....	.....	0.0
5-11	do	.....	.....	.....	.0
5-24	do	.....	.....	0.82	7.5
7- 1	do	.....	.....	.55	4.1
7-16	do	.....	.....	.34	2.0
8- 4	do	.....	.....	.65	5.3
8-16	do	.....	.....	.69	5.8
8-18	R. H. Willis	.....	.....	.64	.....
8-22	A. W. Hall	5.5	0.82	1.10	4.5
8-31	C. E. Franklin	6.8	.72	1.37	4.9
9-24	do	6.4	.92	1.40	5.9
<b>1928</b>					
5- 4	C. E. Franklin	.....	.....	.....	0.0
6- 5	do	.....	.....	0.20	.0
6-28	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-23	do	7.0	1.01	1.50	7.1
9-16	do	8.0	1.23	1.71	10.4
9-26	do	6.2	.91	1.33	5.7
10-16	do	.....	.....	.....	.0
<b>ICKES CANAL—DOCKET 329</b>					
Diverted from Lodgepole Creek in Sec. 28, Twp. 14, Rge. 50 W.					
<b>1924</b>					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
<b>1926</b>					
8- 5	C. E. Franklin	.....	.....	.....	0.0
8-26	do	.....	.....	.....	.0
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-26	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	C. E. Franklin	.....	.....	.....	0.0
6- 8	do	.....	.....	.....	.0
7- 2	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

MEASUREMENTS OF CANALS—Continued

INDEPENDENT CANAL—DOCKET 343

Diverted from Lodgepole Creek in Sec. 7, Twp. 14, Rge. 58 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
7- 7	Franklin and Hanna	4.8	0.27	.....	1.3
8- 4	C. E. Franklin	4.6	.65	.....	3.0
8-15	do	.....	.....	.....	*.0
<b>1926</b>					
5-11	Franklin and Hanna	2.2	0.68	0.30	1.5
5-24	C. E. Franklin	2.9	1.48	.54	4.2
6- 6	do	.....	.....	.48	3.0
6- 7	Franklin and Hanna	.....	.....	.48	3.0
7- 3	C. E. Franklin	.....	.....	.45	2.5
7-30	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0
<b>1927</b>					
5-11	C. E. Franklin	.....	.....	.....	0.0
5-25	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
7-16	do	.....	.....	0.42	2.4
8- 3	do	.....	.....	.53	3.3
8-17	do	.....	.....	.75	5.7
9- 1	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
<b>1923</b>					
5- 2	C. E. Franklin	.....	.....	.....	0.0
6- 6	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
<b>IMPERIAL POWER PLANT CANAL—APPLICATION 1474</b>					
Diverted from Frenchman River in Sec. 25, Twp. 6, Rge. 39 W.					
<b>1921</b>					
4-20	Palmer and Bailey	81.5	0.44	.....	36.5
8-25	do	55.8	.90	.....	50.1
<b>1923</b>					
6- 6	E. F. Ketcham	63.1	0.52	.....	32.7
8-25	do	29.9	1.51	.....	45.3
<b>1925</b>					
5-15	C. E. Franklin	90.3	1.09	.....	39.2
6- 8	do	9.9	3.02	.....	29.9
6-24	do	39.5	1.63	.....	64.1
7-12	do	63.0	.79	.....	50.1
8-19	do	26.3	2.19	0.97	57.6

\*Diversion dam washed out.



## MEASUREMENTS OF CANALS—Continued

## INMAN CANAL—DOCKET 79

Diverted from Frenchman River in Sec. 19, Twp. 6, Rge. 40 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
7-14	Palmer and Bailey	9.5	0.93	2.50	8.8
<b>1921</b>					
5-17	T. C. Palmer	9.6	1.29	2.10	12.4
8-24	Palmer and Bailey	8.0	.77	1.90	6.1
<b>1922</b>					
6-23	T. C. Palmer	9.9	1.04	2.10	10.3
7- 8	do	10.8	.88	2.10	9.6
8- 3	Palmer and Strong	12.8	.79	2.30	10.2
8-23	Johnston and Strong	5.1	.62	1.70	3.2
<b>1923</b>					
4-17	A. E. Johnston	8.8	1.05	1.60	9.2
6-11	E. F. Ketcham	.0	.00	.00	.0
6-23	A. E. Johnston	9.4	.97	2.00	9.1
7-17	do	10.9	1.08	2.00	11.8
8- 3	do	7.8	.75	.....	5.9
8-25	E. F. Ketcham	.0	.00	.....	.0
9-20	A. E. Johnston	7.8	.60	1.70	4.8
10-11	do	.0	.00	.....	.0
<b>1924</b>					
4-30	A. E. Johnston	8.6	1.34	1.50	11.6
6- 2	do	.....	.....	.....	.0
6-27	do	8.2	.99	1.70	8.1
8- 6	do	10.9	.82	.....	8.9
9- 4	do	13.3	1.29	1.80	10.3
<b>1925</b>					
4-16	A. E. Johnston	7.8	1.31	1.00	10.2
5-13	C. E. Franklin	7.7	1.27	.....	9.8
6- 8	do	.....	.....	.....	.0
6-23	do	9.0	1.12	.....	10.1
7-12	do	7.7	.90	.....	5.9
7-14	Franklin and Whitehead	5.0	.41	.71	2.1
7-23	do	7.9	.54	1.09	4.3
7-26	C. E. Franklin	6.5	.21	.86	1.4
8- 6	do	10.3	.33	1.38	3.4
8-19	do	11.8	.31	1.59	3.7
9- 2	do	8.0	.40	1.60	3.2
9-17	do	14.0	.34	1.81	4.8
10-14	A. E. Johnston	14.8	.57	1.90	8.4
<b>1926</b>					
4-16	C. E. Franklin	9.1	1.37	1.21	12.5
4-29	do	5.8	1.60	1.05	9.3
5-14	do	.....	.....	.....	.0
5-31	do	4.7	.57	.61	2.7
6-14	do	5.3	2.00	.65	1.1
6-26	do	9.4	.83	1.20	7.8
7-13	do	10.1	.43	1.20	4.3
8- 7	do	1.1	1.08	1.27	1.2
8-23	do	13.3	.66	1.72	8.8

## MEASUREMENTS OF CANALS—Continued

INMAN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
4-18	C. E. Franklin	.....	.....	.....	0.0
4-29	do	.....	.....	.....	.0
5-14	do	5.5	1.03	1.10	5.7
5-27	do	10.9	1.00	1.29	10.9
6-28	do	13.9	.56	1.75	7.8
7- 8	do	12.0	.48	1.70	5.8
7-11	Franklin and Whitehead	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-22	C. E. Franklin	13.9	.78	1.68	10.9
8- 6	do	13.9	.80	1.58	11.1
8-20	do	12.5	.81	1.50	10.2
9- 4	do	6.2	.41	.75	2.5
9-30	do	9.8	.75	1.25	7.3
1928					
4- 9	A. E. Johnston	8.5	1.39	1.00	11.8
5-17	C. E. Franklin	5.8	.78	.60	4.5
6-20	do	.....	.....	.....	.0
7-12	do	.....	.....	.....	.0
7-26	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0

## INTERSTATE CANAL—APPLICATION 768

Diverted from North Platte River in Sec. 11, Twp. 26, Rge. 65 W.

1919					
7-23	Palmer and Woodman	388.9	3.68	.....	1433.8

1923					
5- 9	Ketcham and Johnston	308.8	2.55	2.40	785.1
6-15	E. F. Ketcham	185.5	2.09	.....	388.6
7- 9	A. E. Johnston	447.2	3.31	9.40	1483.5
8-13	E. F. Ketcham	296.0	2.73	1.58	808.5

## INTERSTATE CANAL WASTE INTO RED WILLOW ABOVE

TRI-STATE CANAL in Sec. 35, Twp. 22, Rge. 51 W.

1919					
5-16	W. F. Chaloupka	7.8	1.73	.....	13.5

## JENKENS CANAL—APPLICATION 924

Diverted from Buffalo Creek in Sec. 18, Twp. 1, Rge. 40 W.

1923					
4-17	A. E. Johnston	.....	.....	.....	0.0
9-19	do	.....	.....	.....	.0

## JOHNSON CANAL—APPLICATION 612

Diverted from Lodgepole Creek in Sec. 23, Twp. 13, Rge. 45 W.

1924					
9-15	C. G. Hrubesky	.....	.....	.....	0.0

## MEASUREMENTS OF CANALS—Continued

JOHNSON CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
4-28	C. E. Franklin	.....	.....	.....	0.0
7-15	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

JONES AND JORDAN RESERVOIR CANAL—APPLICATION 711  
Diverted from Pumpkinseed Creek in Sec. 7, Twp. 19, Rge. 55 W.

1928					
9-25	C. E. Franklin	.....	.....	.....	0.0

KEARNEY CANAL—DOCKET 1023  
Diverted from Platte River in Sec. 3, Twp. 8, Rge. 16 W.

1919					
4-16	Palmer and North	62.9	2.12	2.65	133.3
5- 1	Earl North	74.5	2.04	2.50	151.9
5-19	do	79.2	2.39	2.90	189.4
6- 6	do	50.0	2.02	1.70	101.0
7- 1	do	65.1	2.38	2.50	154.9
7-18	do	67.6	1.91	2.00	129.5
7-23	do	60.0	2.24	2.10	134.5
7-26	do	40.7	2.09	1.40	85.5
7-30	do	18.4	1.39	.50	25.6
8- 5	do	12.0	.72	.40	8.6
8- 8	do	14.3	1.59	.50	22.8
8-13	do	32.5	2.23	1.25	72.6
8-20	do	15.0	1.08	.50	16.2
9- 4	do	12.5	1.29	.50	16.1
9-18	do	46.9	1.92	1.70	90.0
10-10	do	72.5	1.87	2.90	135.5
10-30	do	74.9	1.94	2.90	145.3
1920					
4-16	Baumgartner and Palmer	92.0	2.69	3.20	216.0
4-27	G. K. Baumgartner	77.5	2.32	3.40	179.7
6-12	do	77.5	2.16	2.50	167.5
6-29	do	85.0	2.52	3.25	214.0
7-13	do	48.1	2.53	1.90	121.7
8- 3	do	65.0	2.87	2.20	186.8
8-18	do	57.5	2.59	2.30	149.1
9- 5	Palmer and Willis	84.1	2.84	2.80	238.8
1922					
4-12	A. E. Johnston	86.2	2.24	1.60	193.6
4-25	do	136.2	1.87	.....	255.8
5- 6	do	131.0	2.06	.....	271.0
5-23	do	117.0	2.03	.....	237.7
6- 6	do	166.9	1.99	1.60	332.0
6-22	do	141.2	1.68	.50	237.4
6-24	do	105.4	1.06	.30	112.4
7- 6	do	175.9	2.16	.....	381.7
7- 8	do	185.2	2.28	1.75	413.2

## MEASUREMENTS OF CANALS—Continued

KEARNEY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
7-25	A. E. Johnston	190.8	1.99	1.50	381.1
7-27	do	113.7	1.26	.20	143.0
8-10	do	184.5	2.20	1.52	406.5
8-11	do	182.4	2.17	2.51	396.4
8-28	do	35.4	.89	1.80	31.6
9- 8	Johnston and Eyerly	-----	-----	-----	* .....
9-18	Johnston and Easterday	107.0	1.68	.50	180.3
9-19	do	121.8	1.94	.10	236.6
9-29	A. E. Johnston	68.9	1.32	1.30	91.1
10-19	do	165.5	2.42	1.40	401.4
11-24	do	112.5	2.50	.70	281.4
<b>1923</b>					
1- 9	A. E. Johnston	11.4	2.51	0.50	296.1
2- 9	do	121.8	1.77	1.09	216.5
2-27	do	106.9	2.35	.75	252.2
3-26	do	112.1	1.99	.80	222.9
4-13	do	132.5	2.16	1.00	285.2
6-19	do	68.0	5.60	3.40	381.1
7- 9	A. H. Atkins	34.0	2.63	-----	89.5
8- 1	do	194.1	2.32	3.30	451.9
8- 7	A. E. Johnston	304.9	1.68	3.70	513.8
8-11	A. H. Atkins	160.2	2.62	3.30	421.1
8-29	do	139.5	2.38	2.70	332.5
9- 6	do	131.2	2.00	2.50	262.4
9-15	A. E. Johnston	170.9	2.44	-----	418.4
10-16	do	106.4	4.12	2.50	439.1
10-20	Wood and Atkins	105.1	3.82	2.70	402.4
11- 6	A. E. Johnston	105.3	4.01	2.80	422.8
11-28	do	87.4	4.56	2.60	399.2
<b>1924</b>					
2-29	A. E. Johnston	138.6	2.79	-----	386.9
3-29	do	135.4	3.03	-----	409.9
4-24	do	120.3	3.26	-----	392.6
5-26	do	112.8	3.46	3.00	390.7
6-19	do	127.8	2.14	3.40	402.4
7-21	do	124.7	3.39	3.30	422.7
8- 6	C. G. Hrubesky	165.0	2.01	-----	332.0
8- 9	A. E. Johnston	124.0	3.60	3.30	447.3
8-21	C. G. Hrubesky	157.8	2.79	-----	440.3
8-28	do	189.3	2.40	-----	452.4
9- 9	A. E. Johnston	75.0	3.59	2.00	270.0
10-22	do	104.0	4.38	2.80	456.0
11-13	do	101.0	4.50	2.70	455.0
<b>1925</b>					
2-13	A. E. Johnston	84.5	4.35	2.30	368.0
3-16	do	77.3	3.53	2.10	272.0
4-10	do	73.6	3.56	2.00	262.0
5- 9	do	110.0	3.43	3.00	377.0
5-15	do	114.0	3.64	3.10	405.0

\*Stagnant water.

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

KEARNEY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. - Ft.
					<b>8261</b>
<b>1925</b>					
6- 9	A. E. Johnston	82.0	3.66	2.25	304.0
6-11	do	121.0	3.78	3.30	457.0
7- 1	do	81.0	3.51	2.20	284.0
7- 3	do	16.4	3.97	.60	66.0
7- 6	do	16.4	3.56	.60	59.0
7-27	R. F. Nosky	14.8	2.74	.....	40.2
8- 7	A. E. Johnston	111.0	3.60	3.00	398.0
8-10	do	131.0	3.74	3.55	414.0
8-29	do	121.0	4.22	3.30	512.0
9-19	do	123.0	4.17	3.35	513.0
10- 3	do	117.0	4.15	3.20	485.0
11- 7	do	86.0	4.30	2.30	370.0
<b>1926</b>					
2-12	A. E. Johnston	94.0	4.20	2.50	394.0
3-15	do	77.7	4.16	2.10	323.0
4- 5	do	83.3	4.03	2.20	335.0
4-26	do	99.9	3.97	2.70	397.4
5-17	do	120.3	3.70	3.30	446.4
6- 9	do	120.0	4.05	3.30	466.0
6-21	do	120.0	4.06	3.30	486.6
6-23	do	120.0	4.00	3.30	478.7
7-19	do	127.7	4.02	3.50	513.2
8- 4	do	124.0	4.05	3.70	504.0
8- 6	do	98.1	3.99	2.70	390.2
8-28	do	98.1	4.10	2.70	403.2
9-25	do	109.0	4.00	3.00	437.9
10-21	do	120.7	3.86	3.30	465.2
11-10	do	.....	.....	1.10	.....
<b>1927</b>					
4-15	A. E. Johnston	130.0	4.10	3.60	532.0
5- 7	do	122.0	3.98	3.20	484.0
5-18	do	106.0	4.06	2.90	429.0
6-10	do	105.0	4.02	2.90	423.0
7- 2	do	103.0	4.18	2.90	430.0
<b>1928</b>					
1- 9	A. E. Johnston	66.4	4.10	1.80	272.6
1-25	do	78.0	3.92	2.10	305.8

## KEARNEY CANAL

Measurements made north of Odessa in Sec. 33, Twp. 9, Rge. 17 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge
<b>1927</b>					
7-13	A. E. Johnston	179.0	2.54	6.00	*451.0
7-21	do	152.4	2.45	5.52	373.2
7-22	do	143.0	2.35	5.20	337.0
8-10	do	219.9	2.73	6.60	598.9
8-19	do	192.0	2.74	6.15	529.0
9-12	do	187.0	3.10	6.40	579.9
10- 3	do	197.0	2.73	6.40	539.0

\*Central Power Company erected swinging bridge over Canal near Odessa.

MEASUREMENTS OF CANALS—Continued

KEARNEY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
10-19	A. E. Johnston	185.0	2.68	6.10	495.0
10-26	do	181.0	2.81	5.95	508.0
11-14	do	189.0	2.52	5.80	476.0
11-29	do	152.0	2.60	5.25	396.0
12- 8	do	153.0	1.15	5.60	178.0
<b>1928</b>					
1-25	A. E. Johnston	208.2	1.49	6.90	310.0
1-31	do	140.0	1.47	5.30	206.0
2-24	do	98.3	1.42	4.20	140.0
3-10	do	127.0	2.52	5.00	321.0
3-23	do	140.0	2.38	5.05	333.0
4-20	do	152.0	2.38	5.40	361.0
5-24	do	185.0	2.29	5.90	421.0
6-12	do	184.0	2.51	6.05	462.0
6-23	do	173.4	2.20	5.60	382.0
7-16	do	181.4	2.36	6.10	428.0
7-20	do	183.9	2.43	6.15	447.0
8- 6	do	171.1	2.32	5.80	397.0
8-23	do	37.0	.68	2.72	25.0
8-24	do	35.0	.60	2.65	21.0
8-30	do	51.6	1.24	3.10	64.0
8-31	do	50.4	1.19	3.00	60.0
9-13	do	206.9	2.32	6.35	480.0
10-15	do	241.0	2.42	6.75	584.0
11- 1	do	221.1	2.56	6.50	565.0
11-13	do	188.3	2.30	6.10	434.0
11-22	do	178.0	2.43	6.05	434.0
12-15	do	142.4	2.21	5.10	316.0

KEARNEY CANAL THROUGH BUFFALO CREEK FROM DAWSON WASTE  
DOCKET 1023

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
7-29	R. F. Nosky	30.4	1.40	8.23	42.5

KEARNEY POWER WASTE—DOCKET 1023  
Diverted from Platte River in Sec. 11, Twp. 8, Rge. 16 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
4- 2	T. C. Palmer	75.5	2.71	2.90	204.5
5- 7	do	100.1	2.66	3.35	266.6
7-13	A. H. Atkins	104.7	2.07	2.50	216.5
8- 1	do	94.1	2.66	.....	250.3
8-17	do	105.9	1.95	1.90	208.0
10-18	T. C. Palmer	112.1	2.35	2.90	263.2
<b>1923</b>					
9-19	Johnston and Easterday	4.8	2.08	.....	10.0
<b>1925</b>					
3-16	A. E. Johnston	67.9	5.40	.....	366.3
4-10	do	56.0	5.68	.....	318.0
5- 9	do	66.0	5.90	.....	389.0
6- 9	do	62.0	5.27	.....	327.0
7- 1	do	36.2	3.86	.....	140.0

## MEASUREMENTS OF CANALS—Continued

KEARNEY POWER WASTE  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
3-17	A. W. Hall	43.4	5.29	.....	229.5
<b>1928</b>					
1- 9	A. E. Johnston	61.0	5.65	.....	346.0
1-30	do	56.0	4.80	.....	268.0
2-24	do	45.0	3.81	.....	170.4
3-22	do	57.4	6.51	.....	372.2
4-20	do	66.0	6.08	.....	402.0
5-17	do	68.0	5.95	.....	405.0
6-13	do	103.0	6.98	.....	723.0
6-22	do	142.0	4.40	.....	625.8
7-16	do	72.1	6.28	.....	459.9
10-15	do	93.6	7.02	.....	656.2
11-22	do	60.6	4.66	.....	283.0
12-15	do	48.9	3.46	.....	169.0

## KEITH-LINCOLN COUNTY CANAL—DOCKET 722

Diverted from North Platte River in Sec. 18, Twp. 14, Rge. 36 W.  
Measurements made at rating flume

<b>1918</b>					
5- 7	T. C. Palmer	42.8	1.46	1.00	62.6
5-20	do	32.7	1.00	.70	32.8
6- 1	do	27.2	1.38	.70	37.6
6-10	do	28.5	1.57	.70	45.0
6-17	do	63.6	1.63	1.38	103.7
6-29	do	50.8	1.74	1.25	88.6
7- 6	do	45.4	1.38	.90	62.3
7-14	do	60.7	1.45	1.30	88.1
7-24	do	32.8	1.41	.65	46.2
8-22	do	34.9	1.30	.75	45.5
9- 2	do	37.8	1.40	.80	55.3
9- 7	do	43.1	1.32	.90	57.1
9-16	do	54.8	1.43	1.20	78.5
9-26	do	39.9	1.39	.93	55.4
<b>1919</b>					
5-15	Earl North	11.8	0.63	0.25	7.4
5-31	do	35.5	1.61	.75	57.3
7-16	do	41.0	1.50	1.00	61.5
8-23	do	.....	.....	.....	.0
9- 1	do	58.8	1.60	1.40	94.0
9- 6	do	71.4	1.64	1.20	117.2
9-16	do	50.4	1.43	1.20	72.5
9-20	do	25.2	1.52	.60	38.5
10- 7	do	.....	.....	.30	.0
<b>1929</b>					
6-16	G. K. Baumgartner	31.9	1.51	0.70	48.1
7- 2	do	51.2	2.02	1.30	103.6
7-19	do	49.5	1.74	1.20	86.2
7-30	do	44.6	1.53	1.00	67.9
8-14	do	37.8	1.48	.75	56.1
8-23	do	36.4	1.35	.75	59.3
9- 3	Palmer and Willis	38.6	1.51	.80	58.4

## MEASUREMENTS OF CANALS—Continued

KEITH-LINCOLN COUNTY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
5- 8	T. C. Palmer	21.4	1.32	0.55	28.2
7- 8	A. H. Atkins	51.5	2.00	1.42	102.7
7-14	*J. K. Rohrer	.....	.....	.....	81.0
7-16	A. H. Atkins	49.8	1.87	1.40	93.1
7-27	do	65.7	1.90	1.58	124.9
8- 3	do	47.9	1.77	1.38	85.0
8-12	do	40.9	1.82	1.10	74.5
8-18	do	23.1	2.04	.75	47.3
8-29	do	36.1	1.58	.80	57.0
<b>1922</b>					
4-24	A. E. Johnston	35.0	1.45	7.75	52.2
5- 3	do	36.2	1.53	8.00	55.9
5-18	do	26.1	1.18	8.00	30.9
6- 2	do	22.2	1.36	5.00	28.2
6-19	do	58.0	1.82	1.30	106.8
6-26	do	75.9	1.89	1.85	143.6
7- 3	do	47.3	1.82	1.00	86.5
7-10	do	38.0	1.62	.70	61.7
7-22	do	52.3	1.81	1.03	94.7
7-29	do	48.1	1.81	1.05	87.3
8- 8	do	62.0	1.93	1.35	120.0
8-12	do	76.5	1.71	1.75	131.1
8-30	Johnston and Eyerly	57.1	1.78	1.00	101.8
9- 4	do	77.1	1.85	1.45	143.9
9- 9	do	54.3	1.74	1.00	95.0
9-16	Johnston and Easterday	51.4	1.60	.95	82.3
9-20	do	54.3	1.46	.....	79.6
9-26	A. E. Johnston	52.6	1.53	.90	80.5
9-30	do	53.5	1.79	1.00	96.0
<b>1923</b>					
5-18	A. E. Johnston	17.7	1.06	0.50	18.8
5-30	do	.0	.00	.00	.0
6-14	do	.0	.00	.00	.0
6-30	do	46.8	1.83	.....	85.9
7-11	A. H. Atkins	65.7	1.77	1.50	116.5
7-27	do	54.5	2.05	1.25	112.2
8-10	A. E. Johnston	.0	.00	.00	.0
8-14	A. H. Atkins	7.0	.75	.10	5.3
8-27	do	43.9	1.47	.....	64.7
9- 8	do	45.1	1.68	.....	76.1
9-13	A. E. Johnston	45.8	1.69	1.25	77.6
9-28	A. H. Atkins	32.8	1.16	.....	38.1
10-18	A. E. Johnston	18.3	.93	.30	17.2
<b>1924</b>					
5-22	A. E. Johnston	30.5	1.78	1.00	54.3
6-16	do	5.3	.85	.....	4.6
7-17	do	52.7	1.92	1.45	82.0
7-23	do	42.6	2.02	1.40	86.3
8- 4	C. G. Hrubesky	57.1	2.07	1.83	118.2
8-19	do	53.7	1.91	1.72	102.2
8-30	do	57.5	1.95	1.84	111.3

\*U. S. R. S. Measurements.



## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

KEITH-LINCOLN COUNTY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5- 7	A. E. Johnston	10.8	0.79	0.50	8.5
5-18	do	15.5	1.36	.70	21.2
6- 5	do	12.9	.88	.70	11.4
6-13	do	33.3	1.92	1.25	63.8
6-27	do	36.0	1.93	1.30	69.5
7- 8	do	34.0	2.26	.....	76.9
7-15	do	57.2	2.02	1.90	116.0
7-20	do	57.0	2.10	1.90	120.0
7-23	O. H. Eyerly	.....	.....	.90	.0
7-25	do	.....	.....	1.35	.0
8- 5	A. E. Johnston	58.6	1.98	1.95	116.1
8-12	do	64.0	2.10	2.00	135.0
8-27	do	24.4	1.60	.95	39.1
9- 3	do	25.3	1.80	1.00	45.6
9-17	do	36.0	1.84	1.30	66.1
9-24	do	30.1	1.86	1.10	56.1
<b>1926</b>					
4-28	A. E. Johnston	36.2	1.66	1.15	60.3
5-19	do	30.7	1.85	1.10	56.7
6-12	do	31.6	1.83	1.10	57.9
6-26	do	26.4	1.76	.95	46.4
7-22	do	55.4	2.10	1.75	116.8
7-31	do	54.0	2.18	1.70	117.9
8- 8	do	37.4	2.21	1.40	82.8
8-21	do	10.8	.90	.50	9.7
9- 1	do	41.4	1.90	1.30	78.6
9-28	do	25.8	.58	1.00	44.6
10-25	do	14.4	1.24	.70	17.9
<b>1927</b>					
5- 5	A. E. Johnston	.....	.....	.....	0.0
5-20	do	33.3	0.47	1.15	70.3
6-14	do	35.6	1.98	1.10	70.4
6-30	do	52.0	2.05	1.65	106.6
7-15	do	47.1	1.95	1.50	91.6
7-19	do	29.7	1.59	.95	47.2
7-25	do	48.0	1.94	1.40	93.3
8- 6	do	37.1	2.00	1.20	74.2
8-23	do	22.4	1.36	.....	30.5
9-14	do	.....	.....	1.70	70.4
10- 6	do	.....	.....	.....	.0
<b>1928</b>					
4-24	A. E. Johnston	24.5	3.13	0.75	77.6
5-29	do	23.8	2.88	.70	68.4
6- 8	do	37.4	4.65	1.30	174.8
6-27	do	22.3	2.16	.70	48.2
7-18	do	.....	.....	.....	.0
7-26	do	.....	.....	.....	.0
8- 9	do	21.6	2.58	.70	55.7
8-21	do	42.0	3.92	1.40	164.7

MEASUREMENTS OF CANALS—Continued

KEITH-LINCOLN COUNTY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
8-22	A. E. Johnston	36.0	3.36	1.00	101.1
8-28	do	27.0	3.30	.90	89.5
9- 3	do	27.0	3.20	.90	87.1
9-17	do	25.5	3.10	.85	79.0
10-17	do	.....	.....	.....	.0

KENT-BURKE CANAL—APPLICATION 1694  
(See Burke-Kent)

Diverted from Pawnee Creek in Sec. 18, Twp. 13, Rge. 27 W.

<b>1920</b>					
6-30	G. K. Baumgartner	4.1	0.48	0.90	2.0
7-16	do	1.4	.41	.30	.6
8- 2	do	4.1	1.16	.90	4.7
8-17	do	2.3	1.12	.50	2.5
<b>1922</b>					
5- 5	A. E. Johnston	2.7	0.81	.....	2.2
6-20	do	2.4	1.16	0.50	2.9
7-24	do	.9	.67	.20	.6
8- 9	do	3.3	.84	.70	2.8
8-29	do	5.7	1.01	1.30	5.8
9- 6	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1923</b>					
7-10	E. F. Ketcham	.....	.....	.....	0.0
7-30	A. H. Atkins	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
9-14	A. E. Johnston	.....	.....	.....	.0
9-29	A. H. Atkins	.....	.....	.....	.0
<b>1924</b>					
5-24	A. E. Johnston	1.8	0.66	.....	1.4
6-18	do	.....	.....	.....	.0
7-18	do	.....	.....	.....	.0
8- 5	C. G. Hrubesky	4.0	1.63	1.00	2.5
8-20	do	3.1	.84	.95	2.6
8-29	do	.....	.....	.....	.0
<b>1925</b>					
6- 8	A. E. Johnston	0.9	1.19	0.45	1.0
6-29	do	.....	.....	.....	.0
7- 7	do	2.0	1.20	.50	2.4
8-11	do	4.4	.74	.90	3.3
8-28	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
<b>1926</b>					
5-18	A. E. Johnston	3.5	0.87	8.50	3.1
6-10	do	2.3	1.40	.50	3.2
6-24	do	.....	.....	.....	.6
7-20	do	.....	.....	.....	.0
8- 7	do	3.6	1.30	.80	4.7
8-23	do	.....	.....	.10	.0
9-27	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

KENT-BURKE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5-19	A. E. Johnston	0.8	0.50	0.10	0.4
7- 1	do	.....	.....	.10	.0
7-14	do	4.8	.50	.....	2.4
8- 8	do	.....	.....	.....	.0
8-20	do	.....	.....	.....	.0
<b>1928</b>					
4-21	A. E. Johnston	.....	.....	.....	0.0
5-25	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7-17	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-29	do	0.8	0.54	0.90	.4
9-14	do	6.1	.49	1.40	3.0
10-16	do	.....	.....	.....	.0

KEYSTONE CANAL—APPLICATIONS 662b, 843, 1003  
Diverted from White Tail Creek in Sec. 26, Twp. 15, Rge. 38 W.

<b>1919</b>					
8-23	Earl North	.....	.....	.....	0.0
9- 6	do	15.8	1.13	3.10	17.3
9-16	do	.....	.....	.....	.0
<b>1920</b>					
7-30	G. K. Baumgartner	18.2	1.43	1.30	26.0
8- 6	do	11.2	1.08	1.80	12.1
<b>1921</b>					
7- 8	A. H. Atkins	13.6	1.47	2.50	20.0
7-15	do	11.3	1.74	2.76	19.7
7-28	do	8.4	1.36	.25	11.4
8-12	do	10.1	1.87	2.90	18.9
8-19	do	10.9	1.62	3.01	17.7
<b>1922</b>					
5- 2	A. E. Johnston	3.1	1.10	.....	3.4
7-22	do	8.4	1.13	.....	9.5
8-12	do	5.9	1.08	.....	6.3
8-19	do	10.8	1.33	.....	14.4
8-30	Johnston and Eyerly	11.2	1.46	1.10	16.4
9- 4	do	11.3	1.62	1.15	18.4
9-27	A. E. Johnston	11.4	1.41	1.20	16.1
<b>1923</b>					
5-17	A. E. Johnston	.....	.....	.....	0.0
6-29	do	.....	.....	.....	.0
7-26	A. H. Atkins	311.5	1.28	0.80	14.8
8-10	A. E. Johnston	4.9	.81	.50	4.3
8-27	A. H. Atkins	5.1	.44	.....	2.3
9-13	A. E. Johnston	10.2	1.38	1.20	14.1
9-27	A. H. Atkins	8.0	1.19	.50	9.6

## MEASUREMENTS OF CANALS—Continued

KEYSTONE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
5-21	A. E. Johnston	13.4	1.13	.....	15.2
6-14	do	2.2	.88	.....	1.9
7-16	do	8.0	1.53	.....	12.3
7-23	do	10.0	1.66	.....	16.6
8- 4	C. G. Hrubesky	9.4	1.39	0.76	13.2
8-16	do	5.9	1.61	.....	9.5
9- 1	do	10.2	1.30	.....	13.3
<b>1925</b>					
5-19	A. E. Johnston	2.5	0.60	.....	1.5
6- 5	do	9.8	.95	.....	9.3
6-26	do	8.6	1.57	.....	13.5
7- 9	do	9.7	1.43	.....	13.9
7-22	do	14.6	1.29	2.90	18.9
8- 5	do	11.7	.81	2.50	9.5
8-26	do	4.3	1.08	2.05	5.1
9-24	do	3.3	.66	1.90	2.2
<b>1926</b>					
6-14	A. E. Johnston	18.3	1.31	3.00	23.8
6-28	do	10.6	1.64	2.70	17.4
7-23	do	12.0	1.40	2.70	16.8
7-30	do	13.1	1.31	2.70	17.2
8-20	do	11.4	1.07	2.70	12.2
9- 2	do	10.5	.92	2.40	9.7
9-29	do	.....	.....	.....	.0
<b>1927</b>					
5-20	A. E. Johnston	.....	.....	.....	0.0
6-14	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-15	do	9.6	2.45	3.25	23.5
8-24	do	.....	.....	.....	.0
9-15	do	6.4	1.03	2.30	6.6
10- 6	do	5.5	.80	2.10	4.4
<b>1928</b>					
4-25	A. E. Johnston	.....	.....	.....	0.0
5-31	do	7.9	0.82	2.60	6.5
6- 7	do	.....	.....	.....	.0
6-28	do	.....	.....	.....	.0
7-19	do	5.4	.53	2.10	2.9
9- 4	do	7.1	2.98	2.50	4.2
9-18	do	9.5	.73	2.90	6.9
10-18	do	7.1	.79	2.75	5.6
11- 9	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

KILPATRICK RESERVOIR—APPLICATION 1108  
Diverted from Frenchman River in Sec. 23, Twp. 6, Rge. 40 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
1-21	C. E. Franklin	.....	.....	.....	0.0
2-14	do	5.8	1.76	.....	10.2
3- 5	do	6.9	1.68	.....	11.5
3-21	do	.....	.....	.....	8.9
4- 9	do	4.8	.79	.....	3.8
5-18	do	.....	.....	.....	9.4
6-20	do	.....	.....	.....	.0
7-12	do	.....	.....	.....	13.1
7-26	do	.....	.....	.....	5.3
8-14	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	10.5
9-20	do	.....	.....	.....	11.4
9-30	do	.....	.....	.....	7.6
10-18	do	.....	.....	.....	.0
11- 5	do	5.6	1.43	.....	8.0
11-21	do	.....	.....	.....	4.5
12-19	do	.....	.....	.....	.0

KIMBALL IRRIGATION DISTRICT CANAL—APPLICATION 897  
Diverted from Lodgepole Creek in Sec. 36, Twp. 15, Rge. 57 W.

<b>1923</b>					
6-23	E. F. Ketcham	13.6	1.38	.....	18.9
7-13	A. H. Atkins	32.7	1.76	.....	57.6
7-30	A. E. Johnston	44.3	1.00	.....	44.4
8-30	E. F. Ketcham	40.6	4.07	.....	43.6
<b>1924</b>					
9- 9	C. G. Hrubesky	.....	.....	.....	25.6
<b>1925</b>					
5-12	Hall and Hanna	.....	.....	.....	48.5
5-22	Johnston and Hanna	.....	.....	.....	51.1
6- 3	C. E. Franklin	.....	.....	.....	.0
6-17	do	24.6	1.02	.....	25.1
7- 8	do	40.6	1.08	3.40	44.0
8- 4	do	34.1	.40	2.90	13.6
8-15	do	41.2	.75	3.45	31.1
8-28	do	36.3	.83	2.98	30.0
9-11	do	4.5	.51	1.90	2.7
9-27	do	21.0	1.20	2.95	26.1
<b>1926</b>					
6- 7	C. E. Franklin	31.4	1.02	.....	32.1
7- 3	do	45.8	1.00	3.65	45.8
7-30	do	42.4	.91	3.82	38.8
8-14	do	45.2	1.01	3.63	45.7
8-28	do	.....	.....	.50	.0

## MEASUREMENTS OF CANALS—Continued

KIMBALL IRRIGATION DISTRICT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-11	do	.....	.....	.....	.0
5-25	do	34.2	0.64	2.85	22.2
7- 1	do	37.8	1.02	3.14	38.6
7-16	do	43.4	1.44	3.52	62.5
8- 4	do	35.8	.79	3.05	27.2
8-17	do	39.2	.76	3.58	29.7
8-22	A. W. Hall	.....	.....	.....	.0
9- 1	C. E. Franklin	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
<b>1928</b>					
4- 4	C. E. Franklin	1.2	0.83	.....	1.0
5- 2	do	.8	1.00	.....	.8
6- 6	do	52.3	.99	2.95	51.7
6-29	do	.....	.....	.....	.0
7-20	do	29.8	.81	2.35	32.3
8- 3	do	.....	.....	.....	.0
8-24	do	53.4	1.19	3.02	63.2
9-16	do	51.0	1.09	3.15	55.9
9-27	do	.....	.....	.....	.0

## KING CANAL—APPLICATIONS 1440, 1587

Diverted from Lawrence Fork in Sec. 15, Twp. 18, Rge. 52 W.

<b>1922</b>					
6-17	T. C. Palmer	2.4	1.20	.....	2.9
6-26	Chaloupka and Atkins	2.5	1.24	.....	3.1
6-29	T. C. Palmer	2.6	1.19	1.22	3.1
7-10	A. H. Atkins	2.6	1.30	1.23	3.4
7-31	do	3.0	2.30	1.50	6.9
8-19	do	2.0	.80	1.20	1.3
8-25	do	2.0	1.15	2.05	2.3
8-31	do	2.4	1.58	1.30	3.8
<b>1923</b>					
7-14	A. H. Atkins	2.7	1.48	1.50	4.0
8-20	do	.0	.00	.00	.0
9-26	A. E. Johnston	3.0	1.18	1.50	3.6
<b>1924</b>					
9-13	A. E. Johnston	0.3	1.90	1.50	0.6
<b>1926</b>					
8-17	A. E. Johnston	2.2	0.91	.....	2.0
<b>1927</b>					
6- 7	A. W. Hall	2.5	1.44	1.42	3.6
6-22	do	2.7	1.63	1.62	4.4

## KINNEY-FORSLING CANAL—DOCKET 348—APPLICATION 718

Diverted from Lodgepole Creek in Sec. 33, Twp. 35, Rge. 56 W.

<b>1924</b>					
9-10	C. G. Hrubesky	2.3	0.88	.....	2.1
<b>1925</b>					
4-29	C. E. Franklin	3.6	1.18	.....	4.3
5- 4	A. E. Johnston	3.3	.53	.....	1.7

STATE OF NEBRASKA

MEASUREMENTS OF CANALS—Continued

KINNEY-FORSLING CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-12	Hall and Hanna	4.2	.83	.....	3.5
5-22	Johnston and Hanna	3.9	.41	.....	1.6
6- 3	C. E. Franklin	5.6	.73	.....	4.1
7- 8	do	4.7	.62	0.80	2.9
8- 4	do	3.3	.79	.71	2.6
8-15	do	5.7	.25	1.32	2.3
8-28	do	6.0	.30	1.39	2.0
9-11	do	5.5	.62	.96	3.4
9-28	do	.....	.....	.....	.0
<b>1926</b>					
4-23	C. E. Franklin	3.6	1.11	0.42	4.0
5-11	do	3.1	.51	.63	1.6
5-24	Franklin and Hanna	2.7	.91	.46	2.5
6- 6	C. E. Franklin	3.9	.63	.98	2.4
7- 3	do	6.6	.62	1.26	4.1
7-31	do	9.2	.57	1.37	5.3
8-13	do	7.4	.62	1.32	4.6
8-28	do	.....	.....	.40	.0
<b>1927</b>					
4-26	C. E. Franklin	.....	.....	.....	0.0
5-11	do	.....	.....	.....	.0
5-24	do	2.4	0.83	.....	1.9
7- 1	do	3.4	1.27	0.85	4.3
7-16	do	3.4	1.12	.84	3.8
8- 4	do	2.5	.69	.61	1.7
8-17	do	.....	.....	.....	.0
8-22	A. W. Hall	.....	.....	.....	.0
8-31	C. E. Franklin	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
<b>1928</b>					
5- 4	C. E. Franklin	.....	.....	.....	0.0
6- 6	do	2.4	1.18	0.20	2.8
6-29	do	2.3	.87	.21	2.0
7-20	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0

KROTTER POWER CANAL—APPLICATION 1021

Diverted from Frenchman River in Sec. 35, Twp. 5, Rge. 34 W.

<b>1919</b>					
7-16	T. C. Palmer	28.3	1.75	.....	49.6
10-23	Palmer and Bailey	43.8	2.20	.....	96.4
<b>1921</b>					
5-17	T. C. Palmer	40.2	2.20	.....	88.8
<b>1922</b>					
8- 2	Palmer and Strong	38.6	2.38	.....	92.0
8-23	Johnston and Strong	37.6	2.50	.....	94.0

## MEASUREMENTS OF CANALS—Continued

KROTTER POWER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
4-16	A. E. Johnston	8.4	2.20	.....	18.4
7-19	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.0
8-26	E. F. Ketcham	.....	.....	.....	.0
9-18	A. E. Johnston	.....	.....	.....	.0
10-12	E. F. Ketcham	.....	.....	.....	.0
<b>1924</b>					
4-28	A. E. Johnston	8.4	1.05	.....	8.9
5-29	do	9.6	1.48	.....	14.3
6-25	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
<b>KRUEGER CANAL, No. 1—DOCKET 325</b>					
Diverted from Lodgepole Creek in Sec. 29, Twp. 14, Rge. 48 W.					
<b>1923</b>					
4-19	A. E. Johnston	2.3	1.52	.....	3.4
8- 2	do	.....	.....	.....	.0
<b>1924</b>					
9-13	C. G. Hrubesky	3.0	0.72	.....	2.2
<b>1925</b>					
5- 5	C. E. Franklin	3.3	1.30	.....	4.2
6-20	do	3.7	2.81	.....	1.0
7-10	do	.3	.47	0.10	.1
9- 1	do	2.0	.33	1.07	.7
9- 8	do	2.2	.45	1.17	.9
<b>1926</b>					
5-12	C. E. Franklin	3.1	1.92	1.69	5.9
5-25	do	3.2	1.69	1.72	5.4
6-10	do	3.0	1.41	1.60	4.2
6-24	do	3.0	.71	1.44	2.1
7- 9	do	2.6	.51	1.25	1.3
8- 5	do	.....	.....	.....	.2
8-18	do	.....	.....	.91	†.1
9- 1	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	2.6	1.88	1.56	4.9
7-20	do	3.4	.82	1.55	2.8
8-18	do	.2	.50	.95	.1
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.84	.0
<b>1928</b>					
5- 7	C. E. Franklin	0.7	0.80	1.80	0.6
5-31	do	.....	.....	.....	.9
6- 9	do	3.8	.68	1.85	2.6

†Estimated.



## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

KRUEGER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
7- 3	C. E. Franklin	.....	.....	.....	.5
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	2.9	.24	1.20	.7
9-28	do	.....	.....	1.05	.0
<b>KRUEGER CANAL, No. 2—DOCKET 324</b>					
Diverted from Lodgepole Creek in Sec. 32, Twp. 14, Rge. 48 W.					
<b>1924</b>					
9-13	C. G. Hrubesky	2.1	0.46	.....	1.0
<b>1925</b>					
6- 6	C. E. Franklin	2.9	0.47	.....	1.4
7-10	do	.3	.60	0.10	.2
9- 1	do	.....	.....	.....	.0
<b>1926</b>					
6-10	C. E. Franklin	0.4	0.40	0.50	0.2
6-24	do	.....	.....	.....	†.1
7- 9	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.60	.1
9- 1	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8-18	do	.....	.....	0.50	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 7	C. E. Franklin	1.2	0.66	.....	0.8
5-31	do	.....	.....	.....	.0
6- 9	do	.....	.....	.....	.0
7- 3	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	3.4	.67	.....	2.3
9-18	do	.7	1.29	.....	.9
9-28	do	.....	.....	.....	.0
<b>KRUEGER CANAL, No. 3—DOCKET 323</b>					
Diverted from Lodgepole Creek in Sec. 32, Twp. 14, Rge. 48 W.					
<b>1924</b>					
9-13	C. G. Hrubesky	1.9	1.35	.....	2.6
<b>1925</b>					
6- 6	C. E. Franklin	4.8	0.94	.....	4.5
8-26	do	.....	.....	1.06	1.2
9- 1	do	.....	.....	.....	.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

KRUEGER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
4-14	C. E. Franklin	3.7	0.90	.....	3.3
5-12	do	.....	.....	.....	.0
6-10	do	3.1	.88	1.00	2.7
6-24	do	3.0	.88	1.00	2.7
7- 9	do	3.9	1.19	1.30	4.7
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.40	.0
9- 1	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-20	do	.....	.....	0.70	†.5
8-18	do	.....	.....	.50	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 7	C. E. Franklin	2.7	0.52	1.40	1.4
5-31	do	.....	.....	.....	.0
6- 9	do	.....	.....	.....	†.2
7- 3	do	3.1	.84	.....	2.7
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	†2.0

## KRUEGER CANAL, No. 4—DOCKET 968

Diverted from Lodgepole Creek in Sec. 29, Twp. 14, Rge. 48 W.

<b>1925</b>					
6- 6	C. E. Franklin	0.6	0.83	.....	0.5
6-20	do	2.0	1.06	.....	2.1
7-10	do	2.8	.89	1.40	2.5
8- 5	do	2.4	.96	1.35	2.3
8-17	do	2.5	1.36	.....	3.4
<b>1927</b>					
9-30	C. E. Franklin	.....	.....	.....	.0
<b>1928</b>					
5- 7	C. E. Franklin	.....	.....	0.10	0.0

## LABELLE CANAL—DOCKET 518—APPLICATION 60

Diverted from Niobrara River in Sec. 6, Twp. 28, Rge. 54 W.

<b>1925</b>					
5-27	A. E. Johnston	.....	.....	.....	0.0
6-19	do	4.8	0.20	.....	1.0
8-18	do	.....	.....	.....	.0
9-10	do	.....	.....	.....	.0

†Estimated.

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

LABELLE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
6-21	A. E. Johnston	.....	.....	.....	0.0
8-30	do	.....	.....	.....	.0
<b>1928</b>					
5- 1	A. E. Johnston	.....	.....	.....	0.0
8-15	do	.....	.....	.....	.0
9-25	do	.....	.....	.....	.0
10-23	do	.....	.....	.....	.0

## LAING CANAL—DOCKET 825

Diverted from Lawrence Fork in Sec. 28, Twp. 18, Rge. 52 W.

<b>1919</b>					
7- 5	W. F. Chaloupka	0.5	0.70	.....	0.3
<b>1921</b>					
8-20	W. F. Chaloupka	0.8	0.50	.....	0.4
<b>1922</b>					
6-26	Chaloupka and Atkins	0.7	1.00	.....	0.7
6-30	A. H. Atkins	.5	1.40	0.45	.7
7- 6	do	.7	.85	.51	.6
7-10	do	.7	1.14	.51	.8
8-19	do	.8	1.12	.....	.9
8-25	do	.4	1.25	.....	.5
<b>1923</b>					
7-14	A. H. Atkins	0.2	1.00	.....	0.2
8-20	do	.....	.....	.....	.0
<b>1924</b>					
8-25	W. F. Chaloupka	0.6	0.83	.....	0.5
9-13	A. E. Johnston	.9	1.10	.....	1.0
<b>1927</b>					
6-22	A. W. Hall	0.9	1.00	.....	0.9

## LAKATOH CANAL—DOCKET 554

Diverted from Niobrara River in Sec. 1, Twp. 30, Rge. 57 W.

<b>1925</b>					
5-27	A. E. Johnston	.....	.....	.....	0.0
6-19	do	8.2	0.18	.....	1.5
<b>1926</b>					
8-26	J. D. Heywood	5.4	0.80	.....	4.3
<b>1927</b>					
6-21	A. E. Johnston	.....	.....	.....	0.0
8-30	do	.....	.....	.....	3.3
<b>1928</b>					
8-15	A. E. Johnston	2.1	2.00	.....	4.2
9-26	do	4.0	1.22	.....	4.9
10-24	do	1.2	1.95	.....	2.3

## MEASUREMENTS OF CANALS—Continued

## LAMORE CANAL—APPLICATION 327

Diverted from North Platte River in Sec. 34, Twp. 19, Rge. 48 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
7-23	G. K. Baumgartner	4.4	0.80	0.90	3.6
8-10	do	4.0	.81	.90	3.2
8-25	do	2.4	.59	.65	1.4
9- 1	T. C. Palmer	4.8	.92	1.16	4.4
9-14	do	3.4	.88	.94	3.0
<b>1921</b>					
7-20	A. H. Atkins	3.9	0.83	0.72	3.2
7-23	W. F. Chaloupka	5.1	.96	.94	4.9
7-26	A. H. Atkins	3.7	.97	.72	3.6
8- 6	W. F. Chaloupka	4.6	1.01	.88	4.6
8- 9	A. H. Atkins	3.4	.90	.64	3.2
8-19	do	2.9	.86	.67	2.5
8-22	do	2.5	.86	.58	2.2
8-27	W. F. Chaloupka	4.2	.80	.74	3.4
9- 3	do	3.0	.96	.67	2.9
<b>1922</b>					
6-29	A. E. Johnston	2.5	1.16	.....	2.9
7-14	A. H. Atkins	1.9	1.73	0.46	3.4
7-17	A. E. Johnston	1.5	1.00	.31	1.5
8- 1	do	5.8	1.22	1.00	7.1
8-11	A. H. Atkins	4.1	1.29	.72	5.3
8-16	A. E. Johnston	1.0	.60	.30	.6
<b>1923</b>					
5-16	A. E. Johnston	0.0	0.00	.....	0.0
6-27	do	.0	.00	.....	.0
9- 1	do	1.5	0.60	.....	.9
<b>1924</b>					
7-14	A. E. Johnston	5.1	0.87	.....	4.4
7-25	do	4.6	1.11	.....	5.1
7-31	C. G. Hrubesky	2.6	1.12	.....	2.9
8-15	do	5.0	.82	.....	4.1
9- 3	do	1.9	.79	.....	1.5
<b>1925</b>					
5-21	A. E. Johnston	.....	.....	.....	0.0
6-23	do	.....	.....	.....	.0
7-11	do	.....	.....	.....	.0
7-25	do	2.7	0.73	.....	1.9
8- 3	do	6.9	.57	.....	3.9
8-25	do	.....	.....	.....	.0
<b>1926</b>					
8-18	A. E. Johnston	2.1	0.95	.....	2.0
9- 7	do	.9	1.22	.....	1.1
<b>1927</b>					
4- 4	A. E. Johnston	.....	.....	.....	0.0
6-25	do	.....	.....	.....	.0
7-28	do	3.7	1.08	.....	4.0

## MEASUREMENTS OF CANALS—Continued

LAMORE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6- 4	A. E. Johnston	7.8	1.82	1.60	14.2
7-23	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
<b>LAST CHANCE CANAL—DOCKET 883</b>					
Diverted from Pumpkinseed Creek in Sec. 27, Twp. 19, Rge. 50 W.					
Measurements made at rating flume					
<b>1919</b>					
6-21	W. F. Chaloupka	7.5	1.45	.....	10.9
7-28	do	7.5	1.62	.....	12.2
8- 4	do	.....	.....	.....	.0
8-11	do	.....	.....	.....	.0
<b>1921</b>					
7-23	W. F. Chaloupka	19.4	0.70	.....	13.2
8-19	do	15.2	.84	.....	12.8
8-27	do	18.5	.97	.....	18.0
9- 2	do	11.8	.39	.....	4.5
<b>1922</b>					
7- 3	A. H. Atkins	7.2	2.19	1.30	15.8
7- 8	do	7.2	2.13	1.20	15.4
7-15	do	7.2	2.16	1.20	15.6
7-22	do	6.6	2.21	1.15	14.6
7-29	do	4.8	2.04	.60	9.8
8- 9	do	4.8	1.87	.60	9.0
8-16	do	6.0	2.06	.80	12.4
8-28	do	4.8	2.12	.70	10.2
<b>1923</b>					
7-16	A. H. Atkins	0.0	0.03	.....	0.0
8-31	E. F. Ketcham	.0	.00	.....	.0
9-24	A. E. Johnston	.0	.03	.....	.0
<b>1924</b>					
8-22	A. E. Johnston	9.0	1.81	.....	16.3
9-12	do	9.0	1.71	.....	15.4
<b>1925</b>					
5-16	A. W. Hall	7.1	2.20	.....	15.7
6-12	do	6.5	2.07	1.10	13.5
6-25	do	.....	.....	.....	.0
7-20	do	8.4	1.75	1.40	14.7
7-28	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
9-12	A. E. Johnston	4.2	2.13	.50	8.9

MEASUREMENTS OF CANALS—Continued

LAST CHANCE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
6-20	A. W. Hall	5.5	1.35	0.76	7.4
7- 6	do	6.2	1.76	.90	10.9
7-19	do	3.9	1.51	.....	5.9
7-27	A. E. Johnston	6.0	2.46	.85	14.8
8- 9	A. W. Hall	8.4	1.55	1.20	12.0
8-17	A. E. Johnston	5.4	2.14	.80	11.6
<b>1927</b>					
6- 7	A. W. Hall	.....	.....	.....	0.0
6-18	A. E. Johnston	.....	.....	.....	.0
6-22	do	.....	.....	.....	.0
8-10	do	3.0	1.61	0.45	4.8
<b>1928</b>					
6-20	A. W. Hall	3.6	1.39	0.60	5.0
7-11	do	.....	.....	.05	.0
LIBBY CANAL, No. 1—DOCKET 312 Diverted from Lodgepole Creek in Sec. 36, Twp. 14, Rge. 47 W.					
<b>1924</b>					
9-13	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
5- 7	C. E. Franklin	1.8	0.92	.....	1.7
5- 7	do	1.0	1.60	.....	1.6
5- 8	do	2.2	1.36	.....	3.0
5- 8	do	2.9	1.05	.....	3.1
6- 6	do	.8	1.27	.....	1.0
6-21	do	2.4	1.04	.....	2.5
7-10	do	.3	.43	.....	.1
9- 9	do	1.1	1.36	.....	1.5
<b>1926</b>					
4-28	C. E. Franklin	0.4	0.70	.....	0.3
5-25	do	.9	2.09	.....	1.9
7- 9	do	.....	.....	.....	.0
8- 6	do	.....	.....	0.42	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	0.81	.0

## MEASUREMENTS OF CANALS—Continued

LIBBY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5- 8	C. E. Franklin	.....	.....	.....	0.0
5-31	do	.....	.....	.....	.6
6-13	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
LIBBY CANAL, No. 2—Sec. 36, Twp. 14, Rge. 47 W.					
<b>1926</b>					
4-28	C. E. Franklin	1.1	1.92	.....	2.0
6-12	do	.....	.....	0.70	.9
6-24	do	.1	1.12	.20	.1
7- 9	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
8-18	do	.8	.69	.40	.6
9- 2	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 8	C. E. Franklin	3.2	1.31	0.80	4.2
5-31	do	.....	.....	.....	.0
6-13	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
LIBBY CANAL, No. 3—Sec. 36, Twp. 14, Rge. 47 W.					
<b>1926</b>					
6-12	C. E. Franklin	0.8	1.07	0.70	0.9
7- 9	do	.8	1.18	.70	1.0
8- 6	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.50	†.3
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	0.8	0.88	.....	.7

†Estimated.

MEASUREMENTS OF CANALS—Continued

LIBBY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5- 8	C. E. Franklin	.....	.....	.....	0.0
5-31	do	.....	.....	.....	.0
6-13	do	2.3	0.87	.....	2.1
7-25	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

LIBBY CANAL, No. 4—Sec. 36, Twp. 14, Rge. 47 W.

1927					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

1928					
5- 8	C. E. Franklin	.....	.....	.....	0.0

LIBBY CANAL, No. 5—Sec. 36, Twp. 14, Rge. 47 W.

1927					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

1928					
5- 8	C. E. Franklin	.....	.....	.....	0.0

LICHTE CANAL—DOCKET 479—APPLICATIONS 1086, 1088  
Diverted from Niobrara River in Sec. 27, Twp. 29, Rge. 48 W.

1923					
8- 8	E. F. Ketcham	.....	.....	.....	0.0

1924					
11- 4	A. E. Johnston	4.7	0.81	.....	3.8

1925					
4-30	A. E. Johnston	6.2	2.24	.....	13.9
5-28	do	.....	.....	.....	.0
6-22	do	10.5	1.69	.....	17.8
7-29	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0



MEASUREMENTS OF CANALS—Continued

LICHTE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
9-10	A. E. Johnston	7.0	1.58	.....	11.1
<b>1927</b>					
5-24	A. E. Johnston	.....	.....	.....	0.0
6-23	do	6.3	1.62	.....	10.2
7-30	do	.....	.....	.....	.0
8-29	do	.....	.....	.....	.0
9-20	do	.....	.....	.....	.0
<b>1928</b>					
4-30	A. E. Johnston	.....	.....	.....	0.0
6-21	A. W. Hall	7.3	1.81	1.00	13.2
7- 2	A. E. Johnston	6.3	1.66	.90	10.5
8-14	do	.....	.....	.....	.0
8-18	do	2.8	1.21	.30	3.4
9-24	do	7.0	1.31	1.00	9.2
10-23	do	2.1	1.33	.30	2.8
LISCO CANAL—DOCKETS 856, 787—APPLICATIONS 243, 991 Diverted from North Platte River in Sec. 14, Twp. 18, Rge. 47 W.					
<b>1918</b>					
6- 8	T. C. Palmer	26.3	1.36	2.00	35.8
6-20	do	19.1	1.09	1.40	20.9
6-26	do	37.7	1.66	2.50	62.9
7- 8	do	10.2	.67	.90	6.8
7-29	do	16.4	1.47	1.60	24.1
8-24	do	7.2	1.04	1.20	7.5
8-30	do	7.3	.80	1.10	5.9
9- 9	do	10.6	.96	1.50	10.2
9-12	do	14.3	1.33	1.70	19.1
<b>1919</b>					
6-16	Earl North	30.7	0.75	1.95	23.0
6-24	do	34.9	.89	2.15	31.2
7- 8	do	21.8	1.66	2.00	36.2
7-11	do	17.3	1.42	1.95	24.6
8- 4	do	26.8	1.40	2.40	37.5
9-10	do	23.8	1.40	2.05	33.4
<b>1920</b>					
7- 3	G. K. Baumgartner	32.3	0.71	2.00	22.9
7- 8	do	26.4	.56	1.64	14.9
7-22	do	26.9	.82	1.80	21.9
7-26	do	30.4	.80	2.00	24.4
8- 7	do	21.3	.60	1.40	12.9
8-12	do	14.6	.68	1.40	9.9
8-25	do	25.2	.84	1.80	21.3
9- 1	T. C. Palmer	5.9	.67	1.25	3.4

## MEASUREMENTS OF CANALS—Continued

LISCO CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
7- 5	A. H. Atkins	23.9	1.08	.....	26.0
7-13	*J. K. Rohrer	.....	.....	.....	16.0
7-20	A. H. Atkins	32.4	1.84	1.00	59.7
7-26	do	7.8	1.20	.40	9.4
8- 9	do	12.6	1.27	.20	16.0
8-22	do	7.1	1.60	.57	11.3
8-27	W. F. Chaloupka	13.3	1.44	.85	19.1
<b>1922</b>					
5-31	A. E. Johnston	23.8	1.57	1.40	37.3
6-15	do	19.8	1.78	1.20	35.3
6-30	do	16.0	1.61	1.00	25.7
7-13	do	19.4	1.31	1.30	25.5
7-14	A. H. Atkins	16.0	1.78	1.01	28.5
7-19	A. E. Johnston	20.8	.71	1.30	14.7
8- 3	do	21.8	1.31	1.55	28.6
8-11	A. H. Atkins	13.0	1.03	.52	13.5
8-17	A. E. Johnston	1.2	.83	1.30	1.0
8-29	A. H. Atkins	28.8	1.52	1.80	44.0
9- 2	A. E. Johnston	30.4	1.53	1.90	46.8
9-25	do	32.3	1.32	2.00	42.8
10-25	do	8.6	1.05	.80	9.0
<b>1923</b>					
5-16	A. E. Johnston	22.2	1.40	1.60	31.1
5-28	do	.0	.....	.....	.0
6-12	do	.....	.....	.....	.0
6-27	do	31.2	1.74	1.90	57.8
7- 5	E. F. Ketcham	61.4	1.05	.40	65.0
7-14	A. E. Johnston	34.7	2.03	2.10	70.4
7-21	do	.....	.....	.....	.0
7-23	A. H. Atkins	12.8	1.49	.....	19.2
8-24	do	.....	.....	.....	.0
9-10	A. E. Johnston	17.0	2.06	1.50	35.0
9-25	A. H. Atkins	8.7	.91	.70	7.9
<b>1924</b>					
5-19	A. E. Johnston	40.0	2.30	2.50	92.0
6-12	do	.....	.....	.....	.0
7-14	do	44.2	1.32	2.60	58.6
7-25	do	45.9	1.15	2.70	53.1
7-31	C. G. Hrubesky	28.0	1.95	.....	54.6
8- 5	A. E. Johnston	44.2	1.43	2.60	63.2
8-15	C. G. Hrubesky	22.2	1.48	.89	28.4
8-27	A. E. Johnston	31.3	1.14	1.65	35.9
9- 2	C. G. Hrubesky	37.9	.92	2.57	34.9
10- 6	A. E. Johnston	16.0	1.02	1.50	16.3
<b>1925</b>					
4-29	A. W. Hall	16.8	0.97	.....	16.3
5- 7	Willis and Hall	28.0	.85	1.80	23.7
5- 9	A. W. Hall	26.8	.82	1.85	21.9

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

LISCO CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-20	A. E. Johnston	19.2	0.93	1.20	17.9
6- 1	do	6.6	.41	.90	2.7
6-16	do	17.3	.79	1.30	13.7
6-24	do	22.0	.65	1.60	14.2
7- 2	C. E. Franklin	32.7	1.50	.....	49.2
7-10	A. E. Johnston	53.2	1.42	3.40	75.6
7-13	do	60.4	1.83	3.80	111.4
7-18	Hall and Sampson	31.8	1.28	2.10	40.6
7-24	Johnston and Clark	49.2	1.48	3.00	72.6
8- 3	A. E. Johnston	.....	.....	.....	.0
8-13	do	22.1	1.45	1.50	32.0
8-24	do	22.1	1.22	1.50	27.2
9- 4	do	28.6	1.24	1.80	35.6
9-15	do	19.0	1.03	1.20	19.6
9-26	do	14.3	1.03	1.20	14.8
10-16	do	16.7	.64	1.10	10.7
<b>1926</b>					
5-22	A. E. Johnston	24.5	0.60	1.70	14.7
6-16	do	15.2	1.90	1.60	29.0
6-30	do	15.8	.41	2.20	6.5
7-24	do	24.2	.71	1.80	17.1
8-10	do	31.8	2.20	.89	28.4
8-18	do	.....	.....	.....	.0
9- 4	do	31.7	.91	2.30	31.7
10- 1	do	.....	.....	.....	.0
<b>1927</b>					
4- 4	A. E. Johnston	.....	.....	.....	0.0
5- 3	A. W. Hall	.....	.....	.....	.0
6-27	A. E. Johnston	32.0	0.84	2.20	26.8
7-18	do	23.6	.95	1.60	22.6
7-28	do	38.4	.98	2.40	37.6
8- 4	do	27.8	2.20	2.10	61.1
8-26	do	41.1	1.57	2.40	64.6
9-17	do	43.5	1.77	2.50	77.1
10- 8	do	.....	.....	.....	.0
<b>1928</b>					
4-27	A. E. Johnston	33.1	1.49	1.70	49.6
6- 2	do	30.8	2.28	2.00	70.3
6- 5	do	32.9	2.10	2.10	69.3
6-30	do	11.5	1.62	1.30	18.6
7-20	do	20.1	.95	1.40	19.2
7-23	do	16.0	.86	1.20	13.7
8-11	do	33.2	1.11	2.20	37.3
8-20	do	29.9	.65	1.80	19.3
9- 6	do	30.0	.29	2.50	8.6
9-20	do	45.1	1.60	2.40	72.5
10-20	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## LOGAN CANAL—DOCKET 821

Diverted from North Platte River in Sec. 19, Twp. 20, Rge. 50 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
7-14	A. H. Atkins	.....	.....	.....	0.0
1925					
7-14	A. W. Hall	4.5	0.49	.....	2.2

## LOGAN CANAL—DOCKET 902

Diverted from Pumpkinseed Creek in Sec. 9, Twp. 19, Rge. 55 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1922					
7-12	Finley and Palmer	2.8	1.10	.....	3.1
1925					
7- 6	C. E. Franklin	1.0	0.70	.....	0.7
1926					
7-29	C. E. Franklin	4.8	1.17	1.80	5.6
1927					
8-16	C. E. Franklin	.....	.....	.....	0.0
1928					
7- 6	W. F. Chaloupka	.....	.....	.....	2.5
9-25	C. E. Franklin	1.6	1.18	.....	1.9

## LONERGAN CANAL—DOCKET 699

Diverted from Lonerган Creek in Sec. 17, Twp. 15, Rge. 39 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1922					
7-21	A. E. Johnston	.....	.....	.....	0.0
1923					
5-17	A. E. Johnston	.....	.....	.....	0.0
7-26	A. H. Atkins	.....	.....	.....	.0
1924					
6-17	A. E. Johnston	2.1	0.57	.....	1.2
1925					
5-19	A. E. Johnston	.....	.....	.....	0.0
6- 2	do	3.1	0.78	.....	2.4
1926					
5-20	A. E. Johnston	1.3	1.20	.....	1.5
8- 9	do	4.1	.49	.....	2.0
9- 2	do	.....	.....	.....	.0

## LUNDY POWER PLANT—DOCKET 1024—APPLICATION 1224

Diverted from Middle Loup River in Sec. 4, Twp. 19, Rge. 19 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
9-30	A. E. Johnston	103.0	0.93	.....	96.0
10-21	do	99.0	.87	.....	86.0
12- 1	do	.....	.....	.....	.0
1928					
5-22	A. E. Johnston	83.4	0.81	.....	67.1
10-12	do	85.7	.53	.....	45.9

## MEASUREMENTS OF CANALS—Continued

## LYNGHOLM CANAL—DOCKET 337

Diverted from Lodgepole Creek in Sec. 14, Twp. 14, Rge. 51 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
7- 9	C. E. Franklin	0.4	0.70	.....	0.3
<b>1926</b>					
4-22	C. E. Franklin	1.6	1.24	.....	2.0
6-11	Franklin and Gardner	.3	.73	0.10	.2
7- 2	C. E. Franklin	.6	1.06	.25	.6
8- 4	do	12.8	1.96	.53	2.5
8-26	do	.6	1.40	.22	.8
<b>1927</b>					
4- 5	C. E. Franklin	.....	.....	.....	0.0
4-27	do	.....	.....	.....	.0
5-26	do	1.4	2.30	0.58	3.2
7-19	do	.3	.68	.10	.2
8- 5	do	1.5	1.54	.58	2.3
8-18	do	1.4	1.57	.55	2.2
9- 2	do	1.5	1.60	.61	2.4
9-27	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	C. E. Franklin	1.6	2.31	0.75	3.6
6- 8	do	.7	1.20	.40	.8
7- 2	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	1.2	2.08	.64	2.5
9-18	do	1.4	2.00	.73	2.9
9-28	do	1.5	2.27	.80	3.4

## LYONS CANAL—DOCKET 803

Diverted from North Platte River in Sec. 30, Twp. 17, Rge. 44 W.

<b>1919</b>					
6-26	Earl North	11.2	0.53	1.70	5.9
8- 4	do	.....	.00	.....	.....
8- 6	T. C. Palmer	.....	.03	.....	.....
9-10	Earl North	30.5	1.37	2.80	42.0
9-13	do	26.4	1.33	2.80	35.1
<b>1920</b>					
8- 7	G. K. Baumgartner	29.7	0.41	1.55	12.2
8-12	do	23.4	.44	1.20	10.5
8-25	do	22.3	.48	1.20	10.8
9- 1	T. C. Palmer	19.6	.79	1.80	15.6
<b>1921</b>					
7- 5	A. H. Atkins	8.3	1.96	.....	16.3
7-20	do	33.3	1.33	1.90	44.3
7-26	do	25.7	1.00	1.91	25.6
8-10	do	19.2	1.60	2.10	30.8
8-22	do	23.0	.52	1.70	12.1

## MEASUREMENTS OF CANALS—Continued

LYONS CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6-16	A. E. Johnston	11.6	0.55	0.80	6.4
6-30	do	16.8	.60	1.20	10.1
7-13	do	13.0	.53	1.20	7.0
8- 3	do	11.2	.27	.80	3.1
8-17	do	15.4	.89	1.40	13.8
9- 2	do	20.9	.66	1.50	13.8
9-25	do	19.2	.75	1.35	14.5
<b>1923</b>					
5-16	A. E. Johnston	0.0	0.00	.....	0.0
6-27	do	.0	.00	.....	.0
7- 5	E. F. Ketcham	13.4	.58	0.40	7.9
7-21	A. E. Johnston	27.7	.43	1.90	12.0
7-23	A. H. Atkins	23.2	.92	.95	21.4
8-24	do	.0	.00	.....	.0
9-11	A. E. Johnston	20.4	.68	.70	13.9
9-25	A. H. Atkins	.0	.00	.....	.0
<b>1924</b>					
6-13	A. E. Johnston	.....	.....	.....	0.0
7-15	do	16.8	1.01	.....	17.1
7-25	do	13.9	.90	.....	12.5
8- 1	C. G. Hrubesky	2.2	.29	2.00	6.5
8-15	do	21.5	.37	2.10	7.9
8-27	A. E. Johnston	15.4	.84	.....	12.9
9- 2	C. G. Hrubesky	15.8	.64	.82	10.2
<b>1925</b>					
5-20	A. E. Johnston	8.9	1.28	.....	11.4
6- 2	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-24	do	18.0	.26	0.50	6.9
7-10	do	.....	.....	.....	.0
7-14	do	35.6	.70	1.45	25.0
7-24	do	33.2	.71	1.50	23.7
8- 3	do	29.4	1.04	.....	30.7
8-25	do	22.9	.97	1.45	22.1
9-26	do	10.8	.56	.30	6.1
<b>1926</b>					
5-21	A. E. Johnston	9.3	1.12	1.40	8.3
6-15	do	.....	.....	.....	.0
6-29	do	15.9	.35	1.80	5.5
7-24	do	18.0	.77	3.30	13.9
8-10	do	13.3	1.02	1.95	13.6
8-19	do	.....	.....	.....	.0
9- 3	do	13.0	1.10	2.10	14.3
10- 1	do	.....	.....	.....	.0
<b>1927</b>					
6-27	A. E. Johnston	32.1	0.56	2.55	17.9
7-28	do	42.0	.56	2.95	23.6
8- 4	do	.....	.....	1.25	.0
8-25	do	22.2	.32	2.50	7.1
9-14	do	16.2	.70	2.20	11.3

## MEASUREMENTS OF CANALS—Continued

LYONS CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
4-27	A. E. Johnston	.....	.....	.....	0.0
6- 2	do	22.4	0.81	1.80	18.2
6- 5	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
9- 6	do	29.3	.84	2.50	24.6
9-20	do	23.2	.37	2.25	8.6
10-20	do	.....	.....	.....	.0

## McAULIFFE CANAL—DOCKET 814

Diverted from Lodgepole Creek in Sec. 21, Twp. 13, Rge. 45 W.

1924					
9-15	C. G. Hrubesky	.....	.....	.....	0.0
1926					
7-10	C. E. Franklin	6.5	0.25	0.91	1.6
8- 6	do	.....	.....	.37	.0
1927					
4-11	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
1928					
6-16	C. E. Franklin	.....	.....	.....	0.0
9-29	do	.....	.....	.....	.0

## McAULIFFE CANAL—APPLICATION 1559

Diverted from Lodgepole Creek in Sec. 21, Twp. 13, Rge. 45 W.

1927					
4-28	C. E. Franklin	.....	.....	.....	0.0

## McCARTHY CANAL—DOCKET 749

Diverted from White Tail Creek in Sec. 36, Twp. 15, Rge. 38 W.

1922					
6-19	A. E. Johnston	2.0	1.20	.....	2.4
1923					
5-17	A. E. Johnston	.....	.....	.....	0.0
8-10	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
1924					
5-21	A. E. Johnston	1.2	0.69	.....	0.8
6-14	do	.....	.....	.....	.0
7-16	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8- 2	C. G. Hrubesky	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
9- 1	do	.3	.70	.....	.2

## MEASUREMENTS OF CANALS—Continued

McCARTHY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-19	A. E. Johnston	1.7	0.88	.....	1.5
6- 5	do	1.4	.86	.....	1.2
6-26	do	.8	.75	.....	.6
7- 9	do	.2	.29	.....	.1
7-22	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-24	do	.....	.....	.....	.0
<b>1926</b>					
5-20	A. E. Johnston	4.3	1.79	.....	7.7
6-14	do	2.4	.50	.....	1.2
6-28	do	3.6	.44	.....	1.6
7-23	do	.....	.....	.....	.0
7-30	do	.5	1.00	.....	.5
8-20	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1927</b>					
5-20	A. E. Johnston	.....	.....	.....	0.0
6-14	do	0.6	0.41	.....	.3
6-29	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9-15	do	.....	.....	.....	.0
<b>1928</b>					
4-25	A. E. Johnston	.....	.....	.....	0.0
5-31	do	.....	.....	.....	.0
6-28	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
10-18	do	.....	.....	.....	.0

## McDONALD CANAL—APPLICATION 644

Diverted from Republican River, South Fork, in Sec. 36, Twp. 1, Rge. 38 W.

<b>1921</b>					
5-19	Palmer and Bailey	4.7	0.65	.....	3.1
<b>1925</b>					
5-26	C. E. Franklin	2.4	1.00	.....	2.4
6-10	Franklin and Whitehead	1.5	.96	.....	1.4
8-10	C. E. Franklin	.....	.....	.....	.0
8-22	do	2.4	.36	.....	.9
9- 6	do	.....	.....	.....	.0
9-24	do	.....	.....	.....	.0
<b>1926</b>					
5-18	A. E. Johnston	3.9	0.55	.....	2.2
5-27	C. E. Franklin	3.0	.66	.....	2.0
6-16	do	5.0	.76	0.60	3.8



## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

McDONALD CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
6-28	C. E. Franklin	3.3	0.72	0.40	2.4
7-15	do	.....	.....	.....	.0
8- 9	do	.....	.....	.....	.0
<b>1927</b>					
4-20	C. E. Franklin	.....	.....	.....	0.0
5- 3	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-27	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9- 8	do	.....	.....	.....	.0
10- 6	do	.....	.....	.....	.0
<b>1928</b>					
5-24	C. E. Franklin	.....	.....	.....	0.0
6-19	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-30	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9-12	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0
<b>McFARLAND CANAL—DOCKET 960</b>					
Diverted from White Clay Creek in Sec. 35, Twp. 32, Rge. 52 W.					
<b>1924</b>					
8-20	A. E. Johnston	0.4	0.91	.....	0.4
<b>1925</b>					
4-28	A. E. Johnston	1.6	1.55	.....	2.5
5-26	do	.....	.....	.....	.0
6-20	do	.....	.....	.....	.0
7-28	do	2.2	1.72	.....	3.8
8-17	do	.....	.....	.....	.0
9- 9	do	.8	.54	.....	.4
<b>1926</b>					
5- 5	A. E. Johnston	.....	.....	0.40	1.7
5-26	do	.....	.....	.....	.0
7- 7	do	.....	.....	.55	2.8
9-13	do	.....	.....	.....	.0
<b>1927</b>					
5-25	A. E. Johnston	.....	.....	.....	0.0
6-22	do	.....	.....	.....	.0
8- 1	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
<b>1928</b>					
5- 3	A. E. Johnston	.....	.....	0.35	1.4
7- 3	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.1
10-25	do	.....	.....	.....	.0

MEASUREMENTS OF CANALS—Continued

McGINLEY-STOVER CANAL—DOCKETS 513a, 513b  
 Diverted from Niobrara River in Sec. 25, Twp. 29, Rge. 56 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
9- 4	Johnston and Eyerly	1.4	0.64	.....	0.9
9-26	A. E. Johnston	-----	-----	-----	.0
<b>1923</b>					
5-17	A. E. Johnston	-----	-----	-----	0.0
6-29	do	-----	-----	-----	.0
7-26	A. H. Atkins	0.4	0.09	-----	4.0
8-27	do	-----	-----	-----	.0
9-27	do	-----	-----	-----	.0
<b>1925</b>					
4-29	A. E. Johnston	3.5	1.00	-----	2.5
5-27	do	6.2	1.31	-----	8.1
6-19	do	5.6	.96	-----	5.4
8-18	do	8.9	.66	-----	5.9
9-10	do	10.0	.51	-----	5.1

McGINLEY-STOVER NORTH SIDE CANAL—DOCKET 513a  
 Diverted from Niobrara River in Sec. 25, Twp. 29, Rge. 56 W.

<b>1926</b>					
5- 4	A. E. Johnston	4.4	1.27	-----	5.6
5-25	do	5.2	1.32	-----	6.9
7- 4	do	-----	-----	-----	.0
9-11	do	-----	-----	-----	.0
<b>1927</b>					
5-24	A. E. Johnston	-----	-----	-----	0.0
6-21	do	-----	-----	-----	.0
8-30	do	-----	-----	-----	.0
<b>1928</b>					
5- 1	A. E. Johnston	-----	-----	-----	0.0
8-15	do	-----	-----	-----	.0
9-25	do	-----	-----	-----	.0
10-23	do	-----	-----	-----	.0

McGINLEY-STOVER SOUTH SIDE CANAL—DOCKET 513b  
 Diverted from Niobrara River in Sec. 25, Twp. 29, Rge. 56 W.

<b>1926</b>					
5- 4	A. E. Johnston	2.0	1.10	-----	2.2
5-25	do	2.2	1.32	-----	2.9
7- 4	do	2.0	1.45	-----	2.9
9-11	do	-----	-----	-----	.0
<b>1927</b>					
6-21	A. E. Johnston	-----	-----	-----	0.0
8-30	do	-----	-----	-----	.0
<b>1928</b>					
5- 1	A. E. Johnston	-----	-----	-----	0.0
8-15	do	-----	-----	-----	.0
9-25	do	-----	-----	-----	.0

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

## McINTOSH CANAL—DOCKET 351

Diverted from Lodgepole Creek in Sec. 29, Twp. 15, Rge. 55 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
9-10	C. G. Hrubesky	.....	.....	.....	0.0
<b>1925</b>					
6- 4	C. E. Franklin	2.4	1.08	.....	2.6
6-19	do	2.2	1.15	.....	2.5
7- 8	do	2.0	1.45	.....	2.9
8- 5	do	.....	.....	.....	.0
<b>1926</b>					
6- 7	C. E. Franklin	2.6	1.49	0.80	3.8
7- 3	do	2.9	1.42	.80	4.1
7-31	do	2.9	.92	.95	2.7
8-13	do	4.2	.90	1.15	3.8
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
8- 5	do	0.9	0.55	0.45	.5
8-17	do	2.3	1.35	.82	3.1
9- 1	do	.....	.....	.....	.0
<b>1928</b>					
6- 7	C. E. Franklin	.....	.....	.....	0.0
7-20	do	.....	.....	.....	.0
8-15	do	1.1	1.73	0.90	1.9
8-24	do	2.0	.74	.95	1.5
9-17	do	3.3	.70	1.20	2.3
9-28	do	.....	.....	.....	.0

## McLAUGHLIN CANAL—DOCKET 566

Diverted from Niobrara River in Sec. 9, Twp. 28, Rge. 52 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
6- 4	A. E. Johnston	0.2	1.19	.....	2.2
8-15	do	1.5	1.77	.....	2.7
<b>1925</b>					
5-27	A. E. Johnston	.....	.....	.....	0.0
6-19	do	.....	.....	.....	.0
8-18	do	2.9	2.55	.....	1.6
9-10	do	4.4	.50	.....	2.2
<b>1926</b>					
9-11	A. E. Johnston	0.8	0.25	.....	0.2
<b>1927</b>					
6-20	A. E. Johnston	5.2	0.94	.....	4.9
8-30	do	.7	.71	.....	.5
<b>1928</b>					
5- 1	A. E. Johnston	3.6	1.11	.....	3.9
8-15	do	.....	.....	.....	3.0
9-25	do	.6	.16	.....	.1
10-23	do	4.2	.93	.....	3.9

## MEASUREMENTS OF CANALS—Continued

## McLAUGHLIN CANAL—DOCKET 966

Diverted from Lodgepole Creek in Sec. 25, Twp. 14, Rge. 48 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
9-13	C. G. Hrubesky	0.6	0.42	.....	0.2
<b>1925</b>					
5- 6	C. E. Franklin	2.2	1.10	.....	2.4
6-20	do	.....	.....	.....	.0
7-10	do	.7	.27	.....	.2
<b>1926</b>					
4-14	C. E. Franklin	3.8	0.26	.....	1.0
5-12	do	.....	.....	.....	.0
6-10	do	2.9	.31	0.80	.9
6-24	do	2.4	.34	.80	.8
7- 9	do	3.1	.90	1.00	2.8
8- 5	do	2.7	.63	.90	1.7
8-18	do	3.9	.95	1.00	3.7
9- 2	do	.....	.....	.....	.0
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	6.0	2.30	1.30	13.8
7-20	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 7	C. E. Franklin	.....	.....	.....	0.3
5-31	do	.....	.....	.....	.0
6- 9	do	.....	.....	.....	.0
7- 3	do	.....	.....	.....	.0
7-24	do	6.3	1.30	.....	8.2
8-13	do	.....	.....	.....	.0
8-15	do	7.6	.39	.....	3.0
9- 5	do	.6	.33	.....	.2
9-18	do	.8	.56	.....	.4
9-26	do	.9	.75	.....	.7

## MADDOX CANAL—APPLICATION 918

Diverted from Buckham Springs in Sec. 3, Twp. 14, Rge. 36 W.

<b>1928</b>					
9- 4	A. E. Johnston	.....	.....	.....	0.0

## MALTESE CROSS CANAL—APPLICATION 454

Diverted from Lodgepole Creek in Sec. 36, Twp. 15, Rge. 57 W.

<b>1926</b>					
5-25	C. E. Franklin	1.0	0.50	.....	0.5
6- 7	Franklin and Hanna	1.9	.32	0.70	.6

## MEASUREMENTS OF CANALS—Continued

MALTESE CROSS CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
7- 3	C. E. Franklin	0.9	1.06	0.66	0.9
7-30	do	.5	.80	.53	.4
8-14	do	.6	.75	.60	.5
8-28	do	.2	1.13	.35	.2
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-11	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
7-16	do	.....	.....	.....	†.5
8- 4	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.3
8-22	A. W. Hall	0.5	1.29	0.65	.6
9- 1	C. E. Franklin	1.3	.28	.62	.4
9-26	do	.....	.....	.....	.0
<b>1928</b>					
6- 6	C. E. Franklin	.....	.....	.....	0.0
6-29	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9-16	do	.....	.....	.....	†.5
9-27	do	.....	.....	.....	.0
<b>MARANVILLE CANAL—DOCKETS 70, 71</b>					
Diverted from Frenchman River in Sec. 12, Twp. 6, Rge. 41 W.					
<b>1919</b>					
7-14	Bailey and Palmer	4.9	0.52	1.30	2.6
<b>1921</b>					
5-17	T. C. Palmer	2.1	0.84	0.40	1.7
8-24	Palmer and Bailey	8.2	.71	1.40	5.8
<b>1922</b>					
6-23	T. C. Palmer	6.6	3.81	1.20	5.2
7- 8	do	9.4	.78	1.30	7.3
8- 3	Palmer and Strong	7.2	.84	1.20	6.1
8-23	Johnston and Strong	7.2	.67	1.20	4.8
<b>1923</b>					
1- 5	A. E. Johnston	3.6	0.61	.....	2.2
2- 6	do	3.1	.66	.....	2.1
2-24	do	2.4	.63	.....	1.5
3-22	do	3.0	.54	.....	1.6
4-17	do	2.4	.60	.....	1.5
6-11	E. F. Ketcham	.0	.00	.....	.0
6-23	A. E. Johnston	7.0	.20	1.20	1.4
7-17	do	8.1	.89	1.40	7.3
8- 3	do	7.7	.87	—	6.8

†Estimated.

## MEASUREMENTS OF CANALS—Continued

MARANVILLE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
8-25	E. F. Ketcham	0.0	0.00	.....	0.0
9-20	A. E. Johnston	8.7	.60	1.50	5.3
10-11	do	4.4	.38	.90	1.7
<b>1924</b>					
2-26	A. E. Johnston	2.5	0.65	.....	1.6
4- 3	do	2.0	.62	.....	1.3
4-30	do	6.7	.54	.....	3.6
6- 2	do	8.0	.97	.....	7.9
6-27	do	6.4	.34	1.20	2.2
8- 6	do	7.9	1.65	.....	4.8
9- 4	do	8.4	.52	.....	4.4
<b>1925</b>					
5-13	C. E. Franklin	5.7	0.86	.....	4.9
6- 8	do	6.8	.53	.....	3.6
6-23	do	9.3	.94	.....	8.7
7-12	do	8.6	.58	.....	5.0
7-14	Franklin and Whitehead	9.6	.49	.....	4.7
7-23	do	8.5	.61	.....	5.1
7-26	C. E. Franklin	.....	.....	.....	.0
8- 6	do	9.8	.47	1.00	4.6
8-19	do	13.4	.86	1.58	11.5
9- 2	do	9.2	.76	.87	7.0
9-17	do	9.2	.63	.83	5.7
10-14	A. E. Johnston	4.3	.24	.....	1.1
11-17	do	4.7	.24	.....	1.1
<b>1926</b>					
4-29	C. E. Franklin	.....	.....	0.20	0.1
5-14	do	8.8	0.57	.96	5.0
5-31	do	9.4	.55	1.10	5.2
6-14	do	9.4	.41	1.09	3.9
6-26	do	10.0	.41	1.25	4.1
7-13	do	11.0	.49	1.43	5.4
8- 7	do	10.4	.29	1.26	3.0
8-23	do	10.6	1.42	1.20	4.5
10-13	do	.....	.....	1.10	1.6
11- 4	do	.....	.....	1.25	2.4
<b>1927</b>					
4-18	C. E. Franklin	.....	.....	.....	0.0
4-29	do	.....	.....	.....	.0
5-14	do	4.0	1.00	0.93	4.1
5-27	do	5.8	.67	1.23	3.9
6-28	do	5.4	.19	1.25	.9
7- 8	do	7.3	.89	1.43	6.5
7-11	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-22	do	6.7	.28	1.24	1.9
8- 6	do	8.7	.37	1.62	3.3

†Estimated.

MEASUREMENTS OF CANALS—Continued

MARANVILLE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
8-20	C. E. Franklin	8.6	0.53	1.67	4.5
9- 4	do	8.9	.62	1.53	5.5
9-30	do	.....	.....	.....	.0
11- 3	do	4.4	.25	1.00	1.1
11-27	do	5.0	.22	1.04	1.1
12-20	do	5.0	.12	.....	.7
<b>1923</b>					
1-21	C. E. Franklin	1.8	0.24	0.70	0.4
2-14	do	3.0	.18	.70	.5
3- 5	do	2.8	.17	.66	.5
3-21	do	2.7	.28	.74	.8
4- 9	do	2.0	.15	.64	.3
5-17	do	9.9	.72	1.43	7.1
6-20	do	10.8	2.06	.....	22.2
7-12	do	.3	.66	.....	.2
7-26	do	.9	.78	.....	.7
8-14	do	2.0	.30	.....	.6
9- 7	do	7.7	.28	.....	2.2
9-19	do	7.9	.34	.....	2.7
9-20	do	9.8	.56	.....	5.5
10-18	do	.....	.....	.....	†2.0
11-21	do	.....	.....	.....	†.5

MAVERICK CANAL in Sec. 22, Twp. 6, Rge. 49 W.  
Colorado Diversion

<b>1925</b>					
5-14	C. E. Franklin	0.9	0.99	.....	0.8
6-24	do	.6	.67	.....	.4
7-12	do	.6	.75	.....	.5
8- 7	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
<b>1926</b>					
6-26	C. E. Franklin	.....	.....	.....	†0.2
7-13	do	.....	.....	.....	†.3
7-30	do	0.4	0.80	.....	.3
8- 7	do	.....	.....	.....	†.2
<b>1927</b>					
8- 3	C. E. Franklin	.....	.....	.....	0.0
8-17	do	4.3	0.65	1.10	2.8
9- 1	do	4.0	.41	1.00	1.7
<b>1928</b>					
5- 2	C. E. Franklin	.....	.....	.....	0.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

## MEEKER CANAL—DOCKETS 4-9-8-7

Diverted from Republican River in Sec. 15, Twp. 3, Rge. 31 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
7-16	T. C. Palmer	24.4	1.37	1.50	33.4
9- 5	do	2.1	1.59	.41	3.3
10-24	Palmer and Bailey	17.7	1.35	1.30	23.9
<b>1921</b>					
5-18	Palmer and Bailey	17.1	1.63	2.00	27.9
8-25	do	17.1	1.50	2.15	25.6
<b>1922</b>					
6-24	T. C. Palmer	11.4	1.38	1.40	15.8
7- 9	do	5.0	.92	.90	4.6
8- 2	Palmer and Strong	16.2	1.41	1.90	23.0
8-24	A. E. Johnston	23.7	1.43	1.60	33.0
10-29	do	27.4	1.38	1.75	37.9
<b>1923</b>					
4-16	A. E. Johnston	0.0	0.00	.....	0.0
6- 5	do	.0	.00	.....	.0
6-21	do	10.4	.70	1.25	7.3
7-24	A. H. Atkins	14.6	2.15	1.95	31.6
8-27	E. F. Ketcham	.0	.60	.....	.0
9-18	A. E. Johnston	7.4	1.08	1.20	8.1
10-12	do	4.3	.88	1.10	3.8
<b>1924</b>					
5-29	A. E. Johnston	16.6	1.69	2.00	28.1
6-25	do	15.1	1.65	2.10	25.0
7-10	Hall and Whitehead	11.0	1.06	1.60	11.7
8- 8	A. E. Johnston	19.8	1.77	3.20	35.1
9- 6	do	14.2	1.46	2.60	20.8
<b>1925</b>					
5-19	C. E. Franklin	12.3	1.38	1.64	17.0
6- 9	do	18.2	1.77	2.15	32.3
7-13	Franklin and Whitehead	18.9	1.67	2.17	31.7
7-18	do	16.0	1.63	1.91	26.0
8- 8	do	13.3	1.42	1.63	18.9
8-20	do	8.1	.85	1.14	6.9
9- 4	do	15.8	1.45	1.84	22.9
9-19	do	12.4	1.28	1.46	15.9
10-12	A. E. Johnston	11.5	1.30	1.55	15.0
<b>1926</b>					
4-17	C. E. Franklin	12.3	1.31	1.44	16.1
5- 3	do	18.5	1.95	2.30	36.2
5-15	do	17.5	1.62	1.01	28.3
5-29	do	18.7	1.57	2.08	29.5
6-17	do	18.5	1.65	2.20	30.5
6-29	do	16.9	1.76	.....	30.2
7-14	do	20.3	1.73	2.23	35.1
8- 8	Franklin and Whitehead	14.4	1.85	2.00	26.3
8-21	C. E. Franklin	13.5	1.46	1.52	19.7



## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

MEEKER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-18	C. E. Franklin	.....	.....	.....	0.0
4-30	do	.....	.....	.....	.0
5-16	do	12.6	1.54	1.75	19.4
5-28	do	15.9	1.48	1.75	23.6
6-26	do	14.3	1.52	1.51	21.8
7- 9	do	18.1	1.56	2.04	28.2
7-25	do	18.0	1.77	2.04	31.9
8- 7	do	17.4	1.73	1.94	30.2
8-23	do	13.4	1.36	1.60	18.3
9- 7	do	14.7	1.89	1.80	27.8
10- 4	do	10.4	1.22	1.30	13.0
<b>1928</b>					
5-22	C. E. Franklin	10.1	1.25	1.24	12.7
6-21	do	1.7	.17	.53	.3
7-14	do	6.2	.64	.88	4.0
7-27	do	.....	.....	.....	†3.0
8-15	do	18.1	1.59	1.94	28.7
9- 8	do	18.2	1.64	2.10	29.8
9-20	do	21.2	1.64	2.28	34.7
10- 1	do	16.8	1.48	1.86	24.9
10-20	do	.....	.....	.....	.0

## MEGLEMRE CANAL—APPLICATIONS 294, 853

Diverted from Greenwood Creek in Sec. 3, Twp. 18, Rge. 50 W.  
Measurements made at rating flume

<b>1919</b>					
6-27	W. F. Chaloupka	1.3	0.72	.....	1.0
8-13	do	.8	.43	.....	.3
<b>1920</b>					
6-22	T. C. Palmer	0.9	1.48	0.30	1.3
6-26	do	1.2	2.00	.40	2.4
7- 3	do	1.1	1.85	.35	2.0
8-20	do	1.0	1.86	.33	1.9
8-27	G. K. Baumgartner	.9	1.90	.30	1.7
9- 3	T. C. Palmer	1.7	.29	.55	4.7
<b>1921</b>					
7-23	W. F. Chaloupka	1.2	1.30	0.48	1.6
7-30	do	.9	.74	.35	.6
8- 6	do	1.2	1.35	.40	1.6
8-13	do	1.6	1.40	.40	2.2
8-19	do	1.1	1.18	.42	1.3
9- 2	do	.3	.51	.10	1.5
9-17	T. C. Palmer	.5	.42	.20	.2

†Estimated.

## MEASUREMENTS OF CANALS—Continued

MEGLEMRE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
7- 1	T. C. Palmer	0.9	0.88	0.28	0.8
7- 5	A. H. Atkins	1.2	2.20	.42	2.6
7- 8	do	1.2	2.67	.40	3.2
7-15	do	.6	1.00	.23	.6
7-22	do	.9	1.60	.30	1.5
7-29	do	1.1	2.00	.35	2.2
8- 8	do	.2	.60	.19	.1
<b>1923</b>					
7-16	A. H. Atkins	0.0	0.00	.....	0.0
8-21	E. F. Ketcham	.9	.14	0.30	1.2
<b>1924</b>					
8-22	A. E. Johnston	1.5	3.80	0.50	5.7
9-12	do	1.1	2.35	.37	2.5
<b>1925</b>					
6-12	A. W. Hall	1.7	2.94	0.60	5.0
6-25	do	1.9	4.10	.70	7.8
8-17	do	.....	.....	.....	*.....
9-12	A. E. Johnston	.....	.....	.....	.0
*Dam washed out.					
<b>1926</b>					
6- 6	A. W. Hall	1.1	1.65	0.35	1.7
7- 6	do	.....	.....	.....	*.0
7-19	do	1.6	2.94	.52	4.7
7-27	A. E. Johnston	1.5	3.10	.45	4.7
8- 9	A. W. Hall	.8	1.47	.25	1.1
8-17	A. E. Johnston	1.7	3.92	.60	6.6
9-17	A. W. Hall	.....	.....	.....	.0
*Dam washed out July 1.					
<b>1927</b>					
6- 7	A. W. Hall	.....	.....	.....	0.0
6-22	do	.....	.....	.....	.0
6-25	A. E. Johnston	.....	.....	.....	.0
7-21	A. W. Hall	1.4	3.78	0.52	5.3
8-23	do	.9	2.00	.30	1.8
<b>1928</b>					
5- 7	A. W. Hall	0.9	1.89	.....	1.7
5-26	do	1.2	2.84	.....	3.4
6-20	do	.6	1.83	0.25	1.1
8- 1	do	.6	1.33	.20	.8
9-12	do	.....	.....	.10	†.5

†Estimated.

## MEASUREMENTS OF CANALS—Continued

## MEREDITH CANAL, EAST—DOCKET 876

Diverted from Pumpkinseed Creek in Sec. 13, Twp. 19, Rge. 50 W.  
Measurements made one-fourth mile below dam.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1919					
7- 1	W. F. Chaloupka	2.0	0.82	.....	1.6
7- 7	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
7-21	do	.4	.73	.....	.3
7-28	do	3.9	.95	.....	3.7
8- 4	do	1.8	1.00	.....	1.8
8-11	do	1.2	.99	.....	1.2
9-21	T. C. Palmer	.....	.....	.....	.0

## MEREDITH CANAL, WEST—DOCKET 876

Diverted from Pumpkinseed Creek in Sec. 13, Twp. 19, Rge. 50 W.  
Measurements made one-fourth mile below Guthrie dam

1919					
6- 9	W. F. Chaloupka	8.8	0.62	.....	5.5
6-16	do	5.1	.84	.....	4.3
6-21	do	9.9	1.02	.....	10.1
7- 1	do	1.1	.45	.....	.5
7- 7	do	1.1	.77	.....	.9
7-11	do	1.0	.58	.....	.6
7-21	do	3.0	.79	.....	2.4
7-28	do	11.0	.94	.....	10.3
8- 4	do	9.0	.90	.....	8.1
8-11	do	6.1	.89	.....	5.4
8-20	do	2.2	2.91	.....	6.3
8-20	do	1.9	2.47	.....	4.7
9-20	do	1.3	.90	.....	1.2

## MEREDITH-AMMER CANAL—DOCKET 876

Diverted from Pumpkinseed Creek in Sec. 23, Twp. 19, Rge. 50 W.

1921					
6-20	T. C. Palmer	2.5	0.76	.....	West 1.9
7-18	A. H. Atkins	2.9	1.34	.....	West 3.9
8-18	do	2.2	1.54	.....	East 3.4
8-18	do	3.1	2.64	.....	West 8.2
8-28	do	2.6	2.50	.....	West 6.5
8-28	do	2.0	1.30	.....	East 2.6

1922

7-18	A. H. Atkins	2.9	1.34	.....	4.0
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1923

7-16	A. H. Atkins	.....	.....	.....	0.0
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Note:—Dam washed out. Pending the reconstruction of the dam an exchange for Platte River water will be made and carried through the Belmont Canal.

## MERIDIAN CANAL—DOCKET 459—APPLICATION 469

Diverted from Niobrara River in Sec. 25, Twp. 29, Rge. 50 W.

1925

9-11	A. E. Johnston	5.8	1.72	.....	10.0
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## MEASUREMENTS OF CANALS—Continued

MERIDIAN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5- 4	A. E. Johnston	6.1	2.04	.....	12.4
5-25	do	.....	.....	.....	.0
7- 6	do	.....	.....	.....	.0
9-10	do	.....	.....	.....	.0
<b>1927</b>					
5-24	A. E. Johnston	.....	.....	.....	0.0
8-29	do	3.0	0.32	.....	1.0
9-20	do	3.5	.51	.....	1.8
11- 2	do	3.0	.30	.....	.9
<b>1928</b>					
4-30	A. E. Johnston	.....	.....	.....	0.0
7- 2	do	3.2	0.22	.....	.7
8-14	do	.....	.....	.....	†1.0
9-24	do	.....	.....	.....	.0
10-23	do	.....	.....	.....	.0

## METTLEN CANAL—APPLICATIONS 292, 1248

Diverted from Niobrara River in Sec. 4, Twp. 28, Rge. 54 W.

<b>1923</b>					
7-19	A. H. Atkins	2.9	0.92	.....	2.7
<b>1924</b>					
8- 1	Johnston and Heywood	.....	.....	.....	0.0
<b>1925</b>					
6-19	A. E. Johnston	2.5	1.52	.....	3.8
8-18	do	.....	.....	.....	.0
9-10	do	5.5	1.07	.....	5.9
<b>1926</b>					
9-11	A. E. Johnston	.....	.....	.....	0.0
<b>1927</b>					
5-24	A. E. Johnston	.....	.....	.....	0.0
6-20	do	5.0	2.26	.....	11.3
8-30	do	1.2	1.25	.....	1.5
<b>1928</b>					
8-15	A. E. Johnston	4.1	0.73	.....	3.0
9-25	do	4.0	.68	.....	2.7
10-23	do	.....	.....	.....	4.8

## MIDLAND-OVERLAND CANAL—DOCKETS 789, 791

Diverted from North Platte River in Sec. 2, Twp. 16, Rge. 44 W.

<b>1921</b>					
6-28	A. E. Johnston	10.5	1.67	1.90	17.6
7-27	do	10.5	1.63	1.85	17.1
8- 5	do	3.5	1.63	.....	5.7
8-25	do	1.6	.88	.....	1.4
9-16	do	1.4	.64	.....	.9

†Estimated.

## MEASUREMENTS OF CANALS—Continued

MIDLAND-OVERLAND CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
6-28	A. E. Johnston	0.0	0.00	.....	0.0
7- 6	E. F. Ketcham	5.2	.64	.....	3.3
<b>1924</b>					
6-13	A. E. Johnston	.....	.....	.....	0.0
7-15	do	20.8	0.85	.....	17.9
7-25	do	23.4	.82	.....	19.1
8- 1	C. G. Hrubesky	10.4	1.25	.....	13.1
8-27	A. E. Johnston	13.2	.59	.....	7.8
9- 2	C. G. Hrubesky	.....	.....	.....	11.0
<b>1925</b>					
5-20	A. E. Johnston	4.2	1.71	.....	7.2
6- 2	do	11.2	1.71	1.50	19.1
6-25	do	.....	.....	.....	.0
7-10	do	14.0	1.30	1.80	18.2
7-14	do	18.1	1.77	1.40	32.0
7-23	do	12.5	1.65	1.00	20.6
8- 4	do	9.8	1.43	1.50	14.0
8-25	do	7.1	1.11	.80	7.9
9-26	do	10.6	1.45	1.70	15.4
<b>1926</b>					
6-15	A. E. Johnston	10.2	0.81	1.90	8.3
6-29	do	6.6	.79	1.20	5.2
7-24	do	.....	.....	.40	.0
8-10	do	7.4	1.09	1.20	8.1
8-19	do	5.2	1.40	1.35	7.3
9- 3	do	3.2	1.09	1.05	3.5
9-30	do	4.2	.67	1.20	2.8
<b>1928</b>					
4-26	A. E. Johnston	8.3	1.79	1.55	14.8
6- 1	do	5.3	1.52	1.20	8.1
6- 6	do	3.0	1.03	.80	3.1
6-29	do	.....	.....	.....	.0
7-20	do	1.7	.94	.70	1.6
7-24	do	3.9	.82	.90	3.2
8-10	do	1.8	.61	.70	1.1
9- 5	do	9.4	1.26	1.95	11.8
9-19	do	8.5	1.03	1.55	8.8
10-19	do	.....	.....	1.30	8.5

## MILLER CANAL—DOCKET 740

Diverted from Skunk Creek in Sec. 17, Twp. 14, Rge. 37 W.

<b>1924</b>					
6-14	A. E. Johnston	.....	.....	.....	0.0
<b>1925</b>					
6- 5	A. E. Johnston	1.2	0.33	.....	1.0
6-26	do	2.7	.37	.....	1.0
8- 5	do	1.0	.60	.....	.6

## MEASUREMENTS OF CANALS—Continued

MILLER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5-20	A. E. Johnston	.....	.....	.....	1.5
8-20	do	.....	.....	.....	.0
<b>1927</b>					
6-29	A. E. Johnston	1.0	1.20	.....	1.2
7-15	do	.5	.82	.....	.5
9-15	do	.9	1.00	.....	.9
<b>1928</b>					
5-31	A. E. Johnston	1.4	1.21	.....	1.7
6- 7	do	1.2	1.31	.....	1.6
6-28	do	.8	.90	.....	.7
6-28	do	.2	.50	.....	.1
7-19	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
10-18	do	.....	.....	.....	.0

## MINATARE CANAL—DOCKET 919

Diverted from North Platte River in Sec. 32, Twp. 22, Rge. 54 W.

<b>1919</b>					
5-28	T. C. Palmer	17.5	2.23	0.70	39.1
6-10	do	29.5	2.03	1.15	59.9
6-25	do	26.0	2.13	1.05	55.5
6-30	do	19.9	2.05	.85	40.7
7-21	do	.....	.....	.....	.0
7-25	do	45.0	2.07	1.80	93.4
7-28	do	40.0	2.13	1.60	85.4
9- 3	do	27.5	2.06	1.10	56.6
<b>1920</b>					
6- 9	T. C. Palmer	35.2	1.25	1.00	44.2
6-28	do	44.4	.98	1.55	43.6
7-13	do	52.5	1.15	1.20	60.3
7-27	do	28.5	2.56	1.20	73.1
8-16	do	14.7	2.00	.60	29.5
9- 8	do	16.1	2.26	.70	36.5
<b>1921</b>					
5-10	T. C. Palmer	24.4	2.47	1.00	60.1
6-20	do	31.5	2.29	1.25	72.1
7- 5	do	15.0	1.88	.60	28.3
7-11	*J. K. Rohrer	.....	.....	.....	60.0
8-18	T. C. Palmer	24.9	2.39	1.00	59.5
8-29	do	6.9	1.77	.30	12.2
9-26	do	5.0	1.26	.20	6.3
<b>1922</b>					
6- 7	T. C. Palmer	19.1	1.94	0.82	37.0
6-15	do	33.1	2.08	1.30	69.0
7-14	do	24.6	2.23	1.00	54.9
8-30	Fuering and Palmer	23.0	2.01	.92	46.4
9-28	T. C. Palmer	17.4	1.85	.70	32.3

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

MINATARE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-11	Ketcham and Johnston	0.0	0.00	.....	0.0
5-31	E. F. Ketcham	11.8	3.24	.....	38.3
6-18	do	.0	.00	.....	.0
7-11	A. E. Johnston	32.6	.93	1.70	30.3
7-26	do	33.6	1.23	.....	41.4
8-28	do	21.0	1.53	1.30	32.2
9-17	A. H. Atkins	28.1	1.90	1.00	53.7
9-21	do	24.4	1.55	.80	37.9
10- 3	A. E. Johnston	.0	.00	.....	.0
<b>1924</b>					
6- 6	A. E. Johnston	12.5	0.64	0.90	8.1
7-10	do	57.9	1.09	2.90	63.3
7-25	C. G. Hrubesky	37.8	1.58	1.20	59.9
8- 9	do	32.4	1.77	1.10	57.6
8-28	A. E. Johnston	58.0	1.30	2.90	75.9
9- 4	C. G. Hrubesky	35.6	1.75	1.25	62.2
9-19	A. E. Johnston	.....	.....	.....	.0
<b>1925</b>					
4-24	Johnston and Franklin	.....	.....	.....	0.0
5- 5	A. W. Hall	11.6	1.52	0.35	17.7
5-19	do	25.1	2.10	1.00	52.7
6- 4	do	20.7	1.98	.80	41.1
6-18	do	33.2	2.10	1.10	69.6
6-30	do	27.2	1.82	.85	49.5
7-30	do	20.6	1.53	.60	31.5
8-20	A. E. Johnston	26.2	1.36	1.40	35.6
9- 1	A. W. Hall	22.3	1.52	.70	34.0
9-30	A. E. Johnston	.....	.....	.....	.0
<b>1926</b>					
5-18	A. W. Hall	9.0	1.55	0.35	14.0
6- 4	do	25.8	2.00	1.00	51.8
7- 7	do	44.2	2.24	1.70	99.1
7-23	do	33.3	1.75	1.30	58.4
8-12	do	46.7	2.00	1.82	93.7
8-26	do	25.2	1.23	1.10	31.1
9-14	do	.....	.....	.....	.0
<b>1927</b>					
6-10	A. W. Hall	28.7	1.94	1.15	55.9
7- 9	do	43.0	1.91	1.65	82.2
7-22	do	41.1	1.95	1.70	80.0
8-26	do	26.4	1.14	1.10	30.2
9- 9	do	18.9	1.64	.90	31.1
<b>1928</b>					
5- 5	A. W. Hall	.....	.....	.....	0.0
5-18	do	.....	.....	.....	.0
6- 7	do	32.1	1.61	1.40	52.0
8- 2	do	27.6	1.24	1.30	34.2
8-23	do	35.1	1.69	1.60	59.3
8-29	do	29.1	1.53	1.50	44.6

MEASUREMENTS OF CANALS—Continued

MITCHELL CANAL—DOCKET 304

Diverted from Lodgepole Creek in Sec. 8, Twp. 14, Rge. 51 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
9-12	C. G. Hrubesky	.....	.....	.....	0.0
<b>1926</b>					
6-11	C. E. Franklin	5.2	0.09	1.00	0.5
7- 2	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
<b>1928</b>					
5- 4	C. E. Franklin	.....	.....	.....	0.0
6- 7	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>MITCHELL CANAL, ADJUDICATED IN WYOMING</b>					
Diverted from North Platte River in Wyoming					
Measured at Wyoming-Nebraska Line					
Sec. 3, Twp. 23, Rge. 60 W.					
<b>1917</b>					
5- 4	Swanson and Willis	15.9	.....	0.75	24.1
5-19	*J. K. Rohrer	.....	.....	1.90	107.0
5-29	S. A. Swanson	.....	.....	1.58	78.6
7-12	do	76.6	.....	2.69	161.4
7-20	*J. K. Rohrer	.....	.....	3.00	222.0
7-23	S. A. Swanson	.....	.....	2.91	188.4
8- 1	*J. K. Rohrer	.....	.....	3.22	228.0
8-16	D. P. Weeks, Jr.	76.3	2.42	2.70	185.1
8-29	do	83.6	2.00	2.65	176.8
9- 1	*J. K. Rohrer	.....	.....	2.60	163.0
9-11	do	.....	.....	2.73	177.0
9-21	do	.....	.....	2.34	134.0
<b>1918</b>					
4-20	Flynn and Palmer	15.8	1.42	1.00	22.5
5-16	Wade Flynn	28.4	2.00	1.47	57.0
5-30	do	59.6	2.20	2.38	131.1
6-22	do	76.7	2.31	2.94	177.5
7-12	do	78.1	2.47	3.00	193.5

\*U. S. R. S. Measurements.



## MEASUREMENTS OF CANALS—Continued

MITCHELL CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
7-25	Wade Flynn	77.8	2.40	3.05	187.2
8-17	do	73.4	2.09	2.85	153.6
8-30	do	64.6	2.16	2.66	139.7
8-31	do	44.3	2.03	2.00	90.4
9- 1	do	32.9	1.87	1.70	61.5
9-27	do	50.0	2.01	2.28	100.4
<b>1919</b>					
6-11	T. C. Palmer	77.3	2.17	3.00	167.8
6-17	do	73.2	2.28	2.90	167.2
6-24	do	60.7	2.11	2.55	128.4
7- 1	do	60.1	1.99	2.45	119.9
7-22	Woodman and Palmer	119.2	2.54	3.65	303.3
7-29	T. C. Palmer	109.3	2.34	3.50	255.9
8- 7	do	93.1	2.21	3.80	206.1
8-14	do	97.5	2.22	3.35	216.5
8-20	do	64.8	2.29	2.96	148.6
8-27	do	103.1	2.16	3.45	222.5
9- 1	do	116.2	2.23	3.65	259.7
9-10	do	82.0	2.18	3.10	173.8
9-23	do	.....	.....	.....	.0
<b>1920</b>					
6-10	T. C. Palmer	69.8	2.13	2.20	148.8
6-18	do	97.6	2.41	3.00	235.5
6-29	do	109.5	2.42	3.40	265.9
7-14	do	34.5	2.23	2.70	188.3
7-29	do	91.5	2.53	2.90	231.5
8-18	do	91.8	2.51	2.95	230.9
8-22	do	82.1	2.38	2.90	195.1
9- 9	do	86.8	2.50	2.90	217.3
9-24	*J. K. Rohrer	.....	.....	.95	16.0
<b>1921</b>					
4-30	T. C. Palmer	51.5	1.99	2.00	102.7
5-11	do	42.4	1.78	1.65	75.4
6- 8	Palmer and Atkins	27.1	1.48	1.30	40.2
7- 6	T. C. Palmer	85.2	2.31	2.95	196.6
7-11	*J. K. Rohrer	.....	.....	3.00	168.0
8-10	T. C. Palmer	96.0	2.43	3.30	233.7
8-20	do	98.6	2.57	3.50	252.7
8-31	do	87.5	2.51	3.20	219.6
9-28	do	44.3	1.87	2.10	82.6
<b>1922</b>					
5- 9	T. C. Palmer	28.8	1.67	1.00	48.7
6- 3	do	34.0	1.76	1.12	60.0
6-13	do	50.9	2.03	1.75	103.6
7-13	do	91.0	2.03	2.80	184.9
7-20	do	84.4	2.33	2.72	196.5
8-23	do	74.0	2.11	2.70	156.2

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

MITCHELL CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
8-28	Finley and Palmer	82.7	1.87	2.91	155.0
9-11	do	90.4	2.44	3.10	221.2
9-14	Palmer and Easterday	10.0	1.73	.70	17.3
9-18	T. C. Palmer	69.8	2.35	2.70	164.2
9-27	do	30.4	1.83	1.70	55.7
10- 4	A. E. Johnston	84.4	2.30	3.15	194.3
<b>1923</b>					
5- 8	Ketcham and Johnston	0.0	0.00	-----	0.0
5-29	E. F. Ketcham	76.1	2.36	2.90	179.9
6-15	do	98.9	2.58	3.60	256.0
7- 7	A. E. Johnston	101.5	2.47	3.50	250.8
7-27	do	52.8	3.04	1.60	159.7
8-14	E. F. Ketcham	49.8	1.36	2.00	67.9
8-25	A. E. Johnston	56.1	2.98	1.70	167.6
9-18	A. H. Atkins	56.3	2.66	1.76	149.9
9-22	do	46.2	2.97	1.40	137.6
9-29	A. E. Johnston	72.6	3.11	2.20	226.3
<b>1924</b>					
6- 9	A. E. Johnston	75.9	3.18	2.30	241.6
7- 2	do	79.2	2.82	2.40	223.5
7- 8	do	92.4	3.10	2.80	287.3
7-29	C. G. Hrubesky	98.4	2.96	3.00	288.6
8-12	do	72.4	3.33	2.23	242.4
8-29	A. E. Johnston	89.1	3.30	2.75	295.0
9- 6	C. G. Hrubesky	85.1	3.22	2.72	275.2
9-17	Johnston and Atkins	-----	-----	-----	132.4
<b>1925</b>					
4-23	Johnston and Franklin	16.3	2.16	0.70	35.1
5- 2	A. W. Hall	31.9	3.34	1.10	106.5
5-20	C. E. Franklin	58.6	3.44	1.89	201.3
5-21	A. W. Hall	27.6	1.87	1.30	51.5
6- 5	do	49.0	3.70	1.75	183.0
6-20	do	54.0	3.75	1.80	202.0
7- 2	do	73.1	4.22	2.30	309.0
7-11	Hall and Finley	52.0	3.92	2.00	203.8
7-21	A. W. Hall	61.0	3.36	2.05	205.0
7-31	do	55.0	3.56	1.85	196.5
8-21	A. E. Johnston	61.0	3.90	2.00	238.0
9- 3	A. W. Hall	57.0	3.48	1.97	198.0
9-29	A. E. Johnston	37.4	3.96	1.20	148.1
10-21	do	-----	-----	.40	.0
<b>1926</b>					
5- 5	A. W. Hall	49.4	2.71	1.70	134.0
5-20	do	57.0	3.53	1.85	201.2
6- 2	do	60.6	3.48	1.95	214.1
6-23	do	23.8	2.43	.95	57.9
7- 9	do	55.7	3.07	1.80	171.1
7-22	do	38.0	3.62	1.30	137.2

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

MITCHELL CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
8-13	A. W. Hall	30.1	3.64	1.10	109.8
8-27	do	59.9	3.82	2.10	229.3
9-15	do	29.8	3.25	1.10	96.8
<b>1927</b>					
3-30	A. E. Johnston	.....	.....	.....	0.0
5-25	A. W. Hall	21.6	3.09	0.80	66.8
6-16	do	53.6	4.20	1.90	224.3
7- 7	do	52.0	3.91	1.65	203.0
8- 4	do	25.9	3.38	1.00	87.7
8-26	do	53.2	4.36	1.90	232.9
9- 6	do	52.1	4.16	1.80	217.0
<b>1928</b>					
5- 3	A. W. Hall	25.3	2.44	0.55	61.9
5- 6	do	70.5	2.44	1.55	170.5
5-16	do	64.1	2.50	1.40	153.7
6- 8	do	47.8	2.54	1.05	121.6
6-30	do	13.6	2.16	.30	29.4
7- 6	do	68.2	2.49	1.50	170.0
7-14	do	86.4	2.57	1.88	222.2
8-11	do	84.4	2.84	1.90	230.1
8-22	do	88.7	2.59	1.95	241.8
9-10	do	68.3	2.61	1.55	178.3
10- 6	C. E. Franklin	77.2	2.95	1.76	227.8
10-13	A. W. Hall	70.6	2.95	1.60	209.1

## MONTAGUE CANAL—APPLICATION 575

Diverted from Niobrara River in Sec. 27, Twp. 29, Rge. 48 W.

<b>1925</b>					
4-30	A. E. Johnston	2.5	0.78	.....	1.9
5-28	do	.....	.....	.....	.0
6-22	do	1.8	.42	.....	.8
7-29	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0
9- 8	do	.....	.....	.....	.0
<b>1927</b>					
5-24	A. E. Johnston	.....	.....	.....	0.0
6-23	do	1.7	1.06	.....	1.8
7-30	do	.....	.....	.....	.0
8-29	do	.....	.....	.....	.0
9-20	do	.....	.....	.....	.0
<b>1928</b>					
4-30	A. E. Johnston	.....	.....	.....	0.0
7- 2	do	3.4	0.85	.....	2.9
8-14	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9-24	do	3.2	.14	.....	.1
10-23	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## MOORE CANAL—APPLICATION 88

Diverted from Niobrara River in Sec. 9, Twp. 28, Rge. 53 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5- 1	A. E. Johnston	2.0	1.25	.....	2.5
8-15	do	4.9	.57	.....	2.9
9-25	do	4.1	.78	.....	3.2
10-23	do	5.2	.69	.....	3.6

## MOZETER CANAL—DOCKET 1014

Diverted from Spring Creek in Sec. 13, Twp. 32, Rge. 52 W.

1924					
7-12	A. E. Johnston	1.2	0.77	.....	0.9
1925					
5-26	A. E. Johnston	1.5	1.33	.....	2.0

## MUTUAL CANAL—DOCKET 843

Diverted from Pumpkinseed Creek in Sec. 33, Twp. 19, Rge. 52 W.

1919					
7-24	W. F. Chaloupka	4.0	0.90	.....	3.6
1921					
8-20	W. F. Chaloupka	3.2	2.26	.....	7.3
1922					
7-10	A. H. Atkins	3.7	2.08	.....	7.7
7-31	do	1.6	2.18	.....	3.5
8-19	do	8.2	1.10	.....	9.1
1923					
7-12	A. H. Atkins	2.9	0.58	.....	1.7
8-20	do	.....	.....	.....	.0
8-31	E. F. Ketcham	.....	.....	.....	.0
9-26	A. E. Johnston	1.3	1.23	.....	1.6
1927					
6- 7	A. W. Hall	.....	.....	.....	0.0

## MUTZ CANAL—DOCKETS 608a, 608b

Diverted from Crooked Creek in Sec. 19, Twp. 34, Rge. 19 W.

1927					
5-31	A. E. Johnston	1.1	1.36	.....	1.5
1928					
5- 8	A. E. Johnston	1.3	1.11	.....	1.5

## NASLAND CANAL—APPLICATION 661

Diverted from Lodgepole Creek in Sec. 1, Twp. 12, Rge. 45 W.

1924					
6- 3	A. E. Johnston	3.6	0.99	.....	3.6
1925					
6-22	C. E. Franklin	3.9	0.38	.....	1.5

## MEASUREMENTS OF CANALS—Continued

NASLAND CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
6-13	C. E. Franklin	2.5	0.50	1.00	1.3
7-12	do	3.4	.16	1.22	.5
8- 6	do	.....	.....	.60	.0
9- 3	do	.....	.....	.....	.0
<b>1927</b>					
4-29	C. E. Franklin	.....	.....	.....	0.0
7-15	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

## NELSEN CANAL—DOCKET 845

Diverted from Greenwood Creek in Sec. 33, Twp. 13, Rge. 50 W.

<b>1919</b>					
6-27	W. F. Chaloupka	0.7	0.83	.....	0.6
8-13	do	1.2	.71	.....	.9
<b>1920</b>					
8-27	G. K. Baumgartner	0.5	0.23	0.50	0.1
<b>1921</b>					
5-28	W. F. Chaloupka	3.7	0.92	.....	3.4
8- 6	do	4.0	.43	1.70	1.7
8-13	do	1.9	.14	1.50	.3
8-19	do	.....	.....	.....	.0
<b>1922</b>					
7- 8	A. H. Atkins	2.1	1.09	1.05	2.3
7-15	do	1.5	1.93	.95	2.9
8- 8	do	2.7	1.62	1.45	4.4
<b>1923</b>					
7-16	A. H. Atkins	.....	.....	.....	0.0
8-21	E. F. Ketcham	.....	.....	.....	.0
<b>1924</b>					
9-12	A. E. Johnston	.....	.....	.....	0.0
<b>1927</b>					
6-22	A. W. Hall	.....	.....	.....	0.0
8-23	do	.....	.....	.....	.0
<b>1928</b>					
8- 1	A. W. Hall	.....	.....	.....	0.0
9-12	do	4.0	0.25	.....	1.0

## NEUMAN CANAL—APPLICATION 565

Diverted from Lodgepole Creek in Sec. 36, Twp. 13, Rge. 45 W.

<b>1923</b>					
8- 2	A. E. Johnston	6.0	0.86	.....	2.2

MEASUREMENTS OF CANALS—Continued

NEUMAN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-11	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0

NEUMAN CANAL—APPLICATIONS 611, 1445  
Diverted from Lodgepole Creek in Sec. 26, Twp. 13, Rge. 45 W.

<b>1925</b>					
5- 9	C. E. Franklin	2.4	0.99	.....	2.4
6-20	do	.....	.....	.....	.0
7-11	do	1.4	.65	.....	.9
<b>1927</b>					
4-28	C. E. Franklin	.....	.....	.....	0.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-29	do	5.3	0.30	.....	1.9

NIEHUS CANAL—APPLICATION 550  
Diverted from Lawrence Fork in Sec. 11, Twp. 18, Rge. 52 W.

<b>1921</b>					
8-20	W. F. Chaloupka	0.9	0.88	.....	0.8
<b>1922</b>					
6-26	Chaloupka and Atkins	1.7	1.88	.....	3.2
6-29	Palmer and Atkins	.2	.66	.....	.1
7-10	A. H. Atkins	.8	.75	.....	.6
8-25	do	1.2	1.33	.....	1.6
<b>1923</b>					
8-14	A. H. Atkins	.....	.....	.....	0.0
8-20	do	.....	.....	.....	.0
<b>1924</b>					
8-25	W. F. Chaloupka	1.1	1.00	.....	1.1
9-13	A. E. Johnston	1.2	1.65	0.60	2.0
<b>1925</b>					
6-12	A. W. Hall	1.1	1.57	.....	1.8
8-27	do	2.4	.92	.....	2.2
<b>1927</b>					
6-22	A. W. Hall	1.2	1.16	0.55	1.4

NINE MILE CANAL—DOCKET 925—O. D. APPLICATION 1431  
Diverted from North Platte River in Sec. 16, Twp. 21, Rge. 53 W.  
Measurements made at rating flume

<b>1919</b>					
5-28	T. C. Palmer	29.6	1.77	0.90	51.5
6-10	do	21.9	1.32	.35	28.9
6-24	do	48.4	2.08	1.25	100.7

## MEASUREMENTS OF CANALS—Continued

NINE MILE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
6-30	T. C. Palmer	42.9	1.44	1.00	61.6
7-21	do	13.1	1.59	.30	20.8
7-28	do	14.2	1.64	.20	23.4
8- 9	do	23.5	1.45	.40	34.1
9- 4	do	24.0	1.29	.47	31.2
9- 8	do	24.3	1.13	.50	27.4
9-22	do	.....	.00	.20	.....
<b>1920</b>					
7- 1	T. C. Palmer	46.5	1.26	1.00	58.3
7-13	do	21.7	1.78	.50	38.7
7-14	*J. K. Rohrer	.....	.....	.50	54.0
7-27	T. C. Palmer	53.0	.94	1.00	50.1
8-16	do	26.1	1.34	.40	35.0
8-25	do	19.9	.83	.30	16.5
9- 8	do	11.2	.76	.20	8.4
9-29	do	4.3	.65	.10	2.8
<b>1921</b>					
6-20	T. C. Palmer	36.8	1.01	0.90	37.4
7- 5	do	31.1	1.10	.70	34.1
7-12	*J. K. Rohrer	24.4	1.22	.50	29.8
8-18	T. C. Palmer	36.9	1.95	.85	72.4
8-29	do	13.9	1.01	.25	14.0
9-26	do	17.3	1.07	.85	18.4
<b>1922</b>					
5- 5	T. C. Palmer	23.5	1.44	0.50	33.9
6- 8	do	21.3	1.24	.60	26.4
6-15	do	24.4	1.57	.80	38.5
7-24	Palmer and Finley	10.0	3.78	.75	37.8
7-25	T. C. Palmer	22.4	3.08	1.50	69.2
7-28	do	13.0	3.96	1.00	51.5
8-25	do	8.1	2.50	.50	20.3
8-30	Fuering and Palmer	10.5	3.75	.65	39.4
9-28	T. C. Palmer	9.9	3.73	.....	36.2
<b>1923</b>					
5-11	Ketcham and Johnston	0.0	0.00	.....	0.0
5-31	E. F. Ketcham	9.4	0.77	.....	7.2
6-18	do	9.5	3.52	0.60	33.5
7-11	A. E. Johnston	19.2	3.65	1.20	70.1
7-25	do	30.4	1.91	1.70	58.3
8-17	E. F. Ketcham	6.4	3.03	.40	19.5
8-28	A. E. Johnston	6.7	3.29	.40	22.1
10- 3	do	7.9	3.54	.50	28.0
<b>1924</b>					
6- 6	A. E. Johnston	14.2	3.42	0.80	48.7
7- 1	do	36.9	1.95	1.75	72.0
7-10	do	37.9	1.26	2.50	48.0
8-28	do	24.8	2.13	.....	52.8
9-19	do	9.5	2.53	.70	24.2

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

NINE MILE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
4-20	Johnston and Franklin	-----	-----	-----	0.0
5-18	A. W. Hall	21.0	2.06	1.60	43.3
6- 4	do	11.5	2.50	.80	28.6
6-18	do	20.1	2.57	1.30	51.6
6-30	do	28.4	2.46	1.80	70.0
7-30	do	20.2	2.54	1.20	51.2
8-20	A. E. Johnston	14.4	2.82	1.20	40.7
9- 1	A. W. Hall	18.6	2.72	1.20	51.4
9-28	A. E. Johnston	4.7	1.15	.70	5.5
<b>1926</b>					
5-18	A. W. Hall	5.1	1.55	0.25	7.9
6- 4	do	15.9	2.70	1.00	39.0
6-21	do	6.2	1.23	.40	7.4
7- 7	do	28.3	2.65	1.70	75.3
7-23	do	18.5	2.16	1.20	41.9
8-10	do	22.8	2.44	1.42	55.9
8-26	do	14.6	1.83	.90	26.7
9-14	do	13.9	1.37	.90	19.0
<b>1927</b>					
3-28	A. E. Johnston	-----	-----	-----	0.0
5-24	A. W. Hall	6.5	0.83	0.45	5.0
6- 4	do	-----	-----	-----	5.4
6-10	do	7.9	1.25	.45	9.9
7- 8	do	25.8	1.91	1.60	49.4
8-12	do	19.1	2.04	1.20	39.1
8-26	do	18.5	2.02	1.20	37.7
<b>1928</b>					
5- 1	A. W. Hall	-----	-----	-----	0.0
5-18	do	10.5	1.41	0.60	14.8
7-13	do	19.6	1.77	1.25	34.8
7-19	do	29.3	1.28	-----	37.5
8-23	do	31.0	2.08	1.90	64.6
8-29	do	33.2	2.07	2.05	68.7
9- 7	do	29.4	1.98	1.95	58.3
<b>NINE MILE CANAL</b>					
In Sec. 18, Twp. 21, Rge. 53 W.					
<b>1927</b>					
7- 6	C. E. Franklin	28.5	1.93	-----	55.0
7-18	do	20.9	1.62	-----	33.9
8- 1	do	45.5	3.04	-----	138.2
8-24	A. W. Hall	16.5	1.76	-----	29.1
8-29	C. E. Franklin	25.0	1.82	-----	45.6
9-11	do	24.8	1.98	-----	49.3
10- 8	do	33.2	2.40	-----	79.6
12- 5	A. W. Hall	30.2	2.26	-----	69.3
<b>1928</b>					
1-31	C. E. Franklin	-----	-----	-----	127.8



STATE OF NEBRASKA

MEASUREMENTS OF CANALS—Continued

NISSEN CANAL—APPLICATION 606

Diverted from Sand Creek in Sec. 10, Twp. 15, Rge. 40 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
7-25	A. H. Atkins	.....	.....	.....	0.0
8-27	do	.....	.....	.....	.0
1925					
6-26	A. E. Johnston	1.4	1.21	.....	1.7
1926					
7-23	A. E. Johnston	1.0	1.00	.....	1.0
7-30	do	.9	.63	.....	.6
1927					
8- 5	A. E. Johnston	.....	.....	.....	0.0
1928					
9- 4	A. E. Johnston	3.0	1.53	.....	4.6
9-18	do	2.9	2.08	.....	6.0
10-18	do	.....	.....	.....	1.8

NORMAN CANAL—APPLICATIONS 1604, 1660

Diverted from White River in Sec. 26, Twp. 32, Rge. 52 W.

1923					
7-30	A. E. Johnston	2.6	0.76	.....	2.0
1925					
8-17	A. E. Johnston	.....	.....	.....	0.0
9- 9	do	.....	.....	.....	.0
1926					
5- 5	A. E. Johnston	2.8	3.10	.....	8.7
5-26	do	.....	.....	0.50	.....
7- 7	do	5.2	1.21	.....	6.3
1927					
6-23	A. E. Johnston	.....	.....	.....	0.0
8- 1	do	1.2	2.80	.....	3.4
8-31	do	.....	.....	.....	.0
1928					
5- 3	A. E. Johnston	.....	.....	.....	0.0
7- 3	do	.....	.....	.....	.0
8-17	do	1.3	0.69	.....	.9
9-28	do	.....	.....	.....	.0
10-25	do	.....	.....	.....	.0

NORTH LOUP CANAL—DOCKETS 227, 228, 232

Diverted from Loup River, North Branch, in Sec. 27, Twp. 19, Rge. 14 W.

1927					
5-11	A. E. Johnston	.....	.....	.....	0.0

NORTH PLATTE CANAL—DOCKET 635

Diverted from North Platte River in Sec. 13, Twp. 14, Rge. 34 W.

Measurements made one-fourth mile below head

1928					
8-22	A. W. Hall	26.9	2.08	.....	55.9

## MEASUREMENTS OF CANALS—Continued

## NORTH PLATTE CANAL—DOCKET 635

Diverted from North Platte River in Sec. 13, Twp. 14, Rge. 34 W.

Measurements made at rating flume

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
5- 7	T. C. Palmer	27.6	2.16	0.98	59.7
5-20	do	34.8	1.58	1.04	54.6
6-10	do	46.9	2.12	1.52	39.6
6-17	do	50.1	1.85	1.68	92.9
6-29	do	75.7	2.67	2.68	202.4
7- 6	do	61.8	2.46	2.20	152.8
7-14	do	74.7	2.42	2.48	180.8
8-22	do	64.5	2.17	2.10	140.5
9- 2	do	55.3	2.06	.....	113.7
9- 7	do	53.1	2.11	1.56	112.5
9-16	do	69.8	2.27	2.24	158.8
9-26	do	54.3	2.09	1.60	113.7
<b>1919</b>					
5- 5	Earl North	27.0	1.20	.....	32.5
5-15	do	31.5	1.16	.....	36.5
5-31	do	44.0	2.64	1.70	116.2
6-21	do	9.1	.50	.20	4.4
7-16	do	36.2	2.07	1.30	74.9
8- 1	do	55.0	2.57	2.30	141.4
8- 7	do	55.0	2.74	2.30	150.9
8-11	do	61.6	2.63	2.50	162.5
8-14	do	37.4	2.12	1.50	79.2
8-23	do	70.4	2.79	2.90	196.4
9- 1	do	68.7	1.65	2.40	113.5
9-16	do	52.8	1.93	2.10	102.1
9-16	do	52.8	1.86	2.40	98.6
9-20	do	.....	.....	.....	.0
10- 7	do	.....	.....	.30	.0
<b>1920</b>					
7- 1	G. K. Baumgartner	54.2	2.50	2.14	135.6
7-10	do	51.8	2.51	2.00	129.9
7-17	do	49.5	2.41	2.10	119.4
7-30	do	59.4	2.65	2.70	157.9
8- 5	do	50.6	2.57	1.95	128.9
8-16	do	52.9	2.46	2.20	130.0
8-21	do	64.4	2.65	2.50	170.9
9- 3	Palmer and Willis	57.4	2.24	1.92	128.9
<b>1921</b>					
5- 4	T. C. Palmer	29.2	1.85	1.05	53.9
7- 8	A. H. Atkins	53.4	2.69	2.20	143.1
7-15	do	111.2	2.22	2.60	246.0
7-28	do	72.8	2.88	2.96	209.3
8- 3	do	43.3	2.49	1.76	107.8
8-12	do	53.9	2.56	2.21	138.2
8-18	do	39.9	2.33	1.58	92.9
8-27	do	53.2	2.58	2.10	137.2

## MEASUREMENTS OF CANALS—Continued

NORTH PLATTE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
4-24	A. E. Johnston	28.7	1.70	1.10	48.7
5- 3	do	38.8	2.93	1.40	113.0
5-17	do	43.9	2.36	1.70	104.0
6- 2	do	31.6	1.93	1.10	61.3
6-19	do	25.7	1.72	.90	47.2
6-26	do	76.5	2.41	3.00	184.7
7- 3	do	43.9	2.25	1.60	99.2
7-10	do	40.6	1.99	1.70	80.8
7-22	do	30.4	1.97	1.10	60.1
7-29	do	62.5	1.48	2.40	155.0
8- 8	do	62.5	2.22	1.35	139.3
8-12	do	72.2	2.53	2.80	182.7
8-30	Johnston and Eyerly	63.3	2.39	2.35	151.9
9- 5	do	71.8	2.53	2.82	182.2
9- 9	do	57.2	1.86	2.12	106.4
9- 9	do	67.2	2.84	2.60	191.0
9-20	Johnston and Easterday	59.8	2.70	2.28	161.9
9-26	A. E. Johnston	50.8	2.41	1.90	122.8
9-30	do	70.2	2.71	2.65	190.5
<b>1923</b>					
4-11	A. E. Johnston	35.8	1.92	1.45	68.7
5-18	do	35.6	2.11	1.40	75.2
5-30	do	.0	.00	.00	.0
6-14	do	.0	.00	.00	.0
6-30	do	26.6	2.25	.....	60.1
7-11	A. H. Atkins	16.2	1.61	.....	26.2
7-27	do	60.1	2.68	2.50	161.2
7-30	E. F. Ketcham	68.3	1.32	.....	90.5
8-10	A. E. Johnston	31.0	2.20	.....	68.3
8-14	A. H. Atkins	28.0	1.34	.....	37.6
8-27	do	25.5	1.92	.....	49.2
9- 8	do	28.8	1.77	1.20	51.1
9-13	A. E. Johnston	28.9	2.28	1.30	65.9
9-28	A. H. Atkins	42.9	2.15	1.75	92.7
10- 3	do	46.5	2.16	2.00	100.6
10-18	A. E. Johnston	15.5	1.23	.70	19.2
<b>1924</b>					
5-22	A. E. Johnston	62.2	2.87	2.80	178.8
6-16	do	31.1	1.99	1.40	61.9
7-17	do	64.4	2.92	2.90	188.4
7-23	do	59.9	2.86	2.70	171.6
8- 4	C. G. Hrubesky	50.2	2.33	2.10	118.1
8-19	do	63.3	2.64	2.52	167.0
8-30	do	57.0	2.90	2.40	167.0

## MEASUREMENTS OF CANALS—Continued

NORTH PLATTE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5- 7	A. E. Johnston	6.7	0.80	0.35	5.4
5-18	do	41.0	2.86	1.95	117.0
6- 5	do	33.3	2.35	1.50	78.1
6-13	do	67.0	2.98	2.90	200.0
6-27	do	60.0	3.00	2.75	182.0
7- 8	do	67.0	3.26	3.00	218.0
7-20	do	57.7	3.09	2.55	178.2
8- 5	do	67.0	3.15	2.95	211.0
8-12	do	64.4	3.00	2.80	193.0
8-27	do	56.0	3.00	2.40	168.0
9- 3	do	61.0	3.14	2.70	194.0
9-17	do	53.0	3.02	2.40	160.0
9-24	do	50.8	2.80	2.00	142.6
<b>1926</b>					
4-28	A. E. Johnston	62.0	3.02	2.75	188.5
5-19	do	44.0	2.96	2.00	129.9
6-12	do	49.5	3.04	2.10	150.2
6-26	do	31.1	2.85	1.40	90.4
7-22	do	69.8	3.33	3.00	232.0
7-31	do	85.0	4.00	3.85	339.0
8- 8	do	83.0	3.87	3.70	312.0
8-21	do	63.0	3.27	2.80	205.8
9- 1	do	56.2	3.18	2.50	179.0
9-28	do	33.8	2.70	1.50	91.7
<b>1927</b>					
5- 5	A. E. Johnston	.....	.....	.....	0.0
5-20	do	29.2	2.34	1.30	68.6
6-14	do	40.5	2.66	1.80	108.0
6-30	do	91.0	3.58	4.00	326.0
7-15	do	77.7	3.01	3.50	235.1
7-19	do	76.5	3.50	3.30	269.3
7-25	do	60.7	3.14	2.65	190.0
8- 6	do	56.2	2.88	2.40	161.9
8-23	do	40.5	3.22	1.80	130.8
9-14	do	58.5	2.96	2.60	173.0
10- 6	do	.....	.....	.35	.0
10-28	do	22.5	1.92	1.00	43.3
<b>1928</b>					
4-24	A. E. Johnston	.....	.....	.....	0.0
5-29	do	74.2	3.25	3.30	241.2
6- 8	do	63.0	2.81	2.70	177.4
6-27	do	67.5	3.10	2.80	211.1
7-18	do	74.2	3.28	3.20	243.1
7-26	do	63.0	2.88	2.70	182.0
8- 9	do	59.5	2.94	2.50	174.7
8-21	do	94.5	3.53	4.20	334.5
8-22	do	58.5	3.48	3.60	203.9
8-28	do	72.0	3.33	3.20	240.0
9- 3	do	72.0	3.30	3.10	237.4
9-17	do	65.2	3.15	2.90	205.3
10-17	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

NORTHPORT CANAL—APPLICATION 768  
 Diverted from North Platte River at Tri-State Canal Headgate  
 Measurements made at rating flume in Sec. 14, Twp. 21, Rge. 51 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
6-26	Willis and Palmer	7.4	0.89	1.25	7.3
7- 3	T. C. Palmer	16.1	1.21	1.87	19.4
7-13	do	10.9	1.12	1.45	12.3
7-21	do	15.8	1.39	1.87	21.8
7-26	do	14.1	1.63	1.80	23.0
8-16	do	7.3	2.76	1.20	2.8
8-28	do	13.7	1.10	1.47	15.0
9- 8	do	12.3	.72	1.45	5.5
9-14	do	12.0	.83	1.55	9.9
9-24	do	14.4	1.32	1.90	18.9
<b>1921</b>					
7- 1	A. H. Atkins	13.7	1.14	.....	15.7
7- 6	W. F. Chaloupka	14.2	.82	2.00	11.7
7-16	R. H. Willis	15.9	1.43	2.24	22.7
7-22	W. F. Chaloupka	17.6	1.36	2.30	23.9
7-29	do	17.5	1.47	2.37	25.8
8- 5	do	15.8	1.40	2.20	22.1
8-14	do	16.1	1.38	2.20	22.3
8-18	T. C. Palmer	12.4	1.12	1.90	14.1
8-21	W. F. Chaloupka	26.3	1.05	2.30	27.7
8-28	do	23.1	1.34	2.33	30.9
9- 4	do	16.7	1.45	2.30	24.2
<b>1922</b>					
5-27	T. C. Palmer	25.2	1.21	1.80	30.7
6- 9	do	33.6	2.11	2.40	71.0
6-12	R. B. Deemer	35.0	2.47	2.51	86.3
6-15	D. R. Dean	34.7	2.39	2.47	82.9
6-16	do	32.2	2.10	2.30	67.8
6-17	T. C. Palmer	35.0	2.26	2.50	79.2
6-17	do	35.9	2.55	2.55	91.7
6-17	D. R. Dean	35.1	2.33	2.49	81.4
6-18	D. H. McCoskey	38.8	3.23	2.77	125.3
6-18	D. R. Dean	39.1	3.16	2.79	123.7
6-19	do	37.4	2.93	2.67	109.4
6-19	do	37.5	3.00	2.68	112.9
6-20	do	38.6	3.30	2.76	126.9
6-20	do	39.3	3.54	2.81	139.3
6-21	do	40.2	3.48	2.88	140.2
6-21	do	40.2	3.54	2.88	142.3
6-30	T. C. Palmer	36.4	2.63	2.59	95.9
8- 3	A. E. Johnston	29.4	2.42	2.13	71.5
8- 7	A. H. Atkins	36.4	3.51	2.55	127.8
8-17	do	36.4	3.28	2.55	119.7
9-22	T. C. Palmer	35.1	2.72	2.52	95.7
<b>1923</b>					
6- 1	E. F. Ketcham	21.0	2.16	1.54	45.5
6- 9	A. H. Atkins	29.0	3.01	2.07	87.2
6-10	D. R. Dean	27.7	2.78	1.98	77.1
6-14	Mr. McGinley	28.7	2.64	2.05	76.0

## MEASUREMENTS OF CANALS—Continued

NORTHPORT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7- 6	A. E. Johnston	46.2	4.74	3.30	219.4
8-20	E. F. Ketcham	37.8	3.51	2.70	132.9
8-30	A. E. Johnston	37.8	3.75	2.70	141.8
9-20	A. H. Atkins	37.8	4.38	2.60	165.7
<b>1924</b>					
6- 5	U. S. R. S.	24.8	3.75	1.77	93.0
6- 6	A. E. Johnston	26.6	3.96	1.79	106.0
6-16	U. S. R. S.	22.4	3.48	1.60	78.0
6-18	do	18.5	3.02	1.32	56.0
6-20	do	39.2	4.89	2.80	192.0
7-12	do	47.6	5.42	3.40	258.0
8- 9	do	47.9	5.36	3.42	257.0
8-21	A. E. Johnston	41.0	5.00	2.90	206.0
9-19	do	36.4	4.85	2.78	176.0
9-23	U. S. R. S.	30.7	4.10	2.19	126.0
9-30	do	25.9	3.70	1.85	96.0
<b>1925</b>					
5-25	A. E. Johnston	25.2	5.10	1.80	128.0
6-17	A. W. Hall	34.0	5.70	2.45	194.0
6-18	A. E. Johnston	35.0	5.84	2.50	204.0
7-27	do	41.0	6.07	2.95	249.0
8-19	do	25.5	4.91	1.80	123.0
9-11	do	30.4	4.92	2.10	150.1
<b>1926</b>					
5-11	A. W. Hall	11.2	4.05	0.79	45.5
5-18	D. R. Dean	10.8	4.44	.77	48.0
5-24	A. W. Hall	11.5	4.05	.85	46.7
5-24	D. R. Dean	11.5	4.59	.82	52.8
5-24	do	16.5	4.76	1.08	78.7
5-27	do	23.2	5.59	1.66	129.7
5-28	do	28.6	5.95	2.04	170.4
5-30	do	30.1	6.00	2.15	180.7
5-31	do	35.7	6.00	2.55	214.2
6- 2	do	37.4	6.29	2.67	234.8
6-11	do	34.4	6.09	2.46	209.6
8-23	A. W. Hall	37.1	6.04	2.65	223.9
9-13	do	30.1	5.50	2.15	166.3
<b>1927</b>					
5-24	A. W. Hall	17.5	3.73	1.25	65.3
6- 5	D. R. Dean	36.0	4.10	2.00	148.1
6-10	do	33.1	3.72	1.87	123.7
6-14	do	35.5	4.20	2.10	149.0
6-18	do	31.9	3.86	1.90	123.1
6-24	do	29.7	3.24	1.62	96.3
7- 1	do	34.1	4.04	2.03	138.5
7- 6	A. W. Hall	37.1	5.62	2.65	209.0

## MEASUREMENTS OF CANALS—Continued

NORTHPORT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
7- 8	D. R. Dean	41.1	5.50	2.70	223.7
7-10	do	41.7	5.80	2.90	241.8
7-16	do	41.2	5.66	2.83	233.4
8- 1	do	83.7	3.15	3.10	264.3
8- 9	do	119.9	1.73	2.30	165.9
8-27	A. W. Hall	32.9	5.47	2.35	180.0
9-11	D. R. Dean	158.9	1.31	2.67	208.0
9-23	do	17.9	.....	1.15	52.9
<b>1928</b>					
5- 1	A. W. Hall	23.1	4.84	1.65	111.9
5-19	do	22.4	4.50	1.60	101.5
6- 6	do	28.0	5.26	2.00	147.3
7-18	do	33.6	5.60	2.35	188.3
8-21	do	36.4	5.82	2.60	212.0

NORTHPORT CANAL (SOUTH BRANCH)  
Sec. 2, Twp. 20, Rge. 51 W.

<b>1921</b>					
7- 6	W. F. Chaloupka	3.9	1.05	1.10	4.1
7-16	R. H. Willis	12.5	1.02	2.05	12.7
7-21	W. F. Chaloupka	2.8	.76	1.00	2.2
7-29	do	2.8	.66	.94	1.8
8- 5	do	2.6	.90	1.00	2.3
8-14	do	1.4	.82	.87	1.1
8-18	T. C. Palmer	3.7	.66	.95	2.4
8-21	W. F. Chaloupka	2.8	.61	1.00	1.7
8-28	do	3.2	1.00	1.10	3.2
9- 4	do	3.4	1.00	1.10	3.3

NORTH RIVER CANAL—DOCKET 787—APPLICATION 243  
Diverted from North Platte River in Sec. 14, Twp. 18, Rge. 47 W.  
Measurements made at 40 foot Weir in Sec. 14, Twp. 18, Rge. 47 W.

<b>1922</b>					
7-13	A. E. Johnston	67.9	0.82	.....	55.8
7-19	do	66.2	.58	.....	38.4
7-25	T. C. Palmer	.....	.....	0.68	74.6
7-27	do	.....	.....	.80	99.9
8- 3	A. E. Johnston	.....	.....	.40	34.1
8-17	do	.....	.....	.50	47.6
8-20	A. H. Atkins	.....	.....	.41	34.1
9- 2	A. E. Johnston	.....	.....	.35	27.9
9-25	do	.....	.....	.50	47.6
<b>1923</b>					
5-16	A. E. Johnston	.....	.....	0.35	27.9
5-28	do	0.0	0.00	.....	.0
6-12	do	.0	.00	.....	.0
6-27	do	.0	.00	.....	.0
7-14	do	.....	.....	.....	32.0
7-21	do	.0	.00	.....	.0

MEASUREMENTS OF CANALS—Continued

NORTH RIVER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-23	A. H. Atkins	0.0	0.00	.....	0.0
8-24	do	.0	.00	.....	.0
9-10	A. E. Johnston	.....	.....	0.20	12.0
9-25	A. H. Atkins	.0	.00	.....	.0
<b>1924</b>					
6-12	A. E. Johnston	.....	.....	.....	0.0
7-14	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	59.5
8- 5	do	.....	.....	0.20	12.0
8-15	C. G. Hrubesky	.....	.....	.10	42.4
8-27	A. E. Johnston	.....	.....	.....	47.6
9- 2	C. G. Hrubesky	.....	.....	.40	34.2
10- 6	A. E. Johnston	.....	.....	.....	.0
<b>1925</b>					
4-29	A. W. Hall	27.6	0.83	.....	22.8
5- 7	Hall and Willis	.....	.....	.....	18.5
5- 9	A. W. Hall	.....	.....	.....	25.1
5-19	A. E. Johnston	.....	.....	.....	.0
5-20	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	12.0
6-16	do	.....	.....	.....	9.9
6-24	do	.....	.....	.....	22.1
7- 2	C. E. Franklin	.....	.....	.....	34.0
7- 9	G. W. Sampson	.....	.....	.....	62.4
7-10	A. E. Johnston	.....	.....	0.60	62.6
7-13	do	.....	.....	.70	78.9
7-24	do	18.0	3.02	.....	54.4
8- 3	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9- 4	do	.....	.....	.20	12.0
9-15	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
10-16	do	.....	.....	.....	.0
<b>1926</b>					
5-22	A. E. Johnston	.....	.....	0.35	27.9
6-16	do	.....	.....	.....	.0
6-30	do	.....	.....	.65	70.6
7-24	do	.....	.....	.40	30.0
8-18	do	.....	.....	.....	.0
9- 4	do	.....	.....	.60	62.6
10- 1	do	.....	.....	.30	.0
<b>1927</b>					
4- 4	A. E. Johnston	.....	.....	.....	0.0
5-31	A. W. Hall	.....	.....	.....	.0



## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

## NORTH RIVER CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
6-27	A. E. Johnston	.....	.....	0.65	70.0
7-28	do	.....	.....	.65	70.6
8- 4	do	.....	.....	.....	.0
8-26	do	.....	.....	.30	16.6
9-17	do	.....	.....	.00	.0
10- 8	do	.....	.....	.00	.0
<b>1928</b>					
4-27	A. E. Johnston	.....	.....	.....	0.0
6- 2	do	.....	.....	.....	.0
6- 5	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8-11	do	.....	.....	0.50	47.6
8-20	do	.....	.....	.50	46.9
9- 6	do	.....	.....	.80	99.9
9-20	do	.....	.....	.....	.0
10-20	do	.....	.....	.....	.0

## NORTH RIVER CANAL

Measurements made at 30 foot Weir in Sec. 4, Twp. 17, Rge. 45 W.

<b>1923</b>					
7-14	A. E. Johnston	41.3	1.82	.....	75.4
7-23	A. H. Atkins	.....	.....	.....	.0
9-10	A. E. Johnston	7.0	2.16	.....	15.2
<b>1924</b>					
8- 5	A. E. Johnston	19.2	3.50	.....	67.1
8-27	do	15.4	2.80	.....	43.3
<b>1925</b>					
5- 7	Hall and Willis	.....	.....	.....	4.0
5- 9	A. W. Hall	.....	.....	.....	16.6
5-20	A. E. Johnston	10.7	0.72	0.80	7.7
6- 1	do	.....	.....	.....	.0
6-16	do	12.0	1.13	.....	13.5
6-24	do	13.2	2.14	.....	28.2
7- 2	C. E. Franklin	.....	.....	.....	40.8
7- 3	do	.....	.....	.....	28.0
7-24	A. E. Johnston	.....	.....	.....	54.0
<b>1927</b>					
5-31	A. W. Hall	.....	.....	.....	0.0
6-27	A. E. Johnston	.....	.....	0.80	72.0
7-18	do	.....	.....	.40	40.7
7-28	do	.....	.....	.95	93.5
8- 4	do	.....	.....	.75	65.6
8-26	do	.....	.....	.60	47.9
9-16	do	.....	.....	.30	16.6

## MEASUREMENTS OF CANALS—Continued

NORTH RIVER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
4-27	A. E. Johnston	.....	.....	0.65	52.9
6- 2	do	.....	.....	.90	86.2
6- 5	do	.....	.....	.90	86.2
6-30	do	.....	.....	.....	.0
7-20	do	.....	.....	.40	25.5
7-23	do	.....	.....	.50	35.7
9- 6	do	.....	.....	.95	93.5
9-20	do	.....	.....	.50	35.7
10-20	do	.....	.....	.....	.0

## OASIS CANAL—DOCKET 567

Diverted from Snake Creek in Sec. 6, Twp. 24, Rge. 51 W.

1925					
4-27	A. E. Johnston	0.3	0.52	.....	0.1
5-25	do	3.5	.54	.....	1.9
6-18	do	4.7	1.28	.....	North 6.0
6-18	do	3.6	1.31	.....	South 4.7
7-27	do	3.3	2.12	.....	North 7.0
7-27	do	.....	.....	.....	South .0
8-19	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0

## OBERFELDER CANAL—DOCKET 306

Diverted from Lodgepole Creek in Sec. 31, Twp. 14, Rge. 46 W.

1925					
5- 7	C. E. Franklin	1.0	0.20	.....	0.2
6-20	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0
1928					
5- 8	C. E. Franklin	.....	.....	.....	0.0
6- 2	do	.....	.....	.....	.0
6-13	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

## OBERFELDER CANAL—DOCKET 307

Diverted from Lodgepole Creek in Sec. 31, Twp. 14, Rge. 46 W.

1925					
5- 7	C. E. Franklin	0.3	0.87	.....	0.3
6-20	do	.....	.....	.....	.0
1926					
6-24	C. E. Franklin	0.5	0.94	.....	0.5
7- 9	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

OBERFELDER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-28	C. E. Franklin	.....	.....	.....	0.0
7-21	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.9
<b>1928</b>					
5- 8	C. E. Franklin	.....	.....	.....	0.0
6- 2	do	.....	.....	.....	.0
6-13	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	†.6
9-19	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

## OBERFELDER CANAL—DOCKET 333

Diverted from Lodgepole Creek in Sec. 31, Twp. 14, Rge. 46 W.

<b>1927</b>					
7-21	C. E. Franklin	.....	.....	.....	0.0
<b>1928</b>					
5- 8	C. E. Franklin	.....	.....	.....	0.0
6-13	do	.....	.....	.....	†.8
9- 6	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

## OLIVER BROTHERS CANAL—APPLICATION 1285

Diverted from Frenchman River in Sec. 7, Twp. 5, Rge. 35 W.

<b>1919</b>					
7-14	Palmer and Bailey	2.0	2.09	0.90	4.1
<b>1921</b>					
8-24	Palmer and Bailey	2.1	1.20	0.70	2.5

## ORCHARD-ALFALFA CANAL—DOCKET 627

Diverted from Platte River in Sec. 9, Twp. 10, Rge. 24 W.

Measurements made at rating flume

<b>1918</b>					
7- 2	T. C. Palmer	37.9	0.99	2.62	37.6
7- 4	do	36.0	.95	2.60	34.4
7-23	do	52.6	1.02	3.34	53.7
9-18	do	51.5	.48	3.24	43.5
<b>1919</b>					
7-24	Earl North	.....	.....	0.00	0.0
<b>1920</b>					
6-30	G. K. Baumgartner	16.4	0.46	1.48	7.5
7-13	do	43.4	.68	2.40	29.3
7-15	do	48.0	.48	2.65	23.9

†Estimated.

## MEASUREMENTS OF CANALS—Continued

ORCHARD-ALFALFA CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
5- 4	G. K. Baumgartner	70.3	1.10	3.10	77.7
8-17	do	45.6	.48	2.40	22.1
8-19	do	53.2	.81	3.10	43.2
9-14	Palmer and Willis	.....	.....	1.30	.0
<b>1921</b>					
7-12	A. H. Atkins	12.9	0.60	1.30	7.7
7-31	do	36.0	.85	2.12	30.8
8- 6	do	22.6	.68	1.65	17.6
<b>1922</b>					
5-19	A. E. Johnston	18.0	0.66	.....	11.8
6- 5	do	21.8	1.19	.....	25.9
6-21	do	15.6	.84	.....	13.2
6-24	do	25.0	1.95	.....	48.7
7- 6	do	11.4	.98	0.00	11.2
7- 8	do	12.0	.64	.....	7.7
7-25	do	25.0	1.67	2.50	41.9
7-27	do	25.0	1.59	.....	39.8
8- 9	do	22.0	1.52	2.20	33.5
8-11	do	21.0	1.41	2.10	29.8
8-28	do	12.0	1.33	1.20	13.6
9- 7	Johnston and Eyerly	.0	.00	.00	.0
9-18	Johnston and Easterday	27.0	2.23	2.70	60.2
9-28	A. E. Johnston	26.1	2.20	2.90	57.6
<b>1923</b>					
5-20	A. E. Johnston	23.0	1.45	2.30	33.4
6- 1	do	.0	.00	.00	.0
7-31	A. H. Atkins	48.8	1.17	3.15	57.3
8- 8	A. E. Johnston	.0	.00	.00	.0
8-12	A. H. Atkins	23.8	.71	1.80	17.0
8-28	do	20.1	.77	1.80	15.6
9-10	A. E. Johnston	15.0	1.38	1.50	20.8
9-29	A. H. Atkins	11.6	.68	1.60	8.0
<b>1924</b>					
5-24	A. E. Johnston	22.4	1.55	2.30	34.8
6-18	do	17.0	1.13	1.70	19.3
7-18	do	25.0	1.73	2.50	43.3
7-21	do	26.0	1.87	2.60	48.8
8-21	C. G. Hrubesky	38.1	2.11	3.00	80.1
8-28	do	33.1	1.89	2.90	62.5
9-10	A. E. Johnston	20.0	1.44	2.10	28.8
<b>1925</b>					
5-15	A. E. Johnston	16.8	0.65	.....	11.0
6- 8	do	27.7	1.36	2.60	37.8
6-11	do	45.4	1.80	3.80	81.6
6-30	do	14.9	.76	1.40	11.4
7- 6	do	16.7	1.03	1.85	17.3
7-17	do	14.1	.84	.....	11.8

STATE OF NEBRASKA

MEASUREMENTS OF CANALS—Continued

ORCHARD-ALFALFA CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
7-25	R. F. Nosky	42.3	1.33	3.40	56.0
7-30	do	47.4	1.78	4.00	84.5
8- 7	A. E. Johnston	45.3	1.66	3.95	75.5
8-10	do	43.4	1.60	3.70	69.5
8-29	do	30.9	1.34	2.85	41.5
9-19	do	35.9	1.46	3.15	52.4
<b>1926</b>					
5-17	A. E. Johnston	32.6	1.49	2.80	48.6
7-20	do	18.5	1.34	1.90	24.7
8- 3	do	47.9	1.95	3.90	93.4
8- 7	do	50.1	2.07	4.05	103.5
9-25	do	16.8	1.08	1.70	18.1
<b>1927</b>					
5-18	A. E. Johnston	-----	-----	-----	0.0
6-11	do	31.6	1.35	-----	42.5
7- 2	do	33.9	1.50	2.95	51.0
7-13	do	23.6	1.36	2.25	32.1
7-22	do	43.6	1.80	3.80	78.8
7-23	do	-----	-----	-----	*.0
8- 9	do	33.2	1.35	3.00	45.0
8-19	do	22.9	1.21	2.00	27.8
9-12	do	19.0	1.08	1.95	20.5
10- 4	do	21.4	1.30	2.15	27.7
<b>1928</b>					
4-20	A. E. Johnston	-----	-----	-----	0.0
5-24	do	40.4	1.48	2.40	60.1
6-25	do	-----	-----	-----	.0
7-16	do	32.8	1.35	2.20	44.5
8- 7	do	40.0	1.60	2.80	64.0
8-23	do	40.0	1.66	2.80	66.3
8-24	do	36.1	1.69	2.60	61.2
8-30	do	41.7	1.64	2.80	68.3
8-31	do	46.7	1.77	3.15	82.8
9-11	do	29.6	1.29	2.10	38.3
9-13	do	34.8	1.47	2.40	51.1
10-15	do	27.4	1.32	1.95	36.1

OSHKOSH CANAL—DOCKET 797—APPLICATION 243  
Diverted from North Platte River in Sec. 33, Twp. 17, Rge. 44 W.  
Measurements made at rating flume

<b>1919</b>					
5-28	Earl North	9.4	0.90	2.05	8.4
6-16	do	-----	-----	-----	.0
8- 6	T. C. Palmer	-----	-----	-----	.0
9-10	Earl North	13.0	1.18	-----	15.4
9-13	do	6.7	1.16	-----	7.8
9-24	do	-----	-----	-----	.0

\*A. E. Johnston closed canal at 11:00 on July 23, turned water back into canal at 4:00 p. m. on same date.

## MEASUREMENTS OF CANALS—Continued

OSHKOSH CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
8-7	G. K. Baumgartner	18.0	0.29	2.00	5.2
8-12	do	18.0	.62	2.00	11.3
8-25	do	15.3	.38	1.70	5.8
<b>1921</b>					
7-5	A. H. Atkins	0.9	1.57	0.10	1.4
7-13	*J. K. Rohrer	.....	.....	.....	13.0
7-20	A. H. Atkins	14.6	1.89	1.60	27.5
7-26	do	7.2	1.49	.80	10.7
8-10	do	6.3	1.36	.65	8.6
8-22	A. H. Atkins	5.4	1.30	.60	7.1
9-14	T. C. Palmer	3.2	1.02	.40	3.2
<b>1922</b>					
7-1	A. E. Johnston	2.7	0.74	0.30	2.0
7-13	do	6.2	.72	.70	4.5
7-27	T. C. Palmer	16.2	1.41	1.80	23.0
8-3	A. E. Johnston	8.1	.81	.90	6.6
8-17	do	12.6	1.39	1.40	17.6
9-2	do	10.8	1.55	1.20	16.8
9-25	do	11.7	1.64	1.33	19.3
<b>1923</b>					
5-16	A. E. Johnston	0.0	0.00	.....	0.0
6-27	do	.0	.00	.....	.0
7-5	E. F. Ketcham	.0	.00	.....	.0
7-21	A. E. Johnston	16.0	1.22	1.60	19.7
7-24	A. H. Atkins	6.8	1.03	.....	7.0
8-24	do	.0	.00	.....	.0
9-11	A. E. Johnston	9.0	1.29	1.00	11.6
9-25	A. H. Atkins	.0	.00	.00	.0
<b>1924</b>					
6-13	A. E. Johnston	.....	.....	.....	0.0
7-15	do	15.3	0.39	1.70	6.1
7-25	do	14.8	.86	2.20	12.9
8-1	C. G. Hrubesky	17.5	.71	2.00	12.4
8-15	do	19.3	.52	2.20	10.0
8-27	A. E. Johnston	12.0	.64	1.50	7.7
9-2	C. G. Hrubesky	10.3	.52	1.41	5.9
<b>1925</b>					
5-20	A. E. Johnston	.....	.....	.....	0.0
6-2	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-24	do	.....	.....	.....	.0
7-10	do	16.6	0.77	2.00	.0
7-14	do	15.8	1.27	1.80	20.1
7-24	Johnston and Clark	12.6	1.02	1.80	12.8
8-3	A. E. Johnston	7.2	1.14	1.30	8.2
8-25	do	8.0	1.43	1.30	11.4
9-15	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

OSHKOSH CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
6-15	A. E. Johnston	.....	.....	.....	0.0
6-29	do	8.0	1.60	1.60	12.7
7-24	do	7.6	1.02	1.50	7.8
8-10	do	10.1	1.42	1.65	14.3
8-19	do	.....	.....	.....	.0
9- 3	do	8.2	1.56	1.60	12.8
10- 1	do	.....	.....	.....	.0
<b>1927</b>					
4- 5	A. E. Johnston	.....	.....	.....	0.0
6-27	do	.....	.....	.....	.0
7-27	do	13.5	0.82	1.80	11.0
8- 4	do	.....	.....	.....	.0
8-25	do	.....	.....	.....	.0
9-16	do	6.2	1.16	1.30	7.2
<b>1928</b>					
4-27	A. E. Johnston	.....	.....	.....	0.0
6- 2	do	.....	.....	.....	.9
6- 5	do	.....	.....	.....	.0
6-30 <sup>+</sup>	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
9- 6	do	16.9	0.95	2.30	16.1
9-20	do	15.2	1.05	2.20	16.1
10-20	do	.....	.....	.....	.0
<b>OTTER CANAL—APPLICATION 1198</b>					
Diverted from Otter Creek in Sec. 5, Twp. 15, Rge. 40 W.					
<b>1921</b>					
7- 7	A. H. Atkins	1.1	1.94	.....	2.2
7-28	do	12.6	1.51	1.50	19.7
8-11	do	11.8	1.13	1.00	23.3
<b>1922</b>					
6-17	A. E. Johnston	8.4	1.80	1.50	14.7
7- 2	do	7.3	.79	1.30	5.8
7-21	do	6.7	.67	1.20	4.5
<b>1923</b>					
5-17	A. E. Johnston	0.0	0.00	.....	0.0
6-29	do	.0	.00	.....	.0
7- 6	E. F. Ketcham	.0	.00	.....	.0
7-25	A. H. Atkins	.0	.00	.....	.0
8-27	A. E. Johnston	.0	.00	.....	.0
9-27	A. H. Atkins	11.1	1.92	.....	21.4
<b>1924</b>					
6-14	A. E. Johnston	.....	.....	.....	0.0
7-16	do	9.9	2.09	.....	20.8
7-24	do	10.0	2.33	.....	23.8

MEASUREMENTS OF CANALS—Continued

OTTER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
8- 2	C. G. Hrubesky	17.6	1.13	.....	19.9
8-16	do	.....	.....	.....	.0
8-26	A. E. Johnston	.....	.....	.....	.0
9- 1	C. G. Hrubesky	13.0	1.29	.....	16.8
<b>1925</b>					
5-19	A. E. Johnston	.....	.....	.....	0.0
6- 2	do	14.0	1.86	.....	26.1
6-15	do	4.8	1.33	.....	6.4
6-26	do	7.0	1.31	.....	9.1
7- 9	do	7.0	.78	.....	5.5
7-22	do	8.4	1.41	.....	11.9
8-26	do	2.8	.39	.....	1.1
<b>1926</b>					
6-14	A. E. Johnston	16.4	2.22	.....	36.4
6-28	do	14.0	2.32	.....	32.4
7-23	do	14.0	2.17	.....	30.4
7-30	do	11.9	1.82	.....	21.7
8-20	do	6.0	1.26	.....	7.6
9-29	do	.....	.....	.....	.0
<b>1927</b>					
5- 4	A. E. Johnston	8.9	1.18	.....	10.5
6-29	do	12.6	1.19	.....	15.0
7-16	do	16.3	1.83	.....	29.9
7-26	do	15.0	1.84	.....	27.6
8- 5	do	.....	.....	.....	.0
8-24	do	16.5	1.37	.....	22.6
9-15	do	.....	.....	.....	.0
<b>1928</b>					
4-25	A. E. Johnston	.....	.....	.....	0.0
5-31	do	5.6	0.91	.....	5.1
6- 7	do	.....	.....	.....	.0
6-28	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8-10	do	8.4	.24	.....	2.0
8-27	do	14.0	.83	.....	11.6
9- 4	do	8.1	.25	.....	2.0
9-18	do	15.4	1.60	.....	24.8
10-18	do	.....	.....	.....	.0

OVERLAND CANAL—DOCKET 731

Diverted from North Platte River in Sec. 2, Twp. 16, Rge. 44 W.

1919

7- 8	Earl North	13.5	0.88	1.80	11.9
8- 6	T. C. Palmer	11.7	.70	1.55	8.1
9-10	Earl North	16.8	1.23	2.10	20.7



## MEASUREMENTS OF CANALS—Continued

## OVERLAND CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
7- 8	G. K. Baumgartner	12.5	0.72	0.70	9.0
7-21	do	9.9	.87	.60	8.6
7-26	do	10.4	.83	.65	8.6
8- 7	do	10.4	.88	.80	9.1
8-12	do	11.9	.95	.70	11.2
8-25	do	4.6	.61	.30	2.8
9- 1	T. C. Palmer	8.9	.97	.55	8.6
<b>1921</b>					
7- 6	A. H. Atkins	12.1	1.32	.....	15.9
7-13	*J. K. Rohrer	.....	.....	.....	14.0
7-19	A. H. Atkins	13.9	1.20	1.00	16.6
7-26	do	15.7	1.11	1.30	17.5
8-22	do	12.8	.92	.80	11.2
<b>1922</b>					
8- 7	T. C. Palmer	0.0	0.00	0.00	0.0
9-25	A. E. Johnston	5.0	1.62	.....	8.1
<b>1923</b>					
5-16	A. E. Johnston	.....	.....	.....	0.0
7-21	do	12.1	1.08	2.00	13.1
7-24	A. H. Atkins	12.1	1.29	.90	15.6
8-24	do	.....	.....	.....	.0
9-11	A. E. Johnston	2.1	.63	.....	1.3
<b>OWASCO CANAL—DOCKET 347—APPLICATIONS 725, 734</b>					
Diverted from Lodgepole Creek in Sec. 29, Twp. 15, Rge. 55 W.					
<b>1924</b>					
9-10	C. G. Hrubesky	.....	.....	.....	1.0
<b>1925</b>					
5- 4	A. E. Johnston	1.5	0.47	.....	0.7
5- 5	do	1.2	1.84	0.30	2.3
5- 5	do	1.8	2.27	.28	4.2
5-11	Hall and Hanna	5.7	.81	.....	4.6
5-23	Johnston and Hanna	2.1	1.70	.30	3.6
5-23	do	3.9	1.08	.....	4.2
6- 3	C. E. Franklin	4.3	1.65	.....	7.1
6-18	do	5.1	1.64	.40	8.3
6-19	do	14.2	.51	.....	7.2
7- 7	do	13.5	.42	.....	5.7
8- 4	do	11.4	.91	.40	10.6
8-15	do	10.1	.90	.....	9.0
8-28	do	8.1	1.16	.....	9.4
9-10	do	9.8	.53	.36	5.2
9-27	do	9.7	.81	.50	7.8

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

OWASCO CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
5-10	C. E. Franklin	1.8	1.72	0.33	3.1
5-23	do	2.1	2.44	.....	5.1
6- 7	do	3.0	2.60	.80	7.8
7- 3	do	5.3	.91	.69	4.8
7-30	do	6.8	1.04	.80	7.1
8-13	do	6.0	1.06	.76	6.4
8-28	do	5.0	.86	.83	4.3
<b>1927</b>					
4- 6	C. E. Franklin	5.6	1.20	0.72	6.7
5-11	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
7- 1	do	3.0	2.42	.40	7.3
7-16	do	3.0	2.20	.....	6.6
8- 4	do	4.1	2.32	.55	9.5
8-16	do	4.5	1.58	.63	7.1
8-18	R. H. Willis	.....	.....	.65	.....
8-22	A. W. Hall	4.5	2.33	.60	10.5
8-31	C. E. Franklin	3.2	2.44	.48	7.8
9-24	do	2.0	1.15	.25	2.3
<b>1928</b>					
5- 4	C. E. Franklin	2.0	2.28	0.44	4.6
6- 5	do	3.6	2.39	.48	8.6
6-28	do	.....	.....	.....	.0
7-19	do	2.7	1.44	.33	3.9
8-12	do	3.2	1.87	.41	6.0
8-23	do	3.6	1.94	.45	7.0
9-15	do	2.4	1.29	.30	3.1
9-26	do	3.2	1.81	.44	5.8
10-16	do	.....	.....	.....	.0

## OX YOKE CANAL—DOCKET 447

Diverted from Ash Creek, East Branch, in Sec. 29, Twp. 32, Rge. 50 W.

<b>1928</b>					
8-17	A. E. Johnston	.....	.....	.....	2.0
9-28	do	.....	.....	.....	.0
10-25	do	.....	.....	.....	.0

## PAISLEY CANAL—APPLICATION 515

Diverted from Blue Creek in Sec. 28, Twp. 17, Rge. 42 W.

Measurements made at rating flume

<b>1917</b>					
7-11	L. D. Horrocks	5.9	1.14	0.85	6.8
7-11	do	4.4	1.25	.65	5.5
<b>1918</b>					
6- 7	T. C. Palmer	11.7	1.53	1.40	17.9
6-18	do	8.0	1.46	1.00	11.7
6-27	do	5.6	1.22	.74	6.8

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

PAISLEY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
7-27	T. C. Palmer	5.6	1.43	0.74	8.0
8-11	do	6.8	1.15	.84	7.8
8-23	do	8.0	1.26	1.00	10.1
8-31	do	6.4	1.18	.78	7.6
9- 8	do	7.2	1.08	.94	7.8
9-13	do	7.8	1.26	1.00	9.8
9-27	do	4.3	.85	.55	3.7
<b>1919</b>					
5-24	Earl North	5.4	1.46	0.75	7.9
5-28	do	9.7	1.59	1.30	15.5
6-13	do	4.8	1.55	.60	7.4
6-20	do	4.5	1.76	.50	8.0
7- 8	do	8.0	1.48	1.20	11.9
7-15	do	3.2	1.29	.30	4.1
8- 5	Palmer and Hartman	2.8	1.30	.37	3.7
<b>1921</b>					
6-21	A. H. Atkins	6.1	0.89	.....	6.1
7- 6	do	7.2	2.52	0.80	18.2
7- 9	Palmer and Lorenzen	7.2	2.55	.85	18.4
7-18	A. H. Atkins	6.9	2.18	.78	15.0
7-27	do	7.5	1.99	.....	15.0
8-10	do	5.6	2.32	.62	13.0
8-19	do	6.4	2.11	.72	13.6
8-30	do	6.4	2.00	.70	12.5
<b>1922</b>					
6-16	A. E. Johnston	7.4	1.48	0.90	11.0
7- 1	do	5.6	1.23	.70	6.9
7-14	do	7.2	1.56	.90	11.3
7-20	do	6.4	1.79	.80	11.5
8- 1	do	.0	.00	.00	.0
8- 8	T. C. Palmer	.0	.00	.00	.0
<b>1923</b>					
5-16	A. E. Johnston	0.0	0.00	.....	0.0
6-28	do	.0	.00	.....	.0
7- 6	E. F. Ketcham	.0	.00	.....	.0
7-20	A. E. Johnston	.0	.00	.....	.0
7-24	A. H. Atkins	5.3	1.21	0.60	6.4
8-25	do	8.8	1.39	1.00	12.3
9-11	A. E. Johnston	8.8	1.42	.....	12.5
9-26	A. H. Atkins	7.7	1.11	.90	8.6
<b>1924</b>					
5-20	A. E. Johnston	10.9	0.56	.....	6.1
6-13	do	11.6	.57	.....	6.7
7-15	do	12.1	.97	.....	11.8
7-24	do	.....	.....	.....	.0
8- 1	C. G. Hrubesky	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0

MEASUREMENTS OF CANALS—Continued

PAISLEY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
8-27	A. E. Johnston	7.2	1.45	.....	10.4
9- 2	C. G. Hrubesky	11.6	1.64	1.48	19.0
10- 6	A. E. Johnston	10.0	.72	.....	7.2
<b>1925</b>					
5-20	A. E. Johnston	10.4	1.53	1.20	15.9
6- 2	do	5.1	.86	.55	4.4
6-15	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7-10	do	4.4	.59	.60	2.6
7-14	do	13.0	1.23	1.55	16.0
7-23	do	13.1	1.19	1.60	15.5
8- 4	do	11.6	1.17	1.45	13.6
8-25	do	10.7	.88	1.40	9.5
9-15	do	10.7	.97	1.45	10.4
<b>1926</b>					
5-21	A. E. Johnston	7.6	1.80	1.00	13.7
5-30	do	3.9	1.53	.75	6.0
6- 4	A. W. Hall	7.7	1.49	1.00	11.5
6-15	A. E. Johnston	5.8	1.64	.80	9.5
6-29	do	9.6	1.87	1.30	17.9
7-24	do	9.4	1.83	1.30	17.2
7-28	do	9.6	1.81	1.30	17.4
7-29	do	8.6	1.68	1.20	14.4
7-29	do	7.8	1.84	1.10	14.4
8- 3	A. W. Hall	9.0	1.65	1.15	14.9
8- 9	A. E. Johnston	8.9	1.85	1.20	16.5
8-19	do	7.4	1.53	1.10	11.3
9- 3	do	7.4	1.54	1.20	11.4
9-30	do	6.1	1.62	1.00	9.9
<b>1927</b>					
5-21	A. E. Johnston	5.2	1.69	0.90	8.8
6-28	do	8.9	1.77	1.30	15.8
7-16	do	8.9	1.62	1.10	14.4
7-27	do	8.0	1.65	1.10	13.2
8- 5	do	7.9	1.75	1.10	13.8
8-25	do	4.5	1.18	.80	5.3
9-16	do	6.4	1.48	1.00	9.5
<b>1928</b>					
4-26	A. E. Johnston	.....	.....	.....	0.0
6- 1	do	8.7	1.45	1.00	12.6
6- 6	do	7.0	1.53	.85	10.7
6-29	do	3.3	.88	.45	2.9
7-24	do	.....	.....	.....	.0
8-10	do	6.8	1.87	.70	12.7
8-27	do	6.6	1.77	.85	11.7
9- 5	do	5.6	1.20	.70	6.7
9-19	do	8.5	1.62	1.10	13.8
10-19	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

PAISLEY CANAL LATERAL  
Sec. 13, Twp. 16, Rge. 43 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1926					
8- 3	A. W. Hall	7.4	0.60	.....	0.9

## PARKS CANAL—APPLICATION 1444

Diverted from Republican River in Sec. 20, Twp. 1, Rge. 39 W.

1921					
5-18	Palmer and Bailey	4.6	1.29	0.65	5.9
8-26	do	6.1	1.89	1.10	11.3
1923					
6-20	A. E. Johnston	0.0	0.00	.....	0.0
7-18	do	.0	.00	.....	.0
8- 4	do	.0	.00	.....	.0
8-28	E. F. Ketcham	.0	.00	.....	.0
9-19	A. E. Johnston	.0	.00	.....	.0
10-12	do	.0	.00	.....	.0
1924					
5-31	A. E. Johnston	8.0	0.98	.....	7.8
6-26	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
1925					
8-10	C. E. Franklin	1.3	0.92	.....	1.2
8-24	do	1.2	.82	0.92	1.0
9- 7	do	1.4	1.03	.....	1.5
9-25	do	.2	.82	.....	.2
10-13	do	.....	.....	.....	.0
1926					
5- 5	C. E. Franklin	6.0	1.45	.....	8.7
5-18	do	7.2	1.39	.....	10.0
5-27	do	7.2	.90	.....	6.5
6-16	do	10.8	.90	.....	9.7
6-28	do	9.0	.96	.....	8.6
7-15	do	7.0	1.18	.....	8.3
8- 9	do	.....	.....	.....	.0
8-20	do	.....	.....	0.40	†.3
1927					
4-21	Franklin and Whitehead	.....	.....	.....	0.0
5- 3	C. E. Franklin	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
5-30	do	7.2	1.29	.....	9.3
6-29	do	.....	.....	.....	.0
7-12	Franklin and Whitehead	.....	.....	.....	.0
7-27	C. E. Franklin	.....	.....	.....	.0
8-29	do	.....	.....	.....	.0
9- 8	do	.....	.....	.....	.0
10- 6	do	.....	.....	.....	.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

PARKS CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1925					
5-24	C. E. Franklin	.....	.....	.....	0.0
6-19	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9-11	do	8.8	0.92	.....	8.1
9-21	do	3.2	.84	.....	2.7

## PATRICK CANAL—DOCKET 725

Diverted from Sand Creek in Sec. 10, Twp. 15, Rge. 40 W.

1923					
8-27	A. H. Atkins	.....	.....	.....	0.0
9-27	do	.....	.....	.....	.0
1924					
7-16	A. E. Johnston	.....	.....	.....	0.0
7-24	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
1925					
5-19	A. E. Johnston	.....	.....	.....	0.0
6- 2	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
1926					
6-14	A. E. Johnston	1.5	1.40	.....	2.2
7-23	do	.....	.....	.....	.0
1927					
8- 5	A. E. Johnston	.....	.....	.....	0.0
1928					
9- 4	A. E. Johnston	.....	.....	.....	0.0
10-18	do	1.2	1.50	.....	1.8

## PAXTON-HERSHEY CANAL—DOCKET 653

Diverted from North Platte River in Sec. 18, Twp. 14, Rge. 33 W.

Measurements made at rating flume

1918					
5-20	T. C. Palmer	24.3	1.16	.....	28.3
6-10	do	21.3	1.90	1.35	40.6
6-17	do	19.2	1.50	1.20	28.8
6-29	do	26.3	1.76	1.60	46.2
7- 1	do	14.5	1.51	.90	22.0
7-14	do	24.1	1.49	1.40	36.1
8-22	do	30.0	2.14	1.80	64.1

†Estimated.

MEASUREMENTS OF CANALS—Continued

PAXTON-HERSHEY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
9- 2	T. C. Palmer	21.2	1.82	1.30	38.7
9- 7	do	23.3	1.93	1.40	45.1
9-16	do	25.1	2.10	1.50	52.9
9-26	do	23.3	1.99	1.40	46.4
<b>1919</b>					
7-16	Earl North	25.5	2.16	1.50	55.1
8- 1	do	34.0	2.30	2.00	78.1
8- 7	do	13.6	1.91	1.00	26.0
8-11	do	23.8	2.15	1.50	51.3
8-14	do	30.6	2.18	1.80	66.6
8-23	do	.....	.....	.....	.0
9- 1	do	25.5	1.82	1.50	26.6
9- 6	do	30.6	1.93	1.80	59.0
9-10	do	22.2	1.73	1.20	38.3
9-20	do	.....	.....	.....	.0
10- 7	do	.....	.....	.20	.0
<b>1920</b>					
7- 1	G. K. Baumgartner	30.0	2.42	1.80	72.2
7-10	do	12.6	1.80	.90	22.8
7-17	do	23.8	2.19	1.40	52.2
7-30	do	20.8	2.12	1.30	44.1
8- 5	do	41.4	2.55	2.40	105.8
8-16	do	24.5	2.40	1.40	58.8
9- 3	Palmer and Willis	28.4	2.50	1.70	71.0
<b>1921</b>					
7- 8	A. H. Atkins	22.2	2.28	1.30	50.8
7-14	*J. K. Rohrer	.....	.....	1.67	77.0
7-15	A. H. Atkins	22.9	2.36	.....	54.2
7-28	do	38.9	2.93	2.30	114.0
8- 3	do	21.9	3.13	1.30	68.5
8-12	do	11.2	3.01	.71	33.7
8-18	do	8.5	2.62	.50	22.3
8-27	do	24.3	2.68	1.50	65.2
<b>1922</b>					
5-17	A. E. Johnston	18.0	2.68	1.00	48.3
6- 2	do	18.0	2.08	1.00	37.6
6-26	do	29.3	2.33	1.90	68.4
7- 3	do	18.0	2.82	1.00	50.9
7-10	do	9.0	2.63	.50	23.7
7-22	do	8.5	2.61	.50	22.2
7-29	do	27.2	2.51	1.60	68.3
8- 8	do	25.5	2.48	1.50	63.3
8-12	do	22.1	2.39	1.30	53.0
8-30	do	30.6	2.47	1.80	75.8
9- 9	Johnston and Eyerly	34.0	2.61	2.00	88.8
9-20	Johnston and Easterday	11.0	4.20	1.00	46.3
9-26	A. E. Johnston	14.4	3.59	1.20	51.8
9-30	do	27.2	2.84	1.60	77.4

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

PAXTON-HERSHEY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-18	A. E. Johnston	18.7	2.61	1.10	48.9
5-30	do	6.8	1.78	.40	12.1
6-14	do	.0	.00	.00	.0
6-30	do	17.6	2.80	1.00	49.3
7-11	A. H. Atkins	18.2	3.70	1.40	67.3
7-27	do	24.0	2.70	1.50	64.9
7-30	E. F. Ketcham	52.4	1.58	.....	83.2
8-10	A. E. Johnston	24.6	2.53	1.45	62.5
8-14	A. H. Atkins	35.4	2.03	1.50	72.1
8-27	do	22.4	.95	.70	21.3
9- 8	do	11.7	1.90	.75	22.3
9-13	A. E. Johnston	15.8	2.27	.90	36.0
9-28	A. H. Atkins	8.2	2.18	.60	17.8
10- 3	do	16.8	2.03	1.10	34.2
10-18	A. E. Johnston	.0	.00	.00	.0
<b>1924</b>					
4-22	A. E. Johnston	11.4	1.53	0.65	17.5
5-22	do	38.7	2.36	1.70	91.5
6-16	do	.....	.....	.....	.0
7-17	do	29.9	2.12	1.70	63.6
7-23	do	31.7	2.30	1.80	73.1
8- 4	C. G. Hrubesky	36.3	2.40	2.18	87.3
8-19	do	23.3	2.29	1.38	53.7
8-30	do	28.8	2.20	1.71	63.4
<b>1925</b>					
5- 7	A. E. Johnston	.....	.....	.....	0.0
5-18	do	26.4	2.17	1.50	57.4
6- 5	do	21.0	2.14	1.20	44.9
6-13	do	38.7	2.31	2.20	89.3
6-27	do	38.7	2.53	2.30	98.0
7- 8	do	26.3	2.50	1.50	65.7
7-20	do	40.0	2.76	2.45	110.4
7-23	O. H. Eyerly	.....	.....	2.20	.....
7-25	do	.....	.....	2.30	.....
8- 5	A. E. Johnston	40.4	2.42	2.40	98.0
8-12	do	32.1	2.41	1.95	77.4
8-27	do	21.8	2.30	1.30	50.3
9- 3	do	32.4	2.20	1.98	71.2
9-17	do	18.4	2.46	1.00	45.2
9-24	do	4.5	1.40	.30	6.3
<b>1926</b>					
4-28	A. E. Johnston	16.7	2.50	1.05	41.6
5-19	do	25.6	2.68	1.55	68.7
6-12	do	28.5	2.84	1.70	80.9
6-26	do	21.1	2.84	1.30	59.8
7-22	do	31.4	2.94	1.90	92.5
7-31	do	26.4	2.86	1.60	75.3
8- 8	do	48.4	3.08	2.90	149.0



## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

PAXTON-HERSHEY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
8-21	A. E. Johnston	21.6	2.32	1.30	50.0
9- 1	do	41.2	2.53	2.40	104.2
9-28	do	13.4	2.21	.80	29.7
10-25	do	20.9	2.57	1.30	53.7
<b>1927</b>					
5- 5	A. E. Johnston	10.4	1.41	0.60	14.7
5-20	do	13.3	1.98	.85	26.4
6-14	do	23.2	2.45	1.40	56.8
6-30	do	42.0	2.43	2.45	102.0
7-15	do	44.7	2.76	2.70	123.6
7-19	do	42.1	2.61	2.50	110.2
7-25	do	32.4	2.56	1.90	83.2
8- 6	do	25.1	2.43	1.50	61.9
8-23	do	10.4	2.15	.70	22.4
9-14	do	21.2	2.69	1.30	57.0
10- 6	do	9.1	2.17	.60	19.7
10-28	do	.....	.....	.....	.0
<b>1928</b>					
4-24	A. E. Johnston	15.7	2.33	0.90	36.6
5-29	do	38.5	2.48	2.30	95.6
6- 8	do	35.8	2.28	2.10	81.6
6-27	do	26.8	2.33	1.60	62.6
7-18	do	48.2	2.60	2.80	125.8
7-26	do	26.9	2.54	1.60	68.3
8- 9	do	28.3	2.76	1.70	78.0
8-21	do	67.2	2.68	3.90	180.3
8-22	do	34.2	2.44	2.00	83.5
8-28	do	30.4	2.39	1.80	72.8
9- 3	do	38.7	2.54	2.20	98.2
9-17	do	21.2	2.19	1.30	46.4
10-17	do	.....	.....	.....	.0

## PERSINGER CANAL—DOCKET 297

Diverted from Lodgepole Creek in Sec. 33, Twp. 14, Rge. 46 W.

<b>1924</b>					
6- 4	A. E. Johnston	.....	.....	.....	0.0
8-15	do	1.2	0.48	.....	.6
<b>1925</b>					
5- 8	C. E. Franklin	3.2	0.81	.....	2.6
6-21	do	1.8	.84	.....	1.5
7-10	do	1.3	.44	.....	.6
<b>1926</b>					
4-28	C. E. Franklin	5.1	0.51	.....	2.6
6-12	do	3.7	.53	1.00	2.0
6-24	do	3.5	.72	1.00	2.6
7- 9	do	3.0	.40	.80	1.5
8- 6	do	2.5	.30	.70	.8
9- 2	do	.....	.....	.10	.0

MEASUREMENTS OF CANALS—Continued

PERSINGER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-11	C. E. Franklin	.....	.....	.....	0.0
4-28	do	2.1	0.76	0.59	1.6
7-21	do	1.9	.16	.55	.3
8-18	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
6- 2	C. E. Franklin	.....	.....	0.10	†0.3
6-13	do	2.1	0.24	.18	.5
9- 6	do	2.3	.26	.....	.6
9-19	do	.....	.....	.....	.0
9-29	do	3.2	.31	.....	1.0

PETERS CANAL—DOCKET 913

Diverted from Pumpkinseed Creek in Sec. 2, Twp. 19, Rge. 55 W.

<b>1923</b>					
7-14	A. H. Atkins	4.7	1.34	.....	6.4
9-27	A. E. Johnston	2.4	1.00	.....	2.4
<b>1925</b>					
7- 6	C. E. Franklin	2.2	0.93	.....	2.0
<b>1927</b>					
8-16	C. E. Franklin	2.9	0.91	.....	2.7
<b>1928</b>					
8-21	C. E. Franklin	.....	.....	.....	0.0
9-25	do	.....	.....	.....	†.5

PHELAN CANAL—APPLICATION 265

Diverted from Rock Creek in Sec. 20, Twp. 1, Rge. 39 W.

<b>1921</b>					
8-26	Palmer and Bailey	2.1	1.15	0.68	2.4
<b>1923</b>					
6-22	A. E. Johnston	0.0	0.00	.....	0.0
7-18	do	.0	.00	.....	.0
8- 4	do	.0	.00	.....	.0
8-28	E. F. Ketcham	.0	.00	.....	.0
<b>1924</b>					
9- 5	A. E. Johnston	.....	.....	.....	0.0
<b>1925</b>					
5-26	C. E. Franklin	0.8	0.87	0.66	0.7
<b>1926</b>					
8- 9	C. E. Franklin	.....	.....	.....	†0.5
8-20	do	.....	.....	.....	.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

 PHELAN CANAL  
 (Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
5- 3	C. E. Franklin	.....	.....	.....	0.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
8-26	do	0.5	0.90	.....	.5
10- 6	do	.....	.....	.....	.0
<b>1928</b>					
5-24	C. E. Franklin	1.0	0.73	0.60	0.8
6-19	do	.....	.....	.....	.0
7-10	do	2.4	.32	.....	.8
7-31	do	.....	.....	.....	†.5
8-18	do	.....	.....	.....	†.7

## PIONEER CANAL—DOCKETS 442a, 442b

Diverted from Niobrara River in Sec. 36, Twp. 29, Rge. 51 W.

<b>1924</b>					
5-31	A. E. Johnston	24.0	1.55	2.50	37.2
6-26	do	24.0	1.40	2.40	33.7
8- 1	Johnston and Heywood	.....	.....	.....	.0
<b>1925</b>					
9-11	A. E. Johnston	14.0	0.95	.....	13.4
<b>1926</b>					
9-10	A. E. Johnston	6.0	0.97	.....	South 5.8
9-10	do	10.2	.51	.....	North 5.0
<b>1927</b>					
8-29	A. E. Johnston	.....	.....	.....	0.0
9-20	do	.....	.....	.....	.0
11- 2	do	.....	.....	.....	.0
<b>1928</b>					
4-30	A. E. Johnston	.....	.....	.....	0.0
4-30	do	.....	.....	.....	.0
7- 2	do	.....	.....	.....	.0
7- 2	do	.....	.....	.....	.0
8-15	do	.....	.....	.....	.0
8-15	do	.....	.....	.....	.0
9-24	do	16.8	0.51	.....	8.6
9-24	do	.....	.....	.....	.0
10-23	do	.....	.....	.....	.0
10-23	do	.....	.....	.....	.0

## POLLY CANAL—DOCKETS 342, 344

Diverted from Lodgepole Creek in Sec. 30, Twp. 15, Rge. 55 W.

<b>1925</b>					
4-27	C. E. Franklin	3.3	1.06	.....	3.5
5- 4	A. E. Johnston	3.8	.74	1.35	2.9
5- 5	do	2.2	1.29	1.15	2.9

†Estimated.

## MEASUREMENTS OF CANALS—Continued

POLLY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-11	Hall and Hanna	5.0	.50	1.20	2.5
5-22	Johnston and Hanna	5.0	.48	1.10	2.4
5-23	do	4.8	.46	1.10	2.2
6- 3	C. E. Franklin	3.7	.57	.....	2.1
7- 7	do	2.9	.18	.72	.5
8-15	do	.....	.....	.....	.0
8-28	do	3.5	.89	1.50	3.1
9-10	do	3.5	.49	1.10	1.7
9-27	do	.....	.....	.....	.0
<b>1926</b>					
4-23	C. E. Franklin	3.2	1.19	.....	3.8
5-10	do	2.7	.57	0.26	1.6
5-23	do	.....	.....	.....	.0
6- 7	do	.....	.....	.....	.0
7- 3	do	.....	.....	.52	.0
7-31	do	.....	.....	.74	6.6
8-13	do	.....	.....	.45	3.0
8-28	do	.....	.....	.78	6.2
<b>1927</b>					
4-28	C. E. Franklin	.....	.....	.....	0.0
5-11	do	.....	.....	.....	.0
5-24	do	.....	.....	0.65	5.1
7- 1	do	.....	.....	.27	1.2
7-16	do	.....	.....	.32	1.5
8- 4	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
8-22	A. W. Hall	.....	.....	.....	.0
8-31	C. E. Franklin	.....	.....	.....	.0
9-24	do	5.0	0.56	.....	2.8
<b>1928</b>					
5- 4	C. E. Franklin	.....	.....	.....	0.0
6- 5	do	.....	.....	.....	.0
6-28	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-23	do	7.4	0.54	1.70	4.0
9-15	do	.....	.....	.....	.0
9-26	do	9.1	.58	1.90	5.3
10-16	do	.....	.....	.....	.0
10-25	do	1.6	.85	.....	1.4
<b>POMEROY CANAL—No. 1—DOCKET 308—APPLICATION 723</b>					
Diverted from Lodgepole Creek in Sec. 15, Twp. 14, Rge. 51 W.					
<b>1925</b>					
5- 2	C. E. Franklin	1.0	0.79	.....	0.8
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
7-12	do	.....	.....	.....	.0
5-27	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## POMEROY CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
7-19	C. E. Franklin	.....	.....	.....	0.0
8- 5	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	C. E. Franklin	1.5	0.49	.....	0.7
6- 7	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

## PORTERS CANAL—APPLICATION 1298

Diverted from Buffalo Creek in Sec. 1, Twp. 1, Rge. 41 W.

**1923**

10-12	A. E. Johnston	.....	.....	.....	0.0
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## PREMIER CANAL—DOCKET 340

Diverted from Lodgepole Creek in Sec. 3, Twp. 14, Rge. 58 W.

**1925**

4-30	C. E. Franklin	0.9	1.59	.....	1.8
5-12	Hall and Hanna	2.9	2.18	.....	6.3
6- 3	C. E. Franklin	1.7	1.41	.....	2.4
6-18	do	1.7	.80	.....	1.3
7- 7	do	1.9	.38	.....	.7
8- 4	do	.....	.....	.....	.5
8-15	do	.....	.....	.....	*.....

**1926**

5-11	Franklin and Hanna	2.4	1.70	0.56	4.1
5-24	C. E. Franklin	.....	.....	.26	1.1
6- 7	Franklin and Hanna	.....	.....	.25	1.1
7- 3	C. E. Franklin	.....	.....	.13	.4
7-30	do	.....	.....	.....	.0

**1927**

5-11	C. E. Franklin	.....	.....	.....	0.0
5-25	do	.....	.....	.....	.0
7- 1	do	.....	.....	0.15	.5
7-16	do	.....	.....	.40	2.2
8- 3	do	.....	.....	.52	3.0
8-17	do	.....	.....	.18	.6
9- 1	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0

**1928**

5- 2	C. E. Franklin	.....	.....	.....	0.0
6- 6	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0

\*Diversion Dam washed out.

## MEASUREMENTS OF CANALS—Continued

PREMIER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
7-20	C. E. Franklin	.....	.....	.....	0.0
8- 3	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

RADCLIFFE CANAL—(MIDDLE)—DOCKET 1034b  
Diverted from Cedar Creek in Sec. 34, Twp. 18, Rge. 48 W.

<b>1919</b>					
6-24	W. F. Chaloupka	2.8	1.73	.....	4.8

RALTON CANAL—APPLICATION 882  
Diverted from Lodgepole Creek in Sec. 36, Twp. 13, Rge. 45 W.

<b>1923</b>					
8- 2	A. E. Johnston	.....	.....	.....	0.0
8-24	E. F. Ketcham	.....	.....	.....	.0
<b>1924</b>					
8- 5	A. E. Johnston	.....	.....	.....	0.0
8-15	do	2.4	0.33	.....	1.1
<b>1925</b>					
6-22	C. E. Franklin	1.3	1.08	.....	1.4
<b>1927</b>					
4-29	C. E. Franklin	.....	.....	.....	0.0
7-15	do	2.1	0.27	.....	.6
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0

RAMSHORN CANAL—DOCKET 945  
Diverted from North Platte River in Sec. 13, Twp. 23, Rge. 28 W.  
Measurements made at rating flume

<b>1919</b>					
6-11	T. C. Palmer	4.7	0.92	0.60	4.2
6-17	do	9.4	1.09	1.08	10.3
8-24	do	13.9	1.15	1.40	16.0
7- 1	do	8.7	.84	1.00	7.3
7-22	do	9.7	.36	1.15	3.4
8- 7	do	16.2	.84	1.70	13.6
8-14	do	8.5	.45	1.00	3.8
9-23	do	.....	.....	.....	.0
<b>1920</b>					
6-29	T. C. Palmer	11.2	1.82	0.80	20.4
7-13	*J. K. Rohrer	.....	.....	.60	10.0
7-14	T. C. Palmer	9.1	1.23	.65	11.2
7-29	do	12.6	1.17	.88	14.7
8-18	do	13.5	1.27	.90	17.1
8-27	do	2.3	.37	.70	.8

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

RAMSHORN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1921</b>					
6-22	T. C. Palmer	11.6	1.27	0.80	14.7
7- 6	do	5.7	1.05	.40	6.0
7-11	*J. K. Rohrer	.....	.....	.30	1.0
8-10	T. C. Palmer	13.5	1.77	.85	23.4
8-20	do	12.6	1.74	.80	22.0
8-31	do	11.9	1.35	.70	16.0
<b>1922</b>					
6-13	T. C. Palmer	3.0	0.83	0.30	2.5
7-13	do	16.6	1.22	1.10	20.3
8-23	do	17.7	1.15	1.10	20.4
8-28	Finley and Palmer	17.7	.95	1.10	16.9
10- 4	A. E. Johnston	.0	.00	.00	.0
<b>1923</b>					
5- 9	Johnston and Ketcham	0.0	0.00	.....	0.0
5-29	E. F. Ketcham	.0	.00	.....	.0
6-16	do	.0	.00	.....	.0
7- 9	A. E. Johnston	19.0	1.25	1.20	23.9
7-28	do	12.3	1.21	.90	14.9
8-14	E. F. Ketcham	9.5	.88	.80	8.4
8-27	A. E. Johnston	11.3	1.04	.....	11.8
9-18	A. H. Atkins	9.8	.93	.95	9.2
9-22	do	.0	.00	.00	.0
10- 1	A. E. Johnston	.0	.00	.00	.0
<b>1924</b>					
6- 7	A. E. Johnston	11.1	1.36	1.00	15.1
7- 2	do	9.1	.54	.80	5.0
7- 8	do	12.5	.90	1.00	11.3
7-28	C. G. Hrubesky	18.3	1.30	1.45	23.9
8-12	do	17.4	.93	1.45	16.1
8-29	A. E. Johnston	18.1	1.20	1.40	22.2
9- 6	C. G. Hrubesky	17.0	1.54	1.46	26.3
9-17	Johnston and Atkins	10.8	.54	.98	10.2
<b>1925</b>					
4-23	Johnston and Franklin	.....	.....	.....	0.0
5-20	A. W. Hall	12.6	2.32	1.00	28.3
6- 5	do	.....	.....	.....	.0
6-20	do	.....	.....	.....	.0
7- 2	do	10.0	1.63	.80	16.3
7-31	do	13.3	1.49	1.00	19.8
9- 3	do	11.6	.81	.90	9.4
9-29	A. E. Johnston	7.1	.90	.60	6.4
10-21	do	.....	.....	.....	.0
<b>1926</b>					
5-20	A. W. Hall	10.6	2.04	0.75	21.7
6- 3	do	11.1	1.63	.70	18.2
7- 9	do	10.4	1.77	.95	18.3

\*U. S. R. S. Measurements

## MEASUREMENTS OF CANALS—Continued

RAMSHORN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
7-22	A. W. Hall	12.3	1.30	.90	16.0
8-13	do	11.3	1.46	.85	16.3
8-27	do	18.9	1.21	1.00	23.0
9-15	do	.....	.....	.....	.0
<b>1927</b>					
5-25	A. W. Hall	.....	.....	.....	0.0
6-10	do	18.3	1.14	1.30	21.0
7- 8	do	16.5	.82	1.35	13.6
7-15	do	21.3	.99	1.50	21.1
8- 5	do	.....	.....	.40	.0
8-26	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	A. W. Hall	6.6	1.60	0.45	10.6
5-17	do	20.0	1.56	1.40	31.2
6-15	do	14.0	1.37	1.10	19.2
6-30	do	14.8	.90	1.30	13.3
8-16	do	17.9	.22	1.45	40.0
8-27	do	26.9	.96	1.90	25.8
<b>RANDALL BROTHERS CANAL—APPLICATION 1100</b>					
Diverted from Lawrence Fork in Sec. 21, Twp. 18, Rge. 52 W.					
<b>1919</b>					
7-15	W. F. Chaloupka	4.3	0.76	.....	3.2
<b>1920</b>					
7-23	W. F. Chaloupka	4.2	1.07	0.80	4.5
7-23	do	3.1	.91	.50	2.8
8-14	T. C. Palmer	3.4	1.57	.57	5.4
<b>1921</b>					
8-20	W. F. Chaloupka	4.8	0.84	.....	4.0
<b>1922</b>					
6-17	T. C. Palmer	4.2	1.14	.....	4.8
6-26	Chaloupka and Atkins	5.8	.96	.....	5.6
6-29	Atkins and Palmer	6.5	.65	1.50	4.2
6-30	A. H. Atkins	9.5	1.40	1.52	13.3
7-10	do	3.7	1.00	1.40	3.7
8-19	do	3.8	1.65	.....	6.3
8-25	do	3.5	1.31	.....	4.6
8-25	do	3.7	1.56	.....	5.8
<b>1923</b>					
7-14	A. H. Atkins	3.3	0.73	.....	2.4
8-20	do	.....	.....	.....	.0
<b>1924</b>					
9-12	A. E. Johnston	.....	.....	.....	0.0
<b>1927</b>					
6-22	A. W. Hall	.....	.....	.....	0.0



## MEASUREMENTS OF CANALS—Continued

RIVERSIDE CANAL—DOCKET 18—APPLICATION 1674  
 Diverted from Frenchman River in Sec. 33, Twp. 4, Rge. 32 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1919</b>					
10-24	Palmer and Bailey	10.6	0.95	.....	10.1
<b>1920</b>					
10-30	Bailey, Willis and Palmer	17.3	0.63	1.55	10.9
<b>1921</b>					
5-19	Palmer and Bailey	6.3	0.89	0.90	5.6
8-24	T. C. Palmer	14.0	1.12	2.00	15.7
<b>1922</b>					
6-24	T. C. Palmer	11.2	1.33	1.40	14.9
7- 8	do	10.1	1.35	1.20	13.7
8- 2	Palmer and Strong	11.9	1.38	1.65	16.5
<b>1923</b>					
4-16	Johnston and Strong	12.4	1.41	1.90	17.5
6-21	A. E. Johnston	9.0	1.09	1.20	9.8
7-19	do	7.8	1.19	.....	9.4
8- 4	do	7.9	1.22	1.30	9.8
8-26	E. F. Ketcham	13.7	.70	.....	9.6
9-18	A. E. Johnston	14.2	.70	2.30	10.1
10-12	do	11.4	.88	2.00	10.1
<b>1924</b>					
5-29	A. E. Johnston	16.2	2.09	.....	33.9
6-25	do	1.9	7.43	.....	14.2
7-10	Hall and Whitehead	10.1	1.38	.....	14.0
8- 7	A. E. Johnston	11.2	1.30	.....	14.5
1- 6	do	12.9	1.26	.....	16.4
<b>1925</b>					
5-19	C. E. Franklin	11.3	1.49	.....	16.9
6- 9	do	10.9	1.37	.....	14.9
6-25	do	9.7	1.25	.....	12.1
7-17	do	.....	.....	.....	.0
7-24	Franklin and Whitehead	.....	.....	.....	.0
8- 8	do	8.3	1.00	.....	8.3
8-20	do	6.4	1.08	.....	6.9
9- 3	C. E. Franklin	9.4	1.36	.....	12.8
9-19	do	.....	.....	.....	.0
10-12	do	2.9	.52	.....	1.5
<b>1926</b>					
3-21	C. E. Franklin	6.3	1.43	1.00	9.0
4- 3	do	6.0	1.32	.....	7.9
4-17	do	8.0	1.93	1.37	15.5
5- 3	do	.....	.....	.....	.0
5-15	Franklin and Whitehead	3.3	1.22	.50	4.0
5-28	do	5.2	1.38	.80	7.3
6-15	C. E. Franklin	.....	.....	.....	.0
6-27	do	7.2	1.93	1.15	14.0
7-14	do	7.4	1.55	1.05	11.5
8- 8	do	.....	.....	.....	.0
8-22	do	8.5	1.47	1.10	12.5

## MEASUREMENTS OF CANALS—Continued

RIVERSIDE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-18	C. E. Franklin	.....	.....	.....	0.0
4-30	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.6
5-28	do	.....	.....	.....	.0
6-28	do	12.6	1.41	2.00	17.7
7- 9	do	10.7	1.49	1.70	15.9
7-25	do	10.7	1.34	1.70	14.3
8- 7	do	11.0	1.35	1.75	14.9
8-22	do	9.4	1.11	1.50	10.5
9- 6	do	10.4	.99	1.50	10.5
10- 1	do	8.2	.68	1.40	5.6
<b>1928</b>					
5-21	C. E. Franklin	5.8	1.07	1.20	6.2
6-21	do	.....	.....	1.20	4.3
7-14	do	7.2	.94	1.25	6.8
7-27	do	.....	.....	.....	.0
8-15	do	8.0	1.56	.....	12.3
9- 8	do	9.4	1.44	.....	13.5
9-20	do	9.2	1.19	.....	10.9
10- 1	do	.....	.....	.....	15.6
10-19	do	7.2	.72	.....	5.2
<b>ROBERTS CANAL—APPLICATION 1241—O. D. DOCKET 918</b>					
Diverted from Dry Spotted Tail Creek in Sec. 16, Twp. 23, Rge. 56 W.					
<b>1927</b>					
6-17	A. W. Hall	2.0	1.14	.....	2.3
<b>RUDISEL DAM—APPLICATION 1970</b>					
Diverted from Rock Canyon Creek in Sec. 35, Twp. 3, Rge. 37 W.					
<b>1926</b>					
6-18	C. E. Franklin	.....	.....	.....	0.0
8-17	do	.....	.....	.....	.0
<b>RUNGE CANAL—No. 1—DOCKET 329</b>					
Diverted from Lodgepole Creek in Sec. 20, Twp. 14, Rge. 50 W.					
<b>1923</b>					
6-22	E. F. Ketcham	.....	.....	.....	0.0
8-30	do	.....	.....	.....	.0
<b>1925</b>					
8-17	C. E. Franklin	0.5	0.75	0.50	0.4
8-27	do	.....	.....	.....	.0
<b>1927</b>					
4- 5	C. E. Franklin	.....	.....	.....	0.0
4-27	do	.....	.....	.....	.3
5-26	do	.....	.....	.....	.5
7-20	do	.....	.....	.....	.6
8- 5	do	2.5	1.15	1.00	2.3
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.10	.0
9-27	do	3.1	1.03	1.00	3.2

## MEASUREMENTS OF CANALS—Continued

RUNGE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
5- 5	C. E. Franklin	3.1	0.94	1.30	2.9
6- 8	do	.....	.....	.....	.0
7- 2	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-28	do	2.3	1.61	.98	3.7
<b>RUNGE CANAL—No. 2—DOCKET 338</b>					
Diverted from Lodgepole Creek in Sec. 20, Twp. 14, Rge. 50 W.					
<b>1923</b>					
8-30	E. F. Ketcham	4.2	1.14	.....	4.8
<b>1925</b>					
5- 4	C. E. Franklin	3.4	1.10	1.20	3.7
6- 5	do	2.8	1.18	1.05	3.3
6-20	do	.4	.61	.25	.2
7- 8	do	2.5	1.64	1.00	4.1
8- 5	do	.....	.....	.20	.0
8-17	do	.....	.....	.10	.0
8-27	do	.....	.....	.....	.0
<b>1926</b>					
4- 7	C. E. Franklin	2.0	1.35	0.75	2.6
4-22	do	2.7	1.08	1.12	3.0
5-25	do	3.1	1.11	1.00	3.5
7- 2	do	1.6	1.48	.70	2.4
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
<b>1927</b>					
4- 5	C. E. Franklin	.....	.....	.....	0.6
4-27	do	.....	.....	.....	.0
5-26	do	1.8	1.44	0.72	2.6
7-20	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-17	do	1.5	.91	.70	1.2
9- 2	do	.....	.....	.....	†.1
9-27	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	C. E. Franklin	.....	.....	.....	0.0
6- 8	do	3.1	0.81	1.30	2.5
7- 2	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-18	do	2.4	1.54	.90	3.7
9-28	do	.....	.....	.....	.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

## RUNGE CANAL No. 2, EXTENSION—DOCKET 338

Diverted from Lodgepole Creek in Sec. 20, Twp. 14, Rge. 50 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
6- 8	C. E. Franklin	.....	.....	.....	70.5
7-24	do	.....	.....	.....	.0

## RUSH CREEK CANAL—DOCKET 802

Diverted from North Platte River in Sec. 2, Twp. 17, Rge. 46 W.

Measurements made at rating flume

1920					
7- 8	G. K. Baumgartner	9.7	0.72	1.22	6.6
7-22	do	7.7	.76	.90	5.8
1921					
7-26	A. H. Atkins	6.9	0.21	0.44	1.5
1922					
5-31	A. E. Johnston	15.5	1.05	.....	16.3
6-30	do	5.6	.89	0.70	5.0
7-13	do	13.0	.71	.....	9.3
7-19	do	7.0	.71	.70	5.0
8- 3	do	8.0	.78	1.00	6.3
8-17	do	6.9	.61	.80	4.9
1923					
5-16	A. E. Johnston	3.9	0.81	.....	3.2
6-27	do	7.1	1.19	0.90	8.5
9-10	do	.0	.00	.....	.0
1924					
5-19	A. E. Johnston	4.2	1.14	.....	4.8
6-12	do	4.7	.99	.....	4.7
7-14	do	1.6	.65	.....	1.0
7-25	do	8.8	1.06	1.40	9.3
7-31	C. G. Hrubesky	2.2	.94	.....	2.0
8-15	do	4.5	.67	1.20	3.0
8-27	A. E. Johnston	2.7	.59	.....	1.6
9- 2	C. G. Hrubesky	3.1	.50	1.02	1.6
1925					
6- 1	A. E. Johnston	3.8	1.05	.....	4.0
6-16	do	2.2	.68	0.40	1.5
6-24	do	.....	.....	.....	.0
7-10	do	6.0	.50	.....	3.0
7-13	do	9.5	.84	1.70	8.0
8- 3	do	7.8	.94	1.30	7.3
8-24	do	1.4	.78	.35	1.1
9-15	do	2.4	.50	.50	1.2
1926					
6-16	A. E. Johnston	9.5	1.04	1.80	9.9
6-30	do	4.7	.55	.95	2.6
8-18	do	4.4	.50	1.00	2.3
9- 3	do	.....	.....	.....	.0
10- 1	do	.....	.....	.....	.0

† Estimated.

## MEASUREMENTS OF CANALS—Continued

RUSH CREEK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4- 4	A. E. Johnston	.....	.....	.....	0.0
6-27	do	3.9	0.22	0.95	.8
7-28	do	.....	.....	.....	.0
8- 4	do	3.8	.29	.90	1.1
8-26	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	.0
<b>1928</b>					
4-27	A. E. Johnston	.....	.....	.....	0.0
6- 2	do	5.8	0.17	1.10	1.9
6- 5	do	8.7	5.30	1.60	4.6
7-23	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
9-20	do	.....	.....	.....	.0
10-20	do	.....	.....	.....	.0

## RUTTNER CANAL—APPLICATION 1645

Diverted from Lodgepole Creek in Sec. 32, Twp. 14, Rge. 47 W.

<b>1925</b>					
5- 6	C. E. Franklin	1.84	0.81	.....	1.5
<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
7-21	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 2	C. E. Franklin	4.0	1.10	1.03	4.4
7-25	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9- 5	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

## RUTTNER CANAL—APPLICATION 906

Diverted from Lodgepole Creek in Sec. 30, Twp. 14, Rge. 47 W.

<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 8	C. E. Franklin	2.3	0.85	1.10	2.0
5-31	do	.....	.....	.....	.0
6- 6	do	4.5	1.27	1.15	5.7
6-13	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

RUTTNER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
6-29	C. E. Franklin	4.6	0.80	1.18	3.7
7-20	do	5.0	.58	1.30	2.9
8- 3	do	5.0	.82	1.21	1.6
8-24	do	5.9	.48	1.50	2.8
9-16	do	5.1	.98	1.24	5.0
9-27	do	4.8	.88	1.20	4.3
10-16	do	.....	.....	.....	†.5
10-26	do	.....	.....	.....	.0

RUTTNER-KINNEY CANAL—DOCKETS 348, 350—APPLICATIONS 718, 1828  
Diverted from Lodgepole Creek in Sec. 31, Twp. 15, Rge. 56 W.

1924					
9-10	C. G. Hrubesky	5.6	0.48	.....	2.7
1925					
4-29	C. E. Franklin	2.6	0.55	.....	1.3
5- 4	A. E. Johnston	3.2	.70	.....	2.2
5-12	Hall and Hanna	4.6	1.12	.....	4.1
5-22	Johnston and Hanna	3.1	1.42	0.90	4.4
6- 2	C. E. Franklin	.....	.....	.....	.0
6-16	do	2.5	.48	.63	1.2
6-17	do	4.2	.74	.87	3.1
6-18	do	3.2	.56	.84	1.8
7- 8	do	6.0	.25	1.10	1.5
8- 4	do	5.7	.49	1.35	2.8
8-15	do	3.9	.62	2.45	2.5
8-28	do	1.7	.41	.36	.7
9-11	do	2.7	.74	.54	2.0
9-27	do	3.2	.63	.61	2.0
1926					
5-11	C. E. Franklin	2.3	1.02	0.50	2.3
5-24	Franklin and Hanna	4.2	.95	.84	4.0
6- 6	C. E. Franklin	3.3	1.03	.65	3.4
6-10	do	.2	.70	.35	.1
7- 3	do	3.6	.72	.78	2.6
7-31	do	3.2	.80	.68	2.6
8- 5	do	.....	.....	.....	.0
8-28	do	3.4	.98	.69	3.1
1927					
4-26	C. E. Franklin	.....	.....	.....	0.0
5-11	do	.....	.....	.....	.0
5-25	do	.....	.....	0.50	3.4
7- 1	do	.....	.....	.68	5.4
7-16	do	.....	.....	.76	5.4
8- 4	do	.....	.....	.....	.0
8-17	do	4.0	1.17	.....	4.7
8-22	A. W. Hall	3.1	1.19	.70	3.7
8-31	C. E. Franklin	2.4	.96	.78	2.3
9-26	do	4.0	.98	1.00	3.9

†Estimated.

## MEASUREMENTS OF CANALS—Continued

## SAND CREEK CANAL—APPLICATION 974

Diverted from Sand Creek in Sec. 9, Twp. 14, Rge. 36 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-15	A. E. Johnston	0.1	0.40	.....	0.4
<b>1924</b>					
6-14	A. E. Johnston	.....	.....	.....	0.9

## SCHERMERHORN CANAL—APPLICATION 418

Diverted from North Platte River in Sec. 24, Twp. 20, Rge. 50 W.  
Measurement made in Sec. 11, Twp. 20, Rge. 51 W.

<b>1924</b>					
8-28	A. E. Johnston	9.9	0.68	.....	6.7
		Measurement made in Sec. 20, Twp. 20, Rge. 50 W.			
<b>1926</b>					
10- 9	A. E. Johnston	.....	.....	.....	1.4

## SCHERMERHORN CANAL

<b>1919</b>					
8- 1	W. F. Chaloupka	3.1	1.35	0.30	4.2
9-12	Palmer and North	30.6	.44	.....	9.1
<b>1921</b>					
8- 8	T. C. Palmer	10.4	0.89	.....	9.2
8-18	do	11.7	.81	.....	10.5
8-21	W. F. Chaloupka	21.8	.32	.....	7.0
8-29	T. C. Palmer	12.6	1.01	.....	12.8
9-26	do	10.4	1.12	.....	11.6
<b>1922</b>					
8-10	A. H. Atkins	12.1	1.55	1.20	18.8
8-17	do	12.9	1.68	1.32	21.7
8-26	do	12.1	1.40	1.00	17.0
9- 1	T. C. Palmer	11.8	.98	.80	11.6
10- 3	A. E. Johnston	.0	.00	.00	.0
11- 2	do	14.3	.71	.....	10.2
<b>1923</b>					
7-25	A. E. Johnston	3.9	1.33	.....	5.2
8-29	do	7.3	1.24	.....	9.1
12-10	Johnston and Hall	5.0	.51	.....	2.6
<b>1928</b>					
4- 4	A. W. Hall	2.7	0.67	0.50	1.5
4-17	do	2.8	.39	.30	1.1
5-19	do	2.4	.34	.30	.8
6- 5	do	8.5	2.94	1.00	2.5
6-29	do	.....	.....	.85	.....
7-18	do	8.0	.30	.85	2.4

## SEEGRIST CANAL—DOCKET 489

Diverted from Indian Creek in Sec. 3, Twp. 31, Rge. 50 W.

<b>1922</b>					
3-30	Palmer and Heywood	1.2	0.85	.....	1.0

## MEASUREMENTS OF CANALS—Continued

## SHALLENBERGER CANAL—APPLICATION 423

Diverted from Frenchman River in Sec. 25, Twp. 6, Rge. 39 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1926					
4-16	C. E. Franklin	6.0	0.35	.....	2.1
4-30	do	2.2	.85	.....	1.9
5-14	do	1.7	.70	.....	1.2
6-26	do	2.3	.62	.....	1.4
7-13	do	2.5	.42	.....	1.1

## SHEEP CREEK LATERAL—APPLICATIONS 1176, 1398—O. D., DOCKET 918

Diverted from Sheep Creek in Sec. 8, Twp. 23, Rge. 57 W.

1926					
7- 9	A. W. Hall	1.5	2.05	.....	2.8
7-22	do	9.1	2.14	.....	19.4
8-27	do	10.8	1.73	.....	18.7

## SHERIDAN-WILSON CANAL—DOCKET 710

Diverted from North Platte River in Sec. 20, Twp. 14, Rge. 35 W.

1925					
9-24	A. E. Johnston	2.6	0.85	.....	2.2
1926					
5-19	A. E. Johnston	3.4	1.04	.....	3.8
6-12	do	4.1	1.03	.....	4.2
6-26	do	3.9	1.08	.....	4.2
7-22	do	2.3	1.17	.....	2.7
7-31	do	3.2	1.15	.....	3.7
8-21	do	3.5	1.00	.....	3.5
9- 1	do	.....	.....	.....	.0
9-28	do	2.4	.75	.....	1.8
1927					
5- 5	A. E. Johnston	2.1	0.71	.....	1.5
5-20	do	2.1	.86	.....	1.8
6-14	do	.8	.62	.....	.5
6-30	do	2.8	.86	.....	2.4
7-15	do	1.5	.73	.....	1.1
7-25	do	1.3	.60	.....	.8
8- 6	do	3.2	.84	.....	2.7
8-23	do	.7	.87	.....	.6
9-14	do	.....	.....	.....	.0
1928					
4-24	A. E. Johnston	.....	.....	.....	0.0
5-29	do	2.7	0.85	.....	2.3
6- 8	do	8.7	.96	.....	8.4
6-27	do	2.8	1.11	.....	3.1
7-10	do	.8	.25	.....	.2
7-26	do	.....	.....	.....	.0
8- 9	do	.....	.....	.....	.0
8-28	do	4.5	.40	.....	1.8
9- 3	do	6.0	.53	.....	3.2
9-17	do	5.6	.57	.....	3.2
10-17	do	5.8	.74	.....	4.3



## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

## SHERIDAN-WILSON CANAL—DOCKET 710

Diverted from North Platte River in Sec. 20, Twp. 14, Rge. 35 W.  
Measurements made below Slough

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5-29	A. E. Johnston	3.9	1.23	.....	4.8

## SHERMAN COUNTY CANAL—DOCKETS 229a, 229b

Diverted from Loup River Middle Branch in Sec. 26, Twp. 17, Rge. 16 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1923					
7-13	E. F. Ketcham	.....	.....	.....	0.0
8-16	A. E. Johnston	23.4	2.72	.....	63.7
1924					
7-12	A. E. Johnston	.....	.....	.....	0.0
7-30	do	.....	.....	.....	.0
11-25	do	5.3	0.45	.....	2.4

## SHORT LINE CANAL—DOCKET 946

Diverted from North Platte River in Sec. 25, Twp. 21, Rge. 53 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1919					
7-21	T. C. Palmer	6.1	1.25	1.30	7.6
9-11	do	7.4	.82	1.10	6.0
1920					
6-17	T. C. Palmer	4.0	2.14	0.65	8.6
7- 1	do	5.3	2.47	.70	13.0
7-16	do	9.1	2.17	1.15	19.7
8-25	do	5.3	1.21	1.00	6.4
9- 8	do	6.8	1.09	.95	7.3
1921					
5-10	T. C. Palmer	4.6	1.95	0.60	8.9
6-20	do	10.9	1.57	1.20	17.0
7- 5	do	11.0	1.27	1.30	14.0
8- 8	do	9.6	1.40	.55	13.3
8-18	do	9.9	1.35	.60	13.4
8-29	do	4.5	.72	.35	3.2
1922					
6-15	T. C. Palmer	13.3	1.61	1.00	21.5
7-24	Palmer and Finley	19.3	1.11	.....	21.6
7-25	T. C. Palmer	19.7	1.24	.....	24.5
8-30	Fuering and Palmer	4.7	1.12	.....	5.3
10- 3	A. E. Johnston	7.7	1.72	.....	12.3
1923					
5-11	Ketcham and Johnston	0.0	0.00	.....	0.0
7-12	A. E. Johnston	8.1	1.54	.....	12.5
7-25	do	15.7	1.97	.....	31.1
8-17	E. F. Ketcham	.0	.00	.....	.0
8-28	A. E. Johnston	.0	.00	.....	.0
9-17	A. H. Atkins	.0	.00	.....	.0
9-21	do	.0	.00	.....	.0

## MEASUREMENTS OF CANALS—Continued

SHORT LINE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
6- 6	A. E. Johnston	8.8	1.54	0.50	13.6
7- 1	do	22.7	2.38	.....	54.2
7-10	do	10.8	1.51	.....	16.4
7-24	C. G. Hrubesky	15.2	1.47	.....	22.5
8- 9	do	13.1	1.42	1.20	18.6
8-28	A. E. Johnston	7.0	.82	.85	5.7
9- 3	C. G. Hrubesky	10.9	1.31	.....	14.3
<b>1925</b>					
4-20	Johnston and Franklin	.....	.....	.....	0.0
5-18	A. W. Hall	12.8	1.30	.....	16.7
6- 4	do	12.7	1.32	1.40	16.7
6-18	do	23.3	1.49	1.60	34.7
6-30	do	29.0	1.49	1.50	43.3
7-30	do	13.5	1.24	1.15	16.7
9- 1	do	19.3	1.13	1.27	21.8
9-28	A. E. Johnston	.....	.....	.....	.0
<b>1926</b>					
6-21	A. W. Hall	.....	.....	.....	0.0
7- 7	do	13.7	1.86	1.45	25.5
7-23	do	19.5	1.30	1.70	25.3
8- 6	A. E. Johnston	13.5	1.18	1.20	16.0
8-23	A. W. Hall	7.5	1.16	.60	8.7
9-14	do	4.6	.72	.....	3.3
<b>1927</b>					
3-28	A. E. Johnston	.....	.....	.....	0.0
5-24	A. W. Hall	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
7- 8	do	16.6	1.76	0.60	29.3
<b>1928</b>					
5- 1	A. W. Hall	6.9	1.49	0.40	10.3
5-19	do	.....	.....	.....	.0
6-29	do	12.0	1.33	.60	16.0
7-19	do	11.9	1.22	.90	14.6
8-29	do	10.2	1.02	.60	10.4
<b>SIGNAL BLUFF CANAL—DOCKET 807</b>					
Diverted from North Platte River in Sec. 16, Twp. 16, Rge. 43 W.					
<b>1919</b>					
6-20	Earl North	13.0	1.40	1.40	18.2
7- 7	do	9.5	1.21	1.10	11.5
7-15	do	.....	.....	.....	.0
9-24	do	.....	.....	.....	.0
<b>1921</b>					
8-10	A. H. Atkins	.....	.....	.....	0.0
8-22	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## SIGNAL BLUFF CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
6-10	A. E. Johnston	18.0	0.18	2.10	3.3
7- 1	do	18.5	.26	2.20	4.8
7-13	do	10.8	.42	2.20	4.6
8- 8	T. C. Palmer	.0	.00	.00	.0
<b>1923</b>					
5-16	A. E. Johnston	0.0	0.00	-----	0.0
7-21	do	.0	.00	-----	.0
9-11	do	.0	.00	-----	.0
<b>1924</b>					
6-13	A. E. Johnston	-----	-----	-----	0.0
7-15	do	16.0	0.34	-----	5.5
8-27	do	2.6	.96	-----	2.5
<b>1925</b>					
5-20	A. E. Johnston	16.6	0.94	2.20	15.6
6- 2	do	15.6	.36	2.10	5.9
6-16	do	-----	-----	-----	.0
6-24	do	12.6	.32	2.10	4.1
7-10	do	14.8	.85	2.50	12.6
7-14	do	18.2	1.06	2.60	19.3
7-24	Johnston and Clark	15.8	.27	2.70	4.4
8- 3	A. E. Johnston	13.4	.91	2.10	12.2
8-25	do	12.8	.62	2.05	7.9
9-15	do	12.2	.68	2.00	8.3
<b>1926</b>					
6-15	A. E. Johnston	-----	-----	-----	0.0
6-29	do	10.9	0.75	1.50	8.2
7-24	do	6.0	.55	1.20	3.3
8-10	do	8.2	.43	1.00	3.5
8-19	do	-----	-----	-----	.0
9- 3	do	2.3	.22	.90	.5
9-30	do	7.4	.62	1.20	4.6
<b>1927</b>					
4- 5	A. E. Johnston	-----	-----	-----	0.0
6-28	do	10.6	0.73	1.60	7.7
7-27	do	14.1	1.21	2.05	17.1
8-25	do	-----	-----	-----	.0
9-16	do	-----	-----	-----	.0
<b>1928</b>					
4-26	A. E. Johnston	-----	-----	-----	0.0
6- 1	do	-----	-----	-----	.0
6- 6	do	-----	-----	-----	.0
6-29	do	2.4	0.71	-----	1.7
7-20	do	-----	-----	-----	.0
7-24	do	2.1	.95	1.35	2.0
8-10	do	-----	-----	-----	.0
9- 5	do	8.7	.65	1.70	5.7
9-19	do	14.2	.64	2.00	9.1
10-19	do	10.4	.78	1.80	7.8

MEASUREMENTS OF CANALS—Continued

SIMONS CANAL—APPLICATION 1626

Diverted from White River in Sec. 4, Twp. 32, Rge. 51 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-12	A. E. Johnston	1.6	2.12	.....	3.4
<b>1925</b>					
8-17	A. E. Johnston	0.3	0.40	.....	0.1
9- 9	do	.....	.....	.....	.0
<b>1926</b>					
5-26	A. E. Johnston	.....	.....	.....	0.0
7- 7	do	.....	.....	.....	.0
7-29	C. E. Franklin	.....	.....	.....	.0
<b>1927</b>					
6-23	A. E. Johnston	.....	.....	.....	0.0
8- 1	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
<b>1928</b>					
5- 3	A. E. Johnston	.....	.....	.....	0.0
7- 3	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
10-25	do	.....	.....	.....	.0

SIX MILE CANAL—DOCKET 680

Diverted from Platte River in Sec. 11, Twp. 11, Rge. 26 W.

Measurements made at rating flume

<b>1919</b>					
8- 9	Earl North	10.8	0.86	1.10	8.7
8-23	do	9.0	1.26	.80	11.3
9- 3	do	.....	.....	.....	.0
9- 4	do	.....	.....	.....	.0
9-17	do	9.0	1.64	.90	14.7
9-19	do	9.9	1.67	1.00	16.5
<b>1920</b>					
6-30	G. K. Baumgartner	5.9	1.79	0.50	10.5
7-13	do	2.0	1.48	.10	2.9
7-15	do	.5	1.54	.05	.8
8- 4	do	10.0	1.81	1.00	18.0
8-17	do	5.2	1.91	.50	9.9
8-19	do	5.9	1.61	.40	9.4
9- 6	Palmer and Willis	3.1	1.34	.00	4.2
<b>1921</b>					
7-31	A. H. Atkins	13.0	1.96	1.30	25.4
8-16	do	.....	.....	.....	.0
<b>1922</b>					
5- 5	A. E. Johnston	10.0	1.08	.....	10.8
6- 5	do	6.1	1.97	4.00	12.0
6-21	do	1.2	.66	3.00	.8
6-24	do	11.5	2.60	.90	29.9

## MEASUREMENTS OF CANALS—Continued

## SIX MILE CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
7- 5	A. E. Johnston	5.5	1.87	0.20	10.3
7-24	do	5.4	1.59	.20	8.6
7-27	do	4.6	1.58	.10	7.3
8- 9	do	5.8	1.55	.20	9.0
8-11	do	4.0	1.17	.02	4.7
8-28	do	.0	.00	.00	.0
9- 7	do	.0	.00	.00	.0
9-18	do	.0	.00	.00	.0
9-28	do	6.6	1.74	.20	11.5
<b>1923</b>					
5-20	A. E. Johnston	5.2	0.95	0.75	5.0
6- 1	do	.....	.....	.....	.0
7-31	A. H. Atkins	6.5	1.03	.90	6.7
8- 9	A. E. Johnston	9.6	1.31	1.30	12.6
8-12	A. H. Atkins	6.9	1.11	1.00	7.7
8-28	do	4.5	.92	.70	4.1
9- 7	do	.0	.00	.00	.0
9-14	A. E. Johnston	.....	.....	.....	.0
9-29	A. H. Atkins	.....	.....	.....	.0
<b>1924</b>					
5-24	A. E. Johnston	.....	.....	.....	0.0
6-18	do	4.6	1.37	0.70	6.3
7-18	do	7.9	1.48	1.10	11.7
7-21	do	10.1	1.36	1.30	13.8
8-20	C. G. Hrubesky	.....	.....	.....	†.5
8-29	do	4.1	1.00	.63	4.1
9-10	A. E. Johnston	2.7	1.07	.50	2.9
<b>1925</b>					
5-16	A. E. Johnston	.....	.....	.....	0.0
6- 8	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
7- 6	do	2.7	1.00	0.10	2.7
7-17	do	9.3	2.24	.95	20.8
7-25	R. F. Nosky	5.8	1.53	.50	8.9
7-30	do	6.7	1.70	.....	11.3
8- 7	A. E. Johnston	5.9	1.98	.60	11.7
8-10	do	4.2	2.00	.35	8.4
8-29	do	2.0	1.55	.00	3.1
9-19	do	2.3	1.43	.10	3.3
<b>1926</b>					
4-27	A. E. Johnston	10.6	3.02	1.25	32.0
5-17	do	3.3	1.54	.....	5.1
6-10	do	9.8	2.42	.90	23.4

†Estimated.

## MEASUREMENTS OF CANALS—Continued

SIX MILE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6-24	A. E. Johnston	.....	.....	.....	0.0
7-20	do	.....	.....	.....	.0
8- 3	do	8.6	2.48	0.65	21.3
8- 7	do	10.1	2.39	1.00	24.1
8-24	do	2.5	2.36	.00	5.9
8-30	do	7.1	2.60	.70	18.3
9-25	do	.....	.....	.....	.0
<b>1927</b>					
5-18	A. E. Johnston	1.8	1.55	.....	2.8
6-11	do	10.1	.85	1.10	8.6
7- 2	do	9.5	.89	1.15	8.4
7-13	do	13.6	1.30	1.60	17.6
7-22	do	12.5	1.26	1.60	15.8
8- 9	do	8.9	.80	.90	7.1
8-20	do	4.9	.29	.50	1.4
9-12	do	1.6	.88	.40	1.4
10- 4	do	1.2	.50	.40	.6
<b>1928</b>					
4-20	A. E. Johnston	.....	.....	.....	0.0
5-25	do	11.3	1.01	1.40	11.4
6-25	do	.....	.....	.....	.0
7-16	do	.....	.....	.....	.0
8- 7	do	11.3	.86	1.45	9.7
8-23	do	10.6	.69	1.40	7.3
8-30	do	12.8	.83	1.70	10.7
8-31	do	14.2	1.01	1.80	14.4
9-14	do	12.4	1.07	1.60	13.3
10-15	do	.....	.....	.....	.0

## SKUNK CREEK CANAL—APPLICATION 968

Diverted from Skunk Creek in Sec. 6, Twp. 14, Rge. 36 W.

<b>1927</b>					
6-29	A. E. Johnston	1.5	0.67	.....	1.0
7-15	do	1.3	.85	.....	1.1
9-15	do	.....	.....	.....	.0

## SLATTERY CANAL—APPLICATION 749

Diverted from Dead Horse Creek in Sec. 32, Twp. 33, Rge. 49 W.

<b>1925</b>					
5- 1	A. E. Johnston	3.4	0.77	.....	2.6
<b>1927</b>					
8- 1	A. E. Johnston	.....	.....	.....	0.0
<b>1928</b>					
7- 3	A. E. Johnston	1.9	0.68	.....	1.3
8-17	do	.....	.....	.....	.0

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

## SMITH CANAL—APPLICATION 850

Diverted from Lodgepole Creek in Sec. 12, Twp. 12, Rge. 45 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, Sec.-Ft.
<b>1923</b>					
8- 2	A. E. Johnston	.....	.....	.....	0.0
8-29	E. F. Ketcham	7.9	1.24	.....	9.8
<b>1927</b>					
8-19	C. E. Franklin	0.8	0.40	.....	0.3
9- 3	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.4

## SMITH'S PUMPING PLANT—APPLICATION 1702

Diverted from Wood River in Sec. 1, Twp. 9, Rge. 13 W.

<b>1926</b>					
8- 4	A. E. Johnston	2.9	1.14	.....	3.3

## SODERQUIST CANAL—APPLICATION 1237

Diverted from Lodgepole Creek in Sec. 36, Twp. 12, Rge. 45 W.

<b>1924</b>					
6-28	A. E. Johnston	.....	.....	.....	0.0
8-15	do	.....	.....	.....	.9
<b>1926</b>					
8- 6	C. E. Franklin	.....	.....	.....	0.2
8-25	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
<b>1927</b>					
4-28	C. E. Franklin	.....	.....	.....	0.0
7-15	do	.....	.....	.....	.9
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.5

## SODERQUIST CANAL—APPLICATION 1420

Diverted from Lodgepole Creek in Sec. 36, Twp. 13, Rge. 45 W.

<b>1927</b>					
4-28	C. E. Franklin	.....	.....	.....	0.0
7-15	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

## SOEHL CANAL—DOCKETS 697a, 697b

Diverted from Lonergan Creek in Sec. 17, Twp. 15, Rge. 39 W.

<b>1923</b>					
7-26	A. H. Atkins	.....	.....	.....	0.0
9-27	do	.....	.....	.....	.0
<b>1925</b>					
5-19	A. E. Johnston	.....	.....	.....	0.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
<b>1926</b>					
8- 9	A. E. Johnston	1.7	0.35	.....	0.6

## MEASUREMENTS OF CANALS—Continued

SOEHL CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
6-29	A. E. Johnston	.....	.....	.....	0.0 697a
6-29	do	.....	.....	.....	.0 697b
7-16	do	0.1	1.00	.....	.1 697a

## SOLDIER CREEK CANAL

Diverted from Soldier Creek near Ft. Robinson  
Sec. 18, Twp. 31, Rge. 52 W.

1922					
8- 5	A. H. Atkins	1.7	2.11	.....	3.6
1923					
6-29	E. F. Ketcham	4.9	0.45	.....	2.2
7-18	A. H. Atkins	2.4	1.02	.....	2.5
1924					
7-12	Johnston and Heywood	1.8	0.90	.....	1.7
10-10	J. D. Heywood	.....	.....	.....	.6
1925					
5-26	A. E. Johnston	1.1	1.45	.....	1.6
8-18	do	1.1	1.00	.....	1.1
9-10	do	.9	.81	.....	.7
1926					
5- 5	A. E. Johnston	0.6	1.33	.....	0.8
5-26	do	1.5	1.28	.....	1.9
7- 7	do	2.5	1.08	.....	2.7
8-13	do	2.4	1.04	.....	2.5
1927					
5-25	A. E. Johnston	.....	.....	.....	0.0
6-22	do	2.7	0.68	.....	2.0
8- 1	do	2.4	.75	.....	1.8
8-31	do	1.1	.57	.....	.7
9-20	do	.....	.....	.....	.0
1928					
5- 2	A. E. Johnston	.....	.....	.....	0.0
7- 3	do	0.3	0.26	.....	.1
8-16	do	2.4	.71	.....	1.7
9-26	do	.....	.....	.....	.0
10-24	do	.....	.....	.....	.0

## SPRING CREEK CANAL—DOCKET 473

Diverted from Spring Creek, Tributary to Little Cottonwood,  
in Sec. 13, Twp. 32, Rge. 51 W.

1924					
7-30	A. E. Johnston	.....	.....	.....	0.0
1925					
4-28	A. E. Johnston	2.3	0.52	.....	1.2
5-26	do	.....	.....	.....	.0
9- 9	do	.....	.....	.....	.0



## MEASUREMENTS OF CANALS—Continued

SPRING CREEK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
8-30	J. D. Heywood	1.9	.....	.....	1.3
<b>1927</b>					
8- 1	A. E. Johnston	.....	.....	.....	0.0
<b>1928</b>					
5- 3	A. E. Johnston	.....	.....	.....	0.0
9-28	do	2.1	0.29	.....	.6

SPRING BRANCH CANAL—DOCKETS 862, 893—APPLICATION 669  
Diverted from Lawrence Fork in Sec. 11, Twp. 18, Rge. 52 W.

<b>1921</b>					
8-20	W. F. Chaloupka	1.9	1.36	.....	2.6
<b>1922</b>					
6-17	T. C. Palmer	0.8	0.75	.....	0.6
6-26	Chaloupka and Atkins	.7	1.01	.....	.7
6-29	Atkins and Palmer	2.1	1.85	0.55	3.9
7-10	A. H. Atkins	1.3	.77	.40	1.0
7-31	do	1.4	.78	.35	1.1
8-19	do	2.2	1.72	.65	3.8
8-25	do	2.2	1.31	.65	2.9
<b>1923</b>					
7-14	A. H. Atkins	2.8	1.70	0.80	4.8
8-20	do	.....	.....	.....	.0
9-26	A. E. Johnston	1.0	.58	.....	.6
<b>1924</b>					
8-25	W. F. Chaloupka	0.9	0.56	.....	0.6
9-13	A. E. Johnston	1.3	.62	.....	.8
<b>1925</b>					
6-12	A. W. Hall	2.6	1.19	.....	3.1
8-27	do	.....	.....	.....	.0
<b>1927</b>					
6- 7	A. W. Hall	1.0	0.68	.....	0.7
6-22	do	2.3	1.83	.....	4.3
<b>1928</b>					
8-17	A. E. Johnston	2.8	1.53	.....	4.3

## SPOHN CANAL—DOCKET 801

Diverted from North Platte River in Sec. 13, Twp. 17, Rge. 45 W.  
Measurements made at rating flume

<b>1919</b>					
8- 4	T. C. Palmer	.....	.....	.....	1.5
8- 6	do	25.9	0.49	2.45	12.9
8-12	Palmer and Willis	12.6	.42	1.17	5.3
8-12	do	8.3	.49	2.30	4.0
8-12	do	10.9	.76	2.50	8.3
9-10	Earl North	29.7	.68	2.45	20.2
9-13	do	15.0	1.37	2.50	20.6

## MEASUREMENTS OF CANALS—Continued

SPOHN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
8- 7	G. K. Baumgartner	14.4	0.64	1.60	9.3
8-12	do	14.4	.72	1.60	10.4
8-25	do	15.3	.51	1.70	7.8
9- 1	T. C. Palmer	11.5	.34	1.30	2.9
<b>1921</b>					
7- 5	A. H. Atkins	6.9	1.22	0.30	8.5
7-20	do	11.3	.84	1.38	9.5
7-26	do	10.1	.82	1.40	8.3
8-10	do	2.0	2.52	.20	5.1
8-22	do	.9	1.38	.10	1.2
9-14	T. C. Palmer	3.6	2.40	.40	8.5
<b>1922</b>					
6-30	A. E. Johnston	9.9	1.28	1.10	12.7
7-13	do	7.2	1.73	.80	12.5
7-19	do	3.2	1.31	.30	2.9
7-27	T. C. Palmer	4.6	1.84	.50	8.5
8- 3	A. E. Johnston	3.6	2.02	.40	7.3
8-17	do	3.0	1.33	.30	4.0
9- 2	do	3.6	1.61	.40	5.8
9-23	do	.0	.00	.00	.0
<b>1923</b>					
5-16	A. E. Johnston	0.0	0.00	.....	0.0
6-27	do	.0	.00	.....	.0
7- 5	E. F. Ketcham	6.8	.21	.....	1.3
7-21	A. E. Johnston	4.0	1.08	0.30	4.4
7-23	A. H. Atkins	1.2	2.66	.20	3.2
8-24	do	.0	.00	.....	.0
9-10	A. E. Johnston	.0	.00	.....	.0
9-25	A. H. Atkins	.0	.00	.....	.0
<b>1924</b>					
6-13	A. E. Johnston	6.5	0.89	0.40	5.8
7-15	do	14.2	1.59	1.00	22.6
7-25	do	12.8	.55	1.10	7.1
8- 1	C. G. Hrubesky	11.4	.86	.....	9.9
8-15	do	13.4	.82	1.00	10.9
8-27	A. E. Johnston	9.0	1.00	.50	9.1
9- 2	C. G. Hrubesky	8.8	.98	.33	8.1
<b>1925</b>					
5-20	A. E. Johnston	20.5	1.92	1.70	39.5
6- 1	do	3.7	.70	.....	2.6
6-16	do	6.2	1.21	.20	7.5
6-24	do	3.9	.92	.10	3.6
7-10	do	7.2	.70	.30	5.0
7-13	do	8.8	.62	.34	5.5
7-24	Johnston and Clark	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

SPOHN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
8- 3	A. E. Johnston	1.8	0.89	.....	1.6
8-24	do	2.8	1.32	.....	3.7
9-15	do	1.9	1.05	.....	2.0
9-24	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
<b>1926</b>					
6-16	A. E. Johnston	.....	.....	.....	0.0
6-30	do	.....	.....	.....	.0
7-24	do	14.6	1.16	1.10	17.0
8-10	do	11.2	.87	.80	9.8
8-18	do	15.4	1.23	1.30	19.0
9- 3	do	10.9	.96	.80	10.5
10- 1	do	.....	.....	.....	.0
<b>1927</b>					
4- 4	A. E. Johnston	.....	.....	.....	0.0
6-27	do	.....	.....	.....	.0
7-28	do	19.4	1.30	1.85	25.1
8- 4	do	17.8	1.00	1.65	17.9
8-26	do	5.9	.51	.20	3.0
9-16	do	8.9	1.10	.50	8.1
<b>1928</b>					
4-27	A. E. Johnston	.....	.....	.....	0.0
6- 5	do	5.2	0.21	1.05	1.9
6-30	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
9- 6	do	12.5	.78	1.00	9.8
9-20	do	9.0	.81	.55	7.3
10-20	do	.....	.....	.....	.0

STATE LINE AND GILMORE CANAL—APPLICATIONS 407, 983, 994  
Diverted from Horse Creek in Sec. 33, Twp. 23, Rge. 58 W.

## Measurements made at rating flume

<b>1919</b>					
7-30	Palmer and Woodman	15.0	0.32	.....	4.8
<b>1920</b>					
7-29	T. C. Palmer	4.8	2.02	0.70	9.6
8-18	do	4.2	1.10	.65	4.6
9- 9	do	3.4	1.14	.55	3.8
<b>1921</b>					
7- 6	T. C. Palmer	1.4	2.23	0.20	3.1
8-10	do	2.8	1.36	.40	3.8
8-20	do	2.1	1.27	.30	2.7
8-31	do	2.1	.86	.30	1.8
<b>1922</b>					
7-13	T. C. Palmer	2.2	1.22	0.30	2.7
7-20	do	2.8	1.21	.....	3.4
8-23	do	2.8	1.78	.40	5.0

## MEASUREMENTS OF CANALS—Continued

STATE LINE AND GILMORE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
6-22	A. E. Johnston	0.0	0.00	.....	0.0
7- 7	do	.0	.00	.....	.0
9-29	do	.0	.00	.....	.0
10-12	do	.....	.....	.....	.0
<b>1924</b>					
8- 7	A. E. Johnston	14.0	1.16	1.40	16.3
9- 5	do	15.7	1.54	2.00	24.1
<b>1925</b>					
10-13	A. E. Johnston	10.0	1.15	1.30	11.5
<b>1927</b>					
8- 5	A. W. Hall	.....	.....	.....	0.0
<b>STEAMBOAT CANAL—APPLICATIONS 186, 350</b>					
Diverted from North Platte River in Sec. 4, Twp. 21, Rge. 54 W.					
Measurements made at rating flume					
<b>1922</b>					
7-15	T. C. Palmer	4.6	5.43	0.50	2.5
10- 5	A. E. Johnston	.0	.00	.00	.0
<b>1923</b>					
7- 6	A. E. Johnston	0.0	0.00	.....	0.0
9-19	A. H. Atkins	.0	.00	.....	.0
<b>1924</b>					
6-11	A. E. Johnston	.....	.....	.....	0.0
7-10	do	.....	.....	.....	.0
7-29	C. G. Hrubesky	4.9	0.21	.....	1.0
8-13	do	.....	.....	.....	.0
9- 8	do	.....	.....	.....	.0
<b>1925</b>					
8- 1	A. W. Hall	7.7	0.52	0.85	4.0
9- 4	do	3.7	1.92	.50	.7
9-28	A. E. Johnston	.....	.....	.....	.0
<b>1926</b>					
6- 4	A. W. Hall	.....	.....	.....	0.0
7-10	do	.....	.....	0.40	.0
7-22	do	2.5	1.40	1.00	3.5
7-23	do	.....	.....	.....	.0
8-14	do	6.8	.34	1.00	2.3
9-16	do	.....	.....	.....	.0
<b>1927</b>					
5-26	A. W. Hall	.....	.....	.....	0.0
7-15	do	.....	.....	.....	.0
8-12	do	13.5	0.97	1.50	13.1
8-26	do	3.2	.69	.50	2.2
<b>1928</b>					
5- 5	A. W. Hall	.....	.....	.....	0.0
8-23	do	7.6	0.36	.....	2.7

## MEASUREMENTS OF CANALS—Continued

ST. EDWARD POWER PLANT—APPLICATION 1058  
Diverted from Beaver River in Sec. 27, Twp. 19, Rge. 5 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
4- 9	A. E. Johnston	95.3	0.97	.....	92.4

STONEBERG CANAL—APPLICATION 1070  
Diverted from Indian Creek in Sec. 2, Twp. 2, Rge. 37 W.

1928					
6-18	C. E. Franklin	.....	.....	.....	0.0

STUART CANAL—APPLICATION 8  
Diverted from Little Cottonwood Creek in Sec. 8, Twp. 32, Rge. 52 W.

1921					
11- 3	Palmer and Heywood	1.3	1.06	.....	1.4
1926					
5-26	A. E. Johnston	1.7	1.18	.....	2.0
1927					
6-22	A. E. Johnston	.....	.....	.....	0.0
1928					
5- 3	A. E. Johnston	.....	.....	.....	0.0
8-16	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

STUART-GOLDEN CANAL—APPLICATION 8—DOCKET 425  
Diverted from Little Cottonwood Creek in Sec. 8, Twp. 32, Rge. 52 W.

1921					
11- 3	Heywood and Palmer	1.0	1.00	.....	1.0
12-13	do	1.0	1.37	.....	1.4
1923					
5- 4	Johnston and Heywood	3.8	1.20	.....	4.6
6-29	Ketcham and Heywood	.....	.....	.....	.0
7-19	A. H. Atkins	.....	.....	.....	.0
8- 6	E. F. Ketcham	.....	.....	.....	.0
8-18	A. H. Atkins	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
1924					
7-12	Johnston and Heywood	.....	.....	.....	0.0
8- 5	J. D. Heywood	.....	.....	.....	.0
11-18	do	3.0	1.00	.....	3.1
1925					
4-28	A. E. Johnston	3.0	1.66	.....	5.0
5-21	J. D. Heywood	2.3	.91	.....	2.1
5-26	A. E. Johnston	2.2	1.18	.....	2.6
9- 9	do	.....	.....	.....	.0
1926					
4-13	A. E. Johnston	3.0	1.50	.....	4.5
5- 5	do	2.7	1.33	.....	3.6
5-26	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

STUART-GOLDEN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
6-22	A. E. Johnston	.....	.....	.....	0.0
1928					
5- 3	A. E. Johnston	.....	.....	.....	0.0
5- 3	do	0.8	0.87	.....	.7
8-16	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

## STUMPH CANAL—DOCKET 1023½

Diverted from East Ash Creek in Sec. 31, Twp. 32, Rge. 50 W.

1927					
11- 3	A. E. Johnston	1.7	2.00	.....	3.4
1928					
8-17	A. E. Johnston	.....	.....	.....	0.0
9-28	do	.....	.....	.....	.0
10-25	do	1.2	0.92	.....	1.1

## SUBURBAN CANAL—DOCKET 662

Diverted from North Platte River in Sec. 12, Twp. 14, Rge. 33 W.

Measurements made at rating flume

1919					
7-15	Earl North	.....	.....	.....	0.0
8- 1	do	26.0	2.01	1.20	52.3
8- 7	do	22.0	2.09	1.00	45.9
8-11	do	18.0	1.32	.85	23.9
8-14	do	18.0	.89	.80	16.1
8-23	do	.....	.....	.....	.0
9- 1	do	20.0	1.72	.90	34.5
9-16	do	16.0	1.90	.90	30.4
9-20	do	20.0	1.81	.90	36.3
1920					
7- 1	G. K. Baumgartner	3.4	0.81	0.20	2.8
7-12	do	3.4	.75	.20	2.6
7-17	do	3.4	.63	.20	2.1
7-31	do	10.2	1.86	.55	19.0
8- 5	do	25.5	2.18	1.50	55.6
8-16	do	10.2	1.59	.50	16.2
8-21	do	6.8	1.43	.40	9.7
1921					
7-14	*J. K. Rohrer	.....	.....	.....	43.0
8-27	A. H. Atkins	24.1	1.61	0.70	38.8
1922					
5- 3	A. E. Johnston	11.2	0.79	.....	8.8
5-26	do	14.0	1.03	.....	14.5
6- 8	do	12.7	1.05	.....	13.3
6-19	do	21.1	1.59	.....	33.6
6-26	do	23.3	1.66	.....	38.8

\*U. S. R. S. Measurements.

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

SUBURBAN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
7- 3	A. E. Johnston	11.9	0.42	0.50	5.0
7-10	do	21.9	1.59	1.00	34.9
7-22	do	22.3	1.30	.80	29.1
7-29	do	24.4	1.49	1.10	36.4
8- 8	do	17.1	1.57	.65	27.0
8-12	do	3.5	1.25	.40	4.4
8-30	do	26.0	1.78	1.10	46.4
9- 5	Johnston and Eyerly	33.9	1.49	1.35	50.7
9-20	Johnston and Easterday	11.6	1.17	.10	13.6
9-26	A. E. Johnston	4.3	1.11	.20	4.8
9-30	do	4.5	1.06	.20	4.8
<b>1923</b>					
5-18	A. E. Johnston	5.0	1.25	0.60	6.3
6-14	do	.0	.00	.00	.0
6-30	do	.0	.00	.00	.0
7-27	A. H. Atkins	28.7	1.98	1.20	56.9
7-30	E. F. Ketcham	17.6	2.03	.....	35.4
8-10	A. E. Johnston	17.6	1.47	.80	26.0
8-14	A. H. Atkins	19.9	1.18	.60	23.7
8-27	do	23.3	1.45	.....	34.0
9- 8	do	18.9	1.13	.80	21.5
9-13	A. E. Johnston	19.8	1.69	.90	33.5
9-28	A. H. Atkins	26.1	1.29	.70	33.9
10- 3	do	26.4	1.35	.80	35.9
<b>1924</b>					
5-22	A. E. Johnston	11.0	1.91	0.50	21.1
6-16	do	8.8	1.23	.....	10.9
7-17	do	17.6	2.03	.80	35.9
7-23	do	33.0	2.72	1.50	62.7
8- 5	C. G. Hrubesky	39.0	1.77	.....	69.0
8-19	do	31.9	1.51	1.10	48.1
8-30	do	31.0	1.78	1.02	55.3
<b>1925</b>					
4-30	A. W. Hall	2.8	0.64	0.10	1.8
5- 7	A. E. Johnston	6.6	1.14	.30	7.5
5-18	do	.....	.....	.....	.0
6- 5	do	3.5	.63	.20	2.2
6-13	do	28.8	2.22	1.30	64.1
6-27	do	7.9	1.44	.40	11.4
7- 8	do	27.6	2.31	1.20	63.7
7-20	do	33.5	2.72	1.50	91.5
8- 5	do	30.7	2.50	1.40	76.5
8-27	do	7.8	1.50	.30	11.7
9-17	do	20.4	2.56	.90	52.4

## MEASUREMENTS OF CANALS—Continued

SUBURBAN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
4-28	A. E. Johnston	5.6	1.14	0.30	6.4
5-19	do	17.8	2.69	.80	47.8
6-12	do	15.6	2.75	.70	43.0
6-26	do	-----	-----	.30	-----
7-22	do	11.2	2.74	.60	30.7
7-31	do	40.6	2.70	1.80	109.6
8- 8	do	42.4	2.50	1.85	106.2
8-21	do	7.4	1.41	.40	10.4
9- 1	do	27.6	2.88	1.12	79.5
9-28	do	-----	-----	.10	.0
<b>1927</b>					
5- 5	A. E. Johnston	15.2	2.60	0.75	39.6
5-20	do	11.5	2.02	.55	23.3
6-14	do	9.0	1.92	.60	17.3
6-30	do	26.6	2.96	1.30	78.8
7-15	do	18.0	3.02	.85	54.5
7-19	do	17.8	3.26	.88	58.1
7-25	do	27.2	2.97	1.27	80.7
8- 6	do	11.8	2.62	.70	30.9
8-23	do	14.2	3.62	1.05	50.1
9-14	do	16.6	3.42	.90	51.6
10- 6	do	-----	-----	.50	.0
<b>1928</b>					
4-24	A. E. Johnston	-----	-----	-----	0.0
5-29	do	18.0	2.70	0.85	48.7
6- 8	do	18.1	2.47	.90	62.8
6-27	do	10.8	1.36	.60	14.7
7-18	do	5.6	1.02	.40	5.8
7-26	do	9.1	1.99	.60	18.1
8- 9	do	16.4	2.96	.80	48.6
8-21	do	29.3	3.15	1.40	91.9
8-29	do	39.6	3.23	2.00	129.0
9- 3	do	21.8	2.99	1.00	65.1
9-17	do	9.6	1.42	.60	13.6
10-17	do	-----	-----	-----	.0
<b>SUDMAN CANAL—APPLICATION 1483</b>					
Diverted from Lodgepole Creek in Sec. 22, Twp. 13, Rge. 45 W.					
<b>1924</b>					
6-28	A. E. Johnston	-----	-----	-----	0.0
8- 5	do	3.6	0.18	-----	.7
8-15	do	-----	-----	-----	.0
<b>1927</b>					
4-28	C. E. Franklin	-----	-----	-----	0.0
5-12	do	-----	-----	-----	.0
7-15	do	-----	-----	-----	.0
8-19	do	-----	-----	-----	.9
9- 3	do	-----	-----	-----	.0
<b>1928</b>					
6-16	C. E. Franklin	-----	-----	-----	0.0



## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

THIRTY MILE CANAL—APPLICATIONS 1853, 1976  
 Diverted from Platte River in Sec. 30, Twp. 12, Rge. 26 W.  
 Measurements made at rating flume

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
4-21	A. E. Johnston	6.0	1.50	0.30	9.0
5-25	do	30.0	4.60	1.50	138.0
6-11	do	12.0	3.33	.60	40.0
6-25	do	10.0	2.28	.50	22.8
6-25	Nosky and Hrubesky	10.4	2.45	.52	25.6
6-25	do	12.4	3.21	.62	39.9
6-26	do	14.4	3.58	.72	51.5
7-17	A. E. Johnston	20.0	4.81	1.00	96.3
8- 7	do	26.0	4.45	1.30	115.9
8-29	do	10.0	22.30	.50	22.3
9- 1	do	14.0	3.70	.70	51.8
9-14	do	26.0	5.33	1.30	138.6
10-16	do	34.0	4.48	1.70	152.2

## TOBIN CANAL—DOCKET 330

Diverted from Lodgepole Creek in Sec. 28, Twp. 14, Rge. 47 W.

<b>1927</b>					
4-10	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
<b>1928</b>					
5- 7	C. E. Franklin	.....	.....	.....	East 0.0
5- 7	do	.....	.....	.....	West .0
8-13	do	.....	.....	.....	East .0

## TRACY CANAL—APPLICATION 870

Diverted from Lodgepole Creek in Sec. 12, Twp. 14, Rge. 59 W.

<b>1925</b>					
8- 4	C. E. Franklin	.....	.....	.....	0.0
8-15	do	.....	.....	.....	.0
<b>1926</b>					
5-24	C. E. Franklin	0.8	1.45	.....	1.1
6- 6	do	2.0	2.04	0.99	.4
7- 3	do	.....	.....	.....	.0
7-30	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0
<b>1927</b>					
5-11	C. E. Franklin	.....	.....	.....	0.0
5-25	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
7-16	do	1.2	0.33	.....	.4
8- 3	do	1.6	.52	.....	.8
8-17	do	.....	.....	.....	.0
9- 1	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

TRACY CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5- 2	C. E. Franklin	2.7	1.52	.....	4.1
6- 6	do	1.0	.44	.....	.4
6-29	do	.....	.....	.....	†.3
7-20	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

## TRINNIER CANAL—DOCKET 849—APPLICATION 1551

Diverted from Greenwood Creek in Sec. 28, Twp. 18, Rge. 50 W.

1919					
6-27	W. F. Chaloupka	3.8	1.82	.....	6.8
8-10	do	4.8	1.82	.....	8.6
8-13	do	6.2	1.43	0.60	8.8
8-13	do	5.7	1.42	.54	8.1
8-13	do	5.1	1.35	.45	7.1
8-13	do	4.1	1.35	.40	5.7
9- 5	T. C. Palmer	3.0	1.37	.15	4.1
1920					
6-23	G. K. Baumgartner	4.1	1.85	1.40	7.5
7- 3	T. C. Palmer	5.1	1.85	1.42	9.3
7-12	do	3.2	1.34	.85	4.2
8-20	do	5.1	1.56	.82	7.9
8-27	G. K. Baumgartner	4.6	1.67	1.20	7.7
1921					
5-14	W. F. Chaloupka	4.9	1.47	1.34	7.3
5-28	do	3.4	1.54	1.05	5.2
7-23	do	3.9	1.49	1.18	5.7
7-30	do	4.4	1.50	1.20	6.5
8- 6	do	3.6	1.31	1.09	4.7
8-13	do	4.3	1.46	1.22	6.2
8-19	do	4.9	1.50	1.37	7.4
9- 2	do	1.5	.92	.00	1.4
9-17	T. C. Palmer	1.8	.77	.50	1.4
1922					
6-10	T. C. Palmer	4.6	1.39	1.35	6.4
7- 1	do	2.9	1.72	.80	5.0
7- 8	A. H. Atkins	2.0	1.80	.80	3.6
7-15	do	2.0	1.70	.65	3.4
8- 8	do	4.0	1.70	1.10	6.8
1923					
7-16	A. H. Atkins	0.0	0.00	.....	0.0
8-21	E. F. Ketcham	.0	.00	.....	.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

TRINNIER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
9-12	A. E. Johnston	.....	.....	.....	0.0
<b>1926</b>					
7-29	A. W. Hall	3.4	1.29	.....	4.4
8-17	A. E. Johnston	1.2	1.21	.....	1.5
<b>1927</b>					
6-22	A. W. Hall	4.4	1.29	.....	5.7
6-25	A. E. Johnston	1.5	.94	.....	1.4
7-21	A. W. Hall	3.3	1.70	1.00	5.6
8-23	do	2.5	1.68	1.00	4.2
<b>1928</b>					
8- 1	A. W. Hall	1.5	1.29	.....	2.0
9-12	do	5.4	1.81	.....	9.8
TRI-STATE CANAL—DOCKET 918—APPLICATION 660 Diverted from Akers Draw in Sec. 12, Twp. 23, Rge. 57 W.					
<b>1928</b>					
5-24	A. W. Hall	29.0	0.38	.....	10.9
8-21	do	52.3	.29	.....	15.4
9- 7	do	49.6	.27	.....	13.4
9-25	do	.....	.....	.....	.0
TRI-STATE CANAL—DOCKET 918—APPLICATION 660 Diverted from North Platte River in Sec. 3, Twp. 23, Rge. 58 W.					
<b>1919</b>					
5-13	T. C. Palmer	155.4	2.72	1.90	422.7
5-21	do	239.7	3.08	2.82	736.2
5-29	do	352.6	3.61	3.95	1272.5
6-10	*J. K. Rohrer	.....	.....	3.40	939.0
6-11	T. C. Palmer	275.2	3.56	3.30	980.7
6-18	do	300.7	3.49	3.75	1049.8
6-24	do	298.8	3.57	3.60	1066.8
7- 1	do	337.5	3.69	4.00	1247.2
7-12	*J. K. Rohrer	.....	.....	4.00	1141.0
7-22	Woodman and Palmer	279.2	3.57	3.50	997.9
7-29	T. C. Palmer	305.3	3.53	3.60	1078.6
8- 7	do	255.9	3.35	3.15	856.1
8-14	do	286.5	3.48	3.50	996.5
8-20	do	236.0	3.45	2.98	815.7
8-27	do	249.9	3.18	2.87	795.2
9- 1	do	259.9	2.99	2.87	778.8
9-10	do	232.7	2.73	2.60	637.1
9-23	do	.....	.....	.....	.0
<b>1920</b>					
6-10	T. C. Palmer	299.9	3.31	3.10	759.7
6-18	do	309.6	3.82	3.90	1183.2
6-29	do	222.2	2.66	2.40	591.4
7-13	*J. K. Rohrer	.....	.....	3.60	919.0

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

TRI-STATE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
7-14	T. C. Palmer	303.3	3.53	3.60	1068.0
7-29	do	307.6	3.43	3.65	1055.7
8-18	do	326.9	2.99	3.70	977.2
8-27	do	294.2	3.34	3.50	982.0
9- 9	do	267.3	2.84	3.00	758.7
9-24	*J. K. Rohrer	.....	.....	1.90	405.0
<b>1921</b>					
4-19	T. C. Palmer	24.1	1.94	0.40	46.7
4-19	do	35.9	2.14	.63	76.9
4-19	do	56.2	2.21	.84	124.4
4-30	do	132.2	2.50	1.60	330.0
5-11	do	264.4	3.22	3.18	851.1
6- 8	Palmer and Atkins	139.5	2.61	1.70	364.7
6-22	T. C. Palmer	228.8	2.94	2.45	673.8
7- 6	do	329.5	3.62	3.92	1194.9
7-11	*J. K. Rohrer	.....	.....	3.95	1073.0
8-10	T. C. Palmer	337.7	3.21	3.80	1104.0
8-20	do	362.0	3.08	4.12	1398.9
8-31	do	306.4	3.32	3.35	1017.9
9-28	do	197.9	2.46	2.10	486.6
<b>1922</b>					
5- 9	T. C. Palmer	37.3	1.87	0.40	69.3
5-24	do	204.4	2.37	2.40	485.3
6- 3	do	263.7	2.95	3.00	779.9
6- 6	do	303.6	2.53	3.00	766.6
6-13	do	330.8	3.47	3.85	1149.1
7-13	do	328.5	3.46	4.00	1138.9
7-20	do	336.9	3.82	4.20	1286.7
8-23	do	338.5	3.49	4.00	1182.2
8-28	Palmer and Finley	291.9	3.36	3.35	981.0
9-12	do	280.9	3.09	3.12	869.0
9-18	T. C. Palmer	283.5	3.01	3.10	855.9
9-27	do	274.3	3.19	2.90	877.2
10- 4	A. E. Johnston	199.1	3.50	2.50	699.1
<b>1923</b>					
5- 9	Ketcham and Johnston	0.0	0.00	0.00	0.0
5-29	E. F. Ketcham	169.2	2.34	2.00	396.3
6-15	do	226.4	3.12	2.80	708.0
7- 7	A. E. Johnston	354.4	3.65	4.10	1296.0
7-28	do	307.6	2.82	3.25	868.3
8-14	E. F. Ketcham	299.7	2.78	3.40	834.8
8-27	A. E. Johnston	310.0	2.97	3.20	923.3
9-18	A. H. Atkins	276.8	2.99	3.40	829.9
9-22	do	269.8	2.61	3.00	705.4
10- 1	A. E. Johnston	.0	.00	.....	.0

\*U. S. R. S. Measurements.

## MEASUREMENTS OF CANALS—Continued

TRI-STATE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1924</b>					
6- 7	A. E. Johnston	295.4	2.68	3.00	794.5
7- 2	do	297.8	3.91	3.80	1166.3
7- 8	do	355.4	3.66	4.15	1301.7
7-22	A. W. Hall	534.8	3.20	4.25	1712.2
7-28	C. G. Hrubesky	379.6	3.65	4.25	1383.3
8-12	do	323.6	3.47	3.90	1124.0
8-29	A. E. Johnston	365.0	3.80	4.40	138.3
9- 6	C. G. Hrubesky	345.2	3.65	4.23	1251.3
9-17	Atkins and Johnston	280.0	3.38	3.30	949.0
<b>1925</b>					
4-23	Johnston and Franklin	.....	.....	.....	0.0
5- 2	A. W. Hall	40.6	1.07	0.50	43.4
5-20	do	282.0	2.62	3.62	789.0
5-30	C. E. Franklin	288.0	2.66	3.00	769.0
6- 5	A. W. Hall	259.0	3.42	3.50	805.0
6-20	do	295.0	3.50	3.40	1040.0
7- 2	do	323.0	3.90	3.90	1262.0
7-11	Hall and Finley	319.0	3.96	4.00	1263.0
7-21	A. W. Hall	317.0	3.46	3.90	1094.0
7-31	do	266.0	3.09	3.20	821.0
8-21	A. E. Johnston	323.0	3.26	3.50	1052.0
9- 3	A. W. Hall	300.0	2.90	3.50	871.0
9-29	A. E. Johnston	79.0	1.66	.60	131.2
<b>1926</b>					
5- 5	A. W. Hall	140.0	2.63	1.80	369.0
5-20	do	297.0	2.53	3.20	753.0
6- 3	do	320.0	3.05	3.60	1070.0
7- 9	do	332.0	3.50	3.95	1163.0
7-22	do	322.0	3.52	3.90	1131.0
8-13	do	340.0	3.68	4.10	1249.0
8-27	do	369.0	3.48	4.20	1282.0
9-15	do	332.0	2.74	3.60	911.0
<b>1927</b>					
5-17	A. W. Hall	133.0	2.41	1.62	337.0
5-25	do	214.0	2.34	2.20	500.0
6-16	do	310.0	2.71	3.32	843.0
7- 6	do	346.0	3.53	3.70	1220.0
8- 4	do	309.0	3.34	3.40	1029.0
8-25	do	430.0	2.58	3.85	1114.0
9- 6	do	296.0	3.11	3.20	924.0
<b>1928</b>					
5- 3	A. W. Hall	218.0	2.76	2.50	602.0
5-17	do	324.0	2.97	3.60	962.0
6- 1	do	329.0	2.92	3.65	962.0
6- 8	do	272.0	2.92	3.20	797.0
7- 6	do	219.0	2.95	2.50	646.0
8- 4	do	299.0	3.33	3.70	996.0

## MEASUREMENTS OF CANALS—Continued

TRI-STATE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
8-22	A. W. Hall	415.0	3.18	4.32	1320.0
9-10	do	398.0	3.33	4.28	1325.0
9-24	do	.....	.....	4.15	1250.0
10- 6	C. E. Franklin	268.0	2.80	2.93	763.0
10-13	A. W. Hall	180.0	2.34	2.00	421.0

## TRI-STATE CANAL

Diverted from Sheep Creek in Sec. 8, Twp. 23, Rge. 57 W.

<b>1919</b>					
5-21	T. C. Palmer	11.7	1.23	.....	14.3
6-24	do	17.2	1.69	.....	29.1
7-23	Palmer and Woodman	23.8	2.13	.....	50.6
7-29	T. C. Palmer	23.2	1.93	.....	44.7
8-15	do	22.1	2.23	.....	49.4
8-20	do	28.1	2.07	.....	58.1
8-27	do	30.3	2.05	.....	62.1
9- 2	do	26.5	2.12	.....	56.2
9-10	do	20.9	1.99	.....	41.7
9-23	do	.....	.....	.....	.0
<b>1921</b>					
3-24	T. C. Palmer	18.6	3.39	.....	63.1
4-13	do	20.1	3.10	.....	62.1
4-19	do	19.5	3.00	.....	58.4
4-30	do	19.4	3.14	.....	60.9
5-11	do	20.9	3.21	.....	67.1
6- 8	Palmer and Atkins	25.7	3.16	.....	81.2
6-22	T. C. Palmer	19.6	2.52	.....	49.4
7- 6	do	21.0	2.25	1.70	47.2
8-20	do	25.4	2.80	2.10	71.2
8-31	do	26.8	2.93	.....	78.5
9-28	do	26.3	3.08	.....	80.9
<b>1922</b>					
5-24	T. C. Palmer	20.4	2.31	0.62	47.3
6- 2	do	23.2	2.69	1.00	62.4
6- 6	do	20.1	2.07	.60	41.7
6-13	do	18.8	2.10	.60	39.7
7-13	do	22.8	2.55	.80	58.2
7-20	do	21.9	2.52	.80	55.2
7-22	Palmer and Finley	20.7	2.78	.85	57.7
8-23	T. C. Palmer	24.0	2.50	.....	60.1
8-28	Finley and Palmer	28.1	3.28	1.05	92.2
9-12	do	26.1	2.90	1.18	75.8
9-18	T. C. Palmer	29.2	3.47	1.35	101.5
9-27	do	29.0	3.09	1.25	89.7
<b>1923</b>					
5-10	Ketcham and Johnston	10.4	1.97	0.90	20.4
5-29	E. F. Ketcham	25.1	2.43	.....	61.0
6-17	do	36.1	1.88	.....	68.2

## MEASUREMENTS OF CANALS—Continued

TRI-STATE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
7-10	A. E. Johnston	24.5	2.48	.....	60.8
7-27	do	8.3	.56	.60	4.7
8-14	E. F. Ketcham	10.2	.61	.....	6.3
8-14	do	40.8	1.93	.....	79.1
8-27	A. E. Johnston	26.8	3.23	2.00	86.6
10- 1	do	.....	.....	.....	.0
<b>1924</b>					
6- 7	A. E. Johnston	17.3	3.80	.....	65.8
7- 2	do	.....	.....	.....	.0
7- 8	do	30.9	2.91	2.90	90.1
7-28	C. G. Hrubesky	38.8	2.21	.....	85.8
8-12	do	29.6	2.11	.....	62.7
8-29	A. E. Johnston	30.2	3.14	2.20	95.2
9- 5	C. G. Hrubesky	41.8	2.55	.....	107.0
9-17	Atkins and Johnston	.....	.....	.....	.0
<b>1925</b>					
5-21	A. W. Hall	81.0	1.08	.....	87.9
6- 6	do	30.2	2.10	.....	63.6
6-20	do	27.0	2.08	.....	55.6
7- 3	do	30.6	2.68	.....	82.3
7-10	Hall and Finley	30.9	1.95	.....	60.4
7-22	A. W. Hall	36.5	2.66	2.50	91.7
7-31	do	38.5	2.38	1.40	91.7
8-21	A. E. Johnston	53.0	2.48	.....	81.6
9- 4	A. W. Hall	42.5	2.06	1.50	87.7
9-29	A. E. Johnston	.....	.....	.....	.0
10-21	do	.....	.....	.....	.0
<b>1926</b>					
6- 3	A. W. Hall	38.5	2.10	1.30	81.0
6-23	do	.....	.....	.....	.0
7- 9	do	34.2	2.27	1.15	77.8
7-22	do	34.3	2.18	2.10	75.0
8-13	do	35.7	2.38	1.50	85.0
8-27	do	.....	.....	1.20	.....
9-15	do	34.2	1.83	1.15	62.8
<b>1927</b>					
3-31	A. E. Johnston	16.4	1.45	0.40	24.0
5-25	A. W. Hall	.....	.....	.....	.0
6-16	do	33.7	2.84	1.30	95.7
7- 7	do	32.1	2.22	1.05	71.4
8- 4	do	26.6	2.24	1.10	59.6
8-26	do	38.7	2.90	1.56	112.9
9- 5	do	39.1	3.62	2.60	138.6
<b>1928</b>					
5-17	A. W. Hall	.....	.....	.....	0.0
6-15	do	28.8	2.54	1.30	73.2
7-14	do	25.2	3.38	1.25	85.4

## MEASUREMENTS OF CANALS—Continued

TRI-STATE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
7-20	A. W. Hall	29.6	3.13	1.35	92.8
8-21	do	29.5	3.22	1.44	95.2
9- 5	do	26.8	3.20	1.44	85.6
9-25	do	29.9	3.23	1.55	96.7
10-13	do	30.4	3.14	1.55	96.1

## TRI-STATE CANAL

Diverted from Tub Springs in Sec. 27, Twp. 23, Rge. 55 W.

<b>1919</b>					
9- 2	T. C. Palmer	11.4	1.87	1.00	21.4
9- 9	do	8.0	2.54	.....	20.3
<b>1921</b>					
6-22	T. C. Palmer	.....	.....	0.90	17.3
8-20	do	8.2	2.30	.....	18.8
8-31	do	9.8	1.93	.....	19.0
9-28	do	.....	.....	1.00	20.2
<b>1922</b>					
7-18	T. C. Palmer	.....	.....	.....	22.1
7-22	do	.....	.....	.....	19.6
8-29	McPherrin and Palmer	.....	.....	1.20	26.6
9-18	T. C. Palmer	4.9	4.87	.....	24.0
9-26	do	.....	.....	.....	19.6
<b>1923</b>					
7-26	A. E. Johnston	.....	.....	.....	0.0
8-27	do	.....	.....	.....	.0
<b>1924</b>					
8-11	C. G. Hrubesky	8.4	2.23	1.01	27.1
8-30	A. E. Johnston	.....	.....	.....	18.7
9- 4	C. G. Hrubesky	.....	.....	.....	18.7
<b>1925</b>					
4-21	Johnston and Franklin	.....	.....	.....	0.0
5-20	A. W. Hall	.....	.....	.....	.0
6- 4	do	.....	.....	0.72	11.8
6-19	do	.....	.....	.85	13.2
7- 1	do	.....	.....	1.05	18.1
7-10	Hall and Finley	.....	.....	1.10	19.4
7-22	A. W. Hall	.....	.....	1.15	20.8
7-31	do	.....	.....	1.25	22.5
9- 2	do	.....	.....	1.35	26.4
<b>1926</b>					
7-10	A. W. Hall	8.1	2.50	1.25	20.2
7-21	do	7.7	1.65	1.00	12.7
8-12	do	5.9	2.85	.....	16.8
8-26	do	5.5	2.87	.....	15.8
9-14	do	.....	.....	.....	.0



## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

TRI-STATE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
6-15	A. W. Hall	.....	.....	.....	0.0
7- 6	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-25	do	.....	.....	.....	.0
<b>1928</b>					
5- 5	A. W. Hall	.....	.....	.....	0.0
5-18	do	.....	.....	.....	.0

## TRI-STATE CANAL

Diverted from Wet Spotted Tail Creek in Sec. 3, Twp. 23, Rge. 56 W.

<b>1926</b>					
5-19	A. W. Hall	11.8	0.97	0.65	11.5
6- 3	do	6.4	1.48	.60	9.5
7- 9	do	12.6	2.04	1.00	25.7
7-22	do	9.4	1.75	.85	16.5
8-13	do	13.2	2.06	1.00	27.3
8-26	do	10.9	1.74	.80	19.0
9-15	do	15.0	2.23	1.05	33.5
10- 5	A. E. Johnston	.....	.....	1.00	29.7
<b>1927</b>					
5-24	A. W. Hall	6.0	1.90	0.65	11.4
7- 8	do	7.6	1.63	.80	12.4
8- 3	do	13.3	2.36	.....	31.6
8-25	do	11.4	2.52	.....	28.8
9- 6	do	9.2	2.44	.....	22.5
<b>1928</b>					
5- 5	A. W. Hall	5.0	2.33	.....	11.6
5-17	do	6.5	1.83	.....	11.9
6-15	do	7.4	1.38	.....	10.2
7-20	do	16.1	2.25	.....	36.2
8- 3	do	17.7	2.43	.....	43.1
8-21	do	13.4	2.12	.....	28.5
9- 7	do	10.9	1.34	.....	14.6
9-25	do	13.7	2.56	.....	35.1

## TROGNITZ CANAL—DOCKET 365

Diverted from Lodgepole Creek in Sec. 36, Twp. 14, Rge. 50 W.

<b>1923</b>					
6-21	E. F. Ketcham	0.0	0.00	.....	0.0
8-30	do	.0	.00	.....	.0
<b>1925</b>					
5- 5	A. E. Johnston	3.5	0.39	.....	1.4
6-20	C. E. Franklin	2.3	.75	.....	1.7
7- 9	do	1.8	.45	.....	.8
8-17	do	1.3	1.10	.....	1.4
8-27	do	1.8	1.33	.....	2.4
9- 9	do	1.8	.89	.....	1.6

MEASUREMENTS OF CANALS—Continued

TROGNITZ CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1926</b>					
4- 7	C. E. Franklin	1.4	1.42	.....	1.9
4-22	do	1.3	1.21	.....	1.5
5-25	do	1.6	.81	.....	1.3
6-11	Franklin and Gardner	1.6	1.85	1.00	.3
8- 5	C. E. Franklin	2.4	.58	1.35	1.4
8-26	do	2.7	.25	1.50	.9
<b>1927</b>					
4- 5	C. E. Franklin	2.3	2.17	1.30	5.0
4-27	do	1.6	1.50	.80	2.4
7-20	do	2.2	.77	1.00	1.7
8- 5	do	2.0	.74	1.00	1.5
8-18	do	2.4	.79	1.13	1.9
9- 2	do	2.8	.48	.32	1.3
9-27	do	2.6	.58	.25	1.5
11-25	do	1.8	1.39	.90	2.5
12-18	do	1.6	1.00	.....	1.6
<b>1928</b>					
1-19	C. E. Franklin	2.0	1.01	.....	2.1
2- 5	do	2.2	.72	.....	1.6
2-16	do	1.5	.87	.....	1.3
3-20	do	.6	.50	.....	.3
4- 7	do	.4	.50	.....	.2
4-16	do	.7	.57	.....	.4
5- 5	do	2.4	.27	.....	.9
5-29	do	4.6	.38	.....	1.7
6- 8	do	1.7	.31	.....	.5
7- 2	do	.....	.....	.....	†.5
7-24	do	4.2	1.35	.....	5.7
8-13	do	.....	.....	.....	†1.0
9- 5	do	1.3	.69	.....	.9
9-18	do	.4	.50	.....	.2
9-28	do	.....	.....	.....	†.4

TUCKER CANAL—DOCKET 557

Diverted from Spring Branch, Tributary to White River, in Sec. 34, Twp. 31, Rge. 54 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
8-31	A. E. Johnston	.....	.....	.....	0.1

URBACH CANAL—DOCKET 308

Diverted from Lodgepole Creek in Sec. 15, Twp. 14, Rge. 51 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
4-27	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

URBACH CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
8-5	C. E. Franklin	.....	.....	.....	0.0
8-18	do	.....	.....	.....	.0
9-2	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
<b>1928</b>					
5-5	C. E. Franklin	.....	.....	.....	0.0
6-7	do	.....	.....	.....	.0
7-1	do	1.3	1.32	.....	1.0
7-24	do	.....	.....	.....	.0
8-13	do	.....	.....	.....	.0
9-5	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

## UNION CANAL—DOCKET 763

Diverted from Blue Creek in Sec. 18, Twp. 16, Rge. 42 W.

Measurements made at rating flume

<b>1917</b>					
7-11	L. D. Horrocks	5.4	1.45	0.65	7.8
7-11	do	2.5	.41	.36	1.3
7-11	do	8.9	1.97	.90	17.7
7-27	Willis and Horrocks	9.0	1.25	.....	11.3
<b>1918</b>					
6-8	T. C. Palmer	4.0	4.27	.....	17.1
6-18	do	2.0	2.05	0.75	4.1
6-27	do	2.0	1.34	.80	4.7
7-7	do	3.5	4.14	1.05	14.5
7-13	do	4.3	5.02	1.24	21.5
7-27	do	2.5	3.13	.89	7.8
8-12	do	1.3	.83	.62	1.1
8-31	do	3.0	3.72	.93	11.2
9-8	do	2.0	3.03	.85	6.1
9-18	do	.....	.....	.....	3.0
9-27	do	2.2	1.06	.70	2.4
<b>1919</b>					
5-29	Earl North	4.4	3.11	0.90	13.5
6-13	do	3.4	3.49	1.00	11.8
6-20	do	3.6	3.96	1.00	14.3
6-20	do	4.6	4.20	1.15	19.1
7-8	do	3.8	3.81	1.00	14.4
7-15	do	3.3	2.62	.85	8.5
8-5	Palmer and Hartman	3.0	3.94	.88	11.8
9-15	Earl North	4.0	4.03	.90	16.0
9-23	do	3.0	3.77	.80	11.2
<b>1920</b>					
7-9	G. K. Baumgartner	16.0	0.73	1.61	11.7
7-20	do	20.2	1.30	2.10	26.3
7-27	do	13.4	.78	1.55	10.4

## MEASUREMENTS OF CANALS—Continued

UNION CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1920</b>					
8- 7	G. K. Baumgartner	18.0	1.02	1.80	18.4
8-12	do	17.8	.73	1.95	13.0
8-24	do	9.5	.44	1.30	4.2
9- 2	Palmer and Willis	9.6	.46	1.25	4.4
<b>1921</b>					
6-22	A. H. Atkins	5.8	1.67	.....	9.7
7- 6	do	17.1	1.18	2.00	20.2
7- 9	Palmer and Lorenzen	15.9	1.05	1.90	16.6
7-18	A. H. Atkins	13.9	.72	1.70	10.1
7-27	do	19.0	.96	2.20	18.2
8- 5	do	16.5	1.27	2.01	20.9
8-10	do	14.7	.92	1.80	13.6
8-19	do	16.5	1.73	2.00	17.7
8-30	do	17.0	.96	2.00	16.4
9-13	T. C. Palmer	16.3	.71	1.90	11.6
10-13	do	19.4	.74	2.20	14.4
<b>1922</b>					
6-16	A. E. Johnston	8.2	0.28	1.30	2.3
7- 1	do	14.7	.94	1.90	13.8
7-13	do	13.3	.73	1.60	9.8
7-20	do	16.3	1.22	1.95	19.9
8- 8	Palmer and Lorenzen	13.0	1.00	1.90	13.1
8-18	A. E. Johnston	13.8	.96	1.80	13.3
9- 1	do	14.0	1.15	1.85	16.1
9-25	do	11.7	.94	1.85	11.0
<b>1923</b>					
5-16	A. E. Johnston	13.2	0.38	1.70	5.1
6-28	do	11.5	.79	1.75	9.1
7-20	do	15.9	1.30	2.20	20.7
7-24	A. H. Atkins	17.5	1.62	2.40	28.4
8-24	do	10.2	.94	2.00	9.7
9-11	A. E. Johnston	0.5	.71	1.90	6.8
9-26	A. H. Atkins	10.2	1.07	2.10	10.9
<b>1924</b>					
5-20	A. E. Johnston	17.5	1.44	2.20	25.3
6-13	do	.....	.....	.....	.0
7-15	do	8.8	.85	1.70	7.5
7-24	do	16.0	.81	2.30	13.0
8- 1	C. G. Hrubesky	15.8	1.54	.....	24.4
8-16	do	14.6	1.68	1.32	24.5
8-27	A. E. Johnston	13.2	1.54	2.30	20.4
9- 2	C. G. Hrubesky	10.3	.91	.....	9.4
<b>1925</b>					
5-20	A. E. Johnston	7.3	0.97	1.40	7.1
6- 2	do	8.8	1.05	1.70	9.2
6-15	do	4.7	1.10	1.40	5.2

## MEASUREMENTS OF CANALS—Continued

UNION CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
6-25	A. E. Johnston	4.8	1.10	1.40	5.3
7-10	do	12.1	1.40	2.00	16.9
7-14	do	7.5	.63	1.70	4.7
7-23	do	12.0	1.10	2.20	13.2
8- 4	do	12.0	.98	2.45	12.3
8-25	do	4.1	.63	1.65	2.6
9-15	do	2.7	.59	.....	1.6
10-16	do	.....	.....	.....	.0
<b>1926</b>					
5-21	A. E. Johnston	8.8	0.91	1.65	8.0
6-15	do	13.4	.54	2.25	7.3
6-29	do	15.0	.41	2.45	6.2
7-24	do	13.6	1.62	2.20	22.0
7-28	do	12.0	1.42	2.10	17.1
7-29	do	13.0	1.54	2.25	20.0
8- 3	A. W. Hall	11.7	1.14	2.15	13.3
8- 9	A. E. Johnston	11.8	1.12	2.05	13.2
8-19	do	7.4	.81	1.70	6.0
9- 3	do	11.9	1.22	2.05	14.6
9-30	do	7.1	.63	1.70	4.5
<b>1927</b>					
5-21	A. E. Johnston	4.8	0.47	1.50	2.3
6-28	do	8.0	.88	1.80	7.0
7-16	do	9.1	.63	2.10	5.7
7-27	do	16.2	.97	2.25	16.7
8- 5	do	.....	.....	1.20	.....
8-25	do	12.3	.66	1.85	8.1
9-16	do	8.0	.43	1.60	3.5
<b>1928</b>					
4-26	A. E. Johnston	5.5	0.80	1.15	4.8
6- 1	do	5.8	.57	1.35	3.3
6- 6	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-24	do	3.0	.33	.....	1.0
8-10	do	8.4	.80	1.70	6.7
8-27	do	9.1	.99	2.10	9.0
9- 5	do	12.8	1.08	2.20	13.9
9-19	do	12.2	.95	2.10	11.5
10-19	do	.....	.....	.....	.0

VICTORIA CANAL—DOCKETS 210, 212, 213—APPLICATION 1845  
Diverted from Victoria Creek in Sec. 1, Twp. 19, Rge. 21 W.

<b>1923</b>					
8-15	A. E. Johnston	17.4	1.22	.....	21.4

## MEASUREMENTS OF CANALS—Continued

VICTORIA CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
6- 9	A. E. Johnston	0.7	0.71	.....	0.5
7- 5	do	.....	.....	.....	.6
8-12	do	7.2	1.28	.....	9.3
9- 9	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0
<b>1928</b>					
8- 4	A. E. Johnston	.....	.....	.....	0.0
10-12	do	.....	.....	.....	.0
10-30	do	.....	.....	.....	.0

## WACKER CANAL—APPLICATION 1523

Diverted from Canyon No. 10, Tributary to Frenchman River  
in Sec. 17, Twp. 3, Rge. 31 W.

<b>1926</b>					
7-21	C. E. Franklin	0.6	4.50	.....	2.7

## WALKER CANAL—APPLICATIONS 727, 857, 869

Diverted from Lodgepole Creek in Sec. 36, Twp. 15, Rge. 57 W.

<b>1925</b>					
5- 5	A. E. Johnston	.....	.....	.....	0.0
6-17	C. E. Franklin	1.4	0.64	0.70	.9
6-19	do	2.1	.67	.89	1.4
7- 8	do	2.4	.58	.80	1.4
8-15	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
<b>1926</b>					
3-26	C. E. Franklin	3.0	0.84	1.10	2.5
4- 9	do	2.5	.54	1.00	1.4
4-22	do	2.4	.37	.80	.9
6- 6	do	1.2	.42	.76	.5
7- 3	do	.....	.....	.42	.2
7-30	do	.8	.60	.73	.5
8-14	do	1.0	.67	.78	.7
8-28	do	.....	.....	.20	.0
<b>1927</b>					
4- 6	C. E. Franklin	2.0	1.50	1.25	3.0
4-27	do	2.4	.96	1.20	2.3
5-11	do	.....	.....	.....	.0
5-25	do	1.3	.92	1.20	1.2
7- 1	do	1.2	1.08	1.20	1.3
7-16	do	.....	.....	.....	†.2
8- 4	do	.....	.....	.....	.0
8-17	do	2.0	.77	.81	1.6
8-22	A. W. Hall	2.9	1.15	.90	3.0
9- 1	C. E. Franklin	2.7	.85	.94	2.3
9-26	do	2.1	.28	.80	.8

†Estimated.

## MEASUREMENTS OF CANALS—Continued

WALKER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
4- 4	C. E. Franklin	1.2	1.11	.....	1.3
5- 2	do	3.1	.69	1.02	2.1
6- 6	do	1.8	.39	.85	.7
6-29	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8- 3	do	.8	.88	.....	.7
8-24	do	.....	.....	.....	.0
9-16	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

## WARNEKE CANAL—DOCKET 505

Diverted from Niobrara River in Sec. 27, Twp. 31, Rge. 37 W.

1925					
5-27	A. E. Johnston	.....	.....	.....	0.0
1928					
9-26	A. E. Johnston	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0

## WEARIN CANAL—APPLICATION 1864

Diverted from Lodgepole Creek in Sec. 8, Twp. 14, Rge. 58 W.

1928					
6- 6	C. E. Franklin	.....	.....	.....	0.0
6-29	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

## WERTZ BROTHERS WEST SIDE CANAL—APPLICATION 600

Diverted from Lodgepole Creek in Sec. 12, Twp. 13, Rge. 46 W.

1926					
4-28	C. E. Franklin	0.5	1.36	.....	0.7
7-10	do	.3	.25	0.35	.1
8- 6	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	†.5
1927					
4-11	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
1928					
6-13	C. E. Franklin	.....	.....	.....	0.0
9- 6	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0

†Estimated.

## MEASUREMENTS OF CANALS—Continued

WERTZ BROTHERS EAST SIDE CANAL—APPLICATION 600  
Diverted from Lodgepole Creek in Sec. 12, Twp. 13, Rge. 46 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1927</b>					
9-28	C. E. Franklin	.....	.....	.....	0.0
<b>1928</b>					
6-13	C. E. Franklin	.....	.....	.....	0.0
9- 6	do	3.0	0.93	.....	2.8
9-19	do	.....	.....	.....	†1.0
9-29	do	1.3	1.44	.....	2.0

## WESTERN CANAL—APPLICATIONS 393, 1804

Diverted from South Platte River in Sec. 14, Twp. 12, Rge. 43 W.

Measurements made at rating flume

<b>1918</b>					
5- 4	T. C. Palmer	75.4	1.69	1.40	127.9
6-28	do	148.6	2.22	3.42	330.5
<b>1919</b>					
5-29	Earl North	47.6	0.76	0.50	36.1
6-17	do	47.0	.79	.90	36.9
7-12	do	.....	.....	.....	.0
8-25	do	.....	.....	.....	.0
9- 9	do	49.5	1.91	1.35	94.5
10-11	T. C. Palmer	99.7	2.07	2.15	206.9
<b>1920</b>					
5-13	Baumgartner and Palmer	49.1	0.86	0.65	42.4
5-23	G. K. Baumgartner	41.8	.89	.70	37.5
6- 9	do	141.9	.66	3.40	93.4
6-26	do	65.3	1.24	1.00	81.3
7-10	do	142.5	.50	3.30	57.1
7-30	do	43.0	.54	.60	23.4
8- 6	Palmer and Willis	49.8	.91	.79	45.3
<b>1921</b>					
4- 5	T. C. Palmer	93.8	1.91	1.50	179.0
5- 8	do	148.9	.50	3.45	76.2
7-16	A. H. Atkins	21.0	2.24	.90	47.1
8-20	do	46.5	.80	.90	37.4
8-26	do	61.8	1.51	1.35	93.3
8-29	do	50.0	1.59	1.00	79.3
<b>1922</b>					
4-18	T. C. Palmer	71.6	1.02	1.35	73.2
5-17	do	49.8	1.79	1.25	89.2
6- 9	A. E. Johnston	27.2	1.80	.85	48.8
6-26	do	7.4	1.22	3.70	9.1
6-27	T. C. Palmer	.....	.....	3.65	8.7

†Estimated.



## MEASUREMENTS OF CANALS—Continued

WESTERN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1922</b>					
7-11	A. E. Johnston	17.4	1.79	.65	31.3
7-29	do	17.4	1.75	.65	30.6
8- 7	do	1.6	1.43	3.00	2.3
8-19	do	14.5	1.44	.55	20.9
9-20	Johnston and Easterday	6.2	2.24	.70	13.9
9-30	A. E. Johnston	20.3	1.12	.75	22.8
10-17	do	12.4	2.68	.60	33.2
<b>1923</b>					
4-18	A. E. Johnston	48.0	3.33	1.60	162.8
6- 4	Bailey and Ketcham	19.9	2.26	.68	45.0
6- 7	A. E. Johnston	27.0	2.47	.90	66.9
7- 3	do	54.9	3.00	1.85	165.1
7-11	A. H. Atkins	.0	.00	.00	.0
7-16	A. E. Johnston	.0	.00	.00	.0
7-31	E. F. Ketcham	53.9	1.05	.85	57.0
8- 3	A. E. Johnston	38.5	2.50	1.15	96.4
8-14	A. H. Atkins	53.7	.46	.55	24.8
8-22	A. E. Johnston	20.8	1.96	.70	40.8
8-25	E. F. Ketcham	.0	.00	.00	.0
8-29	do	21.0	1.27	.55	26.8
9- 9	A. H. Atkins	56.7	.54	.70	30.9
9-20	A. E. Johnston	12.0	1.35	.40	16.3
10- 4	A. H. Atkins	55.4	.69	.75	38.3
10-10	A. E. Johnston	12.0	1.37	4.50	16.4
<b>1924</b>					
4-30	A. E. Johnston	24.8	2.27	0.80	56.4
6- 3	do	12.0	1.49	4.00	17.9
6-27	do	-----	-----	-----	.0
8- 6	do	18.0	1.72	.60	31.8
8- 7	C. G. Hrubesky	16.2	1.84	.65	29.6
8-18	do	-----	-----	-----	14.0
8-26	A. E. Johnston	18.0	1.85	.65	33.3
8-30	C. G. Hrubesky	15.5	1.52	.58	23.7
9- 4	A. E. Johnston	18.0	1.75	.60	31.6
9-15	C. G. Hrubesky	61.3	3.13	2.10	192.4
10- 8	A. E. Johnston	-----	-----	-----	.0
<b>1925</b>					
4-17	A. E. Johnston	33.0	3.02	1.10	99.9
5- 1	A. W. Hall	21.0	1.92	.70	40.5
5- 6	A. E. Johnston	21.0	2.18	.70	45.9
5-12	C. E. Franklin	27.0	1.83	.90	49.5
5-29	do	24.0	1.89	.78	45.5
6- 4	A. E. Johnston	24.0	1.67	.80	40.3
6-13	C. E. Franklin	-----	-----	-----	.0
6-23	do	20.0	1.65	.64	33.1
7-11	do	14.0	1.23	.45	17.3
7-31	do	21.0	1.82	.71	38.3

## MEASUREMENTS OF CANALS—Continued

WESTERN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
8- 6	C. E. Franklin	.....	.....	3.60	38.3
8-11	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
8-25	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9- 8	do	.....	.....	.....	.0
9-26	do	22.5	1.92	.76	43.3
10- 2	A. E. Johnston	24.0	1.92	.80	46.3
<b>1926</b>					
4- 6	C. E. Franklin	34.0	1.80	1.24	61.4
4-14	do	29.9	2.54	1.16	76.0
4-20	do	25.5	2.36	.95	60.1
4-27	do	76.8	2.80	2.53	214.9
5-13	do	3.8	1.31	2.02	5.0
5-21	do	21.8	2.20	.82	48.0
6- 1	do	74.0	1.75	3.50	130.2
6-13	do	41.2	2.85	1.33	117.6
6-25	do	179.1	2.23	4.05	402.2
7- 1	do	42.5	.75	1.32	31.7
7-12	do	55.0	3.00	1.94	165.2
8- 7	do	18.0	1.54	.80	27.8
8-19	do	22.6	1.92	.73	43.5
8-19	**C. E. Feetham	16.6	1.82	.73	33.9
8-24	C. E. Franklin	.....	.....	.....	.0
9- 1	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-14	do	42.8	3.30	1.45	141.1
10-13	A. E. Johnston	.....	.....	.....	.0
<b>1927</b>					
4- 2	C. E. Franklin	.....	.....	.....	0.0
4-22	do	.....	.....	.....	.0
4-29	do	.....	.....	.....	.0
5-13	do	.....	.....	1.72	170.8
5-14	do	.....	.....	.48	18.0
5-17	**C. E. Feetham	24.1	2.79	.97	67.2
5-20	C. E. Franklin	.....	.....	.74	33.9
5-20	do	.....	.....	1.14	79.4
5-27	do	.....	.....	3.59	.....
6-30	do	.....	.....	1.06	.....
7- 8	do	19.0	2.06	.75	39.3
7-15	do	.....	.....	.30	24.7
7-19	**C. E. Feetham	.....	.....	.64	25.9
7-22	C. E. Franklin	19.3	2.08	.76	40.1
8- 6	do	.....	.....	1.62	.....
9-15	**C. E. Feetham	.....	.....	.72	35.8

\*\*Colorado measurements.

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

WESTERN CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
5- 9	C. E. Franklin	17.6	1.95	0.30	34.5
5-16	do	59.0	3.16	2.06	186.5
5-17	Franklin and Gill	65.4	2.22	2.10	217.4
5-25	C. E. Franklin	16.6	1.68	.64	27.9
6-15	do	4.2	.55	.20	2.3

## WESTERN CANAL—APPLICATIONS 393, 1804

Diverted from South Platte River in Sec. 14, Twp. 12, Rge. 43 W.

1924					
8- 7	C. G. Hrubesky	.....	.....	.....	0.0
1928					
4-19	C. E. Franklin	47.9	1.06	0.39	51.3
5- 9	do	44.0	.80	.30	35.0
5-15	do	69.2	2.32	.73	160.2
6-16	do	68.7	2.58	.78	177.5

## WIEGAND CANAL—APPLICATION 563

Diverted from Lodgepole Creek in Sec. 17, Twp. 13, Rge. 45 W.

1925					
5- 9	C. E. Franklin	2.7	1.63	.....	4.4
6-22	do	5.7	.21	.....	1.2
7-10	do	.....	.....	.....	.0
1927					
4-11	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	North .0
9-28	do	.....	.....	.....	South .0
1928					
6-14	C. E. Franklin	.....	.....	.....	0.0
9- 6	do	.....	.....	.....	.0
9-29	do	2.6	0.84	.....	2.2

## WIEGAND CANAL—APPLICATION 1322

Diverted from Lodgepole Creek in Sec. 16, Twp. 13, Rge. 45 W.

1927					
4-28	C. E. Franklin	.....	.....	.....	0.0
7-15	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
1928					
6-14	C. E. Franklin	.....	.....	.....	0.0
9- 6	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

## MEASUREMENTS OF CANALS—Continued

## WIEGAND CANAL—APPLICATION 1323

Diverted from Lodgepole Creek in Sec. 16, Twp. 13, Rge. 45 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1927					
9-28	C. E. Franklin	.....	.....	.....	0.0
1928					
9- 6	C. E. Franklin	0.7	0.69	.....	0.5
9-29	do	.....	.....	.....	.0

## WHEELER CANAL (SOUTH)—DOCKET 842

Diverted from Pumpkinseed Creek in Sec. 26, Twp. 19, Rge. 51 W.

1923					
7- 2	E. F. Ketcham	.....	.....	.....	*.0

## WHEELER CANAL (NORTH)—DOCKET 842

Diverted from Pumpkinseed Creek in Sec. 26, Twp. 19, Rge. 51 W.

1923					
7- 2	E. F. Ketcham	.....	.....	.....	*.0

## WHITE RIVER CANAL—DOCKET 477—APPLICATION 655

Diverted from White Clay Creek and White River in Sec. 35, Twp. 32, Rge. 52 W.

1921					
11- 2	T. C. Palmer	12.1	0.62	.....	7.5
1923					
11- 7	J. D. Heywood	6.0	0.77	.....	4.7
1925					
4-28	A. E. Johnston	7.6	1.34	.....	10.2
5-20	J. D. Heywood	4.1	1.27	.....	5.2
5-26	A. E. Johnston	3.8	1.26	.....	4.8
6-20	do	1.3	.56	.....	.7
7-28	do	.....	.....	.....	.0
8- 8	J. D. Heywood	5.3	1.05	.....	5.6
8-17	A. E. Johnston	.....	.....	.....	.2
8-21	J. D. Heywood	.....	.....	.....	8.5
9- 3	do	.....	.....	.....	8.3
9- 9	A. E. Johnston	8.1	1.23	.....	10.0
1926					
7- 7	A. E. Johnston	.....	.....	.....	0.0
8-13	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
1927					
5-25	A. E. Johnston	.....	.....	.....	0.0
6-22	do	.....	.....	.....	.0
8- 1	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0

\*Dam out.

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Continued

WHITE RIVER CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
5- 3	A. E. Johnston	.....	.....	.....	0.0
7- 3	do	.....	.....	.....	.0
8-16	do	6.0	1.15	.....	6.9
9-27	do	9.0	.66	.....	5.9
10-25	do	.....	.....	.....	.0
<b>WHITNEY IRRIGATION DISTRICT CANAL—APPLICATION 1625</b>					
Diverted from White River in Sec. 33, Twp. 32, Rge. 51 W.					
Measurements made at 8 foot weir					
<b>1923</b>					
5-14	A. E. Johnston	12.2	2.30	.....	28.1
7-12	do	.....	.....	.....	3.4
7-30	do	.....	.....	.....	.0
8-20	do	.....	.....	.....	1.7
10- 2	do	.....	.....	.....	4.4
11- 5	do	.....	.....	.....	17.5
11-16	W. F. Chaloupka	.....	.....	.....	15.8
11-25	A. E. Johnston	.....	.....	.....	17.5
<b>1925</b>					
1-28	A. E. Johnston	.....	.....	0.90	23.0
2-25	do	.....	.....	1.00	27.1
3-26	do	.....	.....	.95	24.9
5- 1	do	.....	.....	.02	.2
5-26	do	.....	.....	.20	2.4
7-28	do	.....	.....	1.00	27.1
8-17	do	.....	.....	.....	.0
9- 9	do	.....	.....	.....	.0
11-24	do	.....	.....	.90	23.0
<b>1926</b>					
3- 2	A. E. Johnston	.....	.....	0.03	0.0
3-23	do	.....	.....	.00	.0
4-14	do	.....	.....	.00	.0
5- 5	do	.....	.....	.80	19.3
5-26	do	.....	.....	.55	11.0
7- 7	do	.....	.....	.40	6.8
8-13	do	.....	.....	1.25	37.6
9-13	do	.....	.....	.80	19.3
10-29	do	.....	.....	1.05	29.0
<b>1927</b>					
3-25	A. E. Johnston	.....	.....	0.50	23.0
4-29	do	.....	.....	.00	.0
5-25	do	.....	.....	.00	.0
6-23	do	.....	.....	.00	.0
8- 1	do	.....	.....	.35	5.6
8-31	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0
11- 3	do	.....	.....	.00	.0
11-22	do	.....	.....	.00	.0
12-20	do	.....	.....	.00	.0

## MEASUREMENTS OF CANALS—Continued

WHITNEY IRRIGATION DISTRICT CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
1928					
1-16	A. E. Johnston	.....	.....	1.25	37.6
2- 7	do	.....	.....	.95	24.9
3-28	A. W. Hall	.....	.....	.....	.0
4- 3	A. E. Johnston	.....	.....	.....	.0
5- 3	do	.....	.....	1.00	27.1
6-22	A. W. Hall	.....	.....	.95	24.9
7- 3	A. E. Johnston	.....	.....	.90	23.0
8-17	do	.....	.....	.....	.0
9-28	do	.....	.....	.45	8.1
10-25	do	.....	.....	.85	21.1
12-21	do	.....	.....	1.10	31.1

## WILDS CANAL (NORTH)—APPLICATION 904

Diverted from Lodgepole Creek in Sec. 11, Twp. 13, Rge. 46 W.

1927					
4-11	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-21	do	0.8	0.50	.....	.4
8-19	do	1.0	.58	.....	.6
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
1928					
6-13	C. E. Franklin	.....	.....	.....	0.0
9- 6	do	.....	.....	.....	.0
9-19	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	†.2

## WILDS CANAL (SOUTH)—APPLICATION 904

Diverted from Lodgepole Creek in Sec. 11, Twp. 13, Rge. 46 W.

1927					
4-28	C. E. Franklin	.....	.....	.....	0.0
7-21	do	1.0	1.10	.....	1.1
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
1928					
6-13	C. E. Franklin	.....	.....	.....	0.0

## WILSON PUMP—APPLICATION 1693

Diverted from Wood River in Sec. 14, Twp. 9, Rge. 15 W.

1926					
7-25	R. F. Nosky	0.8	1.62	.....	1.3
8- 6	A. E. Johnston	1.5	1.08	.....	1.4

†Estimated.

## MEASUREMENTS OF CANALS—Continued

## WINTER CREEK CANAL—DOCKET 952

Diverted from North Platte River in Sec. 17, Twp. 22, Rge. 55 W.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1918</b>					
6-20	Wade Flynn	24.8	1.34	2.22	33.2
6-26	do	33.0	1.62	2.37	53.5
7- 9	do	18.6	1.13	1.06	21.0
7-23	do	19.4	1.33	2.14	26.0
8-27	do	18.4	1.20	2.03	22.2
9- 2	do	14.7	.89	2.90	13.1
<b>1919</b>					
5-21	T. C. Palmer	20.8	1.19	0.83	24.9
5-28	do	27.4	1.16	1.00	31.9
6-11	do	28.7	1.04	.90	29.7
6-17	do	19.2	1.32	.90	25.3
6-25	do	17.1	1.09	.80	18.6
7- 1	do	18.3	1.22	.90	22.4
7-24	do	16.0	1.16	.85	18.7
7-29	do	22.1	1.28	1.00	28.3
8- 8	do	24.3	1.36	1.10	33.1
8-21	do	20.6	1.13	.90	23.2
8-27	do	21.7	1.30	.90	28.3
9- 9	do	24.1	1.31	1.00	31.6
<b>1920</b>					
6-10	T. C. Palmer	17.5	1.29	0.85	22.6
6-18	do	36.0	1.62	1.40	58.3
6-29	do	19.1	1.43	.95	27.3
7-28	do	15.1	1.21	1.04	18.3
8-17	do	12.8	.98	.95	12.5
8-26	do	21.1	1.49	1.08	31.4
9-10	do	11.3	.99	.80	11.1
<b>1921</b>					
5-11	T. C. Palmer	37.9	1.87	0.70	71.1
6- 8	Palmer and Atkins	24.1	1.57	.50	37.6
6-21	T. C. Palmer	36.0	1.43	1.00	51.7
8- 9	do	54.2	1.49	1.50	80.7
8-19	do	34.7	1.22	.92	42.5
8-30	do	47.3	.56	.62	26.6
9-27	do	22.6	.74	.50	16.7
<b>1922</b>					
5-25	T. C. Palmer	28.5	1.87	1.05	53.3
6- 6	do	36.4	1.39	1.30	50.5
6-14	do	48.9	1.55	1.65	76.0
7-14	do	48.8	1.63	1.50	79.6
7-21	do	28.2	1.45	1.00	41.1
7-23	Finley and Palmer	21.6	1.44	.85	31.3
8-24	T. C. Palmer	20.4	1.43	.90	29.3
8-29	do	20.8	1.50	.80	31.2
9-13	Palmer and Easterday	16.7	1.30	.64	21.8
9-19	T. C. Palmer	23.1	1.50	.85	34.8

## MEASUREMENTS OF CANALS—Continued

WINTER CREEK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1923</b>					
5-11	Ketcham and Johnston	—	—	—	0.0
6-18	E. F. Ketcham	31.5	1.57	—	49.5
7-11	A. E. Johnston	44.5	1.65	2.30	73.5
7-26	do	27.2	1.17	2.20	32.0
8-16	E. F. Ketcham	47.1	1.71	2.50	80.6
8-27	A. E. Johnston	37.3	1.71	2.40	64.1
9-18	A. H. Atkins	47.1	.95	—	45.1
9-21	do	44.5	.43	—	19.2
<b>1924</b>					
6-10	A. E. Johnston	38.7	1.81	2.80	70.1
7- 3	do	55.2	1.38	2.80	76.4
7- 9	do	47.4	1.64	2.80	78.1
7-26	C. G. Hrubesky	52.1	1.42	—	74.3
8-11	do	49.9	1.60	2.98	79.8
8-30	A. E. Johnston	30.4	1.56	2.60	47.7
9- 6	C. G. Hrubesky	25.2	2.10	2.55	52.7
<b>1925</b>					
4-21	Johnston and Franklin	—	—	—	0.0
5- 5	A. W. Hall	16.7	1.41	—	23.6
5-19	do	12.7	1.59	—	20.2
6- 4	do	14.6	1.51	—	22.0
6-19	do	25.7	1.78	2.40	45.6
7- 1	do	38.3	1.41	2.60	54.1
7-12	Hall and Finley	36.4	1.32	2.55	48.1
7-22	A. W. Hall	25.2	1.45	2.40	36.5
7-31	do	22.8	1.34	2.30	30.6
9- 2	do	25.5	1.21	2.50	31.0
9-30	A. E. Johnston	27.6	1.55	2.65	42.8
10-20	do	—	—	—	.0
<b>1926</b>					
5-19	A. W. Hall	28.8	1.33	1.00	38.2
6- 4	do	26.1	1.60	1.30	41.8
7- 8	do	22.6	1.89	1.55	42.8
7-21	do	30.0	1.33	1.50	40.1
8-12	do	35.0	1.54	1.70	53.8
8-26	do	20.1	1.63	1.50	32.6
9-14	do	23.5	1.60	1.50	37.7
<b>1927</b>					
3-29	A. E. Johnston	—	—	—	0.0
5-24	A. W. Hall	9.1	1.42	1.00	12.9
6- 4	do	19.2	1.62	1.30	31.2
6-10	do	20.9	1.70	1.35	35.6
6-17	do	18.6	1.53	1.25	28.4
7- 8	do	—	—	1.30	23.1
7-15	do	—	—	1.50	36.4
8- 4	do	17.7	1.71	1.45	30.2
8-25	do	—	—	—	.0



## MEASUREMENTS OF CANALS—Continued

## WINTER CREEK CANAL

(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
5- 5	A. W. Hall	.....	.....	.....	0.0
5-18	do	16.7	1.53	0.68	25.6
7- 7	do	19.9	1.50	1.10	29.9
8-15	do	31.2	1.50	1.25	46.9
8-23	do	30.4	1.61	1.35	49.0
8-28	do	29.3	1.41	1.25	41.5
<b>WINTER CREEK CANAL—APPLICATION 1446—O. D. DOCKET 952</b>					
Diverted from Winter Creek in Sec. 19, Twp. 22, Rge. 54 W.					
<b>1919</b>					
5-20	T. C. Palmer	.....	.....	.....	7.8
5-28	do	.....	.....	.....	35.1
6-10	do	.....	.....	.....	40.5
6-25	do	.....	.....	.....	49.4
7- 1	do	.....	.....	.....	63.5
7-29	do	.....	.....	.....	55.2
8-22	do	.....	.....	.....	72.8
8-25	do	.....	.....	.....	48.3
8-26	do	.....	.....	.....	40.1
9- 3	do	.....	.....	.....	24.8
9- 8	do	.....	.....	.....	38.4
<b>1921</b>					
7- 6	T. C. Palmer	.....	.....	.....	71.6
8- 8	do	.....	.....	.....	49.5
8-19	do	.....	.....	.....	39.2
8-29	do	.....	.....	.....	45.1
<b>1922</b>					
7-24	T. C. Palmer	.....	.....	.....	53.0
8-25	do	.....	.....	.....	81.0
8-29	do	.....	.....	.....	79.0
9- 1	do	.....	.....	.....	67.0
9-13	do	.....	.....	.....	58.0
9-19	do	.....	.....	.....	.0
10- 4	do	.....	.....	.....	14.0
<b>1923</b>					
7-11	A. E. Johnston	.....	.....	.....	20.1
7-26	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	60.9
<b>1924</b>					
7- 9	A. E. Johnston	.....	.....	.....	38.0
7-25	C. G. Hrubesky	.....	.....	.....	32.0
8-11	do	.....	.....	.....	22.0
8-28	A. E. Johnston	.....	.....	.....	44.0
9- 4	C. G. Hrubesky	.....	.....	.....	99.0

MEASUREMENTS OF CANALS—Continued

WINTER CREEK CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1925</b>					
5-19	A. W. Hall	.....	.....	.....	20.4
6- 4	do	.....	.....	.....	36.2
6-18	do	.....	.....	.....	36.0
6-30	do	.....	.....	.....	19.6
7-12	do	.....	.....	.....	16.9
7-22	do	.....	.....	.....	27.9
7-30	do	.....	.....	.....	32.9
9- 2	do	.....	.....	.....	69.4
<b>1926</b>					
5-19	A. W. Hall	.....	.....	.....	0.0
6- 4	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	4.4
7-21	do	.....	.....	.....	26.4
8-12	do	.....	.....	.....	24.2
8-27	do	.....	.....	.....	102.3
9-14	do	.....	.....	.....	.0
<b>1927</b>					
5-24	A. E. Johnston	.....	.....	.....	0.0
7- 6	A. W. Hall	.....	.....	.....	53.5
7- 6	do	16.8	2.20	0.90	3.7
7- 6	do	31.0	1.85	1.25	57.2
7- 8	do	15.1	1.53	1.30	23.1
7-15	do	21.5	1.69	1.50	36.4
8- 2	do	.....	.....	.....	.0
8-24	do	36.6	1.93	2.65	70.5
<b>1928</b>					
5-18	A. W. Hall	.....	.....	.....	0.0
7- 5	do	.....	.....	1.00	61.0
8- 2	do	.....	.....	.60	15.3
8-23	do	.....	.....	1.00	53.2

WOLFE CANAL—DOCKET 813

Diverted from Lodgepole Creek in Sec. 18, Twp. 13, Rge. 45 W.

<b>1925</b>					
5- 8	C. E. Franklin	3.0	1.10	.....	3.4
6-20	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0
<b>1927</b>					
4-11	C. E. Franklin	.....	.....	.....	0.0
4-28	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

## STATE OF NEBRASKA

## MEASUREMENTS OF CANALS—Concluded

WOLFE CANAL  
(Continued)

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-Ft.
<b>1928</b>					
6- 2	C. E. Franklin	.....	.....	.....	0.0
6-13	do	.....	.....	.....	.0
9- 6	do	2.0	2.56	.....	5.1
9-19	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

## YOUNG'S CANAL—DOCKET 349

Diverted from Lodgepole Creek in Sec. 33, Twp. 15, Rge. 57 W.

<b>1925</b>					
8-15	C. E. Franklin	.....	---	---	0.0
<b>1926</b>					
7-30	C. E. Franklin	0.9	0.88	.....	0.8
<b>1927</b>					
7-16	C. E. Franklin	1.6	0.81	.....	1.3
8- 4	do	1.5	.26	.....	.4
8-17	do	1.6	.54	.....	.9
8-22	A. W. Hall	.6	.82	.....	.5
9- 1	C. E. Franklin	.....	.....	.....	†.3
9-26	do	1.8	.83	.....	1.5

## ZIMMERMAN CANAL—APPLICATION 532

Diverted from Sou Belly Creek in Sec. 34, Twp. 33, Rge. 55 W.

<b>1925</b>					
5-22	J. D. Heywood	1.5	1.06	---	1.6
<b>1928</b>					
10-24	A. E. Johnston	1.1	1.82	.....	2.0

†Estimated.

DISCHARGE IN SECOND-FEET OF ALFALFA CANAL

Diverted from North Platte River. Docket 738—Date of Priority March 25, 1885

Date	1919			1921				
	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	*	8	*	26	37	35	3
2	....	32	10	....	35	33	30	8
3	....	42	8	....	17	20	29	5
4	....	48	10	....	17	26	28	5
5	....	48	8	....	14	26	25	12
6	....	*	10	....	17	35	23	4
7	....	....	10	....	14	24	22	4
8	....	....	*	....	14	20	20	3
9	....	....	....	....	16	8	19	3
10	....	11	....	....	17	8	18	5
11	....	12	....	....	16	8	17	3
12	....	13	....	....	12	8	16	4
13	....	10	....	....	12	8	14	9
14	....	8	....	....	12	8	13	*
15	....	10	....	....	12	8	13	....
16	....	10	....	....	8	10	12	....
17	....	8	....	....	13	12	10	....
18	....	8	....	....	24	15	10	....
19	....	0	....	....	29	18	16	....
20	....	0	....	....	33	19	18	....
21	....	0	....	....	31	19	24	....
22	....	0	....	....	33	17	31	....
23	....	0	....	....	30	9	33	....
24	....	0	....	....	29	9	35	....
25	....	0	....	....	9	14	38	....
26	....	0	....	....	3	20	42	....
27	19	0	....	....	2	31	51	....
28	16	0	....	....	9	33	51	....
29	13	0	....	....	13	35	42	....
30	16	0	....	....	9	38	38	....
31	19	0	....	....	9	....	38	....
Mean	17	10	9	....	16	19	26	5
Max.	19	48	10	....	33	38	51	9
Min.	13	0	8	....	2	8	10	3
A. F.	165	516	127	....	940	1124	1618	119

Area reported 4116 acres.  
Water used 808 A. F.  
Per acre 0.20 A. F.

Area reported 4106 acres.  
Water used 4493 A. F.  
Per acre 1.09 A. F.

Date	1922				1923		
	May	June	July	Aug.	June	July	Aug.
1	17	17	35	3	16	*	6
2	17	17	35	3	17	....	5
3	17	16	34	3	18	....	3
4	17	16	34	3	19	....	2
5	17	16	33	4	20	....	0
6	17	16	33	4	20	....	0
7	17	16	32	4	21	....	0
8	17	16	31	4	20	....	0
9	17	16	31	4	19	....	0
10	17	16	30	4	19	....	0
11	18	15	29	5	19	....	0
12	18	12	28	5	18	....	0
13	18	9	27	5	17	....	0
14	18	7	26	5	16	....	15
15	18	4	25	6	15	....	30
16	18	4	15	6	14	....	18
17	18	6	7	6	12	....	13
18	18	10	3	6	10	....	35
19	18	12	3	6	9	....	49
20	18	14	3	7	8	....	2
21	17	16	3	8	7	....	18
22	17	19	3	9	5	....	25
23	17	21	3	10	4	....	0
24	17	24	3	11	3	....	0
25	17	27	3	11	2	....	0
26	17	30	3	12	*	....	15
27	17	31	3	13	....	....	0
28	17	33	3	13	....	....	5
29	17	34	3	15	....	....	18
30	17	35	3	15	....	....	10
31	17	....	3	15	....	....	8
Mean	17	18	17	7	14	....	18
Max.	18	35	35	15	21	....	11
Min.	17	4	3	3	2	....	49
A. F.	1065	1041	1045	446	690	....	2

Area reported 3985 acres.  
Water used 4287 A. F.  
Per acre 1.08 A. F.

\*No record.

Area reported 4140 acres.  
Water used 962 A. F.  
Per acre 0.23 A. F.

STATE OF NEBRASKA

Alfalfa Canal from North Platte River—Continued

Date	1924					1925					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	*	18	26	8	10	*	16	36	28	9	
2	....	19	26	8	10	....	16	36	28	9	
3	....	30	26	8	10	....	16	36	28	9	
4	....	28	26	8	10	....	16	36	28	9	
5	....	28	26	8	10	....	16	36	28	9	
6	....	28	26	8	10	....	16	36	28	9	
7	....	20	26	8	10	....	16	36	28	9	
8	....	15	26	8	10	....	16	26	28	9	
9	....	14	26	8	10	....	16	26	28	9	
10	8	14	26	8	10	....	16	26	28	9	
11	8	8	26	8	5	....	5	28	28	9	
12	8	4	26	8	5	36	5	28	28	9	
13	8	0	26	8	5	36	5	28	28	9	
14	8	4	26	8	5	36	5	28	28	9	
15	8	20	26	8	5	36	5	28	28	9	
16	8	33	26	8	*	36	5	28	28	9	
17	10	34	26	8	....	36	5	28	28	9	
18	14	35	26	8	....	36	5	28	28	9	
19	14	34	26	8	....	36	5	28	28	9	
20	14	30	26	8	....	36	5	28	28	9	
21	12	29	30	28	....	36	20	....	0	9	
22	11	29	30	28	....	36	20	....	0	9	
23	11	29	30	28	....	36	20	....	0	9	
24	12	29	30	28	....	36	20	....	0	9	
25	11	29	30	28	....	36	20	....	0	9	
26	11	25	15	10	....	36	20	....	0	9	
27	12	25	15	10	....	36	20	....	0	9	
28	13	25	15	10	....	36	20	25	0	9	
29	14	25	15	10	....	36	20	25	0	9	
30	15	25	15	10	....	36	20	25	0	9	
31	15	....	15	10	....	36	....	25	0	....	
Mean	11	23	25	12	8	36	14	23	18	9	
Max.	15	35	30	28	10	36	20	38	28	9	
Min.	8	0	15	8	0	36	5	25	0	9	
A. F.	486	1360	1507	714	248	1428	813	1440	1111	536	
Area reported 4120 acres.						Area reported 3078 acres.					
Water used 4315 A. F.						Water used 5328 A. F.					
Per acre 1.05 A. F.						Per acre 1.73 A. F.					

Date	1926					1927			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	24	34	9	19	20	27	49	12
2	....	25	11	31	20	20	11	12	12
3	....	23	0	42	18	20	37	13	12
4	....	23	4	43	19	20	22	19	12
5	15	17	11	44	17	20	30	18	12
6	15	17	20	35	18	23	25	18	12
7	15	17	15	35	10	23	37	9	12
8	14	17	6	46	10	41	33	5	12
9	14	17	10	50	9	44	27	5	12
10	14	17	11	55	9	44	30	12	12
11	15	11	8	27	7	49	27	11	12
12	15	11	8	44	0	57	25	23	12
13	15	23	2	8	*	41	25	27	12
14	14	24	1	....	....	41	21	23	12
15	14	24	2	....	....	27	11	21	12
16	15	24	2	....	....	44	13	19	12
17	15	29	0	....	....	27	13	18	12
18	14	43	0	....	....	30	16	23	12
19	13	24	0	....	....	30	18	23	12
20	12	17	7	....	....	27	30	16	12
21	9	21	38	....	....	30	21	9	0
22	4	21	37	....	....	30	32	8	0
23	12	22	22	....	....	41	30	8	0
24	15	22	40	....	....	44	50	8	0
25	15	22	15	....	....	30	41	8	0
26	18	22	14	....	....	50	35	8	0
27	17	22	15	25	....	23	30	8	0
28	21	22	16	21	....	46	37	8	0
29	23	22	20	19	....	23	44	8	0
30	24	26	17	20	....	33	44	8	0
31	21	....	1	20	....	....	46	8	....
Mean	15	22	12	18	13	33	28	15	8
Max.	24	43	40	55	20	57	46	49	12
Min.	4	11	0	9	0	20	11	5	0
A. F.	809	1289	767	1122	300	1940	1722	890	476
Area reported 3060 acres.						Area reported 2200 acres.			
Water used 9296 A. F.						Water used 5037 A. F.			
Per acre 1.40 A. F.						Per acre 1.57 A. F.			

\*No record.  
 †Closed and opened by water commissioner.  
 ‡Closed—break in canal.

HYDROGRAPHIC REPORT—1928

1047

Alfalfa Canal from North Platte River—Continued

Date	1928				
	June	July	Aug.	Sept.	Oct.
1	0	12	8	18	4
2	21	12	8	18	4
3	22	12	8	18	4
4	26	12	8	18	4
5	28	12	8	18	4
6	26	8	8	18	4
7	28	8	8	18	4
8	28	8	8	18	4
9	25	8	8	18	4
10	21	8	8	18	4
11	18	8	10	18	4
12	17	8	10	18	4
13	14	8	10	18	4
14	13	8	10	18	4
15	12	8	10	18	4
16	21	24	10	10	4
17	13	24	10	10	4
18	14	24	10	10	4
19	13	24	10	10	4
20	12	24	10	10	4
21	9	12	10	10	4
22	15	12	10	10	4
23	29	12	10	10	4
24	18	12	10	10	4
25	10	12	10	10	4
26	10	12	10	10	4
27	13	12	10	10	4
28	14	12	10	10	4
29	19	12	10	10	4
30	17	12	10	10	4
31	...	12	10	...	4
Mean	18	13	9	14	4
Max.	29	24	10	18	4
Min.	0	8	8	10	4
A. F.	1043	777	575	833	246

Area reported 3200 acres.  
Water used 3474 A. F.  
Per acre 1.09 A. F.

DISCHARGE IN SECOND-FEET OF ALLIANCE CANAL

Diverted from North Platte River. Docket 874—Date of Priority December 26, 1892

Date	1919					1921				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	12	12	18	...	1	2	0	12	4
2	...	10	12	0	...	2	2	0	12	3
3	...	14	10	*	...	3	1	0	12	2
4	...	12	12	...	...	3	1	0	12	2
5	...	7	10	...	...	4	0	0	12	1
6	...	13	10	...	...	5	0	2	12	0
7	...	7	12	...	...	6	0	3	12	*
8	...	6	11	...	...	7	0	4	13	...
9	...	13	12	...	...	7	0	6	12	...
10	...	6	12	...	...	8	0	7	12	...
11	...	9	12	...	...	9	0	9	12	...
12	...	13	10	...	...	10	0	10	11	...
13	...	19	9	...	...	11	0	10	11	...
14	...	19	9	...	...	10	0	9	10	...
15	...	18	9	...	...	9	0	9	10	...
16	...	17	8	...	...	9	0	9	9	...
17	...	18	8	...	...	8	0	8	9	...
18	...	19	8	...	...	8	0	8	9	...
19	...	15	8	...	...	8	0	8	8	...
20	...	17	11	...	...	7	0	7	8	...
21	...	16	14	...	...	7	0	7	8	...
22	...	13	17	...	...	6	0	7	8	...
23	...	19	17	...	...	6	0	7	8	...
24	...	19	17	...	...	5	0	8	8	...
25	...	17	17	...	...	5	0	8	8	...
26	...	19	17	...	...	5	0	9	7	...
27	...	18	17	...	...	4	0	9	7	...
28	...	19	17	...	...	4	0	10	7	...
29	...	7	10	18	...	4	0	11	7	...
30	...	7	12	18	...	3	0	11	6	...
31	...	7	...	18	...	3	...	12	5	...
Mean	7	14	13	9	...	6	0.2	7	10	2
Max.	7	19	18	18	...	11	2	12	13	4
Min.	7	6	8	0	...	1	0	0	5	0
A. F.	42	845	777	36	...	371	12	412	589	24

Area reported 1684 acres west of Red Willow.  
Water used 1700 A. F.  
Per acre 1.01 A. F.  
\*No record.

Area reported 2111 acres.  
Water used 1408 A. F.  
Per acre 0.67 A. F.

## STATE OF NEBRASKA

## Alliance Canal from North Platte River—Continued

Date	1922					1923		
	June	July	Aug.	Sept.	Oct.	July	Aug.	Sept.
1	*	20	12	1	4	0	20	2
2	---	19	11	1	4	1	19	2
3	---	19	10	1	4	2	18	4
4	---	19	9	2	4	3	16	5
5	14	19	9	2	4	5	15	5
6	15	18	8	2	*	6	14	5
7	15	18	8	2	---	8	13	5
8	16	18	7	2	---	10	12	6
9	16	18	6	2	---	12	11	6
10	17	18	5	2	---	14	10	7
11	17	18	5	2	---	14	9	7
12	17	17	4	2	---	15	8	8
13	18	17	3	2	---	15	7	9
14	18	17	2	2	---	16	5	10
15	19	17	1	2	---	17	3	10
16	20	17	1	3	---	17	2	10
17	20	17	0	3	---	18	1	9
18	21	17	0	3	---	19	0	9
19	21	17	0	3	---	19	0	8
20	22	17	0	3	---	20	0	8
21	22	17	0	3	---	20	0	7
22	22	17	0	3	---	21	0	6
23	22	17	0	3	---	22	0	4
24	21	17	1	3	---	23	0	2
25	21	17	1	3	---	23	0	1
26	21	16	1	3	---	22	0	0
27	21	15	1	3	---	22	0	0
28	20	14	1	4	---	21	0	0
29	20	13	1	4	---	21	0	0
30	20	13	1	4	---	20	0	0
31	---	12	1	---	---	20	0	---
Mean	19	17	4	3	4	15	6	5
Max.	22	20	12	4	4	23	20	10
Min.	14	12	0	1	4	0	0	0
A. F.	983	1041	216	148	38	924	363	307

Area reported 7017 acres.

Water used from North Platte River 2426 A. F.

Total water used 12221.

Per acre 1.76 A. F.

Area reported 2131 acres.

Water used 1594 A. F.

Per acre 0.75 A. F.

## DISCHARGE IN SECOND-FEET OF ALLIANCE CANAL

Diverted from Red Willow Creek. Application 1429 O. D. Docket 874 Date of Priority December 26, 1892

Date	1918				1919				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	51	31	35	*	38	31	43	49
2	---	22	48	35	---	31	31	44	49
3	---	24	51	27	---	38	34	44	49
4	---	26	29	31	---	38	24	45	49
5	---	24	48	26	---	38	31	46	45
6	---	22	35	*	---	38	34	47	40
7	---	46	37	---	---	34	31	48	37
8	---	24	39	---	---	45	27	48	34
9	---	26	35	---	---	41	34	49	34
10	---	22	42	---	---	45	34	50	34
11	---	48	29	---	---	49	31	51	34
12	---	51	35	---	---	34	34	52	34
13	---	24	27	---	---	49	34	52	↑
14	---	48	31	---	---	49	33	52	---
15	---	24	33	---	---	41	30	51	---
16	---	51	33	---	---	34	25	51	---
17	25	32	31	---	---	31	21	50	---
18	29	*	31	---	---	34	20	50	---
19	29	---	24	---	---	31	20	49	---
20	33	---	29	---	---	27	24	49	---
21	29	---	31	---	---	27	27	49	---
22	33	---	24	---	---	34	30	49	---
23	*	---	22	---	---	31	33	49	---
24	24	---	29	---	---	34	36	49	---
25	72	---	31	---	---	31	38	49	---
26	51	---	27	---	---	34	41	49	---
27	51	---	27	---	8	27	44	49	---
28	53	22	27	---	10	31	47	49	---
29	56	19	27	---	27	38	46	49	---
30	53	21	28	---	38	34	45	49	---
31	---	29	27	---	27	---	44	49	---
Mean	41	31	32	31	22	36	33	49	41
Max.	72	51	51	35	38	49	47	52	49
Min.	24	19	22	26	8	27	20	43	34
A. F.	1067	1301	1979	306	218	2154	2011	2985	968

Area reported 3862 acres.

Water used 4652 A. F.

Per acre 1.20 A. F.

\*No record. †Break in canal.

Area reported 4513 acres.

Water used 8346 A. F.

Per acre 1.85 A. F.

# HYDROGRAPHIC REPORT—1928

1049

## Alliance Canal from Red Willow Creek—Continued

Date	1920			1921				
	June	July	Aug.	May	June	July	Aug.	Sept.
1	*	60	0	8	0	26	38	8
2	....	70	0	8	0	28	38	10
3	....	34	0	8	0	31	37	13
4	....	34	0	8	0	33	37	15
5	....	28	0	8	0	35	37	14
6	....	23	0	8	0	35	38	13
7	....	34	0	8	0	35	39	13
8	....	34	28	8	0	35	40	12
9	....	70	34	8	0	35	40	12
10	....	18	18	8	0	35	50	11
11	....	15	28	8	0	35	39	10
12	18	23	31	8	0	34	39	10
13	11	28	34	8	0	34	38	9
14	15	28	60	7	0	34	38	8
15	18	18	*	7	0	34	37	8
16	11	23	....	7	0	34	37	7
17	12	28	....	6	0	34	37	7
18	15	34	....	6	0	34	36	6
19	17	28	....	6	0	34	36	5
20	18	23	....	6	0	33	35	5
21	0	28	....	5	2	33	35	4
22	23	34	....	5	5	33	40	3
23	18	28	....	5	7	34	55	3
24	15	23	....	5	9	35	30	2
25	11	21	....	4	11	36	25	2
26	15	18	....	4	14	36	19	*
27	18	28	....	4	16	37	13	....
28	18	23	....	4	19	38	7	....
29	41	19	....	4	21	39	0	....
30	41	15	....	3	24	39	3	....
31	....	11	....	3	....	39	5	....
Mean	18	29	17	6	4	34	32	8
Max.	41	70	60	8	24	39	40	15
Min.	0	11	0	3	0	26	0	2
A. F.	664	1785	462	387	254	2116	1939	416

Area reported 3862 acres.  
Water used 2911 A. F.  
Per acre 0.75 A. F.

Area reported 4128 acres.  
Water used 5112 A. F.  
Per acre 1.24 A. F.

Date	1922				1923	
	June	July	Aug.	Sept.	Aug.	Sept.
1	*	42	60	39	0	10
2	....	42	60	38	2	10
3	....	42	59	38	5	10
4	....	42	59	37	7	10
5	18	42	58	37	10	10
6	19	42	58	36	12	10
7	20	42	57	36	14	10
8	21	42	57	35	16	10
9	22	42	56	35	18	10
10	24	42	56	34	20	10
11	25	43	55	34	22	11
12	26	43	55	33	24	11
13	30	43	54	33	26	11
14	33	43	54	32	28	11
15	37	43	53	32	30	11
16	40	43	52	32	22	11
17	40	43	52	31	33	12
18	40	47	53	31	30	11
19	40	50	55	30	30	10
20	40	53	56	30	30	9
21	41	56	58	29	28	8
22	41	58	56	29	26	6
23	41	62	54	26	24	4
24	41	64	52	22	22	2
25	41	63	51	18	20	0
26	41	63	50	15	18	0
27	41	63	48	11	16	0
28	41	62	46	8	14	0
29	41	62	44	5	12	0
30	41	61	42	0	10	0
31	....	61	41	....	10	....
Mean	34	50	54	28	19	8
Max.	41	64	60	39	33	12
Min.	18	42	41	0	0	0
A. F.	1755	3068	3294	1678	1148	452

Area reported 3514 acres.  
Water used 9795 A. F.  
\*No record.

Area reported 3514 acres.  
Water used 1600 A. F.



STATE OF NEBRASKA

Alliance Canal from Red Willow Creek—Continued

Date	1924				1925				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	26	55	55	0	10	56	40	0
2	0	26	55	57	0	15	56	40	0
3	0	26	55	58	0	21	56	40	0
4	0	26	55	58	0	21	56	40	0
5	0	26	55	58	0	21	56	40	0
6	20	26	50	48	0	21	56	40	0
7	20	26	50	48	0	21	56	40	0
8	20	26	50	48	0	21	56	40	0
9	20	26	50	48	0	21	56	40	0
10	20	26	50	48	0	21	56	40	0
11	20	35	50	30	0	33	56	30	0
12	20	35	50	30	0	33	56	30	0
13	20	35	50	30	0	33	56	30	0
14	20	35	50	30	0	33	56	30	0
15	20	35	50	30	0	33	56	30	0
16	20	40	40	20	0	33	56	30	0
17	20	40	40	15	0	33	56	46	0
18	20	40	40	10	5	33	56	15	0
19	20	40	40	5	5	33	56	0	0
20	20	40	40	0	5	33	56	23	0
21	20	58	40	*	5	33	56	0	0
22	20	58	40	....	5	31	48	15	0
23	20	58	40	....	5	31	48	30	0
24	20	58	40	....	5	31	48	38	0
25	20	58	40	....	5	31	48	30	0
26	20	55	35	....	10	31	48	46	0
27	20	55	35	....	10	31	48	30	0
28	20	55	35	....	10	31	48	38	0
29	20	55	40	....	10	31	48	30	0
30	20	55	45	....	10	31	48	32	0
31	....	55	50	....	10	....	48	32	....
Mean	17	40	46	36	3	28	53	33	0
Max.	20	58	55	58	10	33	56	46	0
Min.	0	26	35	0	0	10	48	0	0
A. F.	992	2489	2807	1440	198	1652	3268	2013	0

Area reported 3400 acres.  
Water used 7728 A. F.  
Per acre 2.27 A. F.

Area reported 3320 acres.  
Water used 7131 A. F.  
Per acre 2.14 A. F.

Date	1925				
	May	June	July	Aug.	Sept.
1	0	31	40	45	66
2	0	31	40	58	15
3	0	31	40	58	8
4	0	31	40	58	0
5	0	31	40	65	0
6	0	31	49	66	0
7	0	31	49	66	0
8	0	31	49	41	0
9	0	31	45	61	0
10	0	31	41	52	0
11	0	31	41	50	0
12	0	31	41	57	0
13	0	31	45	55	0
14	0	31	45	45	0
15	0	31	41	52	0
16	0	0	36	61	0
17	0	0	36	61	0
18	31	0	32	55	0
19	31	0	32	55	0
20	31	0	32	55	0
21	31	0	52	55	0
22	31	0	55	55	0
23	31	0	52	55	0
24	31	0	58	55	0
25	31	0	16	55	0
26	31	36	55	55	0
27	31	36	63	55	0
28	31	36	61	55	0
29	31	36	58	30	0
30	31	36	55	55	0
31	31	....	61	58	....
Mean	14	22	45	55	3
Max.	31	36	63	66	66
Min.	0	0	16	30	0
A. F.	861	1279	2777	3370	176

Area reported 3414 acres.  
Water used 8463 A. F.  
Per acre 2.48 A. F.  
\*No record.

Date	1925			
	May	June	July	Aug.
1	*	17	25	35
2	....	34	25	35
3	....	34	25	35
4	....	34	25	35
5	....	38	25	35
6	....	38	25	35
7	....	38	25	35
8	....	38	25	35
9	....	38	25	35
10	....	38	25	35
11	....	38	25	35
12	....	38	25	35
13	....	38	25	35
14	....	38	25	35
15	....	38	25	35
16	....	38	25	35
17	....	38	25	35
18	....	38	25	35
19	....	38	25	35
20	....	38	25	35
21	....	38	25	35
22	....	38	25	35
23	....	38	25	35
24	....	38	25	35
25	....	38	25	35
26	....	38	25	35
27	....	38	25	35
28	....	38	25	35
29	....	38	25	35
30	....	38	25	35
31	....	38	25	35
Mean	28	28	25	35
Max.	39	38	25	35
Min.	0	17	25	35
A. F.	331	1660	1537	2152

Area reported 3489 acres.  
Water used 5680 A. F.  
Per acre 1.63 A. F.

HYDROGRAPHIC REPORT—1928

1051

DISCHARGE IN SECOND-FEET OF ALLIANCE CANAL

Diverted from Bayard Sugar Factory Drain. Application 1776 O. D. Docket 874—  
Date of Priority December 26, 1892

Date	1924				1925			
	June	July	Aug.	Sept.	May	June	July	Aug.
1	*	23	23	8	*	*	19	0
2	....	23	23	8	....	....	19	0
3	....	23	23	8	....	24	19	0
4	....	23	23	8	....	24	19	0
5	....	23	23	8	....	24	19	0
6	....	23	23	8	....	24	19	0
7	....	23	23	8	....	24	19	0
8	....	23	23	8	....	24	19	0
9	....	23	23	8	....	24	19	0
10	....	23	23	8	....	24	19	0
11	....	23	20	8	....	7	19	0
12	....	23	20	8	....	7	19	0
13	....	23	20	8	....	7	19	0
14	....	23	20	8	....	7	19	0
15	0	23	20	8	....	7	19	0
16	5	23	15	8	0	7	19	0
17	5	23	15	8	0	7	19	0
18	5	23	15	8	11	7	19	0
19	5	23	15	8	11	7	19	0
20	5	23	15	8	11	7	19	0
21	10	23	8	8	11	17	0	0
22	10	23	8	8	11	17	0	0
23	10	23	8	8	11	17	0	0
24	10	23	8	8	11	17	0	0
25	10	23	8	8	11	17	0	0
26	15	23	8	8	11	17	0	0
27	15	23	8	8	11	17	0	0
28	15	23	8	8	11	17	0	0
29	15	23	8	8	11	17	0	0
30	15	23	8	8	11	17	0	0
31	—	23	8	....	11	....	0	0
Mean	9	23	16	8	10	15	12	0
Max.	15	23	23	8	11	24	19	0
Min.	0	23	8	8	0	7	0	0
A. F.	297	1414	978	476	305	857	754	0

Area reported 5544 acres.

Water used 3165 A. F.

Per acre 0.57 A. F.

Area reported 5531 acres.

Water used 8526 A. F.

Per acre 1.54 A. F.

From Bayard Sugar Factory Drain 1916 A. F.

From Red Willow Creek 6610 A. F.

Date	1926				1928			
	May	June	July	Aug.	May	June	July	Aug.
1	0	28	20	1	*	13	28	0
2	0	28	25	6	....	12	28	0
3	0	28	23	16	....	12	28	0
4	0	28	25	17	....	12	28	0
5	0	28	23	17	....	12	28	0
6	0	28	23	16	....	26	28	0
7	0	28	23	16	....	26	28	0
8	0	28	23	16	....	26	28	0
9	0	28	23	14	....	26	28	0
10	0	28	23	13	....	26	28	0
11	0	28	18	14	....	26	28	12
12	0	28	18	15	....	26	28	12
13	0	28	18	26	....	26	28	12
14	0	28	18	15	....	26	28	12
15	0	19	18	14	....	26	28	12
16	0	21	18	13	....	16	28	12
17	0	6	18	10	....	16	28	12
18	0	2	18	10	....	16	28	12
19	0	1	18	10	....	16	28	12
20	0	1	18	10	....	16	28	12
21	0	1	18	10	....	16	28	12
22	0	0	18	10	....	16	28	12
23	0	0	18	10	....	16	28	12
24	28	0	17	10	....	16	28	12
25	28	0	17	10	0	16	28	12
26	28	0	17	10	12	16	28	12
27	28	0	14	10	30	16	28	12
28	28	0	1	10	20	16	28	12
29	28	10	1	10	12	16	28	12
30	28	18	1	10	13	16	28	12
31	28	....	1	10	25	....	28	12
Mean	7	16	17	12	16	19	28	8
Max.	28	28	25	26	30	26	28	12
Min.	0	0	1	1	0	12	28	0
A. F.	444	934	1059	752	222	1112	1722	500

Area reported 2131 acres.

Water used 3189 A. F.

Per acre 1.50 A. F.

\*No record.

Area reported 2129 acres.

Water used 3556 A. F.

Per acre 1.67 A. F.

**DISCHARGE IN SECOND-FEET OF BARBER CANAL**  
 Diverted from Clear Creek. Docket 754—Date of Priority May 30, 1893  
 Application 1111—Date of Priority July 5, 1911

Date	1921				1922			
	July	Aug.	Sept.	June	July	Aug.	Sept.	
1	6	4	2	*	7	5	7	
2	6	4	2	.....	7	5	6	
3	6	4	2	.....	7	5	6	
4	6	3	2	.....	8	4	6	
5	6	3	2	.....	8	4	6	
6	6	3	2	.....	8	4	6	
7	6	3	2	.....	8	4	5	
8	6	3	2	.....	8	4	5	
9	6	2	2	.....	8	3	5	
10	6	2	2	.....	9	3	4	
11	6	2	2	.....	9	3	4	
12	6	2	2	.....	9	3	4	
13	6	2	2	.....	9	2	4	
14	6	2	2	.....	9	2	3	
15	6	2	*	.....	9	2	3	
16	6	2	.....	.....	9	2	3	
17	6	2	.....	5	9	1	3	
18	6	2	.....	5	8	1	3	
19	6	2	.....	5	8	1	2	
20	6	2	.....	5	8	2	2	
21	6	2	.....	6	8	2	2	
22	6	2	.....	6	7	3	2	
23	6	2	.....	6	7	3	2	
24	5	2	.....	6	7	4	1	
25	5	2	.....	6	7	4	1	
26	5	2	.....	6	6	4	1	
27	5	2	.....	7	6	5	0	
28	4	2	.....	7	6	6	0	
29	4	2	.....	7	6	6	0	
30	4	2	.....	7	5	6	0	
31	4	2	.....	.....	5	7	.....	
Mean	6	2	2	6	8	4	3	
Max.	6	4	2	7	9	7	7	
Min.	4	2	2	5	5	1	1	
A. F.	345	145	55	166	466	218	190	
Area reported	875 acres.			994 acres.				
Water used	545 A. F.			1040 A. F.				
Per acre	0.62 A. F.			1.05 A. F.				

Date	1923				
	May	June	July	Aug.	Sept.
1	*	0.8	1	0	6
2	.....	.8	1	0	6
3	.....	.8	1	0	6
4	.....	.8	1	0	6
5	.....	.8	1	0	6
6	.....	.8	2	0	6
7	.....	.8	2	0	6
8	.....	.8	2	0	6
9	.....	.8	2	0	6
10	.....	.8	2	0	6
11	.....	.8	4	0	6
12	.....	.8	4	0	6
13	.....	.8	4	0	*
14	.....	.8	4	0	.....
15	.....	.8	4	0	.....
16	.....	.8	8	0	.....
17	1.3	.8	8	0	.....
18	1.3	.8	8	0	.....
19	1.3	.8	8	0	.....
20	1.3	.8	8	0	.....
21	1.3	.8	7	0	.....
22	1.3	.8	6	0	.....
23	1.3	.8	5	0	.....
24	1.3	.8	4	0	.....
25	1.3	.8	0	0	.....
26	1.3	.8	0	0	.....
27	1.3	.8	0	0	.....
28	1.3	.8	0	0	.....
29	1.3	.8	0	0	.....
30	1.3	.8	0	0	.....
31	1.3	.....	0	0	.....
Mean	1.3	0.8	3	0	6
Max.	1.3	.8	8	0	6
Min.	1.3	.8	0	0	6
A. F.	39	48	192	0	143

\*No record.

Area reported 834 acres.  
 Water used 422 A. F.  
 Per acre 0.51 A. F.

DISCHARGE IN SECOND-FEET OF BEERLINE CANAL

Diverted from North Platte River. Docket 887—Date of Priority October 13, 1894

Date	1919				1921		
	June	July	Aug.	Sept.	July	Aug.	Sept.
1	*	12	5	8	*	8	7
2	—	12	5	8	—	7	7
3	—	11	5	8	—	6	7
4	—	9	6	8	—	5	6
5	—	7	5	8	—	4	*
6	—	7	4	8	—	3	—
7	—	7	4	8	—	2	—
8	—	8	4	8	—	3	—
9	—	9	3	9	—	4	—
10	—	9	3	9	—	5	—
11	—	8	3	9	—	6	—
12	—	8	4	8	—	7	—
13	—	8	4	8	—	5	—
14	12	7	4	8	6	8	—
15	13	7	4	8	7	9	—
16	13	7	5	8	7	10	—
17	14	7	5	8	8	11	—
18	15	7	5	7	8	12	—
19	16	7	5	7	9	13	—
20	17	7	6	7	9	11	—
21	17	6	6	7	11	9	—
22	22	6	6	6	13	7	—
23	17	6	6	6	16	5	—
24	12	6	6	5	16	5	—
25	12	6	7	5	15	6	—
26	10	6	7	4	14	7	—
27	10	6	7	3	13	8	—
28	10	5	7	2	12	8	—
29	10	5	8	0	11	8	—
30	12	5	8	0	10	8	—
31	—	5	8	—	8	8	—
Mean	14	7	5	7	10	7	7
Max.	22	12	8	9	16	13	7
Min.	10	5	3	0	5	2	6
A. F.	460	448	327	393	393	436	53

Area reported 2080 acres.  
Water used 1628 A. F.  
Per acre 0.78 A. F.

Area reported 2040 acres.  
Water used 882 A. F.  
Per acre 0.43 A. F.

Date	1922			1924		
	July	Aug.	Sept.	July	Aug.	Sept.
1	*	16	22	0	3	10
2	—	14	13	3	3	10
3	—	12	15	3	3	10
4	—	10	*	3	3	10
5	—	8	—	3	3	10
6	—	6	—	9	6	6
7	—	4	—	9	6	6
8	—	3	—	9	6	6
9	19	3	—	9	6	6
10	22	4	—	9	6	6
11	24	6	—	18	8	3
12	25	7	—	18	8	3
13	26	23	—	18	8	3
14	24	23	—	18	8	3
15	22	16	—	18	8	3
16	26	0	—	14	10	0
17	22	0	—	14	10	*
18	17	4	—	14	10	—
19	15	6	—	14	10	—
20	14	8	—	14	10	—
21	15	5	—	10	10	—
22	10	4	—	10	10	—
23	6	4	—	10	10	—
24	11	9	—	10	10	—
25	7	15	—	10	10	—
26	5	18	—	5	10	—
27	14	16	—	5	10	—
28	23	14	—	5	10	—
29	22	16	—	5	10	—
30	16	19	—	5	10	—
31	15	20	—	5	10	—
Mean	17	10	17	10	8	6
Max.	26	23	22	18	10	10
Min.	5	0	13	0	3	0
A. F.	795	621	99	589	486	188

Area reported 2040 acres.  
Water used 1515 A. F.  
Per acre 0.74 A. F.  
\*No record.

Area reported 2080 acres.  
Water used 1263 A. F.  
Per acre 0.61 A. F.

STATE OF NEBRASKA

Beerline Canal from North Platte River—Continued

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	13	14	11	2	5	5	6	10	10
2	.....	13	14	11	2	5	5	6	10	10
3	.....	13	14	11	2	5	5	6	10	10
4	.....	13	14	11	2	5	5	6	10	10
5	.....	13	14	11	2	5	5	6	10	10
6	.....	13	14	11	2	5	5	6	10	10
7	.....	13	14	11	2	5	5	6	10	10
8	.....	13	14	11	2	5	5	6	10	10
9	.....	13	14	11	2	5	5	6	10	10
10	.....	13	14	11	2	5	5	6	10	10
11	.....	13	14	5	2	5	5	6	10	10
12	.....	13	14	5	2	5	5	6	10	10
13	.....	13	14	5	2	5	5	6	10	10
14	.....	13	14	5	2	5	5	6	10	10
15	.....	13	14	5	2	5	5	6	10	10
16	.....	13	14	5	2	5	5	6	10	10
17	.....	13	14	5	2	5	5	6	10	10
18	.....	13	14	5	2	5	5	6	10	10
19	.....	13	14	5	2	5	5	6	10	10
20	.....	13	14	5	2	5	5	6	10	10
21	9	0	24	2	2	5	5	6	10	10
22	9	0	24	2	2	5	5	6	10	10
23	9	0	24	2	2	5	5	6	10	10
24	9	0	24	2	2	5	5	6	10	10
25	9	0	24	2	2	5	5	6	10	10
26	9	0	24	2	2	5	5	6	10	10
27	9	0	24	2	2	5	5	6	10	10
28	9	0	24	2	2	5	5	6	10	10
29	9	0	24	2	2	5	5	6	10	10
30	9	0	24	2	2	5	5	6	10	10
31	9	.....	24	2	.....	5	.....	6	10	.....
Mean	9	9	18	6	.....	5	.....	6	10	.....
Max.	9	13	24	11	2	5	5	6	10	10
Min.	9	0	14	2	2	5	5	6	10	10
A. F.	196	516	1079	361	119	307	297	369	615	595

Area reported 2070 acres.  
Water used 2271 A. F.  
Per acre 1.10 A. F.

Area reported 2070 acres.  
Water used 2183 A. F.  
Per acre 1.05 A. F.

Date	1927				1928			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	10	15	30	5	38	0	0	12
2	10	15	30	5	38	0	0	12
3	10	15	30	5	38	0	0	12
4	10	15	30	5	38	0	0	12
5	10	15	30	5	38	0	0	12
6	10	15	30	5	38	0	0	12
7	10	15	30	5	38	0	0	12
8	10	15	30	5	38	0	0	12
9	10	15	30	5	38	0	0	12
10	10	15	30	5	38	0	0	12
11	10	15	30	5	38	0	0	14
12	10	15	30	5	38	0	0	14
13	10	15	30	5	38	0	0	14
14	10	15	30	5	38	0	0	14
15	10	15	30	5	38	0	0	14
16	10	15	30	5	38	0	0	14
17	10	15	30	5	38	0	0	14
18	10	15	30	5	38	0	0	14
19	10	15	30	5	38	0	0	14
20	10	15	30	5	38	0	0	14
21	14	15	30	5	38	0	0	14
22	14	14	30	5	38	0	0	14
23	14	15	30	5	38	0	0	14
24	14	15	30	5	38	0	0	14
25	14	15	30	5	38	0	0	14
26	14	15	30	5	38	0	0	14
27	14	15	30	5	38	0	0	14
28	14	15	30	5	38	0	0	14
29	14	15	30	5	38	0	0	14
30	14	15	30	5	38	0	0	14
31	.....	15	30	.....	.....	0	0	.....
Mean	11	15	30	5	38	0	0	13
Max.	14	15	30	5	38	0	0	14
Min.	10	15	30	5	38	0	0	12
A. F.	674	922	1845	297	2261	0	0	793

Area reported 2000 acres.  
Water used 3738 A. F.  
Per acre 1.87 A. F.

Area reported 2000 acres.  
Water used 3054 A. F.  
Per acre 1.53 A. F.

\*No record.

DISCHARGE IN SECOND-FEET OF BELMONT CANAL

Diverted from North Platte River. Docket 828—Date of Priority December 19, 1889

Date	1916					1917				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	*	*	300	...	*	30	73	87	105
2	...	...	...	200	...	...	25	73	95	113
3	...	...	...	200	...	...	25	69	95	109
4	...	...	...	200	...	...	25	82	95	113
5	...	...	...	200	...	...	25	87	123	*
6	...	...	...	200	...	...	25	96	105	...
7	...	...	...	200	...	...	25	102	87	...
8	...	...	...	200	...	...	20	105	78	...
9	...	...	...	200	...	...	20	105	78	...
10	...	57	...	200	...	...	30	115	78	...
11	...	*	...	200	...	...	20	123	*	...
12	...	...	...	200	...	...	16	118	...	...
13	...	...	...	200	...	...	16	115	...	...
14	...	...	239	200	...	...	20	95	...	...
15	...	...	177	200	...	...	30	95	...	...
16	48	...	177	200	...	...	34	102	...	...
17	57	...	*	200	...	...	34	95	...	...
18	67	...	...	200	...	...	47	87	...	...
19	76	...	...	200	...	...	47	123	...	...
20	*	...	...	200	...	...	52	123	...	...
21	...	...	...	200	...	...	60	123	43	...
22	...	...	...	200	...	...	56	123	43	...
23	...	...	...	200	...	...	56	95	43	...
24	...	...	...	200	...	30	60	92	43	...
25	...	...	...	200	...	30	65	69	47	...
26	...	...	...	200	...	25	87	43	47	...
27	...	...	...	200	...	25	113	49	52	...
28	...	...	...	200	...	20	95	54	47	...
29	...	...	...	200	...	25	95	60	52	...
30	...	...	...	200	...	25	82	69	82	...
31	...	...	...	200	...	30	...	78	102	...
Mean	62	57	198	200	...	26	45	92	72	110
Max.	76	57	239	200	...	30	113	123	123	113
Min.	48	57	177	200	...	20	16	43	43	105
A. F.	492	113	1176	12295	...	417	2648	5627	3018	873

Area reported 14,440 acres.  
Water used 12,583 A. F.  
Per acre 0.87 A. F.

Date	1918				1919				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	208	*	80	*	132	154	65	132
2	...	108	...	76	...	98	132	65	144
3	...	84	...	88	...	110	116	65	154
4	...	72	74	98	...	104	132	87	150
5	...	53	130	106	...	109	155	87	162
6	...	44	174	106	...	109	154	98	171
7	...	50	184	108	...	105	154	132	135
8	...	84	184	108	...	110	126	132	46
9	...	95	196	102	...	110	98	132	37
10	...	118	196	106	...	110	98	132	70
11	...	148	196	102	32	110	98	132	132
12	...	164	191	95	32	110	65	65	166
13	...	208	191	94	32	110	65	65	76
14	84	196	130	94	32	120	65	66	81
15	108	196	140	84	32	120	65	66	87
16	108	184	152	82	32	132	60	66	87
17	102	184	152	82	32	154	60	77	87
18	95	0	148	75	32	154	55	89	87
19	152	0	45	75	32	166	55	99	87
20	163	0	90	84	32	173	154	110	87
21	174	164	90	82	46	166	154	98	87
22	174	174	90	96	65	165	160	82	87
23	184	174	118	80	65	180	154	120	87
24	174	140	140	84	65	166	177	126	81
25	174	184	140	75	74	166	165	132	74
26	174	196	140	58	83	166	177	116	67
27	184	184	110	58	102	144	177	110	60
28	184	*	102	*	111	146	177	115	53
29	184	...	84	...	120	132	184	160	46
30	196	...	94	...	129	132	184	132	46
31	...	...	88	...	132	...	184	132	...
Mean	154	126	135	88	62	134	128	102	96
Max.	196	208	196	108	132	180	184	160	171
Min.	84	0	45	58	32	98	55	65	46
A. F.	5184	6767	7475	4716	2602	7950	7841	6252	5683

Area reported 14280 acres. Water used 24142 A. F. Per acre 1.69 A. F.  
Area reported 14295 acres. Water used 31446 A. F. Per acre 2.20 A. F.  
\*No record. †Exclusive of 1309 A. F. used by Empire Canal, including 2427 A. F. used by Belmont Feeder from Cedar Creek.

Belmont Canal from North Platte River—Continued

Date	1920				1921				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	150	104	0	50	40	110	164	120
2	....	113	136	0	0	40	120	164	120
3	....	160	136	0	0	40	110	164	98
4	....	160	136	0	0	40	50	176	98
5	....	140	0	88	0	40	124	176	94
6	....	109	0	85	0	40	130	176	104
7	....	109	100	92	0	40	130	172	104
8	....	95	100	130	0	40	124	172	104
9	....	80	0	100	0	40	124	190	110
10	....	78	0	100	0	40	120	190	110
11	....	76	0	100	0	40	0	190	110
12	....	79	0	113	0	40	150	190	110
13	....	79	0	113	102	48	160	179	110
14	72	85	56	130	84	40	160	168	110
15	85	88	88	136	98	48	185	172	110
16	88	88	114	136	98	20	198	190	110
17	114	100	136	136	98	20	198	185	110
18	96	92	170	104	80	56	198	190	110
19	66	88	150	104	80	48	198	180	110
20	66	92	150	114	80	50	172	172	110
21	60	82	136	136	80	32	198	172	104
22	85	70	136	112	73	80	208	172	104
23	82	73	150	128	66	49	120	164	104
24	92	74	143	114	62	48	138	164	120
25	92	76	143	102	56	50	132	164	120
26	110	78	150	102	50	60	198	130	120
27	100	79	150	104	44	68	208	130	120
28	88	79	250	106	38	60	196	142	120
29	110	79	0	108	32	76	184	142	*
30	160	114	0	108	32	94	172	142	---
31	....	100	0	....	32	....	120	142	....
Mean	92	96	91	97	43	48	150	169	110
Max.	160	160	250	136	102	94	208	190	120
Min.	60	70	0	0	0	20	0	130	94
A. F.	3106	5881	5621	5754	\$2647	2830	9193	10361	6097

Area reported 15000 acres.

Water used †20362 A. F.

Per acre 1.36 A. F.

\*No record. †Empire canal used part of this water, amount not known.

Area reported 13926 acres.

Water used †28617 A. F.

Per acre 2.05 A. F.

†Empire Canal used 2511 A. F.  
‡Total from River 31128 A. F.

Date	1922					
	May	June	July	Aug.	Sept.	Oct
1	*	21	246	158	226	158
2	....	30	216	138	226	170
3	....	40	156	138	226	170
4	....	40	156	138	206	120
5	....	40	148	138	206	120
6	....	50	196	138	206	120
7	....	108	200	118	206	120
8	30	108	200	158	0	120
9	30	108	200	158	0	138
10	9	134	200	158	0	120
11	9	144	180	158	0	120
12	10	204	185	158	0	120
13	9	204	190	196	0	120
14	9	204	200	196	0	120
15	9	204	180	196	0	78
16	9	210	200	190	0	78
17	14	199	200	206	0	78
18	9	204	220	209	0	78
19	14	215	225	209	0	78
20	14	238	238	219	0	78
21	14	226	238	219	0	78
22	9	232	238	222	0	*
23	9	232	230	219	0	---
24	9	232	236	219	158	....
25	9	232	222	222	138	---
26	21	232	224	222	138	....
27	21	240	230	222	158	....
28	21	240	230	228	158	....
29	14	240	180	210	158	....
30	21	240	180	219	158	....
31	21	---	190	222	---	....
Mean	14	168	204	187	86	113
Max.	30	240	246	228	226	170
Min.	9	21	148	118	0	78
A. F.	682	10018	12563	11506	5094	4724

Area reported 14280 acres.

Water used 42679 A. F.

Per acre 2.99 A. F.

Total from River 44587 A. F.

Empire Canal used 1908 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

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## Belmont Canal from North Platte River—Continued

Date	1923				
	May	June	July	Aug.	Sept.
1	*	28	120	86	95
2	---	28	120	82	120
3	---	60	90	82	120
4	---	65	86	82	120
5	---	44	120	82	120
6	---	54	128	110	128
7	---	82	136	110	124
8	---	78	164	106	124
9	---	60	164	136	110
10	---	28	164	136	110
11	---	11	170	144	108
12	---	0	174	144	108
13	---	0	174	140	120
14	---	38	170	70	120
15	---	22	0	144	120
16	8	28	0	140	120
17	8	40	0	144	120
18	8	54	95	144	120
19	18	54	95	144	120
20	18	50	78	128	120
21	0	50	78	110	128
22	0	60	60	110	120
23	0	82	120	102	120
24	0	82	144	120	116
25	8	78	148	120	120
26	8	82	120	120	120
27	8	86	110	110	120
28	8	86	110	102	78
29	8	86	95	102	95
30	8	102	120	95	120
31	8	---	120	95	---
Mean	7	54	112	114	116
Max.	18	102	174	144	128
Min.	0	0	0	70	78
A. F.	230	3209	6888	7022	6911

Area reported 14000 acres.  
 Water used 26737 A. F.  
 Per acre 1.91 A. F.  
 Does not include Cedar Creek water  
 diverted into Belmont Canal.  
 \*No record.

Date	1924				
	May	June	July	Aug.	Sept.
1	28	112	190	198	186
2	28	146	198	186	186
3	28	108	172	186	176
4	42	118	186	188	176
5	32	122	186	188	176
6	32	122	186	166	176
7	26	122	198	146	176
8	26	88	186	146	176
9	26	80	198	166	176
10	26	14	186	166	164
11	26	50	198	166	153
12	26	50	198	166	142
13	26	98	198	166	124
14	32	50	176	166	114
15	26	50	176	166	114
16	50	88	166	166	82
17	50	98	166	166	82
18	62	118	176	158	84
19	98	108	198	158	90
20	98	108	198	160	55
21	98	98	198	160	48
22	98	138	198	158	55
23	84	138	200	160	84
24	50	146	206	166	84
25	108	156	198	158	92
26	118	146	198	186	64
27	118	146	198	176	64
28	118	146	198	176	55
29	118	156	198	176	50
30	109	176	198	176	*
31	108	---	198	176	---
Mean	62	110	191	117	117
Max.	118	176	206	198	186
Min.	26	14	166	146	48
A. F.	3797	6538	11750	10398	6752

Date	1925				
	May	June	July	Aug.	Sept.
1	*	142	62	124	78
2	---	142	62	110	70
3	---	142	130	110	70
4	---	142	136	110	70
5	---	142	142	110	70
6	---	130	150	110	70
7	---	19	150	110	100
8	---	64	170	100	100
9	---	50	170	110	116
10	---	44	170	0	116
11	---	70	182	0	116
12	---	44	182	0	116
13	---	58	170	70	24
14	---	50	170	70	24
15	---	84	170	70	44
16	---	76	170	70	70
17	---	64	156	70	70
18	---	50	170	70	70
19	---	70	170	70	109
20	---	65	182	70	116
21	---	58	182	70	116
22	---	100	182	70	116
23	---	180	164	78	116
24	---	84	84	142	84
25	---	84	100	142	84
26	---	84	100	114	70
27	---	92	100	156	70
28	---	92	180	142	70
29	---	124	180	164	70
30	---	124	132	74	70
31	---	130	---	110	78
Mean	102	95	151	76	82
Max.	130	180	182	124	116
Min.	84	19	62	0	24
A. F.	1615	5677	9295	4657	4911

Area reported 14295 acres.  
 Water used 37484 A. F.  
 Per acre 2.62 A. F.  
 Empire Canal used 1751 A. F.  
 Total from River 39235 A. F.  
 \*No record.

Area reported 14000 acres.  
 Water used 25738 A. F.  
 Per acre 1.84 A. F.  
 Empire Canal used 417 A. F.  
 Total from River 26155 A. F.  
 \*No record.



Belmont Canal from North Platte River—Continued

Date	1926					1927				
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.	Oct.
1	50	72	82	156	140	92	96	120	100	66
2	50	72	106	162	140	92	86	120	100	66
3	50	72	148	169	140	92	96	56	108	56
4	50	106	152	165	133	92	132	56	108	56
5	50	106	156	162	133	92	132	48	96	0
6	50	106	160	162	106	92	132	56	96	0
7	50	106	164	133	106	92	120	56	86	0
8	50	106	169	106	114	92	120	56	96	0
9	50	106	174	106	128	92	108	56	120	0
10	50	106	174	114	106	92	96	86	120	0
11	72	124	169	100	106	94	96	120	120	0
12	72	124	169	106	88	94	96	120	120	0
13	72	114	156	106	82	94	120	108	120	0
14	72	94	162	88	82	94	160	120	120	0
15	72	94	169	82	82	94	160	120	120	0
16	72	114	156	82	82	78	160	120	120	0
17	66	72	156	94	94	78	186	108	120	0
18	72	72	140	106	106	78	198	86	120	0
19	77	82	140	106	106	78	186	86	120	0
20	72	82	140	106	106	86	198	86	108	0
21	72	82	140	106	106	86	198	120	108	0
22	72	82	140	106	106	86	198	120	108	0
23	82	82	140	106	106	86	212	120	114	0
24	82	82	140	106	106	86	198	132	108	0
25	82	94	140	106	106	86	198	132	86	0
26	94	94	140	106	106	86	198	132	86	0
27	94	94	140	106	106	86	198	132	86	0
28	72	82	140	106	106	96	198	146	96	0
29	72	106	140	140	106	108	186	132	66	0
30	72	94	140	140	106	120	186	108	66	0
31	60	....	140	140	....	....	120	108	....	0
Mean	67	94	148	119	108	90	154	102	105	8
Max.	94	124	174	169	140	120	212	146	120	66
Min.	50	72	82	82	82	78	86	48	66	56
A. F.	4112	5596	9088	7295	6425	5383	9457	6280	6232	484
	*614	595	676	553	714					
	746	30	484	154	0					

Area reported 14000 acres.

Water used 35511 A. F.

Per acre 2.54 A. F.

Empire Canal used 711 A. F.

\*Total added by Cedar Creek 3706 A. F.

†Total from River 32516 A. F.

Area reported 16940 acres.

Water used 30035 A. F.

Per acre 1.77 A. F.

River plus Cedar Creek 30035 A. F.

1928

Date	May	June	July	Aug.	Sept.	Oct.
1	58	98	85	94	114	85
2	58	90	85	94	104	85
3	50	72	85	94	114	85
4	45	104	78	94	120	85
5	45	85	78	94	114	81
6	50	104	72	94	114	81
7	50	64	72	94	114	0
8	47	72	72	90	140	*
9	52	72	126	94	126	....
10	57	72	114	94	120	....
11	57	72	114	104	114	....
12	52	64	114	114	108	....
13	64	64	123	140	104	....
14	47	78	140	140	98	....
15	47	78	140	140	90	....
16	50	78	140	140	94	....
17	10	78	108	174	94	....
18	50	78	85	174	94	....
19	50	64	98	174	94	....
20	48	64	57	174	85	....
21	50	0	57	174	85	....
22	50	72	85	196	85	....
23	57	72	85	174	85	....
24	57	78	104	174	85	....
25	57	78	94	174	85	....
26	57	78	85	174	81	....
27	58	85	85	174	81	....
28	58	0	94	174	82	....
29	72	0	94	174	81	....
30	72	0	104	140	85	....
31	85	....	94	120	....	....
Mean	54	67	96	137	100	72
Max.	72	104	140	196	140	85
Min.	10	0	72	90	81	0
A. F.	3293	3995	5885	8444	5930	996

Area reported 16000 acres.

Water used 28543 A. F.

Per acre 1.78 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND-FEET OF BELMONT FEEDER Diverted from Cedar Creek. Application 1397—Date of Priority January 7, 1915

Date	1919				1922					
	May	June	July		May	June	July	Aug.	Sept.	Oct.
1	*	24	27		*	6	6	7	9	8
2	---	9	33		---	6	6	7	9	8
3	---	5	36		---	6	6	7	9	8
4	---	5	38		---	6	6	7	9	7
5	---	5	45		---	6	6	7	9	7
6	---	5	24		---	6	6	7	9	7
7	---	5	24		---	6	6	8	9	7
8	---	5	5		---	6	6	8	9	6
9	---	15	5		---	6	6	8	9	6
10	20	9	24		8	6	6	8	9	6
11	20	7	30		8	6	6	8	9	6
12	15	7	24		8	6	6	8	9	5
13	15	15	5		8	6	6	8	9	5
14	7	12	7		7	6	6	8	9	5
15	7	12	7		7	6	6	8	10	4
16	5	14	5		7	6	6	8	10	4
17	5	16	5		7	6	6	8	10	*
18	5	18	5		7	6	6	8	10	---
19	12	18	5		7	6	6	8	10	---
20	12	20	5		7	6	6	8	10	---
21	12	20	5		7	6	8	9	10	---
22	12	22	5		7	6	8	9	10	---
23	12	24	5		7	6	8	9	10	---
24	15	26	6		6	6	8	9	10	---
25	7	28	6		6	6	8	9	10	---
26	9	30	6		6	6	7	9	9	---
27	12	32	7		6	6	7	9	9	---
28	21	35	9		6	6	7	9	9	---
29	21	30	9		6	6	7	9	9	---
30	21	30	9		6	6	7	9	9	---
31	21	---	9		6	---	7	9	---	---
Mean	13	17	14		7	6	7	8	9	6
Max.	21	35	45		8	6	8	9	10	8
Min.	5	5	5		6	6	6	7	9	4
A. F.	567	997	863		297	357	401	502	557	196
Total	2427 A. F.				2310 A. F.					

Date	1923					1926					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	*	11	10	10	7	10	10	11	9	13	9
2	---	11	10	10	7	10	10	11	9	13	9
3	---	11	10	10	7	10	10	11	9	13	9
4	---	11	10	10	7	10	10	11	9	13	9
5	---	11	10	10	7	10	10	11	9	13	9
6	---	11	10	10	7	10	10	11	9	13	9
7	---	11	10	10	7	10	10	11	9	13	9
8	---	11	10	10	7	10	10	11	9	13	9
9	---	11	10	10	7	10	10	11	9	13	9
10	---	11	10	10	7	10	10	11	9	13	9
11	---	11	10	10	7	10	10	11	9	13	9
12	---	11	10	10	7	10	10	11	9	13	9
13	---	11	10	10	7	10	10	11	9	13	9
14	---	11	10	10	7	10	10	11	9	13	9
15	9	11	10	10	7	10	10	11	9	13	9
16	9	11	10	10	7	10	10	11	9	13	9
17	9	11	10	10	7	10	10	11	9	13	9
18	9	11	10	10	7	10	10	11	9	13	9
19	9	11	10	10	7	10	10	11	9	13	9
20	9	11	10	10	7	10	10	11	9	13	9
21	6	11	10	10	7	10	10	11	9	10	9
22	6	11	10	10	7	10	10	11	9	10	9
23	6	11	10	10	7	10	10	11	9	10	9
24	6	11	10	10	7	10	10	11	9	10	9
25	6	11	10	10	7	10	10	11	9	10	9
26	0	11	10	10	7	10	10	11	9	10	9
27	0	11	10	10	7	10	10	11	9	10	9
28	0	11	10	10	7	10	10	11	9	10	9
29	0	11	10	10	7	10	10	11	9	10	9
30	0	11	10	10	7	10	---	11	9	---	9
31	0	---	10	10	---	10	10	11	9	12	9
Mean	5	11	10	10	7	10	10	11	9	13	9
Max.	9	11	10	10	7	10	10	11	9	10	9
Min.	0	11	10	10	7	10	10	11	9	10	9
A. F.	167	654	615	615	416	615	595	676	553	714	553
Total	2467 A. F.					3706 A. F.					

\*No record.



# HYDROGRAPHIC REPORT—1928

1061

## Birdwood Canal from Birdwood Creek—Continued

Date	1923					1924				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	7	9	0	7	*	6	11	29	19
2		7	9	0	7		6	11	29	19
3	....	7	9	0	7	....	6	11	29	19
4	....	7	9	0	7	....	6	11	29	19
5	....	7	9	0	7	....	6	11	29	19
6	....	7	9	0	7	....	5	13	27	15
7	....	7	9	0	7	....	5	13	27	15
8	....	7	9	0	7	....	5	13	27	15
9	....	7	9	0	7	....	5	13	27	15
10	....	7	9	0	7	....	5	13	27	15
11	....	0	35	0	12	....	4	15	19	10
12	....	0	35	0	12	....	4	15	19	10
13	....	0	35	0	12	....	4	15	19	10
14	....	0	35	0	12	....	4	15	19	10
15	....	0	35	0	12	....	4	15	19	10
16	....	0	0	0	12	....	5	16	9	0
17	....	0	0	0	12	....	5	16	9	0
18	5	0	0	0	12	....	5	16	9	0
19	5	0	0	0	12	....	5	16	9	0
20	5	0	0	0	12	....	5	16	9	0
21	5	9	0	6	5	....	7	14	12	0
22	5	9	0	6	5	8	7	14	12	0
23	5	9	0	6	5	8	7	14	12	0
24	5	9	0	6	5	8	7	14	12	0
25	5	9	0	6	5	8	7	14	12	0
26	7	9	0	6	0	7	8	22	18	0
27	7	9	0	6	0	7	8	22	18	0
28	7	9	0	6	0	7	8	22	18	0
29	7	9	0	6	0	7	8	22	18	0
30	7	9	0	6	0	7	8	22	18	0
31	7	0	0	6	—	7	7	22	18	—
Mean	6	9	9	2	7	7	8	15	19	11
Max.	7	9	35	6	12	8	8	22	29	19
Min.	5	0	0	0	0	7	4	11	9	0
A. F.	163	317	525	131	426	147	347	946	1166	436

Area reported 5500 acres.  
Water used 1562 A. F.  
Per acre 0.28 A. F.

Area reported 5517 acres.  
Water used 3042 A. F.  
Per acre 0.55 A. F.

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	0	18	0	7	17	20	0	30	19
2	0	0	18	0	7	17	20	0	30	19
3	0	0	18	0	7	17	20	0	30	19
4	0	0	18	0	7	17	20	0	30	19
5	0	0	18	0	7	17	20	0	30	19
6	17	0	18	0	7	17	20	0	30	19
7	17	0	18	0	7	17	20	0	30	19
8	17	0	18	0	7	17	20	0	30	19
9	17	0	18	0	7	17	20	0	30	19
10	17	0	18	0	7	17	20	0	30	19
11	17	14	22	0	8	21	20	27	13	10
12	17	14	22	0	8	21	20	27	13	10
13	17	14	22	0	8	21	20	27	13	10
14	17	14	22	0	8	21	20	27	13	10
15	17	14	22	0	8	21	20	27	13	10
16	10	14	22	0	8	21	0	27	13	10
17	10	14	22	0	8	21	0	27	13	10
18	10	14	22	0	8	21	0	27	13	10
19	10	14	22	0	8	21	0	27	13	10
20	10	14	22	0	8	21	0	27	13	10
21	10	22	24	11	8	21	0	27	13	0
22	10	22	24	11	8	21	0	27	13	0
23	10	22	24	11	8	21	0	27	13	0
24	10	22	24	11	8	21	0	27	13	0
25	10	22	24	11	8	21	0	27	13	0
26	10	22	24	11	8	21	0	16	13	0
27	10	22	24	11	8	21	0	16	13	0
28	10	22	24	11	8	21	0	16	13	0
29	10	22	24	11	8	21	0	16	13	0
30	10	22	24	11	8	21	0	16	13	0
31	10	—	24	11	—	21	—	16	13	—
Mean	11	12	21	4	8	20	10	16	18	10
Max.	17	22	24	11	8	21	20	27	30	19
Min.	0	0	18	0	7	17	0	0	13	0
A. F.	655	714	1317	240	456	1211	595	994	1136	575

Area reported 5541 acres.  
Water used 3382 A. F.  
Per acre 0.61 A. F.  
\*No record.

Area reported 3265 acres.  
Water used 4511 A. F.  
Per acre 1.38 A. F.

STATE OF NEBRASKA

Birdwood Canal from Birdwood Creek—Continued

Date	1927						1928				
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.	Oct.
1	0	0	4	8	7	8	14	12	15	16	5
2	0	0	4	8	7	8	14	12	15	16	5
3	0	0	4	8	7	8	14	12	15	16	5
4	0	0	4	8	7	8	14	12	15	16	5
5	0	0	4	8	7	8	14	12	15	16	5
6	0	0	4	8	7	8	14	12	15	16	5
7	0	0	4	8	7	8	14	12	15	16	5
8	0	0	4	8	7	8	14	12	15	16	5
9	0	0	4	8	7	8	14	12	15	16	5
10	0	0	4	8	7	8	14	12	15	16	5
11	0	0	4	8	7	8	14	12	15	16	5
12	0	0	4	8	7	8	14	12	15	16	5
13	0	0	4	8	7	8	14	12	15	16	5
14	0	0	4	8	7	8	14	12	15	16	5
15	0	0	4	8	7	8	14	12	15	16	5
16	15	0	4	8	7	8	14	12	12	9	5
17	15	0	4	8	7	8	14	12	12	9	5
18	15	0	4	8	7	8	14	12	12	9	5
19	15	0	4	8	7	8	14	12	12	9	5
20	15	0	4	8	7	8	14	12	12	9	5
21	15	24	15	6	7	7	14	10	12	9	0
22	15	24	15	6	7	7	14	10	12	9	*
23	15	24	15	6	7	7	14	10	12	9	.....
24	15	24	15	6	7	7	14	10	12	9	.....
25	15	24	15	6	7	7	14	10	12	9	.....
26	15	24	15	6	7	7	14	10	19	9	.....
27	15	24	15	6	7	7	14	10	19	9	.....
28	15	24	15	6	7	7	14	10	19	9	.....
29	15	24	15	6	7	7	14	10	19	9	.....
30	15	24	15	6	7	7	14	10	19	9	.....
31	15	.....	15	6	.....	7	.....	10	19	.....	.....
Mean	8	8	8	7	7	8	14	11	15	13	5
Max.	15	24	15	8	7	8	14	12	19	16	5
Min.	0	0	4	6	7	7	14	10	12	9	0
A. F.	476	476	486	448	416	470	833	694	910	744	198

Area reported 3265 acres.  
 Water used 2772 A. F.  
 Per acre 0.85 A. F.

Area reported 5516 acres.  
 Water used 3379 A. F.  
 Per acre 0.61 A. F.

DISCHARGE IN SECOND-FEET OF BLUE CREEK CANAL  
 Diverted from Blue Creek. Docket 785—Date of Priority December 27, 1893

Date	1918				1919			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	29	17	25	*	24	37	41
2	.....	30	21	28	.....	25	37	35
3	.....	29	25	28	.....	0	37	35
4	.....	28	27	27	.....	0	37	35
5	.....	26	24	28	.....	0	35	35
6	33	26	20	8	.....	0	35	35
7	32	24	24	24	.....	0	35	35
8	30	25	17	26	.....	14	35	35
9	23	31	15	22	31	26	35	38
10	23	31	18	23	24	25	35	41
11	34	33	16	17	25	24	35	37
12	35	35	3	17	25	24	35	34
13	36	37	4	17	29	25	35	31
14	36	27	16	20	30	26	35	28
15	35	31	17	21	30	25	35	25
16	11	30	18	23	31	25	35	25
17	23	30	16	21	32	25	35	25
18	28	26	15	21	28	25	0	25
19	29	25	15	11	28	25	0	23
20	30	32	6	12	25	25	0	23
21	26	21	4	11	24	25	0	22
22	27	22	4	11	24	26	0	22
23	27	30	3	11	24	32	0	22
24	32	29	3	13	34	39	0	*
25	41	30	10	14	32	36	0	.....
26	28	32	10	14	33	33	0	.....
27	32	29	10	13	32	30	0	.....
28	29	29	13	13	24	26	0	.....
29	33	30	15	*	24	25	0	.....
30	8	30	26	.....	24	25	39	.....
31	.....	22	25	.....	.....	37	39	.....
Mean	29	29	15	19	28	22	22	31
Max.	41	37	27	28	34	39	39	41
Min.	8	21	3	8	24	0	0	22
A. F.	1430	1763	906	1029	1216	1382	1350	1402

Area reported 2835 acres.  
 Water used 5128 A. F.  
 Per acre 1.81 A. F.  
 \*No record.

Area reported 2971 acres.  
 Water used 5350 A. F.  
 Per acre 1.80 A. F.

# HYDROGRAPHIC REPORT—1928

1063

## Blue Creek Canal from Blue Creek—Continued

Date	1921				1922			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	32	49	27	*	33	39	47
2	....	33	49	26	....	33	39	40
3	....	39	49	26	....	32	40	30
4	....	35	49	26	....	32	40	25
5	....	36	49	25	....	32	40	17
6	....	36	49	25	....	31	40	10
7	....	35	49	24	....	31	41	0
8	....	34	49	24	....	31	41	15
9	....	34	49	23	....	30	41	15
10	....	34	49	23	....	30	41	15
11	....	35	46	22	....	30	42	16
12	....	36	43	22	....	30	42	16
13	....	37	40	21	....	29	42	16
14	....	38	38	21	....	29	43	17
15	....	39	36	21	....	30	43	17
16	....	40	33	21	32	31	43	17
17	....	41	31	21	32	32	44	20
18	....	42	29	21	32	34	44	22
19	....	43	28	20	32	35	44	23
20	....	44	28	20	32	36	44	26
21	22	45	28	20	32	36	44	28
22	23	46	28	20	32	36	45	30
23	24	47	28	20	32	37	45	32
24	25	48	28	20	32	37	45	34
25	26	49	28	20	32	37	45	35
26	27	50	28	20	33	37	46	30
27	28	50	28	19	33	38	46	22
28	29	50	28	19	33	38	46	16
29	30	49	28	19	33	38	46	10
30	31	49	28	19	33	38	47	5
31	....	49	27	....	....	39	47	....
Mean	27	41	37	22	32	34	43	22
Max.	31	50	49	27	33	39	47	47
Min.	22	32	27	19	32	29	39	0
A. F.	526	2528	2279	1299	962	2066	2647	1281

Area reported 2971 acres.      Area reported 2770 acres.  
 Water used 6632 A. F.      Water used 6356 A. F.  
 Per acre 2.23 A. F.      Per acre 2.51 A. F.

Date	1923					1924					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	*	15	15	17	15	*	10	40	23	42	7
2	....	15	15	17	15	....	10	40	23	42	7
3	....	15	15	17	15	....	10	40	23	42	7
4	....	15	15	17	15	....	10	40	23	42	7
5	....	15	15	17	15	....	10	40	23	42	7
6	....	15	21	17	15	....	10	40	23	42	7
7	....	15	21	17	15	....	10	40	23	42	*
8	....	15	21	17	15	....	10	40	23	42	....
9	....	15	21	17	15	....	10	40	23	42	....
10	....	15	21	17	15	....	10	40	23	42	....
11	....	10	21	17	38	....	10	56	35	42	....
12	....	10	21	17	38	....	10	56	35	42	....
13	....	10	21	17	38	....	10	56	35	42	....
14	....	10	21	17	38	....	10	56	35	42	....
15	....	10	21	17	38	....	10	56	35	42	....
16	23	10	40	17	30	....	20	56	35	40	....
17	23	10	40	17	30	....	20	56	35	40	....
18	23	10	40	17	30	....	20	56	35	40	....
19	23	10	40	17	30	....	20	56	35	40	....
20	23	10	40	17	30	....	21	20	56	35	40
21	23	4	17	7	30	....	21	20	47	51	40
22	23	4	17	7	30	....	21	20	47	51	40
23	23	4	17	7	30	....	21	20	47	51	40
24	23	4	17	7	30	....	21	20	47	51	40
25	23	4	17	7	30	....	21	20	47	51	40
26	15	4	17	7	24	....	21	30	30	51	20
27	15	4	17	7	24	....	21	30	30	51	20
28	15	4	17	7	24	....	21	30	30	51	20
29	15	4	17	7	24	....	21	30	30	51	20
30	15	4	17	7	24	....	21	30	30	51	20
31	15	....	17	7	....	....	21	....	30	51	....
Mean	20	10	22	13	25	....	21	17	44	37	38
Max.	23	15	40	17	38	....	21	30	56	51	42
Min.	15	4	15	7	15	....	21	10	30	23	20
A. F.	634	575	1332	827	1507	....	458	992	2727	2263	2241

Area reported 2970 acres.      Area reported 2577 acres.  
 Water used 4875 A. F.      Water used 8764 A. F.  
 Per acre 1.64 A. F.      Per acre 3.40 A. F.

\*No record.

Blue Creek Canal from Blue Creek—Continued

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	22	8	45	21	0	36	24	56	43
2	0	22	8	45	21	0	36	24	56	43
3	0	22	8	45	21	0	36	24	56	43
4	0	22	8	45	21	0	36	24	56	43
5	0	22	8	45	21	0	36	24	56	43
6	0	22	8	45	21	0	36	24	59	43
7	0	22	8	45	21	0	36	24	59	43
8	0	22	8	45	21	0	36	24	59	43
9	0	22	8	45	21	0	36	24	59	43
10	0	22	8	45	21	0	36	24	59	43
11	0	21	14	35	21	0	36	24	59	43
12	0	21	14	35	21	0	36	24	59	43
13	0	21	14	35	21	0	36	24	59	43
14	0	21	14	35	21	0	36	24	59	43
15	0	21	14	35	21	0	36	24	59	43
16	34	21	14	35	21	6	45	24	45	43
17	34	21	14	35	21	6	45	24	45	43
18	34	21	14	35	21	6	45	24	45	43
19	34	21	14	35	21	6	45	24	45	43
20	34	21	14	34	21	6	45	24	45	43
21	34	33	29	29	21	6	45	24	45	20
22	34	33	29	29	21	6	45	24	45	20
23	34	33	29	29	21	6	45	24	45	20
24	34	33	29	29	21	6	45	24	45	20
25	34	33	29	29	21	6	45	24	45	20
26	34	33	29	29	21	6	45	43	45	20
27	34	33	29	29	21	6	45	43	45	20
28	34	33	29	29	21	6	45	43	45	20
29	34	33	29	29	21	6	45	42	45	20
30	34	33	29	29	21	6	45	42	45	20
31	34	33	29	29	21	6	45	42	45	20
Mean	18	25	17	36	21	3	41	28	51	35
Max.	34	33	29	45	21	6	45	43	59	43
Min.	0	21	8	29	21	0	36	24	45	20
A. F.	1079	1507	1069	2220	1250	190	2409	1696	3153	2102

Area reported 2877 acres.  
Water used 7125 A. F.  
Per acre 2.48 A. F.

Area reported 2497 acres.  
Water used 9550 A. F.  
Per acre 3.82 A. F.

Date	1927					1928					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	*	8	52	19	7	0	24	14	5	38	8
2	....	8	52	19	7	0	24	14	5	38	8
3	....	8	52	19	7	0	24	14	5	38	8
4	....	8	52	19	7	0	24	14	5	38	8
5	....	8	52	19	7	0	24	14	5	38	8
6	....	8	52	19	7	0	15	14	5	38	8
7	....	8	52	19	7	0	15	14	5	38	8
8	....	8	52	19	7	0	15	14	5	38	8
9	....	8	52	19	7	0	15	14	5	38	8
10	....	8	52	19	7	0	15	14	5	38	8
11	....	8	52	19	7	0	15	14	5	38	8
12	....	8	52	19	7	0	15	14	5	38	8
13	....	8	52	19	7	0	15	14	5	38	8
14	....	8	52	19	7	0	15	14	5	38	8
15	....	8	52	19	7	0	15	14	5	38	8
16	....	8	52	19	7	0	15	14	48	39	8
17	....	8	52	19	7	0	15	14	48	39	8
18	....	8	52	19	7	0	15	14	48	39	8
19	....	8	52	19	7	0	15	14	48	39	8
20	9	8	52	19	7	0	15	14	48	39	8
21	18	8	57	11	7	32	15	14	48	39	0
22	18	8	57	11	7	32	15	14	48	39	0
23	18	8	57	11	7	32	15	14	48	39	0
24	18	8	57	11	7	32	15	14	48	39	0
25	18	8	57	11	7	32	15	14	48	39	0
26	18	8	57	11	7	32	2	14	48	39	0
27	18	8	57	11	7	32	2	14	48	39	0
28	18	8	57	11	7	32	2	14	48	39	0
29	18	8	57	11	7	32	2	14	48	39	0
30	18	8	57	11	7	32	2	14	48	39	0
31	18	....	57	11	....	32	....	14	48	....	0
Mean	17	8	54	16	7	11	14	14	27	39	5
Max.	18	8	57	19	7	32	24	14	48	39	8
Min.	9	8	52	11	7	0	2	14	5	38	0
A. F.	410	476	3306	993	416	698	853	861	1672	2291	317

Area reported 2839 acres.  
Water used 5601 A. F.  
Per acre 1.97 A. F.

\*No record.

Area reported 2589 acres.  
Water used 6692 A. F.  
Per acre 2.58 A. F.

# HYDROGRAPHIC REPORT—1928

1065

## DISCHARGE IN SECOND-FEET OF BROWN CREEK CANAL

Diverted from North Platte River. Dockets 857 and 1033—Date of Priority  
January 20, 1892

Date	1916			1917			
	June	July	Aug.	May	June	July	Aug.
1	*	*	*	*	45	27	
2	....	....	....	....	70	121	
3	....	....	....	....	70	93	
4	....	....	....	....	70	85	
5	....	....	....	....	70	100	
6	....	....	....	....	80	93	
7	....	....	....	....	90	81	
8	....	114	....	....	132	70	
9	....	112	....	....	125	70	
10	....	112	....	....	125	78	
11	....	99	....	....	125	81	
12	....	84	....	....	125	*	
13	....	84	....	....	128	....	
14	....	84	....	....	128	....	
15	....	84	....	....	121	....	
16	....	84	....	....	128	....	
17	....	84	....	....	132	....	
18	....	84	....	....	132	....	
19	....	*	....	....	123	....	
20	....	....	....	....	135	....	
21	....	....	....	27	135	....	
22	....	....	....	41	135	....	
23	....	....	....	27	128	....	
24	....	....	....	27	132	....	
25	....	....	....	60	130	....	
26	....	....	....	61	128	....	
27	....	....	....	63	106	....	
28	....	....	....	45	96	....	
29	....	....	....	51	100	....	
30	82	....	....	45	85	....	
31	....	....	....	45	....	....	
Mean	....	....	85	45	111	82	
Max.	....	....	....	63	135	121	
Mean	....	....	....	27	45	27	
A. F.	....	....	....	976	6603	1783	

Area reported 6540 acres.  
Water used 9362 A. F.  
Per acre 1.43 A. F.

Date	1917				
	May	June	July	Aug.	Sept.
1	*	38	120	38	26
2	....	38	120	46	26
3	....	38	120	46	32
4	....	38	120	46	26
5	....	38	112	46	26
6	....	38	112	46	26
7	....	38	105	46	26
8	....	38	105	46	26
9	....	46	105	46	26
10	....	46	88	46	21
11	....	55	88	46	21
12	....	55	97	38	21
13	....	63	98	38	21
14	....	63	112	38	21
15	....	71	120	32	16
16	32	80	112	32	16
17	32	80	120	32	13
18	32	80	120	26	13
19	32	97	112	26	13
20	32	120	105	26	13
21	32	105	105	26	13
22	32	112	105	26	*
23	32	120	97	26	....
24	38	112	88	26	....
25	38	112	88	32	....
26	38	112	71	26	....
27	26	112	26	26	....
28	26	112	38	26	....
29	26	112	38	32	....
30	38	112	38	32	....
31	38	....	38	32	....
Mean	33	76	94	35	21
Max.	38	120	120	46	32
Min.	26	38	26	26	13
A. F.	1039	4524	5796	2174	877

Area reported 6540 acres.  
Water used 14410 A. F.  
Per acre 2.20 A. F.

\*No record.



STATE OF NEBRASKA

Brown Creek Canal from North Platte River—Continued

Date	1919					1920				
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.
1	*	63	77	*	40	14	*	75	64	38
2	...	63	85	...	40	14	...	81	20	38
3	...	63	85	...	33	14	...	93	38	38
4	...	55	85	...	33	*	...	75	50	38
5	...	85	85	...	33	...	...	64	55	45
6	...	85	85	...	33	...	...	75	62	32
7	...	77	92	...	33	...	...	93	68	30
8	...	77	92	...	33	...	...	68	68	38
9	...	77	*	...	33	...	...	56	68	38
10	...	77	25	...	25	...	...	50	68	38
11	...	77	40	...	33	...	...	50	68	38
12	...	77	55	...	25	...	20	80	55	38
13	...	70	63	48	25	...	17	80	55	38
14	...	63	63	48	19	...	12	80	50	32
15	...	55	63	40	19	...	55	70	7	32
16	...	55	63	48	14	...	38	68	20	32
17	...	33	63	55	14	...	29	81	38	32
18	...	55	63	48	14	...	20	81	28	20
19	19	55	63	48	14	...	26	81	20	20
20	25	55	55	48	14	...	32	81	20	20
21	40	*	70	40	14	...	38	64	17	20
22	40	...	70	40	14	...	38	45	18	20
23	40	...	63	40	14	...	38	29	20	20
24	33	...	63	48	14	...	45	*	20	20
25	33	...	63	48	14	...	45	...	29	17
26	48	55	63	48	14	...	38	...	21	17
27	55	48	55	30	14	...	56	18	18	17
28	63	48	71	40	14	...	56	44	32	17
29	70	70	77	33	14	...	68	64	38	17
30	63	70	77	33	14	...	68	68	50	17
31	70	...	*	*	...	...	...	56	45	...
Mean	46	64	68	44	22	14	39	67	40	29
Max.	70	85	92	55	40	14	68	93	68	45
Min.	19	33	25	30	14	14	12	18	7	17
A. F.	1188	3189	3927	1553	1323	83	1465	3708	2440	1699

Area reported 6323 acres.  
Water used 11263 A. F.  
Per acre 1.78 A. F.

Area reported 6332 acres.  
Water used 9312 A. F.  
Per acre 1.47 A. F.

Date	1921					1922				
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.	Oct.
1	*	†	†	68	42	61	98	30	96	
2	...	...	63	65	45	58	116	34	94	
3	...	...	74	65	50	65	106	34	92	
4	...	...	76	65	65	82	102	40	87	
5	...	...	80	66	65	78	102	48	82	
6	...	...	81	65	57	58	106	48	77	
7	...	...	78	65	53	71	82	76	72	
8	...	...	81	68	38	78	64	62	67	
9	...	...	81	68	53	66	58	52	62	
10	...	...	81	65	53	54	44	52	57	
11	...	...	80	57	45	42	28	42	52	
12	...	...	78	53	45	30	21	42	53	
13	...	...	82	45	34	17	12	40	55	
14	...	...	80	50	34	29	12	35	59	
15	...	...	81	38	34	40	44	27	62	
16	...	...	78	31	23	51	42	20	65	
17	...	...	80	42	26	63	39	42	67	
18	...	...	81	74	26	74	36	40	68	
19	...	...	83	65	26	86	33	38	70	
20	...	...	83	42	31	102	30	35	71	
21	9	...	84	23	26	106	27	32	73	
22	9	...	84	23	26	106	24	30	75	
23	9	...	84	42	26	102	23	40	76	
24	4	...	84	42	*	98	26	48	73	
25	4	...	86	45	...	92	37	58	70	
26	4	...	86	45	...	90	31	68	66	
27	4	...	86	45	...	88	21	77	62	
28	30	...	81	45	...	85	17	86	58	
29	23	...	71	45	...	82	24	108	54	
30	23	...	81	45	...	82	30	100	50	
31	23	...	80	45	...	...	21	98	...	
Mean	13	...	80	52	40	72	47	51	69	
Max.	30	...	86	74	65	106	106	108	96	
Min.	4	...	63	23	23	17	12	20	50	
A. F.	281	...	4775	3177	1830	4237	2888	3138	4096	

Area reported 6333 acres.  
Water used 10063 A. F.  
Per acre 1.59 A. F.  
\*No record.  
†River too high for use of headgate.

Area reported 6332 acres.  
Water used 14359 A. F.  
Per acre 2.27 A. F.

# HYDROGRAPHIC REPORT—1928

1067

## Brown Creek Canal from North Platte River—Continued

Date	1923				1924			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	32	30	40	20	15	52	54	60
2	32	30	40	20	15	52	54	60
3	32	30	40	20	15	52	54	60
4	32	30	40	20	15	52	54	60
5	32	30	40	20	15	52	54	60
6	32	30	40	20	22	54	68	52
7	32	30	40	20	22	54	68	52
8	32	30	40	20	22	54	68	52
9	32	30	40	20	22	54	68	52
10	32	30	40	20	22	54	68	52
11	32	30	38	40	28	54	90	43
12	32	30	38	40	28	54	90	43
13	32	30	38	40	28	54	90	43
14	32	30	38	40	28	54	90	43
15	32	30	38	40	28	54	90	43
16	32	30	38	40	36	53	90	33
17	32	30	38	40	36	53	90	33
18	32	30	38	40	36	53	90	33
19	32	30	38	40	36	53	90	33
20	32	30	30	61	36	53	90	33
21	32	30	30	61	43	53	85	15
22	32	30	30	61	43	53	85	15
23	32	30	30	61	43	53	85	15
24	32	30	30	61	43	53	85	15
25	32	30	30	61	43	53	85	15
26	32	30	25	30	49	52	67	5
27	32	30	25	30	49	52	67	5
28	32	30	25	30	49	52	67	5
29	32	30	18	30	49	52	67	5
30	32	30	18	30	49	52	67	5
31	....	30	18	....	....	52	67	....
Mean	32	30	34	36	32	53	75	35
Max.	32	30	40	61	49	54	90	60
Min.	32	30	18	20	15	52	54	5
A. F.	1904	1844	2084	2134	1914	3257	4635	2063

Area reported 6332 acres.

Area reported 6332 acres.

Water used 7966 A. F.

Water used 11869 A. F.

Per acre 1.26 A. F.

Per acre 1.87 A. F.

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	54	60	96	85	23	30	62	83	89
2	....	54	60	96	85	23	30	57	89	89
3	....	54	60	96	85	23	30	62	92	90
4	....	54	60	96	85	23	30	67	94	89
5	....	54	60	96	85	23	30	72	89	62
6	....	54	80	96	85	23	30	67	91	57
7	....	54	80	96	85	23	30	67	96	60
8	....	54	80	96	85	23	30	67	89	57
9	....	54	80	96	85	23	30	67	91	57
10	48	54	80	96	85	23	30	67	82	58
11	49	68	85	87	85	23	30	32	89	58
12	28	68	85	87	85	23	30	32	84	57
13	34	68	48	87	85	23	30	32	93	56
14	48	68	48	87	85	23	30	30	84	55
15	48	68	48	87	85	23	30	32	73	57
16	48	68	50	87	85	23	4	37	74	0
17	48	68	50	87	85	23	4	40	87	0
18	76	68	50	87	85	23	4	32	73	0
19	61	68	50	87	85	23	4	32	74	0
20	40	68	50	87	85	23	4	27	76	0
21	48	34	50	85	85	23	4	37	68	0
22	40	34	50	85	85	23	4	42	66	0
23	40	34	50	85	85	23	4	42	69	0
24	40	34	50	85	85	23	4	42	66	0
25	40	34	50	85	85	23	4	42	64	0
26	40	34	77	85	85	23	4	34	69	0
27	40	34	77	85	85	23	4	37	66	0
28	40	34	77	85	85	23	4	82	62	0
29	40	34	77	85	85	23	4	84	64	0
30	40	34	77	85	85	23	4	76	66	0
31	40	....	77	85	....	23	....	87	62	....
Mean	44	52	64	89	85	23	17	51	78	33
Max.	76	68	85	96	85	23	30	87	96	90
Min.	28	34	48	85	85	23	4	27	62	0
A. F.	1918	3094	3919	5484	5058	1414	1011	3148	4810	1965

Area reported 6768 acres.

Area reported 6700 acres.

Water used 19473 A. F.

Water used 12348 A. F.

Per acre 2.88 A. F.

Per acre 1.84 A. F.

\*No record.

STATE OF NEBRASKA

Brown Creek Canal from North Platte River—Continued

Date	1927					1928				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	24	28	45	1	53	46	35	50	58
2	0	24	26	43	1	53	46	35	50	58
3	0	24	20	46	1	53	46	35	50	58
4	0	24	16	63	1	53	46	35	50	58
5	0	24	20	65	1	53	46	35	50	58
6	0	24	20	69	1	53	44	35	50	58
7	0	24	14	69	1	53	44	35	50	58
8	0	24	11	65	1	53	44	35	50	58
9	0	24	15	65	1	53	44	35	50	58
10	0	24	13	65	1	53	44	35	50	58
11	0	24	14	60	1	53	44	35	50	61
12	0	24	16	60	1	53	44	35	50	61
13	0	24	22	60	1	53	44	35	50	61
14	0	24	18	60	1	53	44	35	50	61
15	0	27	24	60	1	53	44	35	50	61
16	0	20	29	60	1	53	44	35	50	61
17	0	14	29	60	1	53	44	35	59	61
18	0	20	23	60	1	53	44	35	59	61
19	0	18	20	60	1	53	44	35	59	61
20	0	19	20	60	1	53	44	35	59	61
21	27	18	20	25	1	53	44	0	59	30
22	27	18	21	25	1	53	44	0	59	30
23	27	24	20	25	1	53	44	0	59	30
24	27	23	22	25	1	53	44	0	59	30
25	27	23	65	25	1	53	44	0	59	30
26	27	22	69	25	0	53	44	35	59	30
27	27	22	78	25	0	53	44	35	59	30
28	27	16	65	25	0	53	44	35	59	30
29	27	14	78	25	0	53	44	35	59	30
30	27	16	50	25	0	53	44	35	59	30
31	27	---	43	25	---	53	---	35	59	---
Mean	10	22	30	47	1	53	44	29	55	50
Max.	27	27	78	69	1	53	46	35	59	61
Min.	0	14	11	25	0	53	44	0	50	30
A. F.	589	1289	1843	2916	50	3259	2638	1805	3360	2955

Area reported 5979 acres.  
 Water used 6687 A. F.  
 Per acre 1.12 A. F.

Area reported 5979 acres.  
 Water used 14017 A. F.  
 Per acre 2.34 A. F.

DISCHARGE IN SECOND-FEET OF CASTLE ROCK CANAL

Diverted from North Platte River. Docket 921—Date of Priority April 18, 1880

Date	1916			1918		
	July	Aug.	Sept.	July	Aug.	Sept.
1	61	39	55	*	89	55
2	101	31	49	---	92	49
3	111	28	51	---	69	51
4	121	28	52	---	58	52
5	121	28	51	---	71	51
6	112	29	50	---	95	50
7	141	29	50	---	101	50
8	141	30	33	---	103	33
9	151	29	33	---	106	33
10	131	29	32	---	109	32
11	131	29	31	---	109	31
12	131	29	35	---	102	35
13	126	30	35	---	95	35
14	130	30	*	---	86	*
15	136	29	---	---	75	---
16	141	30	---	---	69	---
17	141	35	---	---	62	---
18	130	57	---	---	62	---
19	141	51	---	---	55	---
20	121	51	---	---	49	---
21	103	41	---	---	42	29
22	101	44	---	---	44	42
23	65	39	---	---	46	49
24	67	35	---	---	45	49
25	101	44	---	---	42	46
26	97	39	---	---	44	45
27	81	44	---	---	48	42
28	73	39	---	---	62	49
29	81	37	---	---	64	51
30	101	36	---	---	66	55
31	81	36	---	---	66	55
Mean	112	36	---	---	52	70
Max.	151	57	---	---	66	109
Min.	61	28	---	---	42	29
A. F.	6882	2192	---	---	1129	4301

Area reported 6117 acres.  
 Water used 4574 A. F.  
 Per acre 0.75.  
 \*No record.

Area reported 5659 acres.  
 Water used 6534 A. F.  
 Per acre 1.15 A. F.

# HYDROGRAPHIC REPORT—1928

1069

## Castle Rock Canal from North Platte River—Continued

Date	1919						1920			
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.
1	*	30	70	91	70	7	*	96	96	61
2	....	30	81	64	75	7	....	90	51	61
3	....	48	58	38	80	6	....	94	65	61
4	....	48	76	38	86	4	....	88	61	55
5	....	48	79	38	80	2	....	82	67	55
6	....	48	79	65	75	2	....	76	74	41
7	....	48	79	65	70	2	....	70	70	70
8	....	65	64	65	64	2	....	62	74	70
9	....	70	64	65	59	2	....	58	54	77
10	....	70	58	65	59	2	....	58	47	70
11	....	70	42	65	53	2	....	58	40	70
12	....	70	42	65	50	*	....	65	32	70
13	....	48	42	65	48	....	....	66	39	96
14	....	48	42	65	45	....	....	67	41	93
15	....	58	85	67	42	....	....	69	41	87
16	....	52	85	67	37	....	....	70	48	77
17	....	52	79	43	34	....	....	47	58	70
18	....	65	79	38	31	....	....	49	55	58
19	....	70	79	88	28	....	....	55	61	55
20	....	64	79	88	26	....	....	55	36	67
21	....	65	79	88	23	....	....	51	41	93
22	....	66	79	88	21	....	....	0	22	100
23	....	73	79	88	19	....	....	0	39	104
24	....	73	79	83	17	....	....	0	48	93
25	....	80	79	74	14	....	....	0	65	96
26	....	77	79	70	13	....	....	0	70	90
27	....	77	96	70	13	....	....	0	74	87
28	....	73	96	65	13	....	....	0	67	80
29	....	80	103	65	9	....	....	0	65	58
30	30	81	104	65	7	....	....	0	84	65
31	30	....	97	65	....	....	....	....	90	51
Mean	30	62	75	67	42	3	....	35	61	76
Max.	30	81	104	91	86	7	....	70	96	104
Min.	30	30	42	38	7	2	....	0	32	51
A. F.	119	3663	4625	4098	2501	73	....	1523	3739	4691

Area reported 6109 acres.  
Water used 15079 A. F.  
Per acre 2.47 A. F.

Area reported 5887 acres.  
Water used 13690 A. F.  
Per acre 2.33 A. F.

Date	1921					
	May	June	July	Aug.	Sept.	Oct.
1	32	12	112	38	60	69
2	32	12	81	38	50	72
3	32	12	78	44	57	62
4	32	12	95	44	57	53
5	32	12	44	44	59	62
6	32	12	44	41	62	69
7	32	12	62	38	62	75
8	32	12	81	44	62	75
9	32	12	81	44	62	72
10	32	12	95	75	62	65
11	32	12	110	66	62	57
12	32	12	103	60	62	*
13	45	12	97	75	62	....
14	45	12	97	75	60	....
15	45	12	62	62	60	....
16	45	12	38	53	60	....
17	45	12	97	95	44	....
18	45	12	100	87	66	....
19	45	12	97	62	81	....
20	45	12	95	32	69	....
21	45	12	95	103	62	....
22	34	12	112	44	62	....
23	34	50	95	18	62	....
24	45	50	91	22	62	....
25	45	50	95	27	57	....
26	45	50	116	20	37	....
27	45	50	112	95	62	....
28	45	50	95	53	66	....
29	45	50	97	57	69	....
30	45	50	97	57	66	....
31	45	....	97	57	....	....
Mean	39	22	89	54	61	68
Max.	45	50	116	103	81	75
Min.	32	12	38	18	37	53
A. F.	2413	1317	5496	3312	3617	1448

\*No record. †Estimated.

Area reported 5879 acres.  
Water used 17603 A. F.  
Per acre 2.99 A. F.

STATE OF NEBRASKA

Castle Rock Canal from North Platte River—Continued

Date	1922						1923			
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.
1	*	38	121	43	87	..	*	60	108	26
2	..	28	170	45	66	30	..	43	106	24
3	..	25	109	41	59	38	..	46	88	24
4	..	21	98	43	51	43	..	53	88	24
5	..	48	101	46	48	*	..	35	86	26
6	..	54	95	46	51	..	..	33	86	36
7	..	51	80	46	51	..	..	43	86	50
8	..	51	80	43	38	..	66	43	82	63
9	..	61	80	49	28	..	18	24	80	46
10	..	75	83	56	28	..	18	46	56	36
11	..	83	83	54	28	..	18	80	50	33
12	..	78	69	48	28	..	18	80	33	30
13	..	66	66	43	0	..	12	80	22	26
14	..	64	62	56	2	..	10	92	46	56
15	..	69	56	59	5	..	9	102	43	62
16	..	54	51	59	3	..	8	106	63	46
17	..	80	38	62	43	..	8	86	50	30
18	..	80	33	64	48	..	18	60	50	40
19	..	101	80	62	54	..	26	53	46	43
20	..	48	97	59	52	..	24	43	36	50
21	..	69	93	59	48	..	36	40	36	53
22	..	69	80	64	51	..	66	50	30	53
23	..	16	106	78	62	..	80	66	33	46
24	..	17	106	98	64	..	60	86	30	36
25	..	15	106	101	62	..	62	102	30	26
26	..	14	106	95	62	..	87	106	24	30
27	..	23	116	90	66	..	74	118	24	22
28	..	19	115	75	72	..	72	112	22	0
29	..	19	115	46	64	..	69	112	24	0
30	..	36	106	41	54	..	..	112	18	..
31	..	36	..	43	78	..	..	..	..	..
Mean	..	22	73	78	56	39	37	71	52	36
Max.	..	36	115	121	78	80	80	118	108	63
Min.	..	14	21	33	41	0	8	24	18	0
A. F.	..	387	4342	4823	3429	2304	1709	4349	3169	2142

Area reported 4973 acres.  
Water used 15565 A. F.  
Per acre 3.13 A. F.

Area reported 5973 acres.  
Water used 11369 A. F.  
Per acre 1.90 A. F.

Date	1924					1925					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	0	36	70	72	66	6	69	40	52	30	26
2	0	40	70	73	66	6	69	30	37	26	29
3	0	41	67	78	66	6	69	28	37	29	26
4	0	41	64	80	69	6	69	69	30	34	22
5	0	41	65	80	69	6	69	73	30	57	18
6	0	41	61	82	69	6	69	80	30	65	26
7	45	39	59	83	67	6	69	85	44	77	24
8	45	45	66	82	65	6	69	77	37	78	*
9	44	44	69	81	59	6	69	57	26	107	..
10	43	43	73	83	63	6	69	73	11	111	..
11	42	42	76	81	66	25	50	61	14	86	..
12	41	41	82	68	69	25	50	40	52	86	..
13	40	40	80	68	72	25	50	40	94	60	..
14	32	32	78	67	69	25	50	45	77	22	..
15	28	28	76	67	69	25	50	77	69	22	..
16	24	34	73	66	66	25	45	60	77	14	..
17	24	33	72	74	66	25	45	48	70	14	..
18	24	31	70	74	66	25	26	40	52	14	..
19	24	31	67	76	66	25	26	44	52	14	..
20	26	32	66	76	67	25	26	40	28	14	..
21	28	32	67	76	65	25	20	40	22	11	..
22	28	32	66	75	62	66	20	65	14	11	..
23	28	32	65	75	60	66	20	74	11	11	..
24	35	32	63	75	60	66	30	90	12	14	..
25	35	32	61	75	60	66	54	65	16	16	..
26	36	32	59	75	60	66	54	48	16	16	..
27	39	32	58	75	60	66	54	44	20	12	..
28	39	57	58	67	60	66	54	69	16	12	..
29	41	59	56	66	60	66	54	52	16	14	..
30	44	63	60	65	60	66	54	52	16	22	..
31	44	..	65	65	..	66	..	60	26	..	..
Mean	..	39	67	74	65	32	51	57	36	37	24
Max.	..	45	63	82	83	66	69	90	94	111	29
Min.	..	0	28	56	65	6	20	28	11	11	18
A. F.	..	1743	2297	4132	4562	3852	1973	3019	3501	2189	339

Area reported 5780 acres.  
Water used 16586 A. F.  
Per acre 2.87 A. F.  
\*No record.

Area reported 5939 acres.  
Water used 13200 A. F.  
Per acre 2.22 A. F.

# HYDROGRAPHIC REPORT—1928

1071

## Castle Rock Canal from North Platte River—Continued

Date	1926					1927				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	43	92	50	51	0	23	75	88	86
2	0	43	122	47	40	0	28	63	88	86
3	0	37	100	47	31	0	37	72	96	86
4	0	37	85	43	54	0	48	75	91	86
5	0	32	70	43	54	0	67	63	88	82
6	0	32	50	43	51	0	67	57	88	72
7	0	26	63	43	56	0	65	54	88	70
8	2	22	56	43	27	0	57	88	91	69
9	2	18	56	43	24	0	52	83	86	69
10	2	15	56	43	24	0	52	78	80	82
11	2	57	56	122	45	0	52	72	82	80
12	2	50	63	122	45	0	50	63	82	82
13	9	45	50	122	45	0	50	63	80	70
14	9	47	43	122	40	0	50	63	80	72
15	9	47	78	122	43	0	50	82	80	72
16	10	43	47	122	34	0	47	88	83	80
17	10	18	56	122	34	0	47	88	80	82
18	10	18	70	122	31	0	52	88	69	82
19	9	15	63	122	31	0	42	88	80	82
20	15	15	56	114	27	0	47	83	86	69
21	28	12	63	92	27	0	52	82	88	69
22	41	12	56	59	31	0	54	83	88	69
23	50	15	56	92	43	0	57	82	88	72
24	56	18	56	96	43	0	52	80	88	75
25	46	18	56	82	31	0	66	83	93	82
26	49	15	56	70	34	0	63	83	96	69
27	49	15	56	78	31	0	69	91	96	52
28	56	26	56	89	23	0	78	98	102	50
29	56	37	56	82	23	0	86	96	96	50
30	16	47	56	74	31	21	82	91	93	44
31	45	56	63	83	37	23	88	88	88	88
Mean	19	29	63	83	37	1	55	79	87	73
Max.	56	57	122	122	56	23	86	98	102	86
Min.	0	12	43	43	23	0	23	54	69	44
A. F.	1156	1735	3877	5085	2190	87	3256	4846	5359	4345

Area reported 5939 acres.

Water used 14043 A. F.

Per acre 2.36 A. F.

Area reported 5939 acres.

Water used 17893 A. F.

Per acre 3.01 A. F.

Date	1928				
	May	June	July	Aug.	Sept.
1	*	63	56	74	70
2	....	63	50	74	88
3	....	63	53	70	77
4	....	63	38	56	88
5	....	63	38	53	70
6	....	56	38	46	70
7	....	56	28	46	56
8	....	63	33	46	50
9	....	70	50	46	70
10	....	63	50	60	63
11	....	63	60	55	60
12	....	70	60	55	77
13	....	74	60	50	56
14	....	77	61	41	60
15	....	63	56	42	55
16	....	56	53	46	74
17	....	56	53	77	78
18	38	50	53	80	70
19	41	50	50	75	53
20	41	56	63	63	50
21	51	60	61	46	89
22	51	63	56	88	77
23	53	53	46	80	78
24	50	28	40	98	77
25	50	24	40	89	74
26	63	28	40	98	78
27	79	35	46	98	77
28	56	38	46	98	77
29	60	41	46	55	77
30	63	63	46	77	74
31	63	....	46	77	....
Mean	24	56	49	66	70
Max.	79	77	63	98	89
Min.	38	24	28	41	50
A. F.	1505	3314	3007	4084	4191

\*No record.

Area reported 5939 acres.

Water used 16101 A. F.

Per acre 2.71 A. F.

## STATE OF NEBRASKA

DISCHARGE IN SECOND-FEET OF CENTRAL CANAL  
Diverted from North Platte River. Docket 926—Date of Priority June 23, 1890

Date	1919					1920		
	May	June	July	Aug.	Sept.	June	July	Aug.
1	*	19	32	16	28	*	18	25
2	....	19	14	17	28	....	13	25
3	....	19	14	15	28	....	21	14
4	....	24	14	17	18	....	3	17
5	....	24	0	14	18	....	6	26
6	....	19	0	15	20	....	3	18
7	....	19	15	15	14	....	5	20
8	....	16	14	17	11	....	10	32
9	....	19	15	18	10	....	22	30
10	....	19	17	17	7	....	20	34
11	....	19	15	13	5	....	27	27
12	....	19	14	20	*	....	25	32
13	....	18	20	17	....	....	16	30
14	....	18	20	17	....	9	37	27
15	....	17	15	13	....	0	26	30
16	....	16	15	14	....	5	30	30
17	....	16	0	0	....	7	10	20
18	....	12	0	0	....	7	10	22
19	....	12	0	17	....	3	22	15
20	....	10	0	17	....	0	14	22
21	....	14	7	20	....	0	25	22
22	....	27	11	8	....	8	22	25
23	....	14	13	9	....	14	27	27
24	....	30	15	9	....	10	27	30
25	....	28	20	10	....	17	7	30
26	....	33	8	5	....	20	27	30
27	....	31	11	5	....	7	25	27
28	....	31	6	4	....	19	30	0
29	....	13	31	13	4	....	18	27
30	....	15	31	9	7	....	17	25
31	....	17	....	16	10	....	22	0
Mean	....	15	21	12	17	....	9	19
Max.	....	17	33	32	20	....	20	37
Min.	....	13	10	0	5	....	0	3
A. F.	....	90	1232	720	754	....	320	1194
Area reported 2300 acres.					Area reported 1752 acres.			
Water used 3167 A. F.					Water used 2876 A. F.			
Per acre 1.38 A. F.					Per acre 1.64 A. F.			

Date	1921				1922				
	June	July	Aug.	Sept.	June	July	Aug.	Sept.	Oct.
1	*	19	24	24	*	18	14	17	19
2	....	19	24	24	....	19	14	16	19
3	....	19	24	24	....	19	14	14	19
4	....	19	24	12	....	20	15	13	19
5	....	19	24	24	....	20	15	11	19
6	....	25	24	25	....	20	15	10	*
7	....	25	24	25	....	21	16	8	....
8	....	25	24	25	....	21	16	7	....
9	....	25	22	25	....	21	16	8	....
10	....	24	22	25	....	22	16	11	....
11	....	24	21	25	....	22	17	13	....
12	....	23	21	25	....	22	17	15	....
13	....	23	21	24	....	23	17	18	....
14	....	23	16	21	....	12	23	17	....
15	....	23	16	21	....	12	24	17	....
16	....	23	18	21	....	13	21	18	....
17	....	23	24	21	....	13	19	18	....
18	....	23	24	10	....	15	18	18	....
19	....	12	24	10	....	14	16	18	....
20	....	19	12	8	....	14	14	18	....
21	....	22	12	9	....	14	12	19	....
22	....	25	22	11	....	15	10	19	....
23	....	24	24	15	....	15	8	19	....
24	....	25	25	12	....	16	10	19	....
25	....	25	24	12	....	16	12	20	....
26	....	24	25	12	....	16	12	20	....
27	....	22	25	12	....	17	12	21	....
28	....	24	25	12	....	17	13	21	....
29	....	25	25	12	....	17	13	21	....
30	....	25	24	12	....	18	13	20	....
31	....	....	25	23	....	....	14	19	....
Mean	....	24	22	18	....	15	17	16	....
Max.	....	25	25	25	....	18	24	21	....
Min.	....	19	12	8	....	12	8	7	....
A. F.	....	516	1364	1330	....	503	1065	1079	....
Area reported 2299 acres.					Area reported 2300 acres.				
Water used 4271 A. F.					Water used 3765 A. F.				
Per acre 1.86 A. F.					Per acre 1.64 A. F.				
*No record.									

# HYDROGRAPHIC REPORT—1928

1073

## Central Canal from North Platte River—Continued

Date	1923					1924			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	0	0	30	15	10	18	18	18
2	....	0	0	30	15	10	18	18	10
3	....	0	0	30	15	10	18	18	18
4	....	0	0	30	15	10	18	18	18
5	....	0	0	30	15	10	33	18	18
6	....	0	0	5	25	11	18	18	18
7	....	0	0	5	25	11	18	18	0
8	....	0	0	5	25	18	18	18	10
9	....	0	0	5	25	18	18	33	10
10	....	0	0	5	25	18	18	18	18
11	....	0	0	5	0	18	36	18	18
12	....	0	0	5	0	18	18	18	0
13	....	0	0	5	0	18	18	10	10
14	....	0	0	5	0	10	18	10	10
15	....	0	0	5	0	18	18	10	10
16	....	0	0	0	0	18	18	33	10
17	....	0	0	0	0	18	18	10	10
18	5	0	0	0	0	18	33	10	10
19	5	0	0	0	0	18	18	10	0
20	5	0	0	0	9	18	18	10	0
21	5	0	30	0	15	18	18	10	0
22	5	0	32	0	15	18	18	10	0
23	5	0	35	0	15	10	18	10	0
24	5	0	33	0	15	18	18	10	0
25	5	0	0	0	15	18	18	10	0
26	5	0	0	8	15	10	10	10	0
27	5	0	40	8	15	10	10	10	0
28	5	0	33	10	15	18	10	10	0
29	5	0	35	10	15	18	10	10	0
30	5	0	23	12	15	18	15	10	0
31	5	....	25	12	....	....	18	18	....
Mean	5	0	9	8	12	15	18	15	7
Max.	5	0	40	30	25	18	36	33	18
Min.	5	0	0	0	0	10	10	10	0
A. F.	138	0	567	516	712	901	1139	897	428

Area reported 2295 acres.  
Water used 1933 A. F.  
Per acre 0.84 A. F.

Area reported 2295 acres.  
Water used 3365 A. F.  
Per acre 1.47 A. F.

Date	1925				
	May	June	July	Aug.	Sept.
1	*	18	18	24	32
2	....	18	24	24	32
3	....	18	24	28	29
4	....	18	24	28	18
5	....	18	11	35	18
6	....	18	13	40	22
7	....	7	13	40	22
8	....	7	16	32	33
9	....	7	18	32	33
10	....	18	18	35	33
11	....	18	18	35	15
12	....	18	18	40	15
13	....	18	20	40	15
14	....	11	20	35	15
15	....	11	28	35	15
16	....	11	20	18	0
17	....	8	28	18	0
18	....	13	20	18	0
19	0	8	20	18	0
20	15	8	22	23	0
21	15	8	22	15	27
22	18	6	21	21	27
23	18	6	22	25	27
24	18	11	22	25	27
25	19	18	18	21	27
26	11	18	28	34	11
27	12	18	28	11	11
28	13	18	22	11	11
29	15	7	22	11	11
30	15	24	24	11	11
31	13	....	22	11	....
Mean	14	14	21	26	18
Max.	19	24	28	40	33
Min.	0	6	11	11	0
A. F.	361	803	1277	1575	1065

Area reported 2295 acres.  
Water used 5081 A. F.  
Per acre 2.21 A. F.  
\*No record.

Date	1926				
	May	June	July	Aug.	Sept.
1	0	26	36	32	19
2	0	35	36	32	19
3	0	42	34	32	19
4	0	28	32	32	32
5	0	28	19	32	32
6	0	28	32	32	32
7	0	28	32	32	32
8	0	28	23	32	32
9	0	26	30	32	32
10	0	42	32	32	32
11	0	42	32	32	32
12	0	32	32	32	32
13	0	42	32	32	32
14	0	42	32	32	32
15	0	42	32	32	28
16	0	28	32	32	27
17	0	24	32	32	25
18	0	21	30	32	25
19	0	30	30	32	25
20	0	28	30	32	25
21	0	18	32	32	15
22	0	19	32	32	15
23	0	42	34	32	15
24	0	35	32	32	15
25	0	32	32	32	15
26	19	28	32	24	15
27	19	28	32	24	15
28	19	28	32	24	15
29	19	28	33	25	15
30	26	28	32	19	15
31	28	....	32	19	....
Mean	4	31	31	30	24
Max.	28	42	36	32	32
Min.	0	18	19	19	15
A. F.	258	1840	1934	1854	1416

Area reported 2231 acres.  
Water used 7302 A. F.  
Per acre 3.27 A. F.



STATE OF NEBRASKA

Central Canal from North Platte River—Continued

Date	1927				1928					
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	0	0	32	18	0	30	12	31	36	30
2	0	0	32	18	0	0	23	23	31	30
3	0	30	32	27	0	28	34	23	35	30
4	0	30	32	24	0	28	34	22	34	30
5	0	30	29	29	0	28	34	34	34	30
6	0	21	0	29	0	28	34	21	9	30
7	0	18	15	30	0	27	34	23	20	0
8	0	18	15	30	0	25	34	21	29	0
9	0	22	15	30	0	27	34	27	36	28
10	0	27	15	29	0	23	30	34	33	28
11	0	27	15	29	0	23	30	34	33	28
12	0	24	15	29	0	23	30	30	33	23
13	0	30	18	27	0	22	34	23	33	21
14	0	30	18	29	0	15	34	23	33	*
15	0	30	15	27	0	18	34	34	33	....
16	25	30	15	21	0	18	34	23	33	....
17	25	30	19	22	0	13	34	34	33	....
18	25	30	21	21	0	23	34	34	30	....
19	25	29	21	24	0	23	0	31	27	....
20	25	0	21	22	0	18	0	31	31	....
21	27	30	21	21	0	18	0	34	28	....
22	27	32	21	21	0	22	34	34	30	....
23	27	32	19	24	25	20	34	34	27	....
24	30	30	21	24	25	19	33	34	30	....
25	30	32	21	16	25	21	31	36	30	....
26	30	32	21	22	25	21	31	36	27	....
27	30	32	21	21	28	0	31	36	27	....
28	30	32	21	18	28	0	0	34	30	....
29	30	32	24	18	30	12	0	33	30	....
30	30	32	21	18	23	12	0	30	30	....
31	....	....	....	....	30	....	0	25	....	....
Mean	14	26	20	24	8	20	25	30	30	24
Max.	30	32	32	30	30	30	34	36	36	30
Min.	0	0	0	16	0	0	0	21	9	0
A. F.	825	1594	1245	1424	474	1158	1509	1829	1795	611

Area reported 2261 acres.

Area reported 2300 acres.

Water used 5088 A. F.

Water used 7376 A. F.

Per acre 2.25 A. F.

Per acre 3.21 A. F.

DISCHARGE IN SECOND-FEET OF CHAMPION CANAL

Diverted from Frenchman River. Docket 47—Date of Priority December 23, 1890

Date	1923						
	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	15	0	12	14	8	11
2	....	15	0	12	14	8	11
3	....	15	0	12	14	8	11
4	....	15	0	12	14	8	11
5	....	15	0	12	14	8	11
6	....	15	0	12	14	8	11
7	....	15	0	12	14	8	11
8	....	15	0	12	14	8	11
9	....	15	0	12	14	8	11
10	....	15	0	12	14	8	11
11	....	15	0	12	14	8	11
12	....	15	0	12	14	8	11
13	....	15	0	12	14	8	11
14	....	15	0	12	14	8	11
15	....	15	0	12	14	8	11
16	....	15	0	12	14	8	11
17	15	15	0	12	14	8	11
18	15	15	0	12	14	8	11
19	15	15	0	12	14	8	11
20	15	15	0	12	14	8	11
21	15	15	0	12	14	8	11
22	15	15	0	12	14	8	11
23	15	15	0	12	14	8	11
24	15	15	0	12	14	8	11
25	15	15	0	12	14	8	11
26	15	15	0	12	14	8	11
27	15	15	0	12	14	8	11
28	15	15	0	12	14	8	11
29	15	15	0	12	14	8	11
30	15	15	0	12	14	8	11
31	....	15	....	12	14	....	11
Mean	15	15	0	12	14	8	11
Max.	15	15	0	12	14	8	11
Min.	15	15	0	12	14	8	11
A. F.	416	922	0	738	861	492	676

Area reported 1600 acres.

Water used 4105 A. F.

Per acre 2.57 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

1075

**DISCHARGE IN SECOND-FEET OF CHAMPION CANAL**  
 Diverted from Frenchman River. Docket 47—Date of Priority December 23, 1890  
 Application 1108—Date of Priority June 22, 1911

Date	1925									
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
2	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
3	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
4	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
5	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
6	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
7	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
8	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
9	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
10	10.8	24.7	20.0	1.7	1.6	5.7	0	21.9	14.8	15
11	10.8	24.7	6.6	1.7	1.6	10.7	0	21.9	14.8	15
12	10.8	24.7	6.6	1.7	1.6	10.7	0	21.9	14.8	15
13	10.8	24.7	6.6	1.7	10.0	10.7	0	21.9	14.8	15
14	10.8	24.7	6.6	1.7	10.0	10.7	0	21.9	14.8	15
15	10.8	24.7	6.6	1.7	10.0	10.7	0	21.9	14.8	15
16	10.8	24.7	6.6	1.7	10.0	10.7	0	21.9	14.8	15
17	10.8	24.7	6.6	1.7	10.0	10.7	0	21.9	14.8	15
18	10.8	24.7	6.6	1.7	10.0	10.7	0	21.9	14.8	15
19	10.8	24.7	6.6	1.7	10.0	10.7	0	21.9	14.8	15
20	10.8	24.7	6.6	1.7	10.0	10.7	0	21.9	14.8	15
21	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
22	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
23	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
24	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
25	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
26	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
27	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
28	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
29	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
30	10.8	24.7	6.6	8.8	8.0	10.7	10	21.9	14.8	15
31	10.8	.....	6.6	.....	8.0	10.7	.....	21.9	.....	15
Mean	10.8	24.7	10.9	4.1	6.0	9.1	3	21.9	14.8	15
Max.	10.8	24.7	20.0	8.8	10.0	10.7	10	21.9	14.8	15
Min.	10.8	24.7	6.6	1.7	1.6	5.7	0	21.9	14.8	15
A. F.	664	1470	671	242	371	559	198	1346	881	922

Area reported 860 acres.  
 Water used 3491 A. F.  
 Per acre 4.06 A. F.  
 Storage 3833 A. F.

Date	1927										
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3	0	14	9	0	6	13	11	11	18	11
2	3	0	14	9	0	6	13	11	11	18	11
3	3	0	14	9	0	6	13	11	11	18	11
4	3	0	14	9	0	6	13	11	11	18	11
5	3	0	14	9	0	6	13	11	11	18	11
6	3	0	14	9	0	6	13	11	11	18	11
7	3	6	14	9	0	6	13	11	11	18	11
8	3	0	14	9	0	6	13	11	11	18	11
9	3	0	14	9	0	6	13	11	11	18	11
10	3	0	14	9	0	6	13	11	11	18	11
11	3	0	14	9	0	0	9	11	11	13	11
12	3	0	14	9	0	0	9	11	11	13	11
13	3	0	14	9	0	0	9	11	11	13	11
14	3	0	14	9	0	0	9	11	11	13	11
15	3	0	14	9	0	0	9	11	11	13	11
16	3	0	14	9	0	0	9	11	11	13	11
17	3	0	14	9	0	0	9	11	11	13	11
18	3	0	14	9	0	0	9	11	11	13	11
19	3	0	14	9	0	0	9	11	11	13	11
20	3	0	14	9	0	0	9	11	11	13	11
21	3	0	5	10	0	5	9	16	11	13	11
22	3	0	5	10	0	5	9	16	11	13	11
23	3	0	5	10	0	5	9	16	11	13	11
24	3	0	5	10	0	5	9	16	11	13	11
25	3	0	5	10	0	5	9	16	11	13	11
26	3	0	5	10	0	5	9	16	11	13	11
27	3	0	5	10	0	5	9	16	11	13	11
28	3	0	5	10	0	5	9	16	11	13	11
29	.....	0	5	10	0	5	9	16	11	13	14
30	.....	0	5	10	0	5	9	16	11	13	14
31	.....	0	.....	10	.....	5	9	.....	11	.....	11
Mean	3	0	11	9	0	4	10	13	11	15	11
Max.	3	0	14	10	0	6	13	16	11	18	11
Min.	3	0	5	9	0	0	9	11	11	13	11
A. F.	166	0	654	575	0	228	632	753	676	872	676

Note:—Water is diverted for direct irrigation and storage, no record to show exact amount for irrigation.

STATE OF NEBRASKA

Champion Canal from Frenchman River—Continued

Date	1928				
	May	June	July	Aug.	Sept.
1	1.4	0.0	3.8	1.2	10.0
2	1.4	.0	3.8	1.2	10.0
3	1.4	.0	3.8	1.2	10.0
4	1.4	.0	3.8	1.2	10.0
5	1.4	.0	3.8	1.2	10.0
6	1.4	.0	3.8	1.2	10.0
7	1.4	.0	3.8	1.2	10.0
8	1.4	.0	3.8	1.2	10.0
9	1.4	.0	3.8	1.2	10.0
10	1.4	.0	3.8	1.2	10.0
11	1.4	.0	3.8	15.6	6.0
12	1.4	.0	3.8	15.6	6.0
13	1.4	.0	3.8	15.6	6.0
14	1.4	.0	3.8	15.6	6.0
15	1.4	.0	3.8	15.6	6.0
16	1.4	.0	3.8	15.6	6.0
17	1.4	.0	3.8	15.6	6.0
18	1.4	.0	3.8	15.6	6.0
19	1.4	.0	3.8	15.6	6.0
20	1.4	.0	3.8	15.6	6.0
21	1.4	.0	1.2	15.6	7.2
22	1.4	.0	1.2	15.6	7.2
23	1.4	.0	1.2	15.6	7.2
24	1.4	.0	1.2	15.6	7.2
25	1.4	.0	1.2	15.6	7.2
26	1.4	.0	1.2	15.6	7.2
27	1.4	.0	1.2	15.6	7.2
28	1.4	.0	1.2	15.6	7.2
29	1.4	.0	1.2	15.6	7.2
30	1.4	.0	1.2	15.6	7.2
31	1.4	----	1.2	15.6	----
Mean	1.4	0.0	2.9	11.0	7.7
Max.	1.4	.0	3.8	15.6	10.0
Min.	1.4	.0	1.2	1.2	6.0
A. F.	85	.0	176	673	460

Area reported 1150 acres.  
 Water used 1394 A. F.  
 Per acre 1.21 A. F.

DISCHARGE IN SECOND-FEET OF CHIMNEY ROCK CANAL

Diverted from North Platte River. Dockets 844, 1031—Date of Priority December 3, 1890

Date	1917					1918			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	17	*	54	67	54	*	49	53	27
2	17	....	54	67	54	....	49	53	23
3	*	....	54	80	54	....	53	58	27
4	17	....	54	80	54	....	49	63	27
5	17	....	54	48	54	....	49	73	23
6	17	....	54	48	48	12	53	73	19
7	17	....	54	48	48	14	58	68	30
8	17	....	54	48	48	16	58	73	19
9	17	....	54	48	54	19	53	63	27
10	17	....	48	48	44	23	49	53	23
11	17	....	60	48	36	23	53	44	19
12	*	....	60	48	36	21	58	39	27
13	....	....	74	40	30	19	58	35	35
14	....	....	74	26	28	21	53	30	27
15	....	....	60	40	23	21	58	35	35
16	17	....	60	40	23	23	49	30	40
17	17	....	67	44	23	27	53	27	35
18	17	36	67	40	23	58	53	35	27
19	*	36	67	48	17	63	49	35	35
20	....	36	67	48	17	53	45	27	19
21	....	36	80	48	17	63	53	23	40
22	....	36	73	48	17	53	58	19	*
23	....	36	67	48	17	58	63	19	....
24	....	36	80	48	17	63	58	15	....
25	....	36	54	48	17	58	53	15	....
26	....	36	74	36	17	53	44	19	....
27	....	54	67	48	17	53	42	15	....
28	....	54	74	36	17	53	40	35	....
29	....	54	54	48	17	49	35	35	....
30	....	54	67	48	*	49	35	40	....
31	....	....	67	54	....	....	35	40	....
Mean	17	42	63	49	31	39	50	40	28
Max.	17	54	80	80	54	63	63	73	40
Min.	17	36	48	26	17	12	35	15	19
A. F.	438	1071	3862	3003	1827	1914	3104	2464	1158

Area reported 5558 acres.  
 Water used 10201 A. F.  
 Per acre 1.84 A. F.  
 \*No record.

Area reported 5562 acres.  
 Water used 8640 A. F.  
 Per acre 1.55 A. F.

# HYDROGRAPHIC REPORT—1928

1077

## Chimney Rock Canal from North Platte River—Continued

Date	1919					1920		
	May	June	July	Aug.	Sept.	July	Aug.	Sept.
1	*	47	58	81	33	*	73	25
2	....	47	58	0	47	....	68	25
3	....	47	37	0	43	....	73	25
4	....	47	42	0	42	....	65	25
5	....	47	53	0	47	....	59	*
6	....	47	53	65	37	....	59	....
7	....	53	47	53	37	....	54	....
8	....	53	42	70	37	....	54	....
9	....	53	47	0	37	....	59	....
10	....	53	47	0	37	....	63	....
11	....	53	47	58	33	....	63	....
12	....	64	47	53	33	....	63	....
13	....	64	47	58	33	....	49	....
14	....	53	29	58	25	....	44	....
15	....	53	18	53	21	....	59	....
16	....	47	37	53	22	....	68	....
17	....	70	64	39	22	....	73	....
18	....	81	53	39	*	....	73	....
19	....	81	58	39	....	87	73	....
20	....	98	42	39	....	82	77	....
21	....	93	42	39	....	73	73	....
22	....	115	42	39	....	63	68	....
23	....	47	27	39	....	60	73	....
24	....	51	25	27	....	60	77	....
25	....	58	33	37	....	60	77	....
26	....	81	74	37	....	60	68	....
27	29	58	70	37	....	60	68	....
28	33	58	47	37	....	60	77	....
29	33	58	37	37	....	60	54	....
30	29	53	37	54	....	60	40	....
31	29	....	47	53	....	60	35	....
Mean	31	62	45	39	34	65	64	25
Max.	33	115	74	81	47	87	77	25
Min.	29	47	18	0	21	60	35	25
A. F.	301	3689	2789	2368	1163	1676	3921	198

Area reported 5361 acres.  
Water used 10310 A. F.  
Per acre 1.92 A. F.

Area reported 5250 acres.  
Water used 5795 A. F.  
Per acre 1.10 A. F.

Date	1921					1922			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	70	0	59	26	*	79	55	60
2	....	0	0	8	38	....	77	57	55
3	....	0	55	38	38	....	76	58	50
4	....	0	40	51	38	....	75	60	45
5	....	0	59	55	38	....	73	61	40
6	....	0	65	51	49	....	72	63	35
7	....	0	65	40	64	....	70	64	30
8	....	0	65	40	62	28	70	65	39
9	21	0	65	55	*	29	67	67	*
10	19	0	65	67	38	35	66	68	....
11	38	0	65	64	36	40	64	70	....
12	47	0	65	49	38	45	63	71	....
13	59	0	65	55	36	50	61	72	....
14	57	0	65	62	38	55	60	74	....
15	55	0	65	28	42	60	59	75	....
16	55	0	65	48	34	65	57	76	....
17	51	0	66	64	38	70	55	77	....
18	51	0	67	67	34	75	59	79	....
19	51	0	67	66	34	83	65	80	....
20	47	0	66	51	34	83	70	81	....
21	47	0	64	51	34	94	75	82	....
22	53	0	64	51	34	92	80	84	....
23	55	0	64	47	34	91	87	85	....
24	54	0	59	53	34	89	82	86	....
25	45	0	59	64	*	88	70	87	....
26	47	0	59	47	....	86	60	88	....
27	47	0	59	40	....	85	49	85	....
28	47	0	59	40	....	83	50	80	....
29	0	0	59	30	....	82	52	75	....
30	0	0	67	32	....	80	53	70	....
31	0	....	67	26	....	....	54	65	....
Mean	41	0	59	48	39	69	66	73	44
Max.	59	0	67	64	64	94	87	88	60
Min.	0	0	0	8	26	28	49	55	30
A. F.	1876	70	3600	2973	1767	3149	4064	4483	702

Area reported 5567 acres.  
Water used 10216 A. F.  
Per acre 1.84 A. F.

Area reported 5837 acres.  
Water used 12398 A. F.  
Per acre 2.12 A. F.

\*No record.

†River too high to divert water to canal.

Chimney Rock Canal from North Platte River—Continued

Date	1923			1924			
	July	Aug.	Sept.	June	July	Aug.	Sept.
1	30	50	20	25	59	63	43
2	30	50	20	25	59	63	43
3	30	50	20	25	59	63	43
4	30	50	20	25	59	63	43
5	30	50	20	25	59	63	43
6	30	50	20	25	60	63	43
7	30	50	20	35	60	63	43
8	30	50	20	35	60	63	43
9	30	50	20	35	60	63	43
10	30	50	20	35	60	63	43
11	50	10	21	35	62	57	42
12	50	10	21	35	62	57	42
13	50	10	21	35	62	57	42
14	50	10	21	35	62	57	42
15	50	10	21	35	62	57	42
16	50	0	21	43	63	57	42
17	50	0	21	43	63	57	42
18	50	0	21	43	63	57	42
19	50	0	21	43	63	57	42
20	50	0	21	43	63	57	42
21	63	19	21	50	64	47	0
22	63	19	21	50	64	47	*
23	63	19	21	50	64	47	....
24	63	19	21	50	64	47	....
25	63	19	21	50	64	47	....
26	63	19	21	55	64	47	....
27	63	19	21	55	64	47	....
28	63	19	21	55	64	47	....
29	63	19	21	55	64	47	....
30	63	19	21	55	64	47	....
31	63	19	---	---	64	47	....
Mean	48	24	21	40	62	55	40
Max.	63	50	21	55	64	63	43
Min.	30	0	20	25	59	47	0
A. F.	2961	1505	1230	2390	3816	3406	1686

Area reported 5536 acres.  
 Water used 5696 A. F.  
 Per acre 1.03 A. F.

Area reported 5536 acres.  
 Water used 11298 A. F.  
 Per acre 2.04 A. F.

Date	1925					1926			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	37	68	39	20	22	71	48	45
2	....	37	68	39	25	22	71	57	45
3	....	37	68	39	37	22	71	59	50
4	....	37	68	39	49	22	71	62	43
5	....	37	68	39	75	22	71	67	40
6	....	37	68	39	80	22	71	81	34
7	....	37	68	39	71	22	71	81	34
8	....	37	68	39	0	22	71	82	26
9	....	37	68	39	0	22	48	71	18
10	....	37	68	39	0	22	48	74	18
11	....	37	68	20	0	22	48	69	28
12	....	37	68	20	0	22	48	69	28
13	....	37	68	20	0	22	48	64	30
14	....	37	68	20	0	22	48	62	30
15	....	37	68	20	0	22	48	57	0
16	....	37	68	20	0	22	57	59	0
17	....	37	68	28	0	22	57	62	0
18	....	37	68	0	0	22	57	59	0
19	....	37	68	0	0	22	57	55	0
20	0	37	68	0	0	22	57	55	0
21	32	55	68	0	0	22	57	57	0
22	32	55	68	0	0	22	55	50	0
23	32	55	68	0	0	22	57	55	0
24	32	55	68	12	0	22	52	62	0
25	32	55	68	12	0	22	45	50	0
26	32	55	68	16	0	22	57	48	0
27	32	55	68	14	0	22	57	50	0
28	32	55	68	14	0	22	60	55	0
29	32	55	68	14	0	22	60	48	0
30	32	55	68	15	0	22	52	45	0
31	32	....	68	17	....	....	55	43	....
Mean	29	43	68	21	12	22	58	59	16
Max.	32	55	68	39	80	22	71	81	50
Min.	0	37	68	0	0	22	45	43	0
A. F.	698	2559	4181	1293	708	1309	3561	3642	930

Area reported 5631 acres.  
 Water used 9439 A. F.  
 Per acre 1.68 A. F.  
 \*No record.

Area reported 5381 acres.  
 Water used 9442 A. F.  
 Per acre 1.75 A. F.

Chimney Rock Canal from North Platte River—Continued

Date	1927					1928			
	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.
1	0	28	48	50	24	0	13	24	57
2	0	28	44	55	24	0	6	24	48
3	0	28	42	48	24	0	10	24	43
4	0	33	42	50	24	0	11	26	45
5	0	35	48	46	24	0	5	26	40
6	0	28	37	42	24	0	5	38	33
7	0	46	35	46	24	0	9	38	36
8	0	48	28	50	24	0	11	45	24
9	0	48	20	42	24	0	17	48	22
10	0	46	20	37	24	0	17	45	20
11	0	50	24	37	10	0	20	43	17
12	0	57	24	37	10	0	17	67	11
13	0	52	22	28	10	0	14	62	9
14	0	55	24	26	10	0	14	67	8
15	0	0	24	26	10	0	16	67	3
16	0	26	26	28	0	0	33	65	20
17	0	28	26	28	0	0	36	65	33
18	0	31	24	31	0	0	40	65	19
19	0	37	17	28	0	0	43	67	17
20	0	50	33	26	0	0	57	67	17
21	0	55	37	33	0	0	33	62	28
22	0	59	33	31	0	0	31	62	43
23	0	59	33	31	0	0	26	62	31
24	0	65	52	28	0	0	26	60	38
25	0	65	55	35	0	0	22	52	38
26	0	63	52	28	0	0	22	33	57
27	0	63	52	28	0	0	22	55	43
28	0	59	50	20	0	0	24	52	28
29	14	57	50	26	0	28	24	60	24
30	24	52	52	24	0	28	22	60	20
31	...	50	50	...	0	...	26	52	...
Mean	1	45	36	35	9	2	22	51	29
Max.	24	65	55	55	24	28	57	67	57
Min.	0	0	17	20	0	0	5	24	3
A. F.	75	2779	2229	2072	575	111	1333	3139	1730

Area reported 5683 acres.

Water used 7730 A. F.

Per acre 1.36 A. F.

Area reported 5751 acres.

Water used 6313 A. F.

Per acre 1.10 A. F.

DISCHARGE IN SECOND-FEET OF CODY-DILLON CANAL

Diverted from North Platte River. Docket 649—Date of Priority December 29, 1893

Date	1919				1921			
	June	July	Aug.	Sept.	May	June	July	Aug.
1	...	...	*	30	*	15	15	59
2	...	...	...	30	...	15	15	62
3	...	...	...	30	...	15	15	66
4	...	...	...	30	...	15	15	65
5	...	...	...	30	...	15	15	64
6	...	...	...	30	...	15	15	64
7	...	...	...	30	...	15	15	63
8	...	...	...	30	14	15	15	63
9	...	...	...	30	14	15	15	62
10	...	...	...	18	14	15	15	61
11	...	...	...	18	14	15	16	61
12	...	...	...	18	14	15	17	60
13	...	...	...	18	14	15	18	59
14	...	...	...	18	14	15	19	59
15	...	...	...	18	14	15	20	58
16	...	...	...	12	14	14	23	58
17	...	...	...	18	14	14	25	57
18	...	...	...	18	14	14	27	57
19	...	...	...	18	14	14	29	*
20	...	...	...	18	14	14	31	...
21	...	...	...	18	15	14	33	...
22	...	...	...	18	15	14	35	...
23	...	...	...	18	15	14	37	...
24	...	...	...	18	15	14	39	...
25	...	...	30	18	15	14	41	...
26	...	...	30	18	15	14	43	...
27	...	...	30	18	15	14	45	...
28	...	...	30	18	15	14	47	...
29	...	...	30	18	15	14	49	...
30	...	...	30	18	15	14	52	...
31	...	...	30	...	15	...	56	...
Mean	...	...	30	21	14	15	27	61
Max.	...	...	30	30	15	15	56	66
Min.	...	...	30	12	14	14	15	57
A. F.	†300	†500	416	1273	688	863	1690	2178

Area reported 1509 acres.

Water used 1689 A. F.

Per acre 1.12 A. F.

\*No record. †Estimated.

Area reported 2253 acres

Water used 5419 A. F.

Per acre 2.41 A. F.

STATE OF NEBRASKA

Cody-Dillon Canal from North Platte River—Continued

Date	1922				1923			
	June	July	Aug.	Sept.	July	Aug.	Sept.	Oct.
1	*	26	23	43	0	27	7	38
2	....	25	23	44	0	27	7	38
3	....	24	23	45	0	27	7	38
4	....	24	23	47	0	27	7	38
5	....	23	23	48	0	27	7	38
6	....	22	23	48	0	27	7	*
7	....	21	23	48	0	27	7	....
8	....	21	23	48	0	27	7	....
9	....	20	23	48	0	27	7	....
10	....	19	23	48	0	27	7	....
11	....	19	24	47	10	15	7	....
12	....	19	24	47	10	15	7	....
13	....	19	24	47	10	15	7	....
14	....	19	24	47	10	15	7	....
15	....	19	24	47	10	15	7	....
16	....	20	25	45	10	15	7	....
17	....	20	25	41	10	15	7	....
18	....	20	25	37	10	15	7	....
19	24	20	26	34	10	15	7	....
20	34	20	27	30	10	15	7	....
21	33	21	28	27	27	7	8	....
22	32	21	30	25	27	7	8	....
23	32	21	31	22	27	7	8	....
24	31	21	32	18	27	7	8	....
25	30	21	33	15	27	7	8	....
26	30	22	35	11	27	7	8	....
27	29	22	36	8	27	7	8	....
28	29	22	37	5	27	7	8	....
29	27	22	39	3	27	7	8	....
30	26	22	40	0	27	7	8	....
31	....	22	41	....	27	7	....	....
Mean	30	21	28	34	13	16	7	38
Max.	34	26	41	48	27	27	8	38
Min.	24	19	23	0	0	7	7	38
A. F.	708	1303	1705	2029	787	985	436	376

Area reported 2551 acres. Area reported 2552 acres.  
 Water used 5745 A. F. Water used 2584 A. F.  
 Per acre 2.25 A. F. Per acre 1.01 A. F.

Date	1924				1925				
	May	June	July	Aug.	May	June	July	Aug.	Sept.
1	0	7	4	16	23	4	2	25	16
2	0	7	4	16	23	4	2	25	16
3	0	7	4	16	23	4	2	25	16
4	0	7	4	16	23	4	2	25	16
5	0	7	4	16	23	4	2	25	16
6	0	7	4	16	23	4	2	25	16
7	0	7	4	16	23	4	2	25	16
8	0	7	4	16	23	4	2	25	16
9	0	7	4	16	23	4	2	25	16
10	0	7	4	16	23	4	2	25	16
11	0	3	7	10	29	4	2	8	4
12	0	3	7	10	29	4	2	8	4
13	0	3	7	10	29	4	2	8	4
14	0	3	7	10	29	4	2	8	4
15	0	3	7	10	29	4	2	8	4
16	0	2	7	5	29	4	26	8	4
17	0	2	7	5	29	4	26	8	4
18	0	2	7	5	29	4	26	8	4
19	0	2	7	5	29	4	26	8	4
20	0	2	7	5	29	4	26	8	4
21	10	3	15	0	29	0	26	8	4
22	10	3	15	0	29	0	26	8	4
23	10	3	15	0	29	0	26	8	4
24	10	3	15	0	29	0	26	8	4
25	10	3	15	0	29	0	32	8	4
26	10	3	15	0	29	0	32	0	4
27	10	3	15	0	29	0	32	0	4
28	10	3	15	0	29	0	32	0	4
29	10	3	15	0	29	0	32	0	4
30	10	3	15	0	29	0	32	0	4
31	10	....	15	0	29	....	32	0	....
Mean	4	4	9	8	27	3	16	12	8
Max.	10	7	15	16	29	4	32	25	16
Min.	0	2	4	0	23	0	2	0	4
A. F.	218	248	545	466	1664	159	968	734	476

Area reported 2415 acres. Area reported 2454 acres.  
 Water used 1477 A. F. Water used 4001 A. F.  
 Per acre 0.61 A. F. Per acre 1.63 A. F.  
 \*No record.

# HYDROGRAPHIC REPORT—1928

1081

## Cody-Dillon Canal from North Platte River—Continued

Date	1926					1927				
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.	Oct.
1	8	17	18	21	16	17	20	34	20	5
2	8	17	18	21	16	17	20	34	20	5
3	8	17	18	21	16	17	20	34	20	5
4	8	17	18	21	16	17	20	34	20	5
5	8	17	18	21	16	17	20	34	20	5
6	8	17	18	21	16	17	20	34	20	5
7	8	17	18	21	16	17	20	34	20	5
8	8	17	18	21	16	17	20	34	20	5
9	8	17	18	21	16	17	20	34	20	5
10	8	17	18	21	16	17	20	34	20	5
11	8	16	18	21	16	17	22	25	20	5
12	8	16	18	21	16	17	22	25	20	5
13	8	16	18	21	16	17	22	25	20	5
14	8	16	18	21	16	17	22	25	20	5
15	8	16	18	21	16	17	22	25	20	5
16	8	16	18	11	16	17	22	15	20	20
17	8	16	18	11	16	17	22	15	20	20
18	8	16	18	11	16	17	22	15	20	20
19	8	16	18	11	16	17	22	15	20	20
20	8	16	18	11	16	17	22	15	20	20
21	8	16	18	11	16	17	22	9	20	20
22	8	16	18	11	16	17	29	9	20	20
23	8	16	18	11	16	17	29	9	20	20
24	8	16	18	11	16	17	29	9	20	20
25	8	16	18	11	16	17	29	9	20	20
26	8	16	18	11	16	17	26	9	20	20
27	8	16	18	11	16	17	26	9	20	20
28	8	16	18	11	16	17	26	9	20	20
29	8	16	18	11	16	17	26	9	20	20
30	8	16	18	11	16	17	26	9	20	20
31	8	.....	18	11	.....	.....	26	9	.....	20
Mean	8	16	18	16	16	17	23	21	20	13
Max.	8	17	18	21	16	17	29	34	20	20
Min.	8	16	18	11	16	17	20	9	20	5
A. F.	492	976	1110	974	952	1012	1430	1267	1190	783

Area reported 2548 acres.  
 Water used 4504 A. F.  
 Per acre 1.77 A. F.

Area reported 2528 acres.  
 Water used 5682 A. F.  
 Per acre 2.25 A. F.

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	15	6	25	5	13	5
2	15	6	25	5	13	5
3	15	6	25	5	13	5
4	15	6	25	5	13	5
5	15	6	25	5	13	5
6	15	6	25	5	13	5
7	15	6	25	5	13	5
8	15	6	25	5	13	5
9	15	6	25	5	13	5
10	15	6	25	5	13	5
11	15	6	25	5	13	5
12	15	6	25	5	13	5
13	15	6	25	5	13	5
14	15	6	25	5	13	5
15	15	6	25	5	13	5
16	24	6	25	5	17	5
17	24	6	25	5	17	5
18	24	6	25	5	17	5
19	24	6	25	5	17	5
20	24	6	25	5	17	5
21	24	6	25	0	17	5
22	24	6	25	0	17	5
23	24	6	25	0	17	5
24	24	6	25	0	17	5
25	24	6	25	0	17	5
26	24	0	0	0	17	5
27	24	0	0	0	17	5
28	24	0	0	0	17	5
29	24	0	0	0	17	5
30	24	0	0	0	17	5
31	24	.....	0	0	.....	5
Mean	20	5	20	3	15	5
Max.	24	6	25	5	17	5
Min.	15	0	0	0	13	5
A. F.	1208	297	1240	198	892	307

Area reported 2519 acres.  
 Water used 4142 A. F.  
 Per acre 1.64 A. F.



DISCHARGE IN SECOND-FEET OF COLD WATER CANAL.  
Diverted from Cold Water Creek into the Lisgo Canal. Docket 796—  
Date of Priority September 28, 1894

Date	1925					1926					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	*	5.2	4.3	5.4	3.3	3	4	2	5	3	
2	....	5.2	4.3	5.4	3.3	3	4	2	5	3	
3	....	5.2	4.3	5.4	3.3	3	4	2	5	3	
4	....	5.2	4.3	5.4	3.3	3	4	2	5	3	
5	....	5.2	4.3	5.4	3.3	3	4	2	5	3	
6	....	5.2	4.3	5.4	3.3	3	4	2	5	3	
7	....	5.2	4.3	5.4	3.3	3	4	2	5	3	
8	....	5.2	4.3	5.4	3.3	3	4	2	5	3	
9	....	5.2	4.3	5.4	3.3	3	4	2	5	3	
10	....	5.2	4.3	5.4	3.3	3	4	2	5	3	
11	....	4.4	2.9	5.4	3.3	3	4	2	5	3	
12	....	4.4	2.9	5.4	3.3	3	4	2	5	3	
13	....	4.4	2.9	5.4	3.3	3	4	2	5	3	
14	....	4.4	2.9	5.4	3.3	3	4	2	5	3	
15	....	4.4	2.9	5.4	3.3	3	4	2	5	3	
16	....	4.4	2.9	5.4	3.3	3	4	2	5	3	
17	3.6	4.4	2.9	5.4	3.3	3	4	2	5	3	
18	3.6	4.4	2.9	5.4	3.3	3	4	2	5	3	
19	3.6	4.4	2.9	5.4	3.3	3	4	2	0	3	
20	3.6	4.4	2.9	5.4	3.3	3	4	2	0	3	
21	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
22	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
23	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
24	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
25	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
26	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
27	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
28	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
29	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
30	3.6	3.9	4.8	5.2	3.3	3	2	2	4	3	
31	3.6	....	4.8	5.2	....	3	....	2	4	....	
Mean	3.6	4.5	4.0	5.3	3.3	3	5	....	4	....	
Max.	3.6	5.2	4.8	5.4	3.3	3	4	2	5	3	
Min.	3.6	3.9	2.9	5.2	3.3	3	2	2	0	3	
A. F.	114	268	248	328	196	184	198	125	255	178	216
Area reported 300 acres.						Area reported 300 acres.					
Water used 1154 A. F.						Water used 1154 A. F.					
Per acre 3.85 A. F.						Per acre 3.85 A. F.					

Date	1927					1928					
	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.	
1	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
2	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
3	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
4	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
5	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
6	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
7	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
8	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
9	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
10	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
11	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
12	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
13	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
14	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
15	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
16	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
17	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
18	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
19	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
20	3.1	2.8	2.7	3.1	3.7	4	5	0	0	5	
21	3.1	2.8	3.1	3.1	3.7	4	5	0	0	5	
22	3.1	2.8	3.1	3.1	3.7	4	5	0	0	5	
23	3.1	2.8	3.1	3.1	3.7	4	5	0	0	5	
24	3.1	2.8	3.1	3.1	3.7	4	5	0	0	5	
25	3.1	2.8	3.1	3.1	3.7	4	5	0	0	5	
26	3.1	2.8	3.1	3.1	3.7	4	0	0	0	5	
27	3.1	2.8	3.1	3.1	3.7	4	0	0	0	5	
28	3.1	2.8	3.1	3.1	3.7	4	0	0	0	5	
29	3.1	2.8	3.1	3.1	3.7	4	0	0	0	5	
30	3.1	2.8	3.1	3.1	3.7	4	0	0	0	5	
31	....	2.8	3.1	....	3.7	4	....	0	0	5	
Mean	3.1	2.8	2.8	3.1	3.7	4	....	0	0	....	
Max.	3.1	2.8	3.1	3.1	3.7	4	4	0	0	5	
Min.	3.1	2.8	2.7	3.1	3.7	4	0	0	0	5	
A. F.	184	172	174	184	228	246	249	0	0	298	
Area reported 300 acres.						Area reported 300 acres.					
Water used 942 A. F.						Water used 793 A. F.					
Per acre 3.14 A. F.						Per acre 2.64 A. F.					
*No record.											

**DISCHARGE IN SECOND-FEET OF COOPER CANAL**

Diverted from Lower Dugout Creek. Docket 872—Date of Priority August 15, 1892

Date	1922			
	June	July	Aug.	Sept.
1	0.0	0.8	0.8	0.8
2	.0	1.2	.8	.8
3	.8	1.2	.8	.8
4	.0	1.2	.8	.8
5	.0	1.2	.8	.8
6	.0	1.2	.8	.8
7	.0	1.2	.8	.8
8	.0	1.2	.8	.8
9	.0	1.2	.8	.8
10	.0	1.6	.8	.8
11	.0	1.2	.8	.8
12	.0	1.2	.8	.8
13	.0	1.2	.8	*
14	.0	1.2	.8	—
15	.0	1.2	.8	—
16	.0	1.2	.8	—
17	.0	1.2	.8	—
18	.0	1.2	.8	—
19	.0	1.2	.8	—
20	.0	1.2	.8	—
21	.0	1.2	.8	—
22	.0	1.2	.8	—
23	.0	1.2	.8	—
24	.0	1.2	.8	—
25	.6	1.2	.8	—
26	1.2	1.2	.8	—
27	.8	1.2	.8	—
28	.8	1.2	.8	—
29	.8	1.2	.8	—
30	.8	1.2	.8	—
31	—	.8	.8	—
Mean	0.2	1.2	0.8	0.8
Max.	1.2	1.6	.8	.8
Min.	.0	.8	.8	.8
A. F.	12	72	49	19

Area reported 60 acres.  
Water used 152 A. F.  
Per acre 2.53 A. F.

**DISCHARGE IN SECOND-FEET OF COURT HOUSE ROCK CANAL**

Diverted from Pumpkinseed Creek. Dockets 840, 1028—Date of Priority October 8, 1890

Date	1917						1918			
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.
1	*	18	20	21	19	21	*	12	10	14
2	—	18	20	21	19	21	—	12	10	14
3	—	18	20	21	19	21	—	13	10	16
4	—	18	20	22	22	20	—	12	11	17
5	—	18	20	22	24	20	21	11	11	17
6	—	18	21	22	24	20	21	11	11	16
7	—	19	20	22	23	20	20	12	12	14
8	16	19	20	22	23	21	20	13	12	14
9	16	19	20	22	23	20	20	13	11	14
10	16	19	20	23	23	*	20	13	10	14
11	16	19	20	23	23	—	19	14	10	14
12	16	19	20	23	23	—	19	16	11	14
13	16	19	20	23	23	—	19	16	12	14
14	16	19	20	23	23	—	19	16	12	14
15	16	19	20	23	24	—	19	16	16	15
16	16	19	20	23	24	—	19	16	14	16
17	17	19	20	23	25	—	19	14	14	15
18	17	19	20	23	24	—	18	13	13	15
19	17	19	20	22	24	—	17	12	13	14
20	17	20	20	23	24	—	17	13	12	14
21	17	20	20	22	24	—	17	12	13	14
22	17	20	20	22	24	—	17	12	7	14
23	17	20	20	23	24	—	17	12	4	14
24	17	20	21	23	23	—	16	11	0	21
25	17	20	21	23	23	—	15	12	0	23
26	17	20	21	23	23	—	15	13	0	20
27	17	20	21	23	23	—	15	12	0	18
28	18	20	21	17	22	—	14	11	0	17
29	18	20	21	12	22	—	13	10	12	16
30	18	20	21	12	22	—	12	12	14	*
31	18	—	21	13	—	—	—	11	17	—
Mean	17	19	20	21	23	20	18	13	10	16
Max.	18	20	21	23	25	21	21	16	17	23
Min.	16	18	20	12	19	20	12	11	0	14
A. F.	799	1141	1248	1303	1361	365	908	785	599	897

Area reported 1159 acres.

Water used 6217 A. F.

Per acre 5.36 A. F.

\*No record.

Area reported 1120 acres.

Water used 3189 A. F.

Per acre 2.85 A. F.

STATE OF NEBRASKA

Court House Rock Canal from Pumpkinseed Creek—Continued

Date	1919						1920					
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.	Oct.	
1	*	20	13	17	9	9	*	35	22	23	9	
2	---	20	13	17	9	10	---	30	24	42	9	
3	---	20	13	17	9	10	---	27	23	37	9	
4	---	19	15	16	8	11	---	29	23	35	9	
5	---	18	15	16	6	11	---	29	22	31	9	
6	---	17	13	15	6	11	---	29	22	31	9	
7	---	17	13	15	6	10	---	17	21	32	9	
8	---	18	13	15	6	10	---	18	21	32	12	
9	---	24	11	14	6	10	---	25	21	32	13	
10	---	21	11	14	6	10	---	25	0	32	13	
11	---	20	11	14	6	10	---	24	0	31	14	
12	---	18	10	14	6	14	---	24	0	17	15	
13	---	17	10	9	6	14	31	24	0	5	27	
14	---	17	10	8	6	15	32	23	0	4	23	
15	---	17	10	8	7	16	33	23	0	4	11	
16	---	17	10	8	7	16	34	23	0	19	2	
17	---	17	10	8	7	16	28	24	5	20	2	
18	---	17	10	8	7	15	39	24	13	20	2	
19	---	17	18	0	8	7	46	24	14	14	25	
20	---	17	20	0	8	17	0	24	14	0	25	
21	---	17	15	11	0	11	0	24	16	0	26	
22	---	17	14	17	0	11	0	23	18	0	28	
23	---	15	14	18	0	10	16	30	23	19	0	
24	---	15	14	18	0	10	15	34	24	19	0	
25	---	17	13	17	0	9	15	37	32	19	0	
26	---	17	13	21	0	9	15	37	27	19	0	
27	---	17	14	18	0	9	15	37	25	22	0	
28	---	17	13	17	2	9	16	39	25	32	0	
29	---	17	12	15	2	9	17	26	24	42	0	
30	---	18	12	14	4	9	17	34	23	37	9	
31	---	20	---	19	4	---	---	---	23	19	---	
Mean	---	17	17	12	8	8	14	29	25	16	16	
Max.	---	20	24	21	17	11	19	46	35	43	42	
Min.	---	15	12	0	0	6	9	0	17	0	0	
A. F.	539	1001	765	486	464	852	1024	1537	1006	932	885	
Area reported 1157 acres.							Area reported 1260 acres.					
Water used 4107 A. F.							Water used 5384 A. F.					
Per acre 3.55 A. F.							Per acre 4.27 A. F.					

Date	1921				
	May	June	July	Aug.	Sept.
1	*	25	25	22	23
2	---	0	25	20	23
3	---	0	25	16	23
4	---	0	26	18	22
5	---	0	26	20	22
6	26	0	26	20	22
7	26	0	25	23	22
8	22	0	22	3	22
9	20	0	22	3	21
10	19	0	20	20	21
11	20	0	22	24	21
12	20	0	23	25	21
13	19	0	23	25	20
14	20	0	23	24	20
15	19	0	23	24	20
16	19	0	23	25	20
17	25	17	23	25	20
18	24	17	23	26	20
19	19	17	24	26	18
20	26	17	25	26	20
21	20	17	26	26	21
22	17	19	26	26	21
23	19	19	26	23	22
24	22	22	26	24	*
25	25	22	26	25	---
26	25	25	26	26	---
27	12	25	26	26	---
28	11	25	25	26	---
29	12	25	25	26	---
30	11	25	24	26	---
31	10	---	24	26	---
Mean	20	11	24	22	21
Max.	26	25	26	26	23
Min.	10	0	20	3	18
A. F.	1097	628	1495	1378	962
Area reported 1301 acres.					
Water used 5470 A. F.					
Per acre 4.20 A. F.					

Date	1922				
	May	June	July	Aug.	Sept.
1	*	18	13	4	18
2	---	18	10	3	18
3	---	18	7	3	17
4	---	18	3	3	17
5	---	18	0	3	16
6	---	18	8	4	16
7	---	18	17	6	16
8	---	18	15	11	15
9	---	18	12	14	15
10	---	19	14	14	14
11	---	19	13	14	14
12	---	19	13	15	13
13	---	19	13	14	13
14	---	19	13	14	13
15	---	19	13	14	13
16	---	19	15	14	13
17	---	19	14	14	13
18	---	18	14	14	12
19	---	18	14	15	12
20	---	19	14	15	11
21	---	19	13	14	11
22	---	19	14	15	11
23	---	18	15	15	10
24	---	18	17	16	10
25	---	18	17	16	*
26	---	18	14	17	---
27	---	17	13	17	---
28	---	16	22	18	---
29	---	15	21	18	---
30	---	14	15	18	---
31	---	13	6	18	---
Mean	18	18	5	18	---
Max.	18	18	13	18	14
Min.	18	19	22	18	18
A. F.	36	1061	783	781	627
Area reported 1295 acres.					
Water used 3288 A. F.					
Per acre 2.54 A. F.					

\*No record. †Closed to clean out canal.  
 ‡Closed by water commissioner on account of shortage.

# HYDROGRAPHIC REPORT—1928

1085

## Court House Rock Canal from Pumpkinseed Creek—Continued

Date	1923						1924				
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.	Oct.
1	*	6	35	16	16	20	*	18	14	18	†20
2	....	1	36	17	16	20	....	18	14	18	20
3	....	1	35	17	16	20	....	18	14	18	20
4	....	12	22	18	16	20	....	18	14	18	20
5	....	32	22	18	16	20	....	18	14	18	20
6	....	33	22	18	16	20	....	18	14	18	20
7	....	35	22	18	16	20	....	18	14	18	20
8	....	36	22	18	16	20	....	19	14	18	20
9	....	35	22	18	16	20	....	19	15	18	20
10	....	30	27	18	16	20	....	19	15	18	20
11	....	23	29	18	16	20	....	19	15	18	20
12	....	24	30	18	16	20	....	19	15	17	20
13	....	23	24	18	16	20	....	19	15	†17	20
14	....	24	0	18	16	20	....	19	15	17	20
15	....	23	0	24	16	20	....	19	16	17	20
16	....	23	0	0	16	20	....	18	16	17	20
17	....	23	0	0	16	20	....	18	16	17	20
18	....	24	0	0	16	20	....	18	16	17	20
19	....	29	0	0	16	20	....	18	16	17	20
20	....	18	0	0	16	20	....	18	16	17	20
21	....	17	5	0	23	20	21	18	16	17	20
22	....	17	10	0	23	20	19	18	18	17	20
23	....	17	14	0	23	20	19	18	18	17	20
24	....	17	16	0	23	20	19	18	18	17	20
25	....	17	16	0	23	20	21	18	18	17	20
26	....	21	17	5	23	20	21	15	18	17	20
27	....	21	17	5	23	20	21	15	18	17	20
28	8	22	17	10	23	20	20	15	18	17	20
29	12	22	17	10	23	20	20	15	18	17	20
30	12	32	16	15	23	20	19	15	18	17	20
31	6	....	16	16	....	20	....	15	18	....	20
Mean	10	22	16	11	18	20	20	18	16	17	20
Max.	12	36	36	24	23	20	21	19	18	18	20
Min.	6	1	0	0	16	20	19	15	14	17	20
A. F.	75	1305	1009	660	1090	1230	397	1089	982	1031	1229

Area reported 1299 acres.

Water used 5369 A. F.

Per acre 4.13 A. F.

Area reported 1300 acres.

Water used 4728 A. F.

Per acre 3.64 A. F.

†Estimated from September 13 to October 31.

Date	1925					
	Apr.	May	June	July	Aug.	Sept.
1	*	15	7	11	5	11
2	....	15	7	11	5	11
3	....	15	7	14	5	11
4	....	15	7	16	5	11
5	....	15	7	11	5	11
6	....	18	7	11	15	12
7	....	18	7	11	15	13
8	....	18	7	9	12	13
9	....	18	7	9	12	13
10	....	15	7	9	12	13
11	....	13	23	11	18	13
12	....	15	23	11	18	13
13	....	13	23	11	18	14
14	....	15	23	11	18	15
15	....	22	18	26	11	17
16	....	22	10	26	11	15
17	....	29	18	26	11	15
18	....	29	15	26	11	17
19	....	29	15	26	11	17
20	....	29	15	19	12	21
21	....	29	15	0	12	21
22	....	22	15	0	14	21
23	....	22	15	0	14	18
24	....	22	15	0	14	16
25	....	22	14	0	14	14
26	....	25	14	7	17	14
27	....	29	12	10	17	11
28	....	25	10	13	0	11
29	....	25	10	11	4	11
30	....	18	9	11	4	11
31	....	9	....	4	11	....
Mean	25	14	12	11	14	14
Max.	29	18	26	17	21	19
Min.	18	9	0	0	5	11
A. F.	791	886	716	665	841	568

Area reported 1300 acres.

Water used 4467 A. F.

Per acre 3.44 A. F.

\*No record.

Court House Rock Canal from Pumpkinseed Creek—Continued

Date	1925						1927			
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.
1	29	14	0	18	14	23	0	0	27	18
2	29	14	0	18	14	23	0	0	27	18
3	29	14	0	18	14	23	0	0	27	18
4	29	14	0	18	14	23	0	0	27	18
5	29	14	0	18	14	23	0	0	27	18
6	29	14	0	18	14	23	0	0	27	18
7	29	14	0	18	14	23	0	0	27	18
8	29	14	0	18	14	23	0	0	27	18
9	29	14	0	18	14	23	0	0	27	18
10	29	14	0	18	14	23	0	0	27	18
11	29	13	20	17	14	23	0	0	27	18
12	29	13	20	17	14	*	0	0	27	18
13	29	13	20	17	14	.....	0	0	27	18
14	29	13	20	17	14	.....	0	0	27	18
15	29	13	20	17	14	.....	0	0	27	18
16	29	13	20	17	14	.....	37	35	27	18
17	29	13	20	17	14	.....	37	35	27	18
18	29	13	20	17	14	.....	37	35	27	18
19	29	13	20	17	14	.....	37	35	27	18
20	29	13	20	17	14	.....	37	35	27	18
21	31	13	20	17	0	.....	37	35	27	18
22	31	13	20	17	0	.....	37	35	27	18
23	31	13	20	17	0	.....	37	35	27	18
24	31	13	20	17	0	.....	37	35	27	18
25	31	13	20	17	0	.....	37	35	27	18
26	31	13	20	17	0	.....	37	35	27	18
27	31	13	20	17	0	.....	37	35	27	18
28	31	13	20	17	0	.....	37	35	27	18
29	31	13	20	17	0	.....	37	35	27	18
30	31	13	20	17	0	.....	37	35	27	18
31	31	13	20	17	0	.....	37	35	27	18
Mean	30	13	14	17	9	23	19	18	27	18
Max.	31	14	20	18	14	23	37	35	27	18
Min.	29	13	0	17	0	23	0	0	27	18
A. F.	1827	793	833	1065	555	502	1174	1041	1660	1107
Area reported 1735 acres.							Area reported 1656 acres.			
Water used 5575 A. F.							Water used 4982 A. F.			
Per acre 3.21 A. F.							Per acre 3.01 A. F.			

DISCHARGE IN SECOND-FEET OF COZAD CANAL

Diverted from Platte River. Docket 626—Date of Priority December 28, 1894

Date	1918				1919			
	June	July	Aug.	Sept.	July	Aug.	Sept.	Oct.
1	*	93	64	35	*	30	48	76
2	.....	93	64	60	.....	72	48	69
3	.....	93	*	60	.....	57	38	69
4	.....	93	.....	64	.....	63	38	69
5	.....	93	.....	60	.....	63	38	58
6	.....	83	.....	64	.....	69	38	58
7	.....	69	35	60	26	109	41	52
8	.....	69	37	45	26	133	41	52
9	.....	49	42	60	26	109	44	52
10	.....	60	48	60	26	109	44	48
11	.....	60	48	60	26	109	41	48
12	.....	64	48	60	26	109	41	48
13	.....	69	48	60	26	109	63	52
14	.....	49	56	60	26	63	92	58
15	.....	60	56	48	26	63	52	58
16	.....	60	48	64	26	63	133	58
17	.....	78	48	64	26	38	170	63
18	.....	98	48	64	26	48	109	63
19	.....	93	48	73	23	48	109	58
20	.....	83	56	73	23	48	41	58
21	.....	64	60	73	23	0	41	58
22	.....	69	60	73	23	0	41	58
23	56	69	60	64	48	0	44	58
24	73	78	64	69	48	0	41	58
25	77	78	52	69	48	0	41	58
26	77	88	56	69	48	63	58	58
27	93	93	56	69	23	63	48	52
28	93	60	35	78	26	63	48	52
29	108	69	35	*	25	63	52	52
:0	93	69	56	.....	25	63	76	52
:1	.....	64	66	.....	23	58	.....	58
Mean	84	75	52	63	29	61	59	57
Max.	108	98	66	78	48	133	170	76
Min.	56	49	35	35	23	0	38	48
A. F.	1329	4581	2765	3487	1424	3730	3488	3533
Area reported 15890 acres.				Area reported 21680 acres.				
Water used 12162 A. F.				Water used 12184 A. F.				
Per acre 0.77 A. F.				Per acre 0.56 A. F.				
*No record.								

# HYDROGRAPHIC REPORT—1928

1087

## Cozad Canal from Platte River—Continued

Date	1920			1921				
	July	Aug.		May	June	July	Aug.	Sept.
1	*	79		*	51	100	88	38
2	—	91		—	52	101	85	37
3	—	103		—	54	103	82	37
4	—	115		—	56	105	79	36
5	—	115		—	57	106	76	35
6	—	127		8	58	108	74	35
7	—	124		10	60	110	61	34
8	—	97		12	62	111	69	34
9	42	121		14	63	113	66	33
10	31	118		15	65	114	63	33
11	26	109		16	67	116	60	32
12	26	103		18	68	116	57	32
13	26	106		20	70	100	55	31
14	25	103		21	72	86	52	31
15	40	88		23	73	72	49	30
16	70	91		25	75	73	46	30
17	97	91		27	77	75	46	29
18	100	94		28	78	77	45	28
19	106	91		30	79	78	45	28
20	103	88		31	81	79	44	27
21	102	10		33	83	81	44	27
22	99	6		35	85	82	43	26
23	97	15		36	87	84	43	26
24	100	17		38	89	85	42	25
25	91	17		39	91	87	42	25
26	106	17		41	93	88	41	24
27	118	15		42	94	89	40	23
28	121	15		44	95	91	40	23
29	97	*		46	96	92	39	22
30	97	—		48	98	93	39	22
31	94	—		49	—	90	38	—
Mean	79	77		29	74	94	55	30
Max.	121	127		49	98	116	88	38
Min.	25	6		8	51	72	38	22
A. F.	3596	4296		1486	4421	5762	3357	1771

Area reported 29750 acres.      Area reported 29750 acres.  
 Water used 7892 A. F.      Water used 16797 A. F.  
 Per acre 0.27 A. F.      Per acre 0.56 A. F.

Date	1922				1923		
	June	July	Aug.	Sept.	July	Aug.	Sept.
1	*	79	125	95	*	61	37
2	—	78	125	95	—	56	38
3	—	78	124	96	—	51	39
4	—	77	123	97	—	47	40
5	—	76	123	97	—	43	41
6	—	78	123	98	—	41	41
7	—	80	122	95	—	38	42
8	—	82	122	92	—	35	43
9	—	84	122	89	—	33	44
10	—	86	117	86	72	24	45
11	—	88	110	83	74	20	45
12	—	90	106	81	76	14	46
13	—	92	105	78	77	9	47
14	—	94	104	75	78	12	48
15	—	96	103	72	80	15	47
16	—	98	103	68	82	15	46
17	—	100	102	66	84	17	44
18	—	102	102	63	86	19	42
19	—	104	101	60	88	21	39
20	—	106	100	62	89	23	36
21	—	108	100	65	90	23	34
22	—	110	99	67	92	24	31
23	—	112	98	69	94	25	28
24	—	114	97	71	96	27	25
25	83	116	96	73	97	29	22
26	82	119	95	75	98	30	19
27	81	122	94	78	99	31	16
28	80	125	93	80	101	33	13
29	80	125	93	70	103	34	10
30	79	125	94	60	86	35	0
31	—	125	95	—	69	36	—
Mean	81	99	107	79	87	30	35
Max.	83	125	125	98	103	61	48
Min.	79	76	93	60	69	9	0
A. F.	962	6086	6576	4673	3790	1827	2078

Area reported 7870 acres.      Area reported 8170 acres.  
 Water used 18297 A. F.      Water used 7695 A. F.  
 Per acre 2.32 A. F.      Per acre 0.94 A. F.  
 \*No record.

STATE OF NEBRASKA

Cozad Canal from Platte River—Continued

Date	1924					1925				
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.	Oct.
1	*	0	25	76	61	61	122	115	28	15
2	.....	0	25	76	61	61	122	86	42	22
3	.....	0	25	76	61	61	122	108	26	22
4	.....	0	25	76	61	61	80	118	36	0
5	.....	0	25	76	61	61	128	115	42	0
6	.....	0	25	76	61	61	150	110	42	0
7	.....	0	25	76	61	61	143	94	57	0
8	.....	0	25	76	61	61	150	90	64	0
9	.....	0	25	76	61	61	140	98	75	0
10	.....	0	25	76	61	61	64	82	68	0
11	.....	0	41	76	61	132	70	86	60	0
12	.....	0	41	76	61	132	0	80	64	0
13	.....	0	44	76	61	132	0	80	46	0
14	.....	0	20	76	61	132	0	72	60	0
15	.....	0	41	76	61	132	80	57	60	0
16	.....	0	42	82	61	132	57	35	58	0
17	.....	0	77	82	61	132	90	23	28	0
18	.....	0	41	82	61	132	128	38	50	0
19	.....	0	41	82	61	132	150	8	72	0
20	.....	0	41	82	61	132	150	12	23	0
21	.....	0	58	82	61	65	116	18	32	0
22	.....	0	58	82	61	65	153	8	31	0
23	.....	0	58	82	61	65	150	8	42	0
24	12	0	58	82	61	65	153	21	18	0
25	12	0	58	82	61	65	94	11	18	0
26	12	0	85	82	61	65	108	18	18	0
27	12	0	85	82	61	65	143	20	14	0
28	12	0	85	82	61	65	153	18	13	0
29	12	0	44	82	61	65	145	10	13	0
30	12	0	80	82	61	65	153	12	22	0
31	12	0	80	82	.....	.....	150	14	.....	0
Mean	12	0	46	79	61	86	100	54	41	2
Max.	12	0	85	82	61	132	153	118	75	22
Min.	12	0	20	76	61	61	0	8	13	0
A. F.	190	0	2832	4864	3630	5117	6732	3303	2424	117

Area reported 8970 acres.  
 Water used 11516 A. F.  
 Per acre 1.28 A. F.

Date	1926					
	May	June	July	Aug.	Sept.	Oct.
1	0	86	72	176	92	54
2	0	132	64	152	126	54
3	0	94	75	149	138	56
4	0	140	40	132	149	56
5	0	78	42	138	156	56
6	0	86	28	152	57	54
7	0	108	36	152	94	48
8	0	112	50	146	98	36
9	0	118	64	149	104	32
10	0	118	64	162	108	44
11	0	128	72	156	102	50
12	0	126	72	126	98	50
13	0	116	72	132	126	48
14	0	112	80	108	102	48
15	0	122	86	108	90	46
16	10	116	57	126	88	44
17	15	53	50	66	64	0
18	18	75	57	66	24	0
19	20	86	72	60	16	0
20	40	122	86	54	37	0
21	36	0	122	50	67	0
22	48	0	148	44	64	0
23	48	0	145	64	60	0
24	86	0	145	60	57	0
25	120	0	150	54	64	0
26	120	0	125	50	58	0
27	134	12	136	30	58	0
28	130	4	152	40	64	0
29	136	18	152	60	56	0
30	130	5	145	78	54	0
31	50	.....	145	84	.....	0
Mean	37	72	90	101	82	25
Max.	136	140	152	176	156	56
Min.	0	0	28	30	16	0
A. F.	2263	4297	5562	6196	4901	1539

Area reported 12185 acres.  
 Water used 24758 A. F.  
 Per acre 2.03 A. F.

\*No record. †Closed by water commissioner to supply Dawson County Canal.

# HYDROGRAPHIC REPORT—1928

1089

## Cozad Canal from Platte River—Continued

1927						
Date	May	June	July	Aug.	Sept.	Oct.
1	0	26	34	168	72	88
2	0	26	76	136	72	102
3	0	26	76	150	92	116
4	0	26	76	116	72	16
5	0	26	76	116	56	14
6	0	26	100	102	56	14
7	0	36	100	82	76	14
8	0	43	125	69	82	14
9	0	66	150	82	98	14
10	0	76	166	76	76	14
11	0	76	183	40	72	0
12	0	76	176	28	58	0
13	0	86	162	36	96	0
14	0	80	176	52	116	0
15	0	82	183	56	116	0
16	0	80	183	60	108	0
17	0	68	168	72	108	0
18	0	76	156	56	108	0
19	0	76	160	50	126	0
20	0	86	166	56	116	0
21	100	82	183	86	146	0
22	100	76	189	50	136	0
23	150	68	183	30	136	0
24	150	68	136	38	132	0
25	150	68	179	38	132	0
26	160	88	163	34	129	0
27	156	80	176	34	122	0
28	152	59	168	46	129	0
29	136	56	176	92	129	0
30	136	56	183	82	96	0
31	136	....	168	86	....	0
Mean	49	62	151	72	102	13
Max.	160	88	189	168	146	116
Min.	0	26	34	28	56	0
A. F.	3027	3697	9324	4401	6075	805

Area reported 12305 acres.  
Water used 27329 A. F.  
Per acre 2.22 A. F.

1928						
Date	May	June	July	Aug.	Sept.	Oct.
1	216	0	60	192	126	92
2	204	0	56	186	100	92
3	160	0	56	172	160	106
4	100	0	54	160	180	126
5	108	0	54	132	146	146
6	80	0	64	126	138	160
7	100	0	64	120	132	92
8	120	45	60	146	92	106
9	70	64	70	160	132	160
10	60	56	76	212	146	154
11	0	30	70	212	106	146
12	0	40	100	120	106	112
13	0	46	104	200	100	100
14	0	52	120	258	100	74
15	0	52	145	284	106	86
16	0	45	186	334	106	74
17	0	45	204	310	92	80
18	0	45	162	316	74	86
19	0	45	204	258	80	64
20	0	64	276	206	86	58
21	0	64	298	146	100	64
22	0	64	310	106	102	70
23	0	64	315	126	80	74
24	0	64	292	120	86	80
25	0	66	240	112	106	86
26	0	76	276	166	92	86
27	0	70	264	172	86	80
28	0	76	234	172	92	0
29	0	70	192	160	106	0
30	0	56	168	120	80	0
31	0	....	155	165	....	0
Mean	39	43	159	183	108	86
Max.	216	76	315	334	180	160
Min.	0	0	54	106	74	0
A. F.	2416	2576	9777	11246	6422	5264

Area reported 20080 acres.  
Water used 37701 A. F.  
Per acre 1.88 A. F.



DISCHARGE IN SECOND-FEET OF CULBERTSON CANAL

Diverted from Frenchman River. Dockets 24, 25, 29, 30—Date of Priority May 16, 1890

Date	1920					1921					
	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.	Oct.
1	*	72	80	54	61	60	89	85	89	87	85
2	26	70	80	49	61	71	87	85	89	85	81
3	28	68	84	50	61	73	83	83	73	85	83
4	28	66	84	47	68	77	79	81	50	85	83
5	29	65	86	43	66	83	79	81	79	87	83
6	28	72	88	61	66	83	68	81	87	87	83
7	50	75	88	52	64	83	68	81	87	83	85
8	57	77	86	45	72	81	68	83	91	83	87
9	65	79	86	50	79	81	68	83	93	87	83
10	72	80	86	47	79	81	71	83	89	83	83
11	73	82	84	43	79	81	71	83	89	81	83
12	75	84	84	38	79	89	68	89	89	81	83
13	77	84	86	38	79	99	81	89	89	83	85
14	77	82	86	43	79	97	85	85	93	83	85
15	77	82	82	45	79	91	83	83	77	85	83
16	75	80	84	47	79	89	83	83	77	81	89
17	73	80	82	55	79	85	85	81	87	81	93
18	72	80	82	59	79	85	83	79	93	81	*
19	70	80	75	61	79	83	83	83	89	73	....
20	68	79	41	61	79	87	81	83	91	81	....
21	66	79	41	61	79	87	81	87	89	77	....
22	66	77	54	61	72	87	87	87	87	77	....
23	68	77	54	61	70	85	87	87	85	77	....
24	70	77	57	61	68	87	85	87	58	77	....
25	72	77	61	61	68	91	89	87	83	77	....
26	73	77	63	61	68	85	89	91	89	81	....
27	75	80	63	61	70	89	89	89	89	81	....
28	77	79	63	61	70	89	91	91	58	83	....
29	75	75	59	61	70	89	89	89	85	87	....
30	73	75	54	61	65	101	87	89	89	83	....
31	....	75	54	....	*	89	....	91	83	....	....
Mean	63	77	73	53	72	85	81	85	84	82	85
Max.	77	84	88	61	79	101	91	91	93	87	93
Min.	26	65	41	38	61	60	68	79	50	73	81
A. F.	3640	4731	4471	3170	4298	5232	4837	5234	5149	4882	2850

Area reported 9400 acres.  
Water used 20310 A. F.  
Per acre 2.16 A. F.

Area reported 9400 acres.  
Water used 28184 A. F.  
Per acre 3.00 A. F.

Date	1922				
	June	July	Aug.	Sept.	Oct.
1	*	89	97	89	87
2	....	81	97	86	87
3	....	86	91	86	88
4	....	86	62	86	88
5	....	81	65	89	89
6	....	86	78	84	89
7	....	86	86	76	89
8	....	86	89	78	89
9	....	84	84	89	90
10	....	76	78	86	87
11	....	86	81	86	89
12	....	86	78	82	94
13	....	89	76	81	94
14	....	86	81	81	89
15	....	86	81	77	84
16	....	86	91	78	86
17	....	84	89	86	86
18	....	86	91	84	89
19	....	86	101	81	90
20	....	84	100	86	*
21	....	84	97	86	....
22	....	81	91	86	....
23	....	86	89	86	....
24	81	86	94	89	....
25	81	91	85	89	....
26	84	89	89	89	....
27	84	94	89	88	....
28	78	89	88	88	....
29	84	94	81	86	....
30	86	94	89	86	....
31	....	91	86	....	....
Mean	83	86	86	85	89
Max.	86	94	101	89	94
Min.	78	76	62	76	84
A. F.	1147	5314	5304	5045	3340

\*No record.

Area reported 8656 acres.  
Water used 20150 A. F.  
Per acre 2.33 A. F.

Culbertson Canal from Frenchman River—Continued

Date	1923						
	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	65	0	76	30	84	47
2	0	67	0	80	20	88	43
3	0	68	0	88	18	90	40
4	0	70	0	88	23	87	40
5	0	78	0	88	24	87	40
6	0	76	2	84	36	90	30
7	0	76	30	83	15	90	18
8	0	82	30	80	13	88	18
9	0	88	24	80	13	84	17
10	0	88	27	87	21	90	21
11	0	30	18	88	21	93	27
12	0	30	19	87	19	88	27
13	17	44	18	88	19	93	27
14	27	75	18	68	18	95	30
15	30	84	18	0	20	95	31
16	30	80	19	0	21	93	30
17	40	80	18	0	18	76	31
18	53	84	18	0	19	82	33
19	53	75	17	0	19	80	33
20	33	75	19	30	21	76	32
21	24	68	24	31	21	76	32
22	24	61	25	31	24	76	32
23	25	51	28	31	28	74	31
24	36	37	36	31	28	65	31
25	43	26	53	33	30	60	31
26	43	26	57	33	41	55	30
27	51	26	64	35	51	51	30
28	51	45	68	31	53	47	30
29	51	0	68	24	65	47	31
30	55	0	76	31	76	47	31
31	...	0	...	31	80	...	31
Mean	23	57	26	50	29	78	31
Max.	55	88	76	88	80	95	47
Min.	0	0	0	0	13	47	17
A. F.	1360	3483	1575	3048	1795	4655	1894

Area reported 7334 acres.  
Water used 17810 A. F.  
Per acre 2.43 A. F.

Date	1924				
	May	June	July	Aug.	Sept.
1	0	40	96	86	86
2	0	35	96	80	86
3	0	35	94	82	86
4	0	35	94	84	86
5	30	30	90	86	86
6	43	35	86	80	86
7	58	47	90	73	86
8	65	52	90	71	90
9	71	50	86	73	90
10	71	52	92	86	94
11	71	56	90	84	90
12	75	43	90	84	90
13	82	43	86	84	82
14	88	43	80	86	65
15	84	40	86	92	60
16	86	43	84	92	52
17	86	52	82	92	52
18	84	58	73	92	47
19	90	69	73	90	43
20	94	78	71	90	35
21	96	86	73	99	30
22	96	88	73	94	30
23	99	65	73	96	30
24	99	27	80	96	30
25	99	27	82	99	0
26	99	45	80	101	0
27	99	75	80	101	0
28	60	80	82	99	0
29	86	94	80	99	0
30	75	94	73	90	0
31	41	...	78	90	...
Mean	69	54	83	89	54
Max.	99	94	96	101	94
Min.	0	27	71	71	0
A. F.	4219	3207	5123	5457	3197

Area reported 9110 acres.  
Water used 21203 A. F.  
Per acre 2.33 A. F.

STATE OF NEBRASKA

Culbertson Canal from Frenchman River--Continued

1925							
Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	66	80	70	110	93	52
2	....	70	80	66	107	96	52
3	....	70	80	61	102	96	52
4	....	80	80	61	90	98	56
5	....	86	86	66	88	98	61
6	....	86	90	80	90	96	61
7	....	86	96	75	89	96	66
8	....	86	102	80	90	98	66
9	....	80	102	96	90	102	70
10	....	86	102	56	96	98	80
11	....	80	102	61	96	98	80
12	....	80	102	66	102	98	80
13	....	86	102	75	107	93	78
14	....	70	107	80	107	82	68
15	....	52	107	75	90	82	63
16	....	48	113	80	90	80	61
17	....	48	113	80	75	70	63
18	....	40	113	75	66	70	75
19	....	40	107	80	61	61	78
20	....	40	102	86	61	52	86
21	....	40	96	86	66	52	86
22	48	40	102	80	52	52	86
23	40	44	102	82	48	52	86
24	40	56	96	86	48	52	86
25	40	66	90	80	52	52	86
26	52	66	90	80	52	52	86
27	61	70	70	96	75	52	75
28	66	70	66	98	88	52	52
29	70	80	61	98	93	52	52
30	66	80	66	102	96	52	*
31	....	80	....	110	93	....	....
Mean	54	67	93	80	83	76	70
Max.	70	86	113	110	110	102	86
Min.	40	40	61	56	48	52	0
A. F.	958	4109	5556	4897	5096	4516	4051

Area reported 9438 acres.  
Water used 29183 A. F.  
Per acre 3.09 A. F.

1926								
Date	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	66	102	87	93	81	87	76
2	0	66	105	87	93	81	90	79
3	0	66	99	81	99	76	93	81
4	0	66	107	87	105	71	99	81
5	0	81	102	87	87	71	93	81
6	0	81	99	87	93	71	90	81
7	0	76	99	81	93	68	87	81
8	0	71	113	81	71	66	57	81
9	0	71	119	84	76	68	57	81
10	0	71	119	93	76	71	63	81
11	0	81	18	105	76	73	71	81
12	0	90	18	106	76	73	93	81
13	0	93	29	107	76	57	87	81
14	0	93	48	96	71	61	71	81
15	0	93	68	99	71	66	87	81
16	0	105	76	27	76	66	84	81
17	0	116	73	16	81	61	84	81
18	0	116	76	42	81	81	84	81
19	0	116	90	63	81	82	84	81
20	0	116	93	84	87	82	87	81
21	0	110	93	90	81	82	87	81
22	0	116	93	93	81	82	84	81
23	0	116	93	93	81	82	84	96
24	0	116	90	90	78	82	87	92
25	0	116	93	96	66	82	87	66
26	0	116	96	96	66	84	84	46
27	0	116	99	96	73	87	84	66
28	0	116	99	93	73	87	76	81
29	57	110	102	99	73	87	76	0
30	57	107	96	96	73	87	76	0
31	66	....	90	....	73	87	....	....
Mean	6	96	87	85	80	76	82	72
Max.	66	116	119	107	105	87	99	96
Min.	0	66	18	16	66	57	57	0
A. F.	337	5697	5366	5040	4915	4667	4905	4409

Area reported  
6329 acres.  
Water used  
35356 A. F.  
Per acre 5.59 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

1093

## Culbertson Canal from Frenchman River—Continued

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	*	85	79	90	95	72
2	....	98	81	90	91	74
3	....	110	79	90	85	72
4	....	95	81	91	91	72
5	....	85	81	90	95	72
6	....	81	81	85	91	72
7	....	81	81	85	91	74
8	....	81	84	90	95	74
9	....	84	77	91	85	74
10	....	90	77	91	85	72
11	....	91	85	91	81	74
12	....	79	85	91	81	74
13	....	77	85	90	81	77
14	....	79	81	90	77	77
15	....	77	84	90	81	77
16	63	64	84	85	84	79
17	63	58	84	81	84	79
18	63	0	84	81	84	79
19	63	0	85	81	85	84
20	55	38	81	81	95	85
21	48	40	81	91	95	85
22	62	52	85	91	85	85
23	64	52	90	91	90	85
24	50	40	91	91	84	85
25	50	40	91	91	72	85
26	45	40	91	91	72	85
27	48	63	90	91	72	85
28	48	62	90	91	72	85
29	63	77	91	91	72	85
30	62	79	91	90	72	85
31	64	....	90	98	....	*
Mean	57	67	85	89	84	76
Max.	64	110	91	98	95	85
Min.	48	0	77	81	72	72
A. F.	1806	3963	5196	5476	5004	4544

Area reported 8829 acres.  
Water used 25989 A. F.  
Per acre 2.94

Date	1928							
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
1	*	87	38	36	0	94	78	*
2	....	87	28	36	5	87	78	....
3	....	87	31	36	5	82	78	....
4	....	87	33	34	10	80	78	....
5	....	75	36	34	20	78	78	....
6	....	69	25	34	30	78	78	57
7	....	69	20	34	40	78	78	57
8	....	73	20	47	50	82	78	49
9	....	71	20	55	73	85	78	38
10	....	62	20	51	71	82	78	36
11	....	55	18	36	64	82	78	36
12	....	53	13	20	62	82	78	40
13	....	53	20	26	60	82	78	42
14	....	47	19	26	55	82	75	42
15	....	38	19	29	55	80	75	43
16	26	29	17	28	60	80	73	*
17	28	26	14	55	55	82	73	....
18	20	28	26	89	62	82	75	....
19	29	23	31	9	75	82	73	....
20	36	33	38	7	87	82	73	....
21	40	33	33	7	85	82	71	....
22	43	26	31	7	85	82	73	....
23	31	18	36	7	91	82	73	....
24	62	17	31	7	96	82	73	....
25	69	19	31	7	101	82	75	....
26	78	19	33	0	98	82	73	....
27	80	19	36	0	96	80	75	....
28	87	18	36	0	98	80	75	....
29	85	18	34	0	96	78	75	....
30	87	19	31	0	94	78	75	....
31	....	29	....	0	....	....	75	....
Mean	53	45	27	24	64	82	76	44
Max.	87	87	38	89	101	94	78	57
Min.	20	17	15	0	0	78	71	36
A. F.	1588	2745	1623	1501	3913	4859	4649	873

Area reported  
9610 acres.  
Water used  
21750 A. F.  
Per acre 2.26 A. F.

\*No record.

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY CANAL  
 Diverted from Platte River. Docket 622—Date of Priority June 26, 1894

Date	1918			1919			
	July	Aug.	Sept.	July	Aug.	Sept.	Oct.
1	140	184	76	*	22	95	150
2	130	152	86	62	70	120	160
3	120	152	86	54	62	120	192
4	130	152	86	95	89	112	200
5	120	98	108	95	136	120	192
6	108	152	140	95	126	104	168
7	76	174	152	110	136	104	160
8	130	196	140	95	136	104	168
9	120	174	140	95	136	104	160
10	120	184	120	95	144	120	144
11	140	120	108	86	136	120	126
12	162	130	140	80	148	120	136
13	162	130	152	80	160	136	136
14	152	140	140	80	144	150	120
15	130	130	130	86	126	136	136
16	174	152	162	110	144	126	120
17	184	140	174	95	126	120	126
18	196	130	184	86	126	160	120
19	206	120	196	86	70	136	104
20	218	130	184	80	70	144	86
21	218	120	174	95	86	144	104
22	206	108	174	95	95	150	110
23	184	162	162	80	104	150	110
24	206	140	140	70	136	144	110
25	196	140	152	55	150	150	110
26	196	120	130	46	120	150	110
27	206	130	140	63	129	150	110
28	162	162	152	55	112	136	80
29	196	120	*	26	112	144	80
30	206	162	....	15	112	144	55
31	196	76	....	26	112	....	55
Mean	164	141	140	74	115	130	127
Max.	218	196	196	110	160	160	200
Min.	76	76	76	15	22	95	55
A. F.	10096	8688	7791	4544	7055	7761	7811
Area reported	8260 acres.			11492 acres.			
Water used	26575 A. F.			27171 A. F.			
Per acre	3.22 A. F.			2.36 A. F.			

Date	1920					1921		
	May	June	July	Aug.	Sept.	July	Aug.	Sept.
1	14	102	120	272	165	*	220	98
2	18	70	102	290	165	....	196	92
3	14	60	102	290	165	....	182	86
4	14	44	86	290	180	....	164	72
5	14	38	104	300	165	....	170	36
6	14	60	86	300	150	....	164	36
7	14	52	102	316	134	....	156	62
8	14	44	106	243	38	....	164	80
9	14	38	106	243	38	....	156	98
10	16	38	106	256	38	....	156	72
11	16	44	106	243	38	....	176	0
12	14	38	166	212	38	151	150	0
13	14	70	166	212	38	151	150	0
14	18	70	136	212	38	138	138	0
15	18	70	145	198	38	138	156	0
16	18	70	212	180	38	182	164	0
17	18	70	212	180	38	161	121	0
18	18	70	212	166	38	137	124	0
19	18	60	230	180	38	202	124	0
20	14	70	243	243	38	164	124	0
21	14	60	243	258	38	156	124	0
22	14	60	230	180	38	164	124	0
23	14	86	243	166	38	196	124	0
24	14	86	230	166	38	190	124	0
25	10	134	212	150	38	220	98	0
26	10	134	243	150	38	137	72	0
27	32	104	258	150	38	150	76	0
28	44	70	258	196	38	170	100	0
29	52	88	258	166	38	150	124	0
30	52	136	258	166	38	164	112	0
31	70	....	232	165	....	176	118	....
Mean	21	71	186	217	67	166	140	24
Max.	70	136	258	316	180	220	220	58
Min.	10	38	86	150	38	137	72	0
A. F.	1265	4237	11408	13367	3363	6546	8636	1452
Area reported	12017 acres.					10951 acres.		
Water used	34240 A. F.					16634 A. F.		
Per acre	2.85 A. F.					1.52 A. F.		
*No record.								

Dawson County Canal from North Platte River—Continued

Date	1922					1923				
	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.	Oct.
1	*	176	204	50	130	*	150	260	92	30
2	---	154	198	20	130	---	165	234	84	39
3	---	176	186	0	130	---	180	252	58	39
4	---	166	166	0	125	---	173	244	54	39
5	---	176	154	0	125	---	200	244	58	39
6	---	176	134	0	120	---	276	234	58	39
7	---	180	86	0	120	---	300	268	58	48
8	---	178	66	60	120	---	200	200	64	39
9	118	180	48	50	115	---	160	165	58	39
10	130	198	66	40	115	---	150	142	72	30
11	114	180	84	40	115	---	142	160	78	23
12	126	186	82	0	110	---	165	92	84	23
13	134	180	66	0	110	---	118	72	92	23
14	126	178	120	0	110	---	134	72	92	23
15	126	178	124	0	105	---	286	92	100	*
16	100	166	134	0	105	---	294	72	72	---
17	100	170	130	100	105	---	336	54	78	---
18	145	178	120	180	110	---	228	34	78	---
19	154	178	109	170	100	---	286	48	58	---
20	118	186	118	160	0	---	268	72	48	---
21	145	180	126	150	*	---	252	78	44	---
22	134	198	145	140	---	---	286	92	44	---
23	130	198	166	130	---	---	286	84	48	---
24	100	198	160	120	---	---	276	72	48	---
25	118	198	140	100	---	---	268	58	48	---
26	145	216	140	58	---	---	294	54	39	---
27	118	198	134	100	---	---	300	58	39	---
28	160	202	100	145	---	---	294	64	30	---
29	166	134	51	140	---	180	286	92	23	---
30	166	198	94	140	---	165	252	92	23	---
31	---	198	100	---	---	---	252	100	---	---
Mean	131	183	121	70	110	173	254	124	61	34
Max.	166	216	204	180	130	180	336	268	100	48
Min.	100	134	51	0	0	165	118	34	23	23
A. F.	5698	11222	7440	4151	4363	684	14394	7646	3614	938

Area reported 8510 acres.  
Water used 32874 A. F.  
Per acre 3.86 A. F.

Area reported 12000 acres.  
Water used 27276 A. F.  
Per acre 2.27 A. F.

Date	1924						1925				
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	72	123	117	150	165	125	*	76	114	300	82
2	72	123	110	145	192	125	---	76	84	300	82
3	72	123	102	150	157	125	---	76	32	300	82
4	72	123	109	150	161	125	---	76	40	300	82
5	72	123	117	170	161	125	---	76	28	300	82
6	72	123	175	175	157	100	---	76	68	278	82
7	72	123	184	178	165	100	---	108	74	278	82
8	72	123	184	184	165	100	---	148	68	250	82
9	72	123	230	184	165	100	---	152	35	230	82
10	72	123	200	184	165	100	---	158	28	203	82
11	72	123	192	184	165	100	---	163	22	200	124
12	72	123	192	184	200	100	---	208	68	200	124
13	72	123	220	178	165	100	---	248	126	200	124
14	72	123	200	165	145	100	---	188	126	200	124
15	72	123	210	165	125	100	46	163	95	200	125
16	72	123	230	165	137	70	46	158	84	100	123
17	72	123	230	165	140	70	46	148	132	100	124
18	72	123	184	157	125	70	46	148	144	100	124
19	72	123	184	157	125	70	46	148	150	100	124
20	72	123	184	157	117	70	46	142	140	100	124
21	72	123	192	153	118	70	46	146	138	100	112
22	72	123	192	157	120	70	46	148	138	100	112
23	72	123	133	157	118	70	46	176	236	100	112
24	72	123	130	157	118	70	46	126	248	100	112
25	72	123	125	157	117	70	46	124	326	100	112
26	72	123	117	165	118	30	60	122	320	82	112
27	72	123	137	175	120	30	60	104	320	82	112
28	72	123	140	165	122	30	60	96	320	82	112
29	72	123	140	165	123	30	60	90	320	82	112
30	72	123	145	165	125	30	60	114	320	82	112
31	72	---	150	165	---	30	60	---	320	82	112
Mean	72	123	166	165	143	81	51	133	150	169	106
Max.	72	123	230	184	200	125	60	248	326	300	125
Min.	72	123	102	145	117	30	46	76	22	82	82
A. F.	4427	4317	10222	10167	8519	4967	1717	7896	9249	10373	6307

Area reported 36195 acres.  
Water used 45619 A. F.  
Per acre 1.26 A. F.

Area reported 36135 acres.  
Water used 34492 A. F.  
Per acre 0.95 A. F.

\*No record. †Estimated.

1050 A. F. delivered to Kearney Canal via Buffalo Creek.

STATE OF NEBRASKA

Dawson County Canal from North Platte River—Continued

Date	1926					
	May	June	July	Aug.	Sept.	Oct.
1	70	96	166	310	80	158
2	56	106	170	310	84	158
3	48	116	188	320	80	158
4	52	126	203	310	88	158
5	48	136	196	320	92	92
6	48	150	188	302	126	116
7	70	166	90	286	138	116
8	84	•156	90	272	132	92
9	105	166	90	256	120	91
10	112	166	98	310	116	90
11	105	166	90	310	120	88
12	105	170	106	326	116	88
13	112	170	90	320	126	86
14	112	170	90	294	138	80
15	112	188	90	272	210	70
16	105	203	196	242	226	55
17	84	196	180	226	218	45
18	105	170	180	202	196	48
19	105	180	196	196	196	*
20	116	170	120	218	180	—
21	112	156	136	210	172	—
22	165	150	136	210	158	—
23	144	145	152	218	152	—
24	144	150	152	228	152	—
25	140	145	152	226	158	—
26	144	145	152	226	158	—
27	172	145	182	218	158	—
28	172	156	168	202	158	—
29	180	166	176	202	158	—
30	172	170	176	226	158	—
31	120	.....	190	76	.....	—
Mean	111	156	148	253	145	99
Max.	190	203	203	326	226	158
Min.	48	96	90	76	80	45
A. F.	6801	9312	9102	15551	8654	3548

Area reported 36135 acres.  
Water used 52968 A. F.  
Per acre 1.47 A. F.

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	0	92	112	370	244	180
2	0	92	168	292	228	180
3	0	102	208	292	228	212
4	0	92	167	292	228	60
5	0	88	167	286	260	60
6	0	82	212	300	212	60
7	0	102	220	280	212	60
8	0	154	212	292	270	60
9	88	130	286	300	260	60
10	88	70	280	260	188	60
11	78	112	280	260	220	60
12	74	142	260	244	194	60
13	66	130	280	225	220	60
14	62	124	234	228	194	60
15	66	130	280	228	208	60
16	46	167	286	220	208	0
17	40	180	286	228	212	0
18	44	180	286	208	154	0
19	50	180	340	228	212	0
20	62	160	340	228	212	0
21	66	136	320	244	167	0
22	66	154	286	212	188	0
23	62	124	362	200	200	0
24	62	70	348	180	200	0
25	62	136	362	160	208	0
26	96	160	370	200	212	0
27	96	160	340	188	200	0
28	82	154	314	220	212	0
29	74	154	356	286	212	0
30	92	136	384	294	188	0
31	88	.....	376	280	.....	0
Mean	52	130	281	249	212	42
Max.	96	180	384	370	270	212
Min.	0	70	112	160	154	0
A. F.	3193	7722	17296	15322	12597	2562

Area reported 62285 acres.  
Water used 58692 A. F.  
Per acre 0.93 A. F.

\*No record.

Dawson County Canal from North Platte River—Continued

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	13	85	15	450	355	155
2	22	90	40	435	355	180
3	17	35	100	420	355	185
4	15	75	85	420	365	190
5	17	180	105	420	355	190
6	15	200	110	400	330	200
7	15	205	100	400	310	180
8	75	200	115	410	270	180
9	137	180	80	385	237	165
10	130	180	170	385	270	180
11	105	180	190	385	240	185
12	130	165	175	400	235	175
13	137	170	160	385	235	185
14	115	190	165	450	235	215
15	160	195	160	375	230	150
16	160	200	225	330	232	45
17	151	200	220	315	232	0
18	151	200	225	240	237	0
19	151	125	225	355	235	0
20	145	125	220	325	237	0
21	137	130	217	225	217	0
22	137	125	217	350	195	0
23	125	130	217	340	175	0
24	137	160	245	340	150	0
25	151	165	355	420	125	0
26	151	85	350	240	117	0
27	151	100	350	315	155	0
28	125	115	350	330	135	0
29	125	63	365	350	125	0
30	125	25	435	330	145	0
31	105	—	520	365	—	0
Mean	107	143	210	364	236	89
Max.	160	205	520	450	365	215
Min.	13	25	15	225	117	0
A. F.	6605	5485	12901	22388	14061	5474

Area reported 55570 acres.

Water used 69914 A. F.

Per acre 1.26 A. F.

Storage water 25 second feet. Water carried through Dawson County Canal via Buffalo Creek for the Kearney Canal from August 20 to September 8.

DISCHARGE IN SECOND- FEET OF DELAWARE-HICKMAN CANAL

Diverted from Republican River. Docket 157—Date of Priority January 7, 1895

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	*	2.5	3.6	0.6	0.6	4.4
2	....	2.5	3.6	.6	.6	4.4
3	....	2.5	3.6	.6	.6	4.4
4	....	2.5	3.6	.6	.6	4.4
5	....	2.5	3.5	.6	.6	4.4
6	....	2.5	3.5	.6	.6	4.4
7	....	2.5	3.5	.6	.6	4.4
8	....	2.5	3.5	.6	.6	4.4
9	....	2.5	3.5	.6	.6	4.4
10	....	2.5	3.5	.6	.6	4.4
11	....	2.5	3.5	.6	.6	4.4
12	....	2.5	3.5	.6	.6	4.4
13	....	2.5	3.5	.6	.6	4.4
14	....	2.5	3.5	.6	.6	4.4
15	....	2.5	3.5	.6	.6	4.4
16	13.7	2.5	3.5	.6	.6	4.4
17	13.7	2.5	3.5	.6	.6	4.4
18	13.7	2.5	3.5	.6	.6	4.4
19	13.7	2.5	3.5	.6	.6	4.4
20	13.7	2.5	3.5	.6	.6	4.4
21	13.7	2.5	7.1	.6	.6	4.4
22	13.7	2.5	7.1	.6	.6	4.4
23	13.7	2.5	7.1	.6	.6	4.4
24	13.7	2.5	7.1	.6	.6	4.4
25	13.7	2.5	7.1	.6	.6	4.4
26	3.4	2.5	7.1	.6	.6	4.4
27	3.4	2.5	7.1	.6	.6	4.4
28	3.4	2.5	7.1	.6	.6	4.4
29	3.4	2.5	7.1	.6	.6	4.4
30	3.4	2.5	7.1	.6	.6	4.4
31	3.4	—	7.1	.6	—	4.4
Mean	10.0	2.5	4.8	0.6	0.6	4.4
Max.	13.7	2.5	7.1	.6	.6	4.4
Min.	3.4	2.5	3.5	.6	.6	4.4
A. F.	311	148	294	37	36	270

Area reported\*.

Water used 1096 A. F.

\*No record.



## STATE OF NEBRASKA

## DISCHARGE IN SECOND-FEET OF DUNDY COUNTY CANAL

Diverted from Republican River. Docket 118—Date of Priority November 22, 1890

Date	1921			
	July	Aug.	Sept.	Oct.
1	*	40	3	8
2	—	40	2	8
3	—	40	8	8
4	—	40	8	8
5	—	40	8	8
6	—	35	8	8
7	—	30	10	8
8	—	28	12	8
9	—	25	18	8
10	—	22	18	8
11	—	20	16	8
12	—	18	14	8
13	—	18	12	8
14	—	17	12	8
15	13	16	13	8
16	12	15	15	10
17	11	14	8	12
18	10	12	9	15
19	9	12	10	15
20	8	10	11	18
21	7	8	2	*
22	10	8	3	—
23	12	8	1	—
24	15	6	1	—
25	18	6	1	—
26	20	6	2	—
27	24	6	2	—
28	25	5	3	—
29	40	4	3	—
30	40	3	3	—
31	25	3	—	—
Mean	18	18	8	10
Max.	40	40	18	18
Min.	7	3	1	8
A. F.	593	1097	468	376

Area reported 600 acres.  
Water used 2534 A. F.  
Per acre 4.22 A. F.

## DISCHARGE IN SECOND-FEET OF EMPIRE CANAL

Diverted from North Platte River. Docket 858—Date of Priority June 25, 1891

Date	1916			1918			
	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	—	—	*	12.3	*	0.2
2	—	—	—	—	12.3	—	.2
3	—	—	—	—	12.3	—	.2
4	—	—	—	—	2.5	0.6	.2
5	—	—	—	—	2.5	.6	.2
6	—	—	—	—	2.5	.6	.0
7	—	—	—	—	2.5	.6	.0
8	—	—	—	—	2.5	.6	.0
9	—	—	—	—	2.5	.6	.0
10	—	—	—	—	2.5	.6	3.6
11	—	—	—	—	2.5	.7	3.6
12	—	—	—	—	3.6	.5	3.6
13	—	—	—	—	3.6	.5	*
14	—	—	—	—	3.6	.3	—
15	9	—	—	14.4	6.0	.3	—
16	9	—	—	14.4	1.6	.0	—
17	9	—	—	14.4	*	.0	—
18	*	—	—	14.4	—	.0	—
19	—	—	—	23.6	—	.0	—
20	—	—	—	23.6	—	.0	—
21	—	—	—	23.6	—	.0	—
22	—	—	—	23.6	—	.0	—
23	—	—	—	25.4	—	.6	—
24	—	—	—	12.3	—	.2	—
25	—	—	—	12.3	—	.2	—
26	—	—	—	12.3	—	.2	—
27	—	—	—	14.4	—	.2	—
28	—	—	—	12.3	—	.2	—
29	—	—	—	12.3	—	.2	—
30	—	—	—	12.3	—	.2	—
31	—	—	—	—	—	.2	—
Mean	—	—	—	16.6	4.7	0.3	1.0
Max.	—	—	—	25.4	12.3	.7	3.6
Min.	—	—	—	12.3	1.6	.2	.2
A. F.	—	—	—	526.8	149.3	17.2	23.4

\*No record.

Area reported 2100 acres.  
Water used 717 A. F.  
Per acre 0.34 A. F.

Empire Canal from North Platte River—Continued

Date	1919					1921			
	May	June	July	Aug.	Sept.	May	June	July	Aug.
1	*	3	10	†	3	*	0	0	0
2	---	3	10	---	7	---	0	0	0
3	---	5	9	---	7	---	0	8	0
4	---	5	9	---	8	---	0	2	0
5	---	5	9	---	9	---	0	6	7
6	---	9	7	---	10	---	0	8	10
7	---	9	3	---	7	---	0	5	73
8	---	13	3	---	19	---	0	27	71
9	---	13	4	---	19	---	0	61	68
10	---	13	4	---	17	---	0	58	71
11	---	13	5	---	9	17	0	58	68
12	---	13	5	---	11	20	0	27	61
13	---	13	5	---	0	17	0	31	61
14	---	16	5	---	3	16	0	41	3
15	---	14	5	---	3	12	0	37	3
16	---	19	6	---	*	31	0	61	4
17	---	19	6	---	---	47	0	1	5
18	---	13	6	---	---	34	0	4	3
19	---	13	7	---	---	27	0	1	2
20	---	13	3	---	---	17	0	0	2
21	---	13	3	---	---	8	0	9	0
22	---	13	3	---	---	8	0	4	5
23	---	13	3	---	---	4	0	0	5
24	---	12	3	---	---	3	0	0	4
25	---	12	3	---	---	2	0	0	4
26	---	9	3	---	---	8	0	0	2
27	5	9	4	---	---	4	0	0	2
28	5	9	6	5	---	0	0	0	2
29	0	4	7	6	---	0	0	0	2
30	2	4	7	6	---	0	0	0	2
31	2	---	7	5	---	13	---	0	2
Mean	3	11	5	6	9	0	14	17	73
Max.	5	19	10	6	19	34	0	61	73
Min.	0	3	3	5	0	0	0	0	0
A. F.	28	639	337	44	261	545	0	891	1075

Area reported 2000 acres.  
Water used 1309 A. F.  
Per acre 0.65 A. F.

Area reported 1925 acres.  
Water used 2511 A. F.  
Per acre 1.30 A. F.

Date	1922			
	June	July	Aug.	Sept.
1	*	21	13	11
2	---	20	11	11
3	---	19	9	11
4	---	18	5	11
5	---	17	2	*
6	---	15	0	---
7	---	14	0	---
8	---	12	0	---
9	---	11	2	---
10	---	10	2	---
11	---	9	3	---
12	---	7	3	---
13	14	5	4	---
14	13	3	4	---
15	13	2	4	---
16	13	3	5	---
17	13	9	5	---
18	15	10	6	---
19	14	12	6	---
20	14	14	7	---
21	15	17	7	---
22	16	18	8	---
23	17	19	8	---
24	18	20	8	---
25	19	21	9	---
26	20	20	9	---
27	20	19	10	---
28	21	18	10	---
29	21	17	10	---
30	22	16	11	---
31	---	14	11	---
Mean	16	14	6	11
Max.	22	21	13	11
Min.	13	2	0	11
A. F.	587	853	381	87

Area reported 1925 acres.  
Water used 1908 A. F.  
Per acre 0.99 A. F.

Date	1923		
	June	July	Aug.
1	32	11	5
2	32	11	5
3	32	11	5
4	32	11	5
5	32	11	5
6	32	11	10
7	32	11	10
8	32	11	10
9	32	11	10
10	32	11	10
11	20	8	14
12	20	8	14
13	20	8	14
14	20	8	14
15	20	8	14
16	20	8	14
17	20	8	14
18	20	8	14
19	20	8	14
20	20	8	14
21	0	2	1
22	0	2	1
23	0	2	1
24	0	2	1
25	0	2	1
26	0	2	1
27	0	2	1
28	0	2	1
29	0	2	1
30	0	2	1
31	---	---	---
Mean	17	7	7
Max.	32	11	14
Min.	0	2	1
A. F.	1031	420	448

Area reported 1825 acres.  
Water used 1899 A. F.  
Per acre 1.04 A. F.

\*No record. †Closed by water commissioner.

## STATE OF NEBRASKA

## Empire Canal from North Platte River—Continued

Date	1924			1925		
	July	Aug.	Sept.	June	July	Aug.
1	5	18		12.0	0.0	2.7
2	5	18		12.0	.0	2.7
3	5	18		12.0	.0	2.7
4	5	18		12.0	.0	2.7
5	5	18		12.0	.0	2.7
6	18	15		12.0	.0	2.7
7	18	15		12.0	.0	2.7
8	18	15		12.0	.0	2.7
9	18	15		12.0	.0	2.7
10	18	15		12.0	.0	2.7
11	25	10		.0	.0	2.7
12	25	10		.0	.0	2.7
13	25	10		.0	.0	2.7
14	25	10		.0	.0	2.7
15	25	10		.0	.0	2.7
16	25	7		.0	.0	2.7
17	25	7		.0	.0	2.7
18	25	7		.0	.0	2.7
19	25	7		.0	.0	2.7
20	25	7		.0	.0	2.7
21	22	4		.6	.0	2.7
22	22	4		.6	.0	2.7
23	22	4		.6	.0	2.7
24	22	4		.6	.0	2.7
25	22	4		.6	.0	2.7
26	21	2		.6	.0	2.7
27	21	2		.6	.0	2.7
28	21	2		.6	.0	2.7
29	21	2		.6	.0	2.7
30	21	2		.6	.0	2.7
31	21	2		.0	.0	2.7
Mean	19	9		4.2	0.0	2.7
Max.	25	18		12.0	.0	2.7
Min.	5	2		.0	.0	2.7
A. F.	1192	559		250	.0	167
Area reported 1778 acres.				Area reported 1730 acres.		
Water used 1761 A. F.				Water used 417 A. F.		
Per acre 0.98 A. F.				Per acre 0.24 A. F.		

Date	1926			
	May	June	July	Aug.
1	0.7	0.5	16	2.5
2	.7	.5	16	2.5
3	.7	.5	16	2.5
4	.7	.5	16	2.5
5	.7	.5	16	2.5
6	.7	.5	16	2.5
7	.7	.5	16	2.5
8	.7	.5	16	2.5
9	.7	.5	16	2.5
10	.7	.5	16	2.5
11	.7	.5	4	2.5
12	.7	.5	4	2.5
13	.7	.5	4	2.5
14	.7	.5	4	2.5
15	.7	.5	4	2.5
16	.7	.5	4	2.5
17	.7	.5	4	2.5
18	.7	.5	4	2.5
19	.7	.5	4	2.5
20	.7	.5	4	2.5
21	.7	.5	4	2.5
22	.7	.5	4	2.5
23	.7	.5	4	2.5
24	.7	.5	4	2.5
25	.7	.5	4	2.5
26	.7	.5	4	2.5
27	.7	.5	4	2.5
28	.7	.5	4	2.5
29	.7	.5	4	2.5
30	.7	.5	4	2.5
31	.7	.5	4	2.5
Mean	0.7	0.5	8	2.5
Max.	.7	.5	16	2.5
Min.	.7	.5	4	2.5
A. F.	43	30	484	154
Area reported 1740 acres.				
Water used 711 A. F.				
Per acre 0.41 A. F.				

**DISCHARGE IN SECOND-FEET OF ENTERPRISE CANAL**  
 Diverted from North Platte River. Docket 920—Date of priority March 28, 1889

Date	1916				1919				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	*	76	35	*	85	102	70	45
2	—	—	76	21	—	77	102	70	45
3	—	—	90	21	—	70	102	62	45
4	—	—	90	21	—	70	85	77	30
5	—	3	90	21	—	70	77	77	30
6	—	3	90	9	—	70	77	70	9
7	—	48	105	9	—	70	77	54	9
8	—	*	105	9	—	70	77	70	9
9	—	—	115	9	—	70	77	65	9
10	—	—	115	9	—	70	77	70	9
11	—	—	105	9	—	70	77	70	9
12	—	—	105	9	—	70	93	70	5
13	—	—	105	9	—	77	93	77	5
14	—	90	105	9	—	93	93	70	5
15	—	90	105	9	—	93	93	70	0
16	—	90	90	9	—	85	0	70	*
17	—	90	90	9	—	80	0	62	—
18	—	90	76	*	—	77	0	65	—
19	—	90	76	—	—	81	54	65	—
20	—	76	76	—	—	85	54	73	—
21	—	62	62	—	—	89	36	65	—
22	—	62	62	—	—	93	45	70	—
23	—	62	62	—	—	93	45	70	—
24	—	21	62	—	—	93	45	45	—
25	—	105	90	62	—	85	45	45	—
26	—	105	90	62	—	85	36	45	—
27	—	*	90	62	—	93	54	36	—
28	—	—	90	35	—	93	54	45	—
29	—	—	76	35	—	109	93	54	45
30	—	—	76	35	—	109	93	54	45
31	—	—	76	35	—	109	—	54	45
Mean	—	77	72	79	13	109	81	62	62
Max.	—	105	90	105	35	109	93	102	77
Min.	—	21	3	35	9	109	70	0	36
A. F.	—	458	2986	4876	450	650	4847	3833	3836

Area reported 6943 acres.

Water used 8770 A. F.

Per acre 1.26 A. F.

\*No record.

Area reported 10150 acres.

From River 13690 A. F.

From Spotted Tail, Dry 6435 A. F.

From Stewarts Drain 2782 A. F.

From Tub Springs 1988 A. F.

Total water used 24895 A. F.

Per acre 2.45 A. F.

Enterprise Canal from North Platte River—Continued

Date	1920			1921				
	June	July	Aug.	May	June	July	Aug.	Sept.
1	*	65	27	35	35	126	12	4
2	.....	55	22	24	27	122	13	4
3	.....	56	23	27	27	122	13	5
4	.....	30	23	20	0	116	13	5
5	.....	26	24	18	0	116	13	5
6	.....	31	24	18	0	96	18	*
7	.....	51	25	30	0	87	13	.....
8	38	91	26	50	0	87	18	.....
9	24	87	27	71	0	84	13	.....
10	91	78	28	92	0	71	13	.....
11	88	85	29	92	0	49	11	.....
12	78	98	30	96	0	49	13	.....
13	68	85	32	96	0	40	11	.....
14	58	95	34	122	0	40	9	.....
15	48	78	36	126	0	45	8	.....
16	39	65	58	110	0	45	7	.....
17	30	58	38	105	0	49	7	.....
18	21	65	45	109	0	82	7	.....
19	21	78	51	92	0	66	6	.....
20	22	90	51	84	0	62	5	.....
21	22	58	38	75	0	62	4	.....
22	23	72	38	71	35	66	4	.....
23	23	67	38	66	44	62	4	.....
24	24	62	38	62	57	71	4	.....
25	25	57	38	57	71	79	4	.....
26	25	51	38	53	84	75	3	.....
27	26	88	*	49	100	66	3	.....
28	27	51	.....	49	100	35	3	.....
29	27	45	.....	45	92	21	4	.....
30	56	24	.....	40	127	18	4	.....
31	.....	19	.....	45	.....	13	4	.....
Mean	39	63	34	65	27	68	9	5
Max.	91	95	51	126	127	126	18	5
Min.	21	19	22	18	0	13	3	4
A. F.	1793	3888	1747	4007	1585	4209	524	46
Area reported 7070 acres.				Area reported *				
From River 7428 A. F.				From River 10371 A. F.				
From Spotted Tail, Dry 7849 A. F.				From Morrill Drain 676 A. F.				
From Stewarts Drain 751 A. F.				From Spotted Tail, Dry 9355 A. F.				
From Tub Springs 1459 A. F.				From Stewarts Drain 713 A. F.				
Total water used 17487 A. F.				From Tub Springs 6206 A. F.				
Per acre 2.47 A. F.				Total water used 27321 A. F.				
*No record.								

Enterprise Canal from North Platte River—Continued

Date	1922				1923				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	107	18	30	*	0	90	23	62
2	....	107	18	*	....	0	90	40	62
3	....	20	15	....	....	0	90	40	62
4	....	46	16	....	....	0	118	36	65
5	61	25	15	....	....	0	58	36	65
6	54	39	15	....	....	0	62	42	65
7	67	35	61	....	....	0	48	40	62
8	65	50	71	....	....	0	40	42	62
9	58	58	46	....	....	0	25	50	58
10	50	73	10	....	....	0	22	55	58
11	42	77	30	....	....	0	32	62	62
12	40	80	45	....	....	0	106	65	65
13	20	80	60	....	....	0	112	84	80
14	32	80	77	....	....	0	148	90	74
15	15	77	73	....	....	0	184	36	74
16	32	73	86	....	....	0	148	36	74
17	55	73	81	....	35	0	170	32	65
18	77	80	77	....	35	0	126	32	58
19	100	96	71	....	35	0	106	32	65
20	108	93	69	....	35	0	84	40	50
21	85	73	80	....	35	50	86	65	40
22	80	53	65	....	35	50	80	58	35
23	80	61	69	....	35	48	84	80	35
24	80	34	55	....	35	65	106	90	35
25	80	45	71	....	35	54	118	80	32
26	96	77	61	....	19	36	23	80	32
27	93	69	30	....	19	30	30	84	30
28	100	39	30	....	19	28	30	90	0
29	112	10	30	....	19	94	28	65	0
30	107	10	25	....	19	94	20	74	0
31	....	15	34	....	19	....	22	70	....
Mean	69	60	49	30	29	18	80	56	51
Max.	112	107	86	30	35	94	184	90	80
Min.	15	10	10	30	19	0	20	23	0
A. F.	3548	3679	2983	59	850	1089	4931	3469	3028

Area reported 8000 acres.  
 From River 10269 A. F.  
 From Morrill Drain 730 A. F.  
 From Spotted Tail, Dry 10520 A. F.  
 From Stewarts Drain 705 A. F.  
 From Tub Springs 3965 A. F.  
 Total water used 26189 A. F.  
 Per acre 3.27 A. F.  
 \*No record.

Area reported 7200 acres.  
 From River 13366 A. F.  
 From Morrill Drain 420 A. F.  
 From Spotted Tail, Dry 9212 A. F.  
 From Stewarts Drain 728 A. F.  
 From Tub Springs 2722 A. F.  
 Total water used 26448 A. F.  
 Per acre 3.67 A. F.

## Enterprise Canal from North Platte River—Continued

Date	1924					1925					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	*	38	118	123	103	42	34	122	68	30	18
2	....	52	112	112	106	42	34	130	54	25	15
3	....	53	96	106	106	34	34	144	54	18	12
4	....	53	100	109	106	34	122	144	82	18	18
5	....	53	100	100	106	25	136	150	82	22	22
6	....	53	100	100	106	25	122	150	98	18	7
7	....	53	96	96	96	18	34	144	82	18	0
8	....	58	90	96	96	12	34	144	82	18	*
9	....	64	100	100	85	34	25	136	68	18	....
10	....	70	100	100	85	42	25	136	82	38	....
11	....	118	90	90	53	34	25	130	98	38	....
12	....	118	96	96	53	25	54	90	82	38	....
13	....	118	90	90	43	7	82	82	82	34	....
14	....	118	90	90	30	7	82	82	68	30	....
15	58	118	90	96	23	25	48	82	88	26	....
16	53	118	118	96	23	25	34	82	98	22	....
17	53	118	118	96	23	25	48	48	96	18	....
18	53	118	118	100	18	12	82	48	94	18	....
19	58	118	118	100	53	25	68	48	92	18	....
20	58	106	106	112	30	25	48	48	90	18	....
21	64	106	106	106	23	25	48	48	90	18	....
22	74	106	106	118	23	25	82	82	90	18	....
23	63	106	106	118	23	25	98	54	90	25	....
24	53	106	106	106	23	18	98	60	90	25	....
25	48	118	118	106	23	18	122	68	90	25	....
26	53	118	112	106	23	34	130	75	82	25	....
27	58	112	112	106	0	34	130	48	82	25	....
28	58	112	112	106	*	25	150	60	25	25	....
29	58	112	112	106	—	34	150	60	25	25	....
30	46	112	112	96	....	34	136	60	25	25	....
31	35	.....	112	106	....	34	.....	68	38	....	....
Mean	55	94	105	103	55	27	83	89	76	24	13
Max.	54	118	118	123	106	42	150	150	98	38	22
Min.	35	38	90	90	0	7	25	48	25	18	0
A. F.	1870	5589	6466	6306	2945	1634	4929	6064	4695	1440	182

Area reported 8000 acres.

From River 23186 A. F.

From Tub Springs 3408 A. F.

Total water used 26594 A. F.

Per acre 3.32 A. F.

\*No record.

Area reported 7994 acres.

From River 18944 A. F.

From Spotted Tail, Dry 630 A. F.

From Spotted Tail, Wet 584 A. F.

From Tub Springs 387 A. F.

Minus Enterprise Tail Waste 2495 A. F.

Net water used 18050 A. F.

Per acre 2.26 A. F.

Enterprise Canal from North Platte River—Continued

Date	1926					1927				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	56	0	74	60	0	20	20	104	66
2	0	56	0	74	110	0	20	146	104	88
3	0	66	0	74	50	0	20	146	75	82
4	0	66	0	74	74	0	16	146	50	88
5	0	46	0	74	84	0	10	108	24	88
6	0	46	100	84	98	0	10	108	24	92
7	0	46	100	84	90	0	10	108	22	66
8	0	46	102	84	74	0	16	104	20	88
9	0	46	102	84	80	0	32	104	24	82
10	0	56	90	84	74	0	32	104	24	82
11	0	56	66	84	74	0	46	114	24	70
12	0	56	66	84	68	0	66	114	36	60
13	8	56	66	84	64	0	66	114	46	50
14	8	46	66	84	64	0	66	114	46	40
15	6	46	66	84	64	0	56	114	40	40
16	6	18	66	98	74	0	56	108	36	36
17	8	8	66	98	64	0	66	98	36	36
18	26	0	66	98	54	0	78	88	36	24
19	52	0	66	98	50	0	72	108	36	22
20	78	0	66	98	60	0	88	104	24	16
21	78	0	56	90	50	46	108	98	18	16
22	72	0	56	90	42	46	66	98	24	20
23	72	0	56	90	50	46	20	114	46	16
24	72	0	56	84	110	46	20	98	24	16
25	72	0	56	84	74	46	78	92	46	24
26	30	0	66	84	110	46	56	98	66	36
27	12	0	66	80	42	46	56	92	50	24
28	66	0	66	74	32	46	82	98	78	20
29	56	0	66	74	32	0	78	98	78	20
30	48	0	66	74	32	0	20	98	46	20
31	48	---	66	80	---	0	---	98	20	---
Mean	26	27	59	84	67	12	48	105	43	48
Max.	78	66	102	98	110	46	108	146	104	92
Min.	0	0	0	74	32	0	10	20	20	16
A. F.	1622	1618	3630	5165	3974	730	2836	6450	2631	2832

Area reported 9580 acres.  
 From River 16009 A. F.  
 From Spotted Tail, Wet 2608 A. F.  
 From Tub Springs 2283 A. F.  
 Total water used 20900 A. F.  
 Per acre 2.18 A. F.

Area reported 9184 acres.  
 From River 15479 A. F.  
 From Spotted Tail, Dry 714 A. F.  
 From Spotted Tail, Wet 2133 A. F.  
 From Tub Springs 3492 A. F.  
 Total water used 21868 A. F.  
 Per acre 2.38 A. F.

Date	1928					
	May *	June	July	Aug.	Sept.	Oct.
1	80	62	90	70	70	70
2	80	62	56	56	62	62
3	0	80	70	48	60	48
4	38	70	56	60	60	48
5	38	60	60	56	52	42
6	34	60	52	56	52	28
7	42	60	48	65	56	22
8	52	60	74	74	56	*
9	46	62	76	71	60	---
10	42	70	70	74	52	---
11	42	66	74	77	66	---
12	62	70	88	98	56	---
13	60	74	98	94	35	---
14	62	70	98	94	14	---
15	48	70	94	90	28	---
16	48	70	98	84	56	---
17	48	70	105	94	48	---
18	48	56	112	105	35	---
19	52	56	98	102	56	---
20	52	56	70	98	70	---
21	48	56	70	98	62	---
22	52	52	74	94	98	---
23	56	56	80	94	70	---
24	56	62	76	94	76	---
25	56	62	76	94	76	---
26	56	60	76	84	70	---
27	60	66	84	77	76	---
28	66	62	84	80	84	---
29	66	62	90	80	80	---
30	62	70	76	74	88	---
31	76	---	70	70	---	---
Mean	51	65	78	82	61	46
Max.	66	80	112	105	88	70
Min.	0	52	48	48	14	22
A. F.	2911	3864	4802	5020	3606	635

Area reported 6852 acres.  
 From River 20838 A. F.  
 From Spotted Tail, Wet 4369 A. F.  
 Total water used 25207 A. F.  
 Per acre 3.68 A. F.

\*No record.



**DISCHARGE IN SECOND-FEET OF ENTERPRISE CANAL**  
 Diverted from Morrill Drain, Docket 920--Date of priority March 28, 1880

Date	1921			1922			
	July	Aug.	Sept.	June	July	Aug.	Sept.
1	1	3	6	*	4.5	2.5	2.5
2	1	3	6	.....	4.5	2.5	2.5
3	1	3	6	.....	4.5	2.5	2.5
4	1	3	6	.....	4.5	2.5	2.5
5	1	3	6	.....	4.5	2.5	2.5
6	1	4	5	2.5	5.0	2.5	2.5
7	1	4	5	2.5	5.0	2.5	2.5
8	1	4	5	2.5	5.0	2.5	2.5
9	1	4	5	2.5	5.0	2.5	2.5
10	1	4	5	2.5	5.0	2.5	2.5
11	1	4	5	2.5	5.5	2.5	2.5
12	1	4	5	2.5	5.5	2.5	2.5
13	1	4	5	2.5	5.5	2.5	2.5
14	1	4	5	2.5	5.5	2.5	2.5
15	1	4	5	2.5	5.5	2.5	2.5
16	2	4	5	2.5	4.5	2.5	2.5
17	2	4	5	3.0	4.0	2.5	2.5
18	2	4	5	3.0	3.0	2.5	2.5
19	2	5	5	3.0	3.5	2.5	2.5
20	2	5	5	3.0	3.5	2.5	3.0
21	2	5	5	3.0	3.5	2.5	3.5
22	2	5	5	3.5	3.0	2.5	3.5
23	2	5	5	3.5	3.0	2.5	3.5
24	2	5	5	3.5	3.0	2.5	4.0
25	2	5	5	3.5	3.0	2.5	4.0
26	3	5	5	3.5	3.0	2.5	4.0
27	3	5	5	4.0	3.0	2.5	4.0
28	3	6	4	4.0	3.0	2.5	4.0
29	3	6	4	4.0	3.0	2.5	4.0
30	3	6	4	4.0	2.5	2.5	4.0
31	3	6	4	.....	2.5	2.5	.....
Mean	2	4	5	3.0	4.0	2.5	3.0
Max.	3	6	6	4.0	5.5	2.5	4.0
Min.	1	3	4	2.5	2.5	2.5	2.5
A. F.	105	270	301	151	249	154	176
Water used	676	A. F.		Water used 730 A. F.			

Date	1923				
	May	June	July	Aug.	Sept.
1	1.5	1.5	1.5	2.5	0.5
2	1.5	1.5	1.5	2.5	.5
3	1.0	1.5	1.5	2.5	.5
4	1.0	1.5	1.5	2.5	.5
5	1.0	1.5	1.5	2.5	.5
6	.5	1.5	1.5	3.0	.5
7	.5	1.5	1.5	3.0	.5
8	.5	1.5	1.5	3.0	.5
9	.5	1.5	1.5	3.0	.5
10	.5	1.5	1.5	3.0	.5
11	.5	1.5	1.5	3.5	.5
12	.5	1.5	1.5	3.5	.5
13	.5	1.5	1.5	3.5	.5
14	.5	1.5	1.5	3.5	.5
15	.5	1.5	1.5	4.0	.5
16	.5	1.5	1.5	3.5	.5
17	.5	1.5	1.5	3.5	.5
18	.5	1.5	1.5	3.5	.5
19	.5	1.5	1.5	3.0	.5
20	.5	1.5	1.5	2.5	.5
21	1.0	1.5	2.0	2.0	.5
22	1.0	1.5	2.0	2.0	.5
23	1.0	1.5	2.0	1.5	.5
24	1.0	1.5	2.0	1.0	.5
25	1.0	1.5	2.0	1.0	.5
26	1.5	1.5	2.0	.5	.5
27	1.5	1.5	2.0	.5	.5
28	1.5	1.5	2.0	.5	.5
29	1.5	1.5	2.0	.5	.5
30	1.5	1.5	2.0	.5	.5
31	1.5	.....	2.0	.5	.....
Mean	.9	1.5	1.7	2.3	0.5
Max.	1.5	1.5	2.0	3.5	.5
Min.	.5	1.5	1.5	.5	.5
A. F.	55	89	103	143	30
Water used	420	A. F.			

\*No record.

# HYDROGRAPHIC REPORT—1928

1107

## DISCHARGE IN SECOND-FEET OF ENTERPRISE CANAL

Diverted from Spotted Tail Creek, Dry. Docket 930—Date of priority March 28, 1889

Date	1920				1921				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	32	53	49	24	25	24	36	36
2	....	32	52	49	25	25	24	36	36
3	....	32	52	49	25	24	24	37	36
4	....	32	51	49	26	24	24	38	35
5	....	32	50	49	26	24	24	38	35
6	....	33	50	49	27	24	24	38	35
7	....	33	49	49	28	23	25	39	34
8	....	33	48	49	28	23	25	39	34
9	....	33	47	49	29	23	26	40	34
10	....	33	46	48	30	23	26	41	34
11	....	33	45	48	31	23	26	42	34
12	....	33	44	48	30	23	27	43	33
13	....	33	43	47	30	23	28	45	33
14	....	33	42	46	30	23	28	46	32
15	....	34	41	46	29	23	28	47	32
16	....	35	41	45	29	23	29	48	32
17	....	37	41	44	29	22	29	50	32
18	....	39	41	44	29	22	30	51	31
19	....	40	42	43	28	22	30	52	31
20	....	42	42	42	28	22	31	50	31
21	....	45	43	41	28	22	31	48	30
22	....	47	45	40	27	22	31	47	30
23	....	48	46	39	27	22	32	46	30
24	....	50	47	38	27	23	32	45	30
25	....	52	48	37	27	23	33	43	29
26	....	53	48	36	26	23	33	42	29
27	....	54	48	35	26	23	34	41	28
28	....	54	49	*	26	23	34	39	28
29	31	54	49	—	26	23	35	38	28
30	32	54	49	....	25	23	35	37	28
31	....	53	49	....	25	....	36	36	....
Mean	32	40	46	45	27	23	29	43	32
Max.	32	54	53	49	31	25	36	52	36
Min.	31	32	41	35	24	22	24	36	28
A. F.	125	2474	2856	2394	1688	1370	1781	2612	1904
Water used	7849	A. F.			Water used	9355	A. F.		

Date	1922				1923			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	49	51	63	14	15	59	44
2	....	48	52	62	15	14	59	45
3	....	47	53	62	15	13	59	46
4	....	47	54	67	16	12	59	47
5	20	46	55	60	16	11	59	47
6	23	45	55	60	17	11	58	48
7	28	44	56	59	17	10	58	49
8	33	44	56	59	18	9	58	50
9	37	43	57	57	19	9	58	51
10	42	42	58	56	19	12	58	52
11	46	42	58	56	20	15	58	52
12	50	41	59	56	21	18	58	53
13	55	40	60	56	22	21	58	54
14	61	40	60	*	23	23	58	55
15	60	41	61	....	24	26	58	56
16	59	41	62	....	24	30	56	57
17	58	42	63	....	25	33	54	58
18	58	42	63	....	24	35	53	58
19	57	43	63	....	23	38	52	52
20	56	43	64	....	23	41	50	46
21	56	44	65	....	22	45	49	40
22	55	45	65	....	21	48	47	33
23	54	45	65	....	20	51	46	37
24	53	46	65	....	19	52	44	38
25	53	47	65	....	19	56	43	41
26	52	47	65	....	19	59	41	43
27	52	48	65	....	18	59	40	45
28	51	48	65	....	17	59	40	47
29	50	50	64	....	16	59	41	49
30	49	50	64	....	15	59	42	51
31	....	51	64	....	....	59	43	....
Mean	49	45	60	59	19	32	52	48
Max.	61	51	65	63	25	59	59	58
Min.	20	40	51	56	14	9	40	35
A. F.	2515	2759	3713	1533	1152	1987	3205	2868
Water used	10520	A. F.			Water used	9212	A. F.	

\*No record.

Enterprise Canal from Spotted Tail, Dry—Continued

Date	1925				June
	June	July	Aug.	Sept.	
1	2.6	2.6	2.6	2.6	24
2	2.6	2.6	2.6	2.6	24
3	2.6	2.6	2.6	2.6	24
4	2.6	2.6	2.6	2.6	24
5	2.6	2.6	2.6	2.6	24
6	2.6	2.6	2.6	2.6	24
7	2.6	2.6	2.6	2.6	24
8	2.6	2.6	2.6	2.6	24
9	2.6	2.6	2.6	2.6	24
10	2.6	2.6	2.6	2.6	24
11	2.6	2.6	2.6	2.6	6
12	2.6	2.6	2.6	2.6	6
13	2.6	2.6	2.6	2.6	6
14	2.6	2.6	2.6	2.6	6
15	2.6	2.6	2.6	2.6	6
16	2.6	2.6	2.6	2.6	6
17	2.6	2.6	2.6	2.6	6
18	2.6	2.6	2.6	2.6	6
19	2.6	2.6	2.6	2.6	6
20	2.6	2.6	2.6	2.6	6
21	2.6	2.6	2.6	2.6	6
22	2.6	2.6	2.6	2.6	6
23	2.6	2.6	2.6	2.6	6
24	2.6	2.6	2.6	2.6	6
25	2.6	2.6	2.6	2.6	6
26	2.6	2.6	2.6	2.6	6
27	2.6	2.6	2.6	2.6	6
28	2.6	2.6	2.6	2.6	6
29	2.6	2.6	2.6	2.6	6
30	2.6	2.6	2.6	2.6	6
31	....	2.6	2.6	....	12
Mean	2.6	2.6	2.6	2.6	24
Max.	2.6	2.6	2.6	2.6	6
Min.	2.6	2.6	2.6	2.6	6
A. F.	155	160	160	155	714
Water used	630 A. F.				714 A. F.

DISCHARGE IN SECOND-FEET OF ENTERPRISE CANAL

Diverted from Spotted Tail Creek, Wet. Docket 920—Date of priority March 28, 1880

Date	1925				1926			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	2.4	2.4	2.4	2.4	8	11	14	10
2	2.4	2.4	2.4	2.4	8	11	14	10
3	2.4	2.4	2.4	2.4	8	11	14	10
4	2.4	2.4	2.4	2.4	8	11	14	10
5	2.4	2.4	2.4	2.4	8	11	14	10
6	2.4	2.4	2.4	2.4	8	11	14	10
7	2.4	2.4	2.4	2.4	8	11	14	10
8	2.4	2.4	2.4	2.4	8	11	14	10
9	2.4	2.4	2.4	2.4	8	11	14	10
10	2.4	2.4	2.4	2.4	8	11	14	10
11	2.4	2.4	2.4	2.4	8	11	14	10
12	2.4	2.4	2.4	2.4	8	11	14	10
13	2.4	2.4	2.4	2.4	8	11	14	10
14	2.4	2.4	2.4	2.4	8	11	14	10
15	2.4	2.4	2.4	2.4	8	11	14	10
16	2.4	2.4	2.4	2.4	8	11	14	10
17	2.4	2.4	2.4	2.4	8	11	14	10
18	2.4	2.4	2.4	2.4	8	11	14	10
19	2.4	2.4	2.4	2.4	8	11	14	10
20	2.4	2.4	2.4	2.4	8	11	14	10
21	2.4	2.4	2.4	2.4	8	11	14	10
22	2.4	2.4	2.4	2.4	8	11	14	10
23	2.4	2.4	2.4	2.4	8	11	14	10
24	2.4	2.4	2.4	2.4	8	11	14	10
25	2.4	2.4	2.4	2.4	8	11	14	10
26	2.4	2.4	2.4	2.4	8	11	14	10
27	2.4	2.4	2.4	2.4	8	11	14	10
28	2.4	2.4	2.4	2.4	8	11	14	10
29	2.4	2.4	2.4	2.4	8	11	14	10
30	2.4	2.4	2.4	2.4	8	11	14	10
31	....	2.4	2.4	....	....	11	14	....
Mean	2.4	2.4	2.4	2.4	8	11	14	10
Max.	2.4	2.4	2.4	2.4	8	11	14	10
Min.	2.4	2.4	2.4	2.4	8	11	14	10
A. F.	144	148	148	144	476	676	861	595
Water used	584 A. F.				2608 A. F.			

# HYDROGRAPHIC REPORT—1928

1109

## Enterprise Canal from Spotted Tail, Wet—Continued

Date	1927				1928				
	May	June	July	Aug.	May	June	July	Aug.	Sept.
1	*	6	13	20	8	11	18	17	17
2	.....	6	13	20	8	11	18	17	17
3	.....	6	13	20	8	11	18	17	17
4	.....	6	13	20	8	11	18	17	17
5	.....	6	13	20	8	11	18	17	17
6	.....	6	13	20	8	11	18	17	17
7	.....	6	13	20	8	11	18	17	17
8	.....	6	13	20	8	11	18	17	17
9	.....	6	13	20	8	11	18	17	17
10	.....	6	13	20	8	11	18	17	17
11	.....	6	13	12	8	11	18	17	17
12	.....	6	13	12	8	11	18	17	17
13	.....	6	13	12	8	11	18	17	17
14	.....	6	13	12	8	11	18	17	17
15	.....	6	13	12	8	11	18	17	17
16	.....	6	13	12	8	11	18	17	19
17	.....	6	13	12	8	11	18	17	19
18	.....	6	13	12	8	11	18	17	19
19	.....	6	13	12	8	11	18	17	19
20	.....	6	13	12	8	11	18	17	19
21	.....	6	13	12	8	11	18	17	19
22	.....	6	13	12	8	11	18	17	19
23	.....	6	13	12	8	11	18	17	19
24	.....	6	13	12	8	11	18	17	19
25	.....	6	13	12	8	11	18	17	19
26	.....	6	13	12	8	11	18	17	19
27	.....	6	13	12	8	11	18	17	19
28	.....	6	13	12	8	11	18	17	19
29	.....	6	13	12	8	11	18	17	19
30	.....	6	13	12	8	11	18	17	19
31	.....	6	13	12	8	.....	18	17	.....
Mean	.....	6	13	15	8	11	18	17	18
Max.	.....	6	13	20	8	11	18	17	19
Min.	.....	6	13	12	8	11	18	17	17
A. F.	131	357	799	896	492	654	1107	1045	1071
Water used	2183	A. F.			4369	A. F.			

## DISCHARGE IN SECOND-FEET OF ENTERPRISE CANAL Diverted from Stewarts Drain. Docket 920—Date of priority March 28, 1889

Date	1920				1921				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	3	4	6	2	1	2	4	2
2	.....	3	4	6	2	1	2	4	2
3	.....	3	4	5	2	1	2	4	2
4	.....	3	4	5	2	1	2	4	2
5	.....	3	4	5	2	1	2	4	2
6	.....	3	4	5	2	1	2	4	2
7	.....	3	4	5	2	1	3	4	2
8	.....	3	4	5	2	1	3	4	2
9	.....	3	4	4	2	1	3	4	2
10	.....	3	4	4	2	1	3	4	2
11	.....	3	2	4	*	1	3	4	2
12	.....	3	2	4	.....	1	3	4	2
13	.....	4	2	4	.....	1	3	4	2
14	.....	4	2	4	.....	2	3	3	2
15	.....	4	2	4	.....	2	3	3	2
16	.....	4	3	5	.....	1	2	3	2
17	.....	4	3	5	.....	1	2	3	2
18	.....	4	3	5	.....	1	2	3	3
19	.....	4	3	5	.....	1	2	3	3
20	.....	4	3	5	.....	1	2	3	3
21	.....	4	3	6	.....	1	2	4	3
22	.....	4	3	6	.....	1	2	4	3
23	.....	4	3	6	.....	1	2	4	3
24	.....	4	3	7	.....	1	2	4	3
25	.....	4	3	7	.....	1	2	4	3
26	.....	3	4	6	.....	1	2	4	3
27	.....	3	4	6	.....	1	2	4	3
28	.....	3	4	6	.....	1	2	4	3
29	.....	3	4	6	.....	1	2	4	3
30	.....	3	4	6	.....	1	2	4	3
31	.....	4	4	6	.....	1	.....	4	.....
Mean	.....	4	3	5	.....	1	2	3	2
Max.	.....	4	4	7	.....	2	2	4	3
Min.	.....	3	2	4	.....	1	1	2	2
A. F.	163	186	303	99	91	93	196	188	145
Water used	751	A. F.			713	A. F.			

\*No record.

STATE OF NEBRASKA

Enterprise Canal from Stewarts Drain—Continued

Date	1922				1923			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	3.0	3.0	3.5	3	3	4	3
2	...	3.0	3.0	3.5	3	3	4	3
3	...	3.5	3.0	3.5	3	3	4	3
4	...	3.5	3.0	3.0	3	3	4	3
5	...	3.5	3.0	3.0	3	3	4	3
6	1.5	4.0	2.5	3.0	3	3	4	3
7	1.5	4.0	2.5	3.0	3	3	4	3
8	1.5	4.0	3.5	3.0	3	3	4	3
9	1.5	4.0	3.5	2.5	3	3	4	3
10	1.5	4.0	3.5	2.5	3	3	4	3
11	1.5	4.5	4.0	2.5	3	3	4	3
12	1.5	4.5	4.0	2.5	3	3	4	3
13	1.5	4.5	4.0	2.5	3	3	4	3
14	1.5	4.5	4.0	3.0	3	3	4	3
15	1.5	4.5	4.0	3.5	3	3	4	3
16	1.5	4.0	4.0	3.5	3	3	4	3
17	1.5	3.5	4.0	4.0	3	3	4	3
18	1.5	3.5	4.0	4.5	3	3	4	3
19	2.0	3.0	4.5	4.5	3	3	4	3
20	2.0	2.5	4.5	4.0	3	3	4	3
21	2.0	2.0	4.5	4.0	3	3	4	3
22	2.0	2.0	4.5	4.0	3	3	4	3
23	2.0	2.0	4.5	4.0	3	3	4	3
24	2.5	2.0	4.5	4.0	3	3	4	3
25	2.5	2.5	4.0	4.0	3	3	4	3
26	2.5	2.5	4.0	3.5	3	3	4	3
27	2.5	2.5	4.0	*	3	3	4	3
28	2.5	2.5	4.0	...	3	3	4	3
29	3.0	2.5	4.0	...	3	3	4	3
30	3.0	2.5	3.5	...	3	3	4	3
31	...	2.5	3.4	...	3	3	4	...
Mean	1.9	3.3	3.8	3.4	3	3	4	3
Max.	3.0	4.5	4.5	4.5	3	3	4	3
Min.	1.5	2.5	3.0	2.5	3	3	4	3
A. F.	95	200	234	176	119	184	246	179
Water used 705 A. F.					Water used 728 A. F.			

DISCHARGE IN SECOND-FEET OF ENTERPRISE CANAL  
Diverted from tail waste. Docket 920—Date of priority March 28, 1889

Date	1925					
	May	June	July	Aug.	Sept.	Oct.
1	5	6	10	10	5	5
2	5	6	10	10	5	5
3	5	6	10	10	5	5
4	5	6	10	10	5	5
5	5	6	10	10	5	5
6	5	6	10	10	5	5
7	5	6	10	10	5	5
8	5	6	10	10	5	5
9	5	6	10	10	5	5
10	5	6	10	10	5	5
11	5	9	15	8	5	5
12	5	9	15	8	5	5
13	5	9	15	8	5	5
14	5	9	15	8	5	5
15	5	9	15	8	5	5
16	5	9	15	8	5	5
17	5	9	15	8	5	5
18	5	9	15	8	5	5
19	5	9	15	8	5	5
20	5	9	15	8	5	5
21	5	2	12	6	5	5
22	5	2	12	6	5	5
23	5	2	12	6	5	5
24	5	2	12	6	5	5
25	5	2	12	6	5	5
26	5	2	12	6	5	5
27	5	2	12	6	5	5
28	5	2	12	6	5	5
29	5	2	12	6	5	5
30	5	2	12	6	5	5
31	5	...	12	6	...	5
Mean	5	6	12	8	5	5
Max.	5	9	15	10	5	5
Min.	5	2	10	6	5	5
A. F.	307	337	758	488	298	307
Water wasted 2495 A. F.						

\*No record.

DISCHARGE IN SECOND-FEET OF ENTERPRISE CANAL  
 Diverted from Tub Springs. Docket 920—Date of priority March 28, 1880

Date	1920				1921					
	June	July	Aug.	Sept.	Apr.	May	June	July	Aug.	Sept.
1	*	6	0	20	*	8	5	8	28	33
2	....	6	0	20	....	8	5	9	29	33
3	....	6	0	20	....	8	5	10	29	33
4	....	6	0	20	....	8	5	10	30	33
5	....	6	0	20	....	8	5	11	31	33
6	....	7	0	20	....	9	5	12	31	32
7	....	7	0	20	....	9	5	12	32	32
8	....	7	0	20	....	9	4	13	33	32
9	1	7	0	*	....	9	4	14	33	32
10	1	7	0	....	....	9	4	14	34	32
11	1	8	0	....	....	9	4	15	35	32
12	1	8	0	....	....	8	4	15	35	32
13	1	8	2	....	....	8	4	16	36	31
14	1	8	5	....	....	8	4	17	37	31
15	1	8	13	....	....	8	4	17	37	31
16	2	7	20	....	....	8	3	18	38	31
17	2	7	23	....	....	8	3	18	39	31
18	2	7	23	....	....	7	3	19	39	31
19	2	7	23	....	....	7	3	20	40	31
20	2	7	23	....	....	7	3	20	40	30
21	4	3	22	....	....	7	3	21	39	30
22	4	3	22	....	....	7	3	22	38	30
23	4	3	21	....	....	7	3	23	38	30
24	4	3	21	....	....	7	4	23	37	30
25	4	3	21	....	....	9	7	4	24	30
26	5	0	20	....	....	9	6	5	24	30
27	5	0	20	....	....	9	6	6	25	29
28	5	0	20	....	....	9	6	6	26	29
29	5	0	20	....	....	9	6	7	26	29
30	5	0	20	....	....	9	6	7	27	29
31	....	0	20	....	....	9	6	7	27	29
Mean	3	5	12	20	9	8	4	22	35	31
Max.	5	8	23	20	9	9	7	28	40	33
Min.	1	0	0	20	9	6	3	8	28	29
A. F.	123	307	712	317	107	464	258	1378	2150	1849
Water used	1459	A. F.			Water used	6206	A. F.			

Date	1922				1923			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	15	21	22	*	20	0	0
2	....	15	20	22	....	19	0	3
3	....	15	20	22	....	18	0	9
4	....	15	20	23	....	17	0	12
5	....	15	20	23	....	16	0	15
6	12	15	20	23	....	15	0	18
7	13	15	20	23	....	14	0	21
8	13	15	20	23	....	13	0	24
9	14	15	20	23	....	12	0	27
10	14	15	20	23	....	11	0	30
11	14	15	20	23	....	10	0	33
12	14	15	20	23	....	9	0	36
13	15	15	19	23	....	8	0	39
14	15	15	19	24	....	7	0	41
15	15	15	19	24	....	6	0	44
16	15	15	19	24	....	5	0	48
17	15	15	19	24	....	4	2	48
18	15	15	19	25	....	3	4	48
19	15	15	19	25	....	2	6	48
20	15	15	19	25	....	1	8	48
21	15	15	19	25	2	0	10	44
22	15	21	19	*	4	0	12	40
23	15	21	19	....	6	0	14	36
24	15	21	19	....	8	0	18	31
25	15	21	19	....	10	0	20	26
26	15	21	20	....	12	0	21	22
27	15	21	21	....	14	0	21	18
28	15	21	22	....	16	0	21	12
29	15	21	22	....	18	0	21	8
30	15	21	22	....	20	0	21	4
31	....	21	22	....	....	0	21	....
Mean	15	17	20	23	11	7	7	28
Max.	15	21	22	25	20	20	21	48
Min.	12	15	19	22	2	0	0	0
A. F.	722	1042	1225	976	218	416	436	1652
Water used	3965	A. F.			Water used	2722	A. F.	

\*No record.

STATE OF NEBRASKA

Enterprise Canal from Tub Springs—Continued

Date	1924				1925	
	June	July	Aug.	Sept.	June	July
1	0	15	20	15	2	11
2	0	15	20	15	2	11
3	0	15	20	15	2	11
4	0	15	20	15	2	11
5	0	15	20	15	2	11
6	0	17	20	14	2	11
7	0	17	20	14	2	11
8	0	17	20	14	2	11
9	0	17	20	14	2	11
10	2	17	20	14	2	11
11	2	18	20	14	2	0
12	4	18	20	14	2	0
13	5	18	20	14	2	0
14	6	18	20	14	2	0
15	7	18	20	14	2	0
16	9	18	20	14	0	0
17	9	18	20	14	0	0
18	9	18	20	14	0	0
19	9	18	20	14	0	0
20	9	18	20	14	0	0
21	12	19	18	14	0	0
22	12	19	18	14	0	0
23	12	19	18	14	0	0
24	12	19	18	14	0	0
25	12	19	18	14	0	0
26	14	19	18	14	11	0
27	14	19	18	0	11	0
28	14	19	18	0	11	0
29	14	19	18	0	11	0
30	14	19	18	0	11	0
31	.....	19	18	.....	.....	0
Mean	7	18	19	12	3	4
Max.	14	19	20	15	11	11
Min.	0	15	18	0	0	0
A. F.	401	1089	1186	732	169	218
Water used	3408 A. F.				357 A. F.	

Date	1926				1927			
	May	June	July	Aug.	May	June	July	Aug.
1	14	0	22	16	*	16	0	25
2	14	0	22	16	.....	16	0	25
3	14	0	22	16	.....	16	0	25
4	14	0	22	16	.....	16	0	25
5	14	0	22	16	.....	16	0	25
6	14	0	22	16	.....	16	0	25
7	14	0	22	16	.....	16	0	25
8	14	0	22	16	.....	16	0	25
9	14	0	22	16	.....	16	0	25
10	14	0	22	16	.....	16	0	25
11	14	0	0	16	.....	16	0	25
12	14	0	0	16	.....	16	0	25
13	14	0	0	16	.....	16	0	25
14	14	0	0	16	.....	16	0	25
15	14	0	0	16	.....	16	0	25
16	14	0	0	16	.....	16	0	25
17	14	0	0	16	.....	16	0	25
18	14	0	0	16	.....	16	0	25
19	14	0	0	16	.....	16	0	25
20	14	0	0	16	.....	16	0	25
21	14	0	0	16	.....	16	0	25
22	14	0	0	16	.....	16	0	55
23	14	0	0	16	.....	16	0	55
24	14	0	0	16	.....	16	0	55
25	14	0	0	16	.....	16	0	55
26	14	0	0	16	.....	16	0	55
27	14	0	0	16	.....	16	0	55
28	14	0	0	16	.....	16	0	55
29	14	0	0	16	.....	16	0	55
30	14	0	0	16	.....	16	0	55
31	15	.....	0	16	.....	.....	0	55
Mean	14	0	7	16	.....	16	0	36
Max.	15	0	22	16	.....	16	0	55
Min.	14	0	0	16	.....	16	0	25
A. F.	863	0	436	984	349	952	0	2191
Water used	2233 A. F.				3492 A. F.			
*No record.								

DISCHARGE IN SECOND-FEET OF FARMERS CANAL

Diverted from Frenchman River. Docket 10—Date of Priority December 19, 1893

Date	1921					1922	
	June	July	Aug.	Sept.	Oct.	July	Aug.
1	*	9	10	8	7	*	2.0
2	....	8	0	8	14	....	5.5
3	....	8	2	8	14	....	9.5
4	....	8	12	9	14	....	10.5
5	....	8	12	10	14	....	13.5
6	....	8	12	10	14	....	2.5
7	5	8	12	10	13	....	2.0
8	5	8	12	12	14	....	1.5
9	4	8	8	11	14	....	1.5
10	3	8	8	6	15	....	3.0
11	3	8	8	6	15	....	1.0
12	3	8	8	6	13	....	1.0
13	3	8	8	6	13	....	*
14	2	8	8	6	13	....	1.0
15	3	1	5	6	13	....	.0
16	4	1	5	6	13	....	.0
17	6	1	5	7	13	....	.5
18	6	1	5	7	13	....	.0
19	6	1	5	7	13	....	.0
20	6	1	5	7	13	....	.0
21	6	1	4	9	14	....	.0
22	4	1	5	8	14	....	.0
23	4	1	5	7	15	....	1.0
24	3	1	6	8	15	....	2.5
25	2	1	6	8	*	....	.5
26	1	1	6	8	....	....	.5
27	1	1	6	8	....	....	1.0
28	1	1	6	8	....	....	2.0
29	5	1	10	8	....	....	2.0
30	10	1	8	8	....	....	2.5
31	—	1	7	....	....	....	2.5
Mean	4	4	7	8	13	1.3	4.3
Max.	10	8	12	12	15	4.0	13.5
Min.	1	1	0	6	7	.0	.5
A. F.	190	257	434	468	642	62	163

Area reported 740 acres.  
Water used 1991 A. F.  
Per acre 2.66 A. F.

Area reported 704 acres.  
Water used 165 A. F.  
Per acre 0.23 A. F.

Date	1923		
	May	June	July
1	25	0	0
2	25	0	0
3	25	0	0
4	25	0	0
5	30	0	0
6	30	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	30
12	0	0	30
13	0	0	30
14	0	0	30
15	0	0	30
16	0	0	4
17	0	0	4
18	0	0	4
19	0	0	4
20	0	0	4
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	....	0
Mean	5	0	5
Max.	30	0	30
Min.	0	0	0
A. F.	317	0	337

Area reported 874 acres.  
Water used 654 A. F.  
Per acre 0.75 A. F.  
\*No record.

Date	1924				
	May	June	July	Aug.	Sept.
1	*	14	2	0	7
2	....	14	2	0	7
3	....	14	2	0	7
4	....	14	2	0	7
5	....	14	2	0	7
6	....	14	2	0	7
7	....	14	2	0	7
8	....	14	2	0	7
9	....	14	2	0	7
10	....	14	2	0	7
11	....	14	2	0	7
12	....	14	2	0	7
13	....	14	2	0	7
14	....	14	2	0	7
15	....	14	2	0	7
16	....	14	2	0	7
17	....	14	2	0	7
18	....	14	2	0	7
19	....	14	2	0	7
20	....	14	2	0	7
21	....	14	2	0	7
22	....	14	2	0	7
23	....	14	2	0	7
24	....	14	2	0	7
25	....	14	2	0	7
26	....	14	2	0	7
27	....	14	2	0	7
28	....	14	2	0	7
29	....	14	2	0	7
30	....	14	2	0	7
31	....	14	2	0	7
Mean	13	14	2	0	7
Max.	13	14	2	0	7
Min.	13	14	2	0	7
A. F.	286	833	123	0	417

Area reported 859 acres.  
Water used 1659 A. F.  
Per acre 1.93 A. F.



Farmers Canal from Frenchman River—Continued

Date	1925						1926				
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	15.8	1.5	2.0	0.7	2.8	6.1	*	4	6	0	0
2	15.8	1.5	2.0	.7	2.8	6.1	....	4	7	0	0
3	15.8	1.5	2.0	.7	2.8	6.1	....	5	7	0	0
4	15.8	1.5	2.0	.7	2.8	6.1	....	7	7	0	0
5	15.8	1.5	2.0	.7	2.8	6.1	....	6	7	0	0
6	15.8	1.5	2.0	.7	2.8	6.1	....	6	7	0	6
7	15.8	1.5	2.0	.7	2.8	6.1	....	6	7	0	5
8	15.8	1.5	2.0	.7	2.8	6.1	....	7	7	0	5
9	15.8	1.5	2.0	.7	2.8	6.1	....	7	7	0	4
10	15.8	1.5	2.0	.7	2.8	6.1	....	7	7	3	4
11	15.8	1.5	2.0	23.5	5.1	6.1	....	7	7	6	4
12	15.8	1.5	2.0	23.5	5.1	6.1	....	6	7	5	5
13	15.8	1.5	2.0	23.5	5.1	6.1	....	0	4	5	4
14	15.8	1.5	2.0	23.5	5.1	6.1	....	0	4	1	4
15	15.8	1.5	2.0	23.5	5.1	6.1	....	0	7	4	4
16	15.8	1.5	2.0	23.5	5.1	6.1	....	4	6	6	4
17	15.8	1.5	2.0	23.5	5.1	6.1	....	3	5	5	4
18	15.8	1.5	2.0	23.5	5.1	6.1	....	0	4	5	4
19	15.8	1.5	2.0	23.5	5.1	6.1	....	1	3	5	4
20	15.8	1.5	2.0	23.5	5.1	6.1	....	2	4	5	0
21	15.8	13.4	2.0	23.5	5.1	6.1	....	5	6	6	0
22	15.8	13.4	2.0	23.5	5.1	6.1	....	4	4	5	0
23	15.8	13.4	2.0	23.5	5.1	6.1	....	5	3	5	0
24	15.8	13.4	2.0	23.5	5.1	6.1	....	5	2	4	0
25	15.8	13.4	2.0	23.5	5.1	6.1	....	5	1	5	0
26	15.8	13.4	2.0	23.5	5.1	6.1	....	4	1	4	0
27	15.8	13.4	2.0	23.5	5.1	6.1	....	5	1	4	0
28	15.8	13.4	2.0	23.5	5.1	6.1	....	4	4	3	0
29	15.8	13.4	2.0	23.5	5.1	6.1	....	5	5	4	0
30	15.8	13.4	2.0	23.5	5.1	6.1	....	5	5	4	0
31	15.8	....	2.0	23.5	....	6.1	....	4	....	4	0
Mean	15.8	5.5	2.0	16.1	4.3	6.1	....	....	5	....	....
Max.	15.8	13.4	2.0	23.5	5.1	6.1	....	7	7	3	2
Min.	15.8	1.5	2.0	.7	2.8	6.1	....	0	0	1	6
A. F.	971	325	123	992	257	375	....	28	252	311	194

Area reported 719 acres.  
Water used 3043 A. F.  
Per acre 4.23 A. F.

Area reported 855 acres.  
Water used 905 A. F.  
Per acre 1.06 A. F.

DISCHARGE IN SECOND-FEET OF FOLLETT-KROTTER CANAL

Diverted from Frenchman River. Application 705—Date of Priority April 30, 1903

Date	1921					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	27	56	59	0	34	0	19	0	0	0
2	27	56	56	0	34	0	19	0	0	0
3	27	59	59	0	34	0	15	0	0	0
4	29	62	72	0	34	0	15	0	0	0
5	29	62	51	0	34	0	15	0	0	0
6	29	62	43	0	34	0	15	0	0	0
7	29	62	40	0	34	0	15	1	0	0
8	29	59	40	34	34	0	15	1	0	0
9	29	56	35	34	34	0	12	7	0	0
10	29	53	34	34	34	0	7	15	9	0
11	29	50	34	34	34	0	7	15	21	12
12	29	45	34	34	34	0	0	19	23	7
13	29	43	34	34	34	0	0	19	48	19
14	29	38	34	34	34	0	0	19	33	40
15	33	38	34	34	34	0	0	15	21	40
16	40	38	34	34	34	0	0	15	14	35
17	45	38	34	34	34	0	0	15	7	33
18	48	38	34	34	34	0	0	15	4	33
19	51	38	34	34	34	14	27	7	3	27
20	51	38	34	34	34	14	1	1	0	33
21	51	38	34	34	34	14	0	1	0	33
22	51	38	34	34	34	14	0	1	0	33
23	51	43	34	34	34	15	0	4	0	33
24	51	48	34	34	34	19	0	11	0	33
25	51	53	34	34	34	19	0	4	0	0
26	51	59	0	34	34	9	0	4	0	0
27	51	59	0	34	*	9	0	4	0	0
28	51	45	0	34	....	9	0	4	0	0
29	51	56	0	34	....	9	0	4	0	0
30	56	56	0	34	....	15	0	4	0	0
31	56	....	0	34	....	19	....	4	0	....
Mean	40	50	32	26	34	6	6	7	6	15
Max.	56	62	72	34	34	19	27	19	48	40
Min.	27	38	0	0	34	0	0	0	0	0
A. F.	2458	2947	1982	1619	1753	365	361	408	363	869

Area reported \* acres.  
Water used 10759 A. F.  
Per acre \*.  
\*No record.

Area reported 923 acres.  
Water used 2366 A. F.  
Per acre 2.56 A. F.

Follett-Krotter Canal from Frenchman River—Continued

Date	1927				
	Apr.	May	June	July	Aug.
1	18	0	20	16	17
2	18	0	20	16	17
3	18	0	20	16	17
4	18	0	20	16	17
5	18	0	20	16	17
6	18	0	20	16	17
7	18	0	20	16	17
8	18	0	20	16	17
9	18	0	20	16	17
10	18	0	20	16	17
11	18	0	20	0	7
12	18	0	20	0	7
13	18	0	20	0	7
14	18	0	20	0	7
15	18	0	20	0	7
16	18	0	20	0	7
17	18	0	20	0	7
18	18	0	20	0	7
19	18	0	20	0	7
20	18	0	20	0	7
21	18	11	20	6	7
22	18	11	20	6	7
23	18	11	20	6	7
24	18	11	20	6	7
25	18	11	20	6	7
26	18	11	20	6	7
27	18	11	20	6	7
28	18	11	20	6	7
29	18	11	20	6	7
30	18	11	20	6	7
31	....	11	....	6	7
Mean	18	4	20	7	10
Max.	18	11	20	16	17
Min.	18	0	20	0	7
A. F.	1071	240	1190	460	628

Area reported 923 acres.  
Water used 3589 A. F.  
Per acre 3.89 A. F.

DISCHARGE IN SECOND-FEET OF FORT LARAMIE CANAL

(Gering-Fort Laramie Irrigation District)

Diverted from North Platte River. Application 768—Date of Priority September 19 1904

Date	1918					
	Apr.	May	June	July	Aug.	Sept.
1	*	133	54	260	261	170
2	....	100	54	300	261	176
3	....	*	54	300	265	183
4	....	....	54	300	269	185
5	....	....	54	316	269	183
6	....	....	100	368	269	183
7	....	110	0	368	269	185
8	....	50	0	365	269	185
9	....	50	0	390	268	185
10	....	50	51	381	233	199
11	....	50	51	380	228	*
12	....	50	100	393	214	....
13	....	50	200	394	200	....
14	115	50	200	394	189	....
15	115	50	200	394	189	....
16	115	58	175	394	189	....
17	115	81	100	394	147	....
18	86	81	200	394	186	....
19	0	81	225	394	186	....
20	0	81	225	394	186	....
21	27	81	225	394	185	....
22	94	0	150	394	186	....
23	31	0	210	394	183	....
24	0	0	210	261	185	....
25	0	0	250	261	186	....
26	34	0	225	261	189	....
27	84	36	225	261	188	....
28	*	54	225	261	187	....
29	....	54	225	261	185	....
30	....	54	225	261	185	....
31	....	54	....	261	189	....
Mean	58	56	142	340	213	184
Max.	115	150	225	394	269	199
Min.	0	0	0	260	147	176
A. F.	1618	2990	8463	20912	13081	3649

Water used 50713 A. F.  
Record furnished by U. S. Bureau  
of Reclamation.

\*No record.

Fort Laramie Canal from North Platte River—Continued

Date	1919									
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	*	41	300	300	165	160	35	35	20	
2	....	160	300	300	165	160	35	35	20	
3	....	190	308	300	165	160	35	35	20	
4	....	195	275	325	165	160	35	35	20	
5	....	169	260	325	165	160	35	35	20	
6	....	168	260	325	150	150	35	35	20	
7	....	169	260	325	150	160	35	35	20	
8	....	169	260	325	150	160	35	35	20	
9	....	169	260	325	121	135	35	35	20	
10	....	140	260	325	160	100	35	0	20	
11	....	140	270	325	160	100	35	0	20	
12	....	140	300	325	150	100	35	0	20	
13	130	140	250	325	150	100	35	35	20	
14	130	125	250	325	150	100	35	35	20	
15	130	125	250	325	150	100	35	35	20	
16	105	125	250	275	180	100	35	35	20	
17	105	125	250	275	180	100	35	35	20	
18	105	125	280	275	180	100	35	35	20	
19	105	150	280	275	180	100	35	35	20	
20	105	167	280	275	180	60	35	35	20	
21	105	167	300	275	180	60	35	35	20	
22	180	170	300	250	180	60	35	35	20	
23	152	120	300	250	180	60	35	35	20	
24	50	153	300	250	180	60	35	35	20	
25	85	153	300	250	180	60	35	35	20	
26	65	175	300	200	180	60	35	10	20	
27	0	175	300	200	160	35	35	10	20	
28	0	200	300	165	160	35	35	15	20	
29	0	250	300	165	160	35	35	15	20	
30	66	250	300	165	160	35	35	15	20	
31	....	250	....	165	160	....	35	....	20	
Mean	90	161	280	275	164	99	35	28	20	
Max.	180	250	308	325	180	160	35	35	20	
Min.	0	41	250	165	121	35	35	0	20	
A. F.	3209	9007	16667	16879	10108	5881	2152	1656	1230	

Water used 67689 A. F.  
Record furnished by U. S. Bureau of Reclamation.

Date	1920									
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	20	20	20	20	20	20	188	290	140	130
2	20	20	20	20	20	20	138	290	140	130
3	20	20	15	20	20	20	188	290	140	30
4	20	20	14	20	20	20	188	290	140	30
5	20	20	15	20	20	35	188	290	140	30
6	20	20	14	20	20	35	188	290	140	30
7	20	20	20	20	20	35	188	290	140	30
8	20	20	20	20	20	35	190	290	140	30
9	20	20	20	20	20	129	321	290	140	30
10	20	20	20	20	20	129	320	290	140	30
11	20	20	20	20	20	130	320	130	140	30
12	20	20	20	20	20	200	320	130	140	30
13	20	20	20	20	20	200	320	100	140	30
14	20	20	20	20	20	304	320	100	140	30
15	20	20	20	20	20	304	290	90	140	30
16	20	20	20	20	20	173	290	80	140	30
17	20	20	20	20	20	173	290	80	140	30
18	20	20	20	20	20	173	290	125	140	30
19	20	20	20	20	20	208	290	125	140	30
20	20	20	20	20	20	208	290	125	140	30
21	20	20	20	20	20	208	290	125	140	30
22	20	20	20	20	20	142	290	140	140	30
23	20	20	20	20	20	142	290	140	140	30
24	20	12	20	20	20	142	290	140	130	30
25	20	20	20	20	20	188	290	140	130	30
26	20	10	20	20	20	188	290	140	130	30
27	20	20	20	20	20	188	290	140	130	30
28	20	20	20	20	20	188	290	140	130	30
29	20	20	20	20	20	188	290	140	130	30
30	20	....	20	20	20	188	290	140	130	20
31	20	....	20	....	20	....	290	140	....	30
Mean	20	19	19	20	20	144	270	178	158	36
Max.	20	20	20	20	20	304	321	290	140	130
Min.	20	10	14	20	20	20	188	80	130	30
A. F.	1229	1115	1186	1190	1230	8555	16576	10929	8192	2241

Water used 52443 A. F.  
Record furnished by U. S. Bureau of Reclamation.  
\*No record.

# HYDROGRAPHIC REPORT—1928

1117

## Fort Laramie Canal from North Platte River—Continued

1921												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30	30	30	30	30	30	290	169	209	86	532	20
2	30	30	30	30	30	30	457	140	229	40	515	20
3	30	30	30	30	30	30	477	120	209	40	508	8
4	30	30	30	30	30	30	452	120	209	54	471	20
5	30	30	30	30	30	30	480	120	164	54	420	26
6	30	30	30	30	30	30	457	120	154	54	28	20
7	30	30	30	30	30	30	457	120	179	54	30	20
8	30	30	30	30	30	30	457	98	179	54	20	17
9	30	30	30	30	30	30	457	98	159	54	23	20
10	30	30	30	30	30	30	400	98	179	54	36	20
11	30	30	30	30	30	30	400	105	179	54	35	20
12	30	30	30	30	30	30	391	70	232	54	75	20
13	30	30	30	30	30	30	391	70	127	34	50	20
14	30	30	30	30	30	30	424	167	144	34	28	20
15	30	30	30	30	30	30	424	167	145	100	40	20
16	30	30	30	30	30	30	391	167	145	90	78	8
17	30	30	30	30	30	30	396	161	145	104	25	8
18	30	30	30	30	30	30	366	161	145	54	17	20
19	30	30	30	30	30	30	328	174	159	54	17	20
20	30	30	30	30	30	30	328	170	179	54	17	17
21	30	30	30	30	30	30	358	198	179	54	6	20
22	30	30	30	30	30	30	391	196	109	54	54	20
23	30	30	30	30	30	30	358	194	145	54	70	20
24	30	30	30	30	30	30	358	194	145	64	61	20
25	30	30	30	30	30	30	363	155	145	80	74	20
26	30	30	30	30	30	30	259	157	145	80	17	20
27	30	30	30	30	30	150	215	159	145	44	45	20
28	30	30	30	30	30	150	197	159	145	45	74	20
29	30	.....	30	30	30	200	188	189	145	45	64	20
30	30	.....	30	30	30	290	188	189	145	54	54	20
31	30	.....	30	.....	30	.....	188	199	.....	54	.....	20
Mean	30	30	30	30	30	52	364	149	164	58	116	19
Max.	30	30	30	30	30	290	480	199	232	104	532	26
Min.	30	30	30	30	30	30	188	70	109	40	6	8
A. F.	1844	1666	1844	1785	1844	3114	22386	9152	9755	3578	6912	1158

Water used 65038 A. F.  
Record furnished by U. S. Bureau of Reclamation.

1922												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	20	20	*	20	20	184	370	206	388	33	40	40
2	20	20	.....	20	20	178	372	201	367	57	40	40
3	20	20	.....	20	20	156	383	184	375	28	40	40
4	20	20	.....	20	20	55	366	434	375	32	40	40
5	20	20	20	20	20	55	516	281	323	30	40	40
6	20	20	20	20	20	79	407	257	326	40	40	40
7	20	20	20	20	20	174	324	159	311	40	40	35
8	20	20	20	20	20	116	364	223	316	40	40	35
9	20	20	20	20	20	116	432	278	310	40	40	35
10	20	20	20	20	205	116	390	240	274	40	40	35
11	20	20	20	20	122	116	321	285	286	40	40	35
12	20	20	20	20	57	111	325	255	310	40	40	35
13	20	20	20	20	173	266	439	380	267	40	40	35
14	20	20	20	20	187	352	541	416	306	40	40	35
15	20	20	20	20	150	352	596	354	295	40	40	35
16	20	20	20	20	131	320	616	348	310	40	40	35
17	20	20	20	20	115	313	577	381	297	40	40	35
18	20	20	20	20	150	431	608	356	292	40	40	35
19	20	20	20	20	186	365	541	356	244	40	40	35
20	20	20	20	20	205	311	582	455	214	40	40	35
21	20	20	20	20	214	354	800	356	284	40	40	35
22	20	20	20	20	104	412	717	256	266	40	40	35
23	20	20	20	20	205	561	604	351	255	40	40	35
24	20	20	20	20	185	593	571	293	251	40	40	35
25	20	20	20	20	284	482	580	273	261	40	40	35
26	20	20	20	20	214	383	405	204	198	40	40	35
27	20	20	20	20	186	583	346	242	221	40	40	35
28	20	20	20	20	199	602	330	278	240	40	40	35
29	20	.....	20	20	205	632	317	290	262	40	40	35
30	20	.....	20	20	235	684	170	291	169	40	40	35
31	20	.....	20	.....	178	.....	76	379	.....	40	.....	35
Mean	20	20	20	20	131	314	451	299	286	39	40	36
Max.	20	20	20	20	284	684	800	455	388	57	40	40
Min.	20	20	20	20	20	55	76	159	169	28	40	35
A. F.	1230	1111	1071	1190	8073	18708	27741	18371	17044	2420	2380	2212

Water used 101551 A. F.  
Record furnished by U. S. Bureau of Reclamation.  
\*No record.

Fort Laramie Canal from North Platte River—Continued

1923												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	25	25	25	25	25	190	565	440	384	125	25	25
2	25	25	25	25	25	180	565	440	384	43	25	25
3	25	25	25	25	25	180	539	472	384	58	25	25
4	25	25	25	25	25	160	620	482	379	16	25	25
5	25	25	25	25	25	151	742	490	409	15	25	25
6	25	25	25	25	25	168	780	478	426	20	25	25
7	25	25	25	25	25	168	790	442	426	43	25	25
8	25	25	25	25	25	176	791	398	358	0	25	25
9	25	25	25	25	25	117	771	397	396	0	25	25
10	25	25	25	25	25	117	752	426	376	13	25	25
11	25	25	25	25	25	130	790	426	376	23	25	25
12	25	25	25	25	25	119	799	426	342	15	25	25
13	25	25	25	25	65	135	727	426	337	18	25	25
14	25	25	25	25	97	122	687	457	353	40	25	25
15	25	25	25	25	135	0	484	469	350	8	25	25
16	25	25	25	25	76	0	505	451	350	23	25	25
17	25	25	25	25	0	0	577	469	353	0	25	25
18	25	25	25	25	117	0	588	487	371	25	25	25
19	25	25	25	25	117	0	515	469	358	25	25	25
20	25	25	25	25	211	142	443	469	267	25	25	25
21	25	25	25	25	84	171	400	469	204	25	25	25
22	25	25	25	25	702	206	445	469	189	25	25	25
23	25	25	25	25	702	194	472	444	184	25	25	25
24	25	25	25	25	105	300	472	384	184	25	25	25
25	25	25	25	25	160	328	515	483	189	25	25	25
26	25	25	25	25	130	480	504	384	205	25	25	25
27	25	25	25	25	147	299	602	384	189	25	25	25
28	25	25	25	25	160	374	598	333	189	25	25	25
29	25	25	25	25	100	529	595	431	279	25	25	25
30	25	25	25	25	150	565	552	409	125	25	25	25
31	25	25	25	25	165	84	484	444	25	25	25	25
Mean	25	25	25	25	84	190	602	440	311	26	25	25
Max.	25	25	25	25	211	565	790	450	426	125	25	25
Min.	25	25	25	25	25	0	400	333	125	0	25	25
A. F.	1537	1388	1537	1487	5183	11308	37033	27079	18476	1606	1487	1537

Water used 109649 A. F.  
Record furnished by U. S. Bureau of Reclamation.

1924										
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	20	20	25	25	25	1232	1292	1253	1125	154
2	20	20	25	25	170	1222	1151	1271	1078	107
3	20	20	25	25	189	1195	1301	1271	1089	150
4	20	20	25	25	170	1183	1291	1271	1081	155
5	20	20	25	25	209	1150	1291	1124	1088	115
6	20	20	25	25	209	1148	1289	1138	1088	*
7	20	20	25	25	240	1145	1217	1138	1218	....
8	20	20	25	25	220	1145	1247	1138	1102	....
9	20	20	25	25	160	1107	1245	1112	1102	....
10	20	20	25	25	233	1081	1233	1088	1126	....
11	20	20	25	25	710	1042	1223	1048	1114	....
12	20	20	25	25	623	1065	1233	1096	1140	....
13	20	20	25	25	590	957	1221	1088	1067	....
14	20	20	25	25	607	1069	1283	1088	1081	....
15	20	20	25	25	694	1040	1233	1100	1097	....
16	20	20	25	25	607	1093	1297	1108	1110	....
17	20	20	25	25	640	1031	1245	1108	1130	....
18	20	20	25	25	723	1112	1243	1100	1137	....
19	20	20	25	25	848	1245	1195	1083	1082	....
20	20	20	25	25	919	1283	1199	1088	1010	....
21	20	20	25	25	859	1257	1195	1116	1036	....
22	20	20	25	25	1128	1318	1195	1108	1046	....
23	20	20	25	25	1080	1310	1195	1108	941	....
24	20	20	25	25	1060	1260	1195	1108	946	....
25	20	20	25	25	1110	1375	1195	1096	946	....
26	20	20	25	25	829	1350	1195	1124	883	....
27	20	20	25	25	815	1318	1195	1132	761	....
28	20	20	25	25	883	1072	1209	1124	716	....
29	20	20	25	25	925	1325	1257	1103	645	....
30	20	20	25	25	1004	1202	1250	1112	493	....
31	20	20	25	25	906	1250	1071	1108	1108	....
Mean	20	20	25	25	625	1177	1236	1126	1016	136
Max.	20	20	25	25	1128	1375	1297	1271	1218	155
Min.	20	20	25	25	25	937	1151	1048	493	107
A. F.	1230	1150	1537	1488	38418	70041	76008	63244	60459	1351

Water used 320926 A. F.  
Record furnished by U. S. Bureau of Reclamation.

\*Gates closed.

HYDROGRAPHIC REPORT—1928

1119

Fort Laramie Canal from North Platte River—Continued  
1925

Date	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	402	240	936	1402	1095	1034	212	155	155
2	....	402	364	936	1402	1073	1034	155	144	155
3	....	402	437	936	1300	1073	1034	155	155	155
4	....	402	410	1006	1225	1004	1087	160	155	155
5	....	402	492	1022	1225	1004	1087	155	144	155
6	....	402	602	1082	1179	1004	1059	155	155	133
7	....	402	635	941	1179	1085	1034	180	149	155
8	....	402	668	760	1179	1104	1000	180	144	155
9	....	402	668	760	1179	1170	1000	180	144	155
10	....	402	725	760	1128	1170	1000	155	144	155
11	....	402	765	760	1120	1170	1000	155	155	155
12	....	285	765	590	1073	1170	1000	155	155	155
13	....	285	765	582	1128	1170	972	155	155	155
14	....	285	801	753	1234	1073	922	155	155	60
15	....	285	801	753	1284	1073	925	155	155	60
16	....	285	674	753	1343	1027	899	155	155	82
17	....	241	674	875	1299	988	899	155	155	101
18	....	241	674	975	1335	1004	901	144	160	160
19	....	241	674	1096	1335	971	901	155	155	189
20	....	241	674	1150	1340	932	901	155	155	178
21	....	211	750	1205	1339	938	846	155	160	189
22	....	241	750	1304	1290	934	773	155	105	155
23	....	196	750	1374	1226	934	773	155	141	155
24	....	196	750	1374	1260	981	773	155	155	155
25	....	156	750	1430	1260	981	773	155	155	155
26	....	156	750	1430	1282	981	773	155	155	155
27	....	138	750	1430	1292	981	773	155	155	155
28	....	196	750	1430	1243	981	773	87	155	155
29	....	196	750	1430	1216	981	309	74	155	149
30	75	186	801	1480	1170	981	185	101	155	191
31	205	.....	936	.....	1106	1034	.....	155	.....	227
Mean	140	290	677	1044	1245	1034	882	153	151	150
Max.	205	402	936	1430	1402	1170	1087	212	160	227
Min.	75	138	240	582	1073	932	185	74	141	60
A. F.	555	17242	41643	62109	76529	63604	52467	9378	8995	9251

Water used 341773 A. F.

Power plant shut down during January, February and March.

Record furnished by U. S. Bureau of Reclamation.

1926

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	214	178	166	92	496	1108	1146	1330	1409	261	101	111
2	227	178	178	92	496	1108	1309	1328	1402	199	101	111
3	227	178	178	92	496	1102	1318	1327	1456	199	111	111
4	227	178	114	92	535	1110	1357	1381	1408	199	111	41
5	227	178	91	92	629	1112	1366	1378	1369	199	111	0
6	227	178	166	92	684	1108	1407	1438	1303	275	46	111
7	227	178	178	92	680	1108	1423	1438	1301	240	0	111
8	227	178	135	92	672	1108	1441	1438	1180	259	111	111
9	227	178	103	92	677	1165	1447	1438	1089	222	111	118
10	227	178	123	92	677	1216	1333	1438	1686	253	111	107
11	227	178	104	92	677	1225	1237	1346	1077	253	111	0
12	202	178	97	92	677	1225	1230	1346	1084	253	111	76
13	178	178	64	129	677	1225	1229	1346	1094	253	46	44
14	178	166	14	202	677	1225	1229	1241	1084	253	0	77
15	178	166	56	314	677	1169	1229	1141	993	253	111	64
16	178	178	21	308	677	781	1244	1155	993	200	111	123
17	178	178	0	252	677	723	1295	1156	993	200	111	150
18	178	178	0	252	677	730	1354	1155	942	200	92	180
19	178	178	0	337	744	727	1415	1258	942	200	86	221
20	178	178	0	422	858	726	1415	1301	942	101	96	229
21	178	178	0	422	833	734	1415	1298	937	101	101	229
22	178	178	0	422	915	730	1405	1295	932	101	111	229
23	107	133	0	422	972	726	1434	1298	940	101	111	229
24	107	135	0	422	1130	792	1431	1298	940	101	111	229
25	104	155	0	422	1171	868	1429	1346	836	101	111	229
26	141	145	0	422	1251	947	1438	1346	737	101	111	229
27	153	167	19	422	1274	1027	1432	1351	737	101	41	229
28	178	178	92	422	1202	1208	1438	1400	689	101	0	229
29	178	.....	92	422	1163	1331	1389	1403	596	101	111	229
30	178	.....	92	472	1160	1351	1332	1403	393	42	111	229
31	.....	178	.....	92	1104	.....	1328	1400	.....	0	.....	229
Mean	187	172	70	253	814	1024	1351	1330	1027	175	90	153
Max.	227	178	178	472	1274	1351	1447	1438	1456	275	111	229
Min.	104	133	0	92	496	723	1146	1141	393	0	0	0
A. F.	11484	9530	4314	15054	50071	60923	83099	81752	61110	10745	5371	9431

Water used 402834 A. F.

Record furnished by U. S. Bureau of Reclamation.

\*No record.

## STATE OF NEBRASKA

## Fort Laramie Canal from North Platte River—Continued

1927												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	229	214	0	0	211	807	1315	1236	1305	50	0	0
2	220	214	25	0	266	807	1210	1200	1305	0	0	0
3	220	214	12	0	335	809	1210	1091	1255	0	0	0
4	229	214	0	185	378	820	1218	1082	1255	50	0	0
5	189	122	0	202	378	815	1218	1100	1305	50	0	100
6	177	214	0	202	378	815	1210	1082	1305	50	0	81
7	177	214	0	178	378	854	1218	1091	1305	50	0	178
8	177	214	0	178	366	892	1275	888	1305	50	0	154
9	154	214	0	178	298	892	1237	876	1305	63	0	138
10	154	214	0	178	209	916	1375	876	1210	75	0	122
11	154	214	0	178	248	982	1425	876	1150	0	0	122
12	154	122	0	178	298	1060	1475	936	1046	0	0	122
13	154	168	0	178	366	1130	1520	924	1046	0	0	122
14	154	214	0	178	355	1130	1520	924	1046	0	0	122
15	154	214	0	178	355	1210	1520	936	946	0	0	122
16	154	214	0	178	366	1201	1520	936	946	0	0	122
17	154	214	0	155	355	1196	1520	1046	946	0	0	122
18	154	214	0	155	355	1201	1520	1140	946	0	0	112
19	154	122	0	155	366	1201	1520	1218	1026	0	0	96
20	154	168	0	155	355	1201	1520	1218	1026	0	0	101
21	154	214	0	155	401	1201	1520	1200	1026	0	0	73
22	154	214	0	155	413	1201	1520	1315	1026	0	0	73
23	154	214	0	142	425	1201	1520	1375	1016	0	0	73
24	154	214	0	155	463	1201	1520	1335	924	0	0	111
25	154	214	0	155	471	1249	1520	1365	924	0	0	101
26	154	122	0	155	471	1353	1520	1365	724	0	0	111
27	154	168	0	155	505	1438	1520	1355	562	0	0	111
28	154	0	0	155	539	1438	1475	1310	562	0	0	154
29	154	0	0	155	513	1308	1410	1305	0	0	0	154
30	154	0	0	155	573	1315	1410	1305	50	0	0	127
31	214	0	0	727	727	1365	1305	0	0	0	0	90
Mean	168	188	1	151	391	1095	1418	1136	993	14	0	100
Max.	229	214	25	202	727	1438	1520	1375	1305	75	0	178
Min.	154	0	0	0	209	807	1210	876	0	0	0	0
A. F.	10354	10457	73	8977	24034	65146	87162	69841	59094	869	0	6177

Water used 342184 A. F. for power and irrigation.  
Record furnished by U. S. Bureau of Reclamation.

1928												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	154	14	*	*	539	1207	677	1355	1550	509	*	*
2	138	10	.....	.....	539	1210	841	1355	1540	451	.....	.....
3	154	33	.....	.....	539	1210	924	1355	1550	370	.....	.....
4	154	56	.....	.....	539	986	1120	1255	1540	125	.....	.....
5	154	14	.....	.....	539	888	1361	1245	1540	125	.....	.....
6	138	*	.....	.....	539	888	1465	1245	1540	125	.....	.....
7	122	.....	.....	.....	585	888	1530	1355	1540	100	.....	.....
8	106	.....	.....	.....	631	883	1526	1410	1540	97	.....	.....
9	92	.....	.....	.....	631	876	1530	1465	1545	94	.....	.....
10	101	.....	.....	.....	671	881	1530	1465	1540	*	.....	.....
11	112	.....	.....	.....	718	885	1530	1467	1540	.....	.....	.....
12	102	.....	.....	.....	736	888	1530	1490	1490	.....	.....	.....
13	73	.....	.....	.....	736	841	1530	1490	1480	.....	.....	.....
14	64	.....	.....	.....	736	841	1530	1530	1480	.....	.....	.....
15	48	.....	.....	.....	638	841	1530	1530	1305	.....	.....	.....
16	0	14	.....	.....	682	841	1530	1530	1305	.....	.....	.....
17	38	30	.....	.....	682	841	1530	1540	1305	.....	.....	.....
18	74	10	.....	.....	682	841	1480	1540	1397	.....	.....	.....
19	63	*	.....	.....	682	841	1345	1550	1410	.....	.....	.....
20	98	.....	.....	.....	682	841	1245	1550	1397	.....	.....	.....
21	100	.....	.....	.....	682	936	1026	1550	1275	.....	.....	.....
22	107	.....	.....	.....	682	936	1130	1550	1170	.....	.....	.....
23	56	.....	.....	.....	731	936	1130	1550	1170	.....	.....	.....
24	97	.....	.....	.....	781	936	1130	1550	1064	.....	.....	.....
25	103	.....	.....	.....	789	936	1026	1540	1064	.....	.....	.....
26	91	.....	.....	412	858	828	1026	1540	1064	.....	.....	.....
27	94	.....	.....	470	888	840	1026	1540	1064	.....	.....	.....
28	103	.....	.....	475	945	677	1026	1540	1064	.....	.....	.....
29	87	.....	.....	527	1046	677	1026	1540	966	.....	.....	.....
30	62	.....	.....	533	1110	677	1026	1540	562	.....	.....	.....
31	14	.....	.....	.....	1198	.....	1130	1540	.....	.....	.....	.....
Mean	94	23	.....	483	724	893	1258	1474	1333	222	.....	.....
Max.	154	56	.....	533	1198	1210	1530	1550	1550	509	.....	.....
Min.	0	10	.....	412	539	677	1245	562	94	.....	.....	.....
A. F.	5750	360	.....	4795	44500	53150	77330	90650	79335	3960	.....	.....

Water used 359830 A. F.  
Record furnished by U. S. Bureau of Reclamation.  
\*No record.

DISCHARGE IN SECOND-FEET OF GERING CANAL

Diverted from North Platte River. Application 35—Date of Priority March 15, 1897

Date	1916				1917					
	May	June	July	Aug.	May	June	July	Aug.	Sept.	Oct.
1	*	81	186	80	*	*	162	198	162	102
2	....	105	186	96	....	....	162	198	128	102
3	....	105	163	152	....	....	162	198	132	102
4	....	105	*	152	....	....	166	198	136	102
5	....	105	186	152	....	....	170	198	128	102
6	....	105	163	152	....	....	170	198	190	102
7	....	123	163	152	....	....	170	198	190	102
8	....	123	198	152	....	....	170	198	190	102
9	123	123	210	152	....	52	170	198	190	96
10	96	123	142	157	....	52	190	198	190	80
11	105	123	142	152	....	52	190	198	226	80
12	105	123	142	152	....	121	190	198	190	73
13	105	57	142	152	....	131	190	195	190	66
14	80	57	142	157	....	141	190	195	190	52
15	80	57	152	157	....	141	190	195	185	40
16	80	57	*	168	....	141	190	195	190	52
17	80	57	152	210	112	141	190	195	185	52
18	*	57	142	210	....	141	190	190	185	46
19	80	57	152	210	....	141	190	190	185	46
20	*	57	123	210	....	141	190	190	185	*
21	....	57	123	210	....	141	190	190	185	....
22	....	57	123	210	....	141	193	190	185	....
23	88	57	123	210	....	141	186	190	185	....
24	80	*	113	205	....	141	185	190	185	....
25	80	84	113	210	....	141	190	190	185	....
26	80	132	113	210	....	141	190	190	185	....
27	87	132	113	210	....	141	195	190	150	....
28	81	152	152	210	118	162	195	190	136	....
29	81	152	152	210	....	*	162	195	180	108
30	81	163	152	186	....	162	198	170	102	....
31	81	....	*	186	....	....	198	52	....	....
Mean	88	96	149	175	115	130	185	188	172	79
Max.	123	163	210	210	118	162	198	198	296	102
Min.	80	57	113	80	112	52	162	52	102	40
A. F.	3318	5525	8255	10772	456	5689	11360	11590	10221	2973

Area reported 14450 acres.

Water used 27870 A. F.

Per acre 1.93 A. F.

Area reported 14450 acres.

Water used 42289 A. F.

Per acre 2.93 A. F.

Date	1918						1919			
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.
1	*	66	180	210	210	78	*	270	118	130
2	....	44	180	210	255	78	....	208	160	128
3	....	57	180	210	210	78	....	232	220	128
4	....	57	180	210	210	78	....	220	113	125
5	....	100	200	210	210	78	34	232	103	128
6	....	146	200	210	210	78	85	196	146	128
7	....	146	200	210	210	78	208	196	146	130
8	....	146	200	210	210	78	232	238	178	130
9	....	146	200	210	210	78	240	256	220	130
10	....	146	200	210	210	78	244	244	220	130
11	....	146	210	210	210	78	233	231	226	130
12	....	163	210	210	146	78	246	220	220	*
13	....	180	210	210	146	78	244	220	220	....
14	....	180	210	200	146	78	232	220	220	....
15	....	180	210	190	146	78	226	196	202	....
16	....	180	210	200	146	78	250	202	178	....
17	....	180	210	200	146	78	244	196	171	....
18	....	146	210	200	146	78	226	196	174	....
19	....	168	210	200	146	78	220	208	171	....
20	....	168	210	200	146	78	244	171	171	....
21	....	180	200	200	146	78	220	178	171	....
22	35	180	210	200	146	78	220	184	171	....
23	35	180	210	200	146	78	220	186	166	....
24	35	180	210	200	108	62	214	187	134	....
25	45	180	210	200	108	62	214	184	134	....
26	48	180	210	200	108	45	214	192	134	....
27	48	180	210	200	108	45	220	187	134	....
28	53	180	210	210	108	45	214	184	134	....
29	53	180	210	210	78	42	220	184	134	....
30	71	180	210	210	78	48	244	184	134	....
31	71	....	210	210	....	45	....	184	134	....
Mean	49	151	204	205	160	71	216	206	166	129
Max.	71	180	210	210	255	78	250	270	226	130
Min.	35	44	180	190	78	42	34	171	103	125
A. F.	980	9003	12536	12615	9527	4340	11123	12666	10228	2810

Area reported 14647 acres.

Water used 49001 A. F.

Per acre 3.35 A. F.

\*No record.

Area reported 14315 acres.

Water used 36827 A. F.

Per acre 2.57 A. F.



Gering Canal from North Platte River—Continued

Date	1920				1921					Oct.
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	50	130	228	99	130	220	245	198	216	186
2	50	130	228	99	130	230	245	298	226	166
3	50	130	228	99	130	230	240	195	236	115
4	50	130	228	99	140	230	240	195	216	120
5	50	130	228	99	140	240	240	180	216	156
6	124	130	228	99	140	240	235	180	226	156
7	124	130	228	99	150	250	235	180	206	156
8	124	130	228	99	155	260	236	174	197	166
9	124	130	228	99	160	260	230	174	197	*
10	124	130	228	99	160	260	230	174	176	....
11	124	130	228	99	181	260	230	175	78	....
12	124	130	228	99	181	265	227	180	116	....
13	124	130	228	99	181	268	227	200	176	....
14	124	130	228	99	185	272	227	200	166	....
15	124	130	228	99	185	270	225	210	166	....
16	140	130	228	99	185	270	225	210	166	....
17	140	130	228	99	185	265	225	220	156	....
18	140	130	228	99	190	265	220	220	206	....
19	140	130	228	99	190	260	220	220	206	....
20	140	130	228	99	190	260	220	236	206	....
21	140	268	185	188	190	250	210	236	206	....
22	140	268	185	188	200	250	210	236	206	....
23	140	268	185	188	200	250	210	236	206	....
24	140	268	185	188	200	250	210	236	206	....
25	140	268	185	188	200	250	205	236	206	....
26	140	268	185	178	200	250	205	206	186	....
27	140	268	185	178	200	245	200	176	186	....
28	140	268	185	178	210	245	200	176	186	....
29	140	268	185	178	210	245	201	166	186	....
30	140	268	185	178	210	245	200	197	186	....
31	....	268	185	....	210	....	200	216	....	....
Mean	120	179	213	127	178	252	222	204	190	151
Max.	140	268	228	188	210	272	245	236	236	186
Min.	50	130	185	99	130	220	200	166	78	115
A. F.	7121	11004	13081	7555	10945	14985	13629	12564	11334	2402

Area reported 14870 acres.  
Water used 33761 A. F.  
Per acre 2.61 A. F.

Area reported 14150 acres.  
Water used 65859 A. F.  
Per acre 4.65 A. F.

19262 A. F. lost between headgate and bad lands, or 1.36 A. F. per acre.

Date	1922					1923				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	153	246	167	218	*	100	270	134	262
2	....	154	254	164	218	....	100	270	134	262
3	....	154	260	156	218	....	100	270	134	262
4	....	137	258	148	218	....	100	270	134	262
5	....	120	256	140	218	....	100	270	134	262
6	....	130	252	136	218	....	268	270	112	262
7	....	140	248	234	188	....	268	270	112	262
8	....	176	244	156	164	....	268	270	112	262
9	....	192	244	176	140	....	268	270	112	262
10	....	200	245	194	120	....	268	270	112	262
11	....	220	236	208	107	....	244	232	112	220
12	....	224	230	221	118	....	244	232	112	220
13	....	245	224	236	134	....	244	232	112	220
14	....	240	225	245	152	....	244	232	112	220
15	....	236	226	245	170	....	244	232	112	220
16	....	232	226	245	192	....	190	244	104	124
17	....	230	227	245	216	....	190	244	104	124
18	....	228	228	245	246	....	190	244	104	124
19	....	222	229	245	116	....	190	244	104	124
20	....	220	230	245	131	....	190	244	104	124
21	....	218	215	245	140	....	190	166	94	76
22	....	216	200	266	154	....	190	166	94	76
23	....	210	197	288	172	....	190	166	94	76
24	146	208	195	278	184	....	190	166	94	76
25	147	204	193	268	212	....	190	166	94	76
26	148	200	192	260	220	44	280	166	268	76
27	148	214	188	242	208	44	280	166	268	76
28	150	230	185	222	*	44	280	166	268	76
29	150	230	185	222	....	44	280	166	268	76
30	151	238	184	226	....	44	280	166	268	76
31	152	....	184	219	....	44	....	166	268	....
Mean	149	201	223	219	1.7	44	212	223	142	170
Max.	152	245	270	288	246	44	280	270	268	262
Min.	146	120	184	136	107	44	100	166	94	76
A. F.	2364	11940	13695	13447	9504	523	12615	13695	8701	10113

Area reported 14629 acres.  
Water used 50950 A. F.  
Per acre 3.48 A. F.  
\*No record.

Area reported 14718 acres.  
Water used 45650 A. F.  
Per acre 3.10 A. F.

# HYDROGRAPHIC REPORT—1928

1123

## Gering Canal from North Platte River—Continued

Date	1924					1925				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	96	156	170	160	73	180	180	216	180
2	0	96	165	170	160	73	180	180	216	180
3	0	96	163	170	160	73	180	180	216	180
4	0	96	161	170	160	73	180	180	216	180
5	0	96	169	170	160	73	180	180	216	180
6	0	96	158	138	155	73	180	180	216	152
7	0	96	158	138	155	73	180	180	216	152
8	0	116	157	138	155	73	180	180	216	152
9	0	136	155	138	155	73	180	180	216	152
10	0	136	152	138	155	73	180	180	216	152
11	0	136	150	158	66	90	0	142	188	152
12	0	136	150	158	66	90	0	142	188	152
13	0	136	150	158	66	90	0	142	188	152
14	0	136	150	158	66	90	0	142	188	152
15	0	136	150	158	66	90	0	142	188	152
16	0	136	142	158	66	90	180	216	188	142
17	0	136	142	158	66	90	180	200	188	142
18	0	136	142	158	66	90	180	175	188	142
19	25	130	142	158	66	90	180	460	188	142
20	25	130	142	158	66	90	180	156	188	142
21	76	130	158	170	66	38	166	160	204	44
22	76	124	158	170	66	38	166	160	204	44
23	76	120	158	170	66	38	166	160	204	44
24	76	116	158	170	66	38	166	160	204	44
25	76	112	158	170	66	38	166	160	204	44
26	92	108	143	167	66	133	166	170	204	38
27	92	104	143	167	66	133	166	170	204	38
28	92	116	143	167	66	133	166	170	204	38
29	92	128	143	167	66	133	166	170	204	38
30	92	140	143	167	66	133	166	170	204	38
31	92	....	143	167	—	133	....	170	204	....
Mean	32	120	152	160	97	84	145	179	203	118
Max.	92	140	169	170	160	133	180	460	216	180
Min.	0	96	142	138	66	38	0	142	188	38
A. F.	1948	7153	9324	9859	5741	5193	8648	10983	12464	7022

Area reported 14718 acres.  
Water used 34025 A. F.  
Per acre 2.31 A. F.

Area reported 14373 acres.  
Water used 44310 A. F.  
Per acre 3.08 A. F.

Date	1926					1927				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	8	120	184	170	188	0	40	160	184	218
2	8	120	184	170	188	0	40	160	184	218
3	8	120	184	170	188	0	66	160	218	218
4	8	120	184	170	188	0	110	160	218	218
5	8	120	184	170	188	0	110	160	218	218
6	8	170	184	170	162	0	110	100	218	218
7	8	170	184	170	162	0	110	100	218	218
8	8	170	184	170	162	0	110	110	218	218
9	8	170	184	170	162	0	110	130	218	218
10	8	170	184	170	162	0	150	184	218	218
11	14	170	170	184	136	0	150	206	218	218
12	14	170	170	184	136	0	150	206	218	218
13	14	170	170	184	136	0	150	218	218	*
14	14	170	170	184	136	0	150	206	218	....
15	14	170	170	184	136	0	150	218	218	....
16	70	12	170	184	88	0	110	218	218	....
17	70	12	170	184	88	0	110	218	218	....
18	70	12	170	184	88	0	110	230	218	....
19	70	12	170	184	88	0	110	230	218	....
20	70	12	170	184	88	0	110	218	218	....
21	70	56	170	190	94	0	100	230	218	....
22	70	56	170	190	94	0	100	230	218	....
23	70	56	170	190	94	0	100	230	218	....
24	70	56	170	190	94	0	100	218	218	....
25	70	56	170	190	94	45	100	218	218	....
26	154	56	162	190	70	40	150	218	218	....
27	154	56	162	190	70	30	150	218	218	....
28	154	56	162	190	70	20	150	218	218	....
29	154	56	162	190	70	15	150	218	218	....
30	154	56	162	190	70	10	150	206	218	....
31	154	....	162	190	—	10	....	206	218	....
Mean	57	97	173	182	123	5	117	194	216	218
Max.	154	170	184	190	188	45	150	230	218	218
Min.	8	12	162	170	70	0	40	100	184	218
A. F.	3518	5790	10635	11167	7317	337	6952	11905	13269	5188

Area reported 14373 acres.  
Water used 38427 A. F.  
Per acre 2.67 A. F.  
\*No record.

Area reported 14317 acres.  
Water used 37651 A. F.  
Per acre 2.63 A. F.

Gering Canal from North Platte River—Continued  
1928

Date	May	June	July	Aug.	Sept.	Oct.
1	80	214	214	154	246	200
2	80	220	210	154	240	200
3	80	214	208	218	236	190
4	80	224	208	200	236	172
5	80	220	214	224	222	172
6	80	208	214	227	227	162
7	80	214	214	227	236	162
8	80	208	200	218	240	162
9	80	208	236	246	246	162
10	80	200	190	246	236	162
11	80	208	228	222	246	89
12	80	208	62	236	240	89
13	80	224	246	246	250	89
14	80	208	246	246	246	89
15	80	200	236	246	246	89
16	80	208	236	246	218	89
17	80	208	246	236	222	89
18	80	210	*0	246	236	89
19	80	200	214	246	208	89
20	80	214	62	250	240	89
21	85	208	0	250	246	89
22	80	214	0	246	214	§
23	100	214	0	250	246	.....
24	126	214	0	236	214	.....
25	126	214	0	246	190	.....
26	182	172	0	240	182	.....
27	214	214	0	†236	200	.....
28	214	214	0	154	186	.....
29	214	219	0	154	172	.....
30	214	219	0	200	182	.....
31	214	.....	62	246	.....	.....
Mean	109	211	127	226	222	190
Max.	214	224	246	250	250	200
Min.	80	172	0	154	172	0
A. F.	6682	12583	7817	13865	13386	5400

Area reported 14317 acres.  
Water used 59683 A. F.  
Per acre 4.17 A. F.

DISCHARGE IN SECOND-FEET OF GERING CANAL AT BAD LANDS  
Section 28, Twp. 22, Rge. 55 W. Application 305—Date of Priority March 15, 1897

Date	1920					1921				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	§	120	150	98	150	110	172	150	116	171
2	.....	120	147	96	144	106	175	135	124	168
3	.....	126	122	98	148	114	174	135	135	86
4	.....	130	138	101	142	90	177	126	138	86
5	.....	132	138	104	148	96	175	114	178	120
6	.....	135	138	110	152	106	170	104	173	116
7	.....	136	138	120	156	106	173	114	175	116
8	.....	143	125	130	150	96	171	130	176	116
9	.....	140	153	150	146	92	164	140	176	103
10	.....	147	126	152	150	76	170	166	168	86
11	120	156	147	§	162	72	175	168	158	86
12	120	126	150	.....	166	72	176	168	150	§
13	120	81	147	.....	164	72	176	108	156	.....
14	126	81	126	.....	168	80	175	168	156	.....
15	138	110	145	.....	166	78	175	170	158	.....
16	140	§	150	.....	164	92	176	170	160	.....
17	145	.....	150	.....	168	92	177	171	158	.....
18	140	.....	145	.....	168	114	175	86	130	.....
19	140	.....	123	.....	154	114	173	170	142	.....
20	130	.....	125	.....	142	106	172	174	103	.....
21	130	.....	150	.....	154	140	174	176	124	.....
22	126	.....	148	.....	154	154	174	172	126	.....
23	126	.....	150	.....	152	142	176	171	130	.....
24	126	.....	145	.....	154	162	178	171	126	.....
25	125	.....	147	.....	124	158	176	150	135	.....
26	126	.....	147	.....	16	150	168	152	126	.....
27	126	.....	148	.....	130	168	176	150	158	.....
28	126	.....	152	.....	126	168	176	82	170	.....
29	126	.....	160	.....	120	176	176	120	174	.....
30	125	.....	162	.....	114	172	173	103	171	.....
31	.....	.....	162	.....	124	.....	168	103	.....	.....
Mean	129	126	144	116	144	116	174	142	149	114
Max.	145	156	162	152	168	176	178	176	178	171
Min.	120	81	122	96	16	72	164	82	103	86
A. F.	5118	3734	8832	2298	8876	6889	10683	8759	8866	2487

Area reported 14870 acres.  
Water used 19982 A. F.  
Per acre 1.34 A. F.

Area reported 14150 acres.  
Water used 46560 A. F.  
Per acre 3.29 A. F.

\*Break in canal. †Flow reduced by State Hydrographer to G. H. 2.15 to supply senior appropriations. §No record.

# HYDROGRAPHIC REPORT—1928

1125

## DISCHARGE IN SECOND-FEET OF GOTHENBURG DIVERSION CANAL Diverted from Platte River. Docket 645a—Date of Priority July 5, 1890

1919					
Date	June	July	Aug.	Sept.	Oct.
1	*	48	38	96	156
2	....	48	100	72	156
3	....	64	125	72	156
4	42	64	125	48	156
5	48	64	136	36	168
6	48	64	136	36	168
7	42	64	136	36	168
8	42	64	156	32	168
9	52	64	156	32	168
10	56	56	156	26	168
11	56	42	136	26	168
12	56	38	156	64	168
13	56	38	156	156	168
14	56	46	146	146	168
15	48	47	146	151	168
16	48	40	136	156	168
17	48	34	106	170	168
18	48	38	88	168	168
19	48	60	116	156	156
20	48	126	116	140	168
21	36	126	60	136	168
22	48	48	56	140	168
23	48	48	48	110	168
24	48	48	52	100	100
25	48	48	40	88	156
26	48	48	42	88	156
27	48	38	56	106	156
28	48	34	90	96	156
29	48	28	110	126	156
30	48	22	100	156	168
31	....	22	88	....	168
Mean	49	52	107	99	162
Max.	56	126	156	170	168
Min.	36	22	38	26	100
A. F.	2598	3211	6561	5881	9957
Water used	28208	A. F.			

1921												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	70	79	84	90	142	161	173	196	161	172	169	153
2	70	79	84	90	144	161	173	193	161	172	169	152
3	70	79	84	92	146	161	173	190	161	172	168	152
4	70	79	84	94	147	162	174	187	162	173	168	152
5	70	79	84	96	148	162	174	184	162	173	167	151
6	72	80	85	98	150	162	174	182	162	174	167	150
7	72	80	85	100	151	163	175	179	163	174	166	149
8	72	80	85	101	151	163	175	176	163	174	166	149
9	72	80	85	102	152	164	175	173	163	175	165	148
10	72	80	85	104	152	164	176	170	164	175	165	148
11	74	80	86	106	152	164	176	167	164	175	164	148
12	74	80	86	108	152	165	178	164	164	176	164	147
13	74	80	86	110	153	165	179	160	165	176	163	146
14	74	80	86	111	153	166	180	158	165	176	162	145
15	74	80	86	113	154	166	182	154	166	177	161	144
16	75	82	87	115	154	166	183	155	166	177	161	144
17	75	82	87	117	154	167	184	155	167	178	160	144
18	75	82	87	119	155	167	186	155	167	178	160	143
19	75	82	87	120	155	168	187	156	167	177	159	143
20	75	82	87	122	156	168	188	156	168	177	159	142
21	76	82	88	124	156	168	190	156	168	176	159	142
22	76	82	88	126	156	169	191	157	168	176	158	141
23	76	82	88	128	157	169	193	157	168	175	158	141
24	76	82	88	130	157	170	194	157	169	174	157	140
25	76	82	88	132	158	170	195	158	169	173	156	139
26	78	83	89	133	158	170	197	158	170	173	156	139
27	78	83	89	134	159	171	198	158	170	172	155	138
28	78	83	89	136	159	171	200	159	170	172	155	137
29	78	....	89	138	160	172	201	159	171	172	154	136
30	78	....	89	140	160	172	202	160	171	171	153	136
31	78	....	90	....	160	....	200	160	....	170	....	136
Mean	74	81	87	114	154	166	185	166	166	174	161	144
Max.	78	83	90	140	160	172	202	196	171	178	169	153
Min.	70	79	84	90	142	161	173	154	161	170	153	136
A. F.	4568	4491	5326	6801	9443	9892	11359	10213	9868	10721	9608	8876
Water used	101166	A. F.										

\*No record.

## STATE OF NEBRASKA

## Gothenburg Diversion Canal from Platte River—Continued

Date	1922											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	136	105	74	47	55	66	148	190	170	152	106	85
2	134	104	73	46	55	67	144	189	164	150	104	88
3	134	103	72	45	56	67	140	189	154	148	102	89
4	132	102	71	44	56	67	136	189	148	146	102	90
5	131	101	70	44	56	68	132	189	141	144	101	91
6	130	100	69	45	57	80	129	189	135	142	100	92
7	130	99	68	46	57	90	128	188	139	140	98	93
8	129	98	67	45	57	100	127	188	142	140	96	94
9	128	97	67	46	58	110	129	180	145	138	95	95
10	127	96	66	46	58	120	132	160	148	138	94	96
11	126	95	66	47	58	130	136	147	152	135	92	97
12	125	94	65	47	58	140	140	166	156	132	90	98
13	124	93	65	48	59	150	144	151	150	131	89	99
14	123	92	64	49	59	160	148	153	164	130	88	100
15	121	91	63	50	59	170	152	156	168	128	87	101
16	120	90	62	50	60	180	156	158	170	124	86	102
17	119	89	61	51	60	190	160	160	172	123	84	103
18	118	88	60	51	61	200	164	162	175	122	82	104
19	117	87	60	52	61	210	168	164	174	121	81	106
20	116	86	59	52	61	220	172	166	173	120	80	107
21	115	85	58	52	62	233	176	168	172	118	79	108
22	114	84	57	53	62	218	180	170	171	116	78	109
23	113	83	56	53	63	202	182	172	170	114	78	100
24	112	82	55	53	63	175	184	174	170	112	78	111
25	111	81	54	54	64	172	186	176	168	110	79	112
26	110	80	53	54	64	168	187	178	166	109	80	113
27	109	79	52	54	65	164	188	180	164	108	81	114
28	108	78	51	54	65	160	190	182	162	107	82	115
29	107	—	50	55	66	156	190	184	160	107	83	116
30	106	—	50	55	66	152	190	188	157	106	85	117
31	106	—	47	—	66	—	190	178	—	106	—	118
Mean	120	92	61	50	60	146	159	174	160	128	89	102
Max.	136	105	74	55	66	233	190	190	175	152	106	118
Min.	106	78	47	44	55	66	127	147	135	106	78	85
A. F.	7400	5082	3779	2951	3703	8698	9775	10679	9521	7888	5276	6274
Water used	81026 A. F.											

1923

Date	1923											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	118	71	51	77	53	70	107	84	52	125	60	80
2	118	69	52	76	52	74	107	80	43	125	70	80
3	118	66	54	76	50	76	107	76	37	125	80	80
4	118	63	55	76	49	78	107	73	29	125	90	80
5	118	61	57	75	47	81	108	69	21	125	93	80
6	118	57	58	75	46	83	108	65	14	125	93	80
7	118	54	59	74	45	85	108	62	9	125	93	80
8	118	50	60	74	43	87	108	59	25	125	93	80
9	118	45	61	73	42	88	108	55	45	125	93	80
10	118	36	62	73	40	90	109	61	60	125	93	80
11	116	37	63	72	39	92	109	68	80	100	93	90
12	114	37	64	72	37	93	109	73	100	100	93	90
13	112	38	65	70	35	95	109	77	115	100	93	90
14	110	38	65	70	34	97	109	77	140	100	69	90
15	107	38	66	69	33	98	109	78	140	100	69	90
16	105	40	67	68	30	99	110	78	139	100	69	90
17	103	41	68	67	28	100	110	78	138	100	69	90
18	101	42	69	67	26	101	110	78	137	110	69	90
19	100	42	70	66	25	102	110	79	136	115	69	90
20	97	44	71	65	27	103	110	79	135	124	69	90
21	95	45	72	64	31	104	110	79	134	124	69	98
22	93	45	73	63	35	104	110	79	133	124	69	98
23	91	46	74	62	40	104	110	79	132	124	69	98
24	89	47	75	61	43	105	110	79	131	124	69	98
25	87	48	76	60	47	105	110	80	130	124	69	98
26	85	49	77	59	51	106	110	80	128	120	81	98
27	83	50	77	58	55	106	110	80	127	115	81	98
28	81	51	77	57	58	106	110	80	126	110	81	98
29	78	—	77	56	62	106	110	76	125	105	81	98
30	76	—	77	54	65	107	91	68	124	100	81	98
31	74	—	77	—	68	—	88	60	—	95	—	98
Mean	102	48	67	68	43	95	108	74	96	115	79	90
Max.	118	71	77	77	68	107	110	84	140	125	93	98
Min.	74	36	51	54	25	70	88	55	9	95	60	80
A. F.	6301	2678	4104	4025	2650	5643	6627	4540	5722	7069	4701	5510
Water used	59570 A. F.											

# HYDROGRAPHIC REPORT—1928

1127

## Gothenburg Diversion Canal from Platte River—Continued

Date	1924											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	98	98	84	90	124	91	140	168	201	200	0	0
2	98	98	84	90	124	91	140	168	201	200	0	0
3	98	98	84	90	124	91	140	166	201	200	0	0
4	98	98	84	90	124	91	140	166	201	200	0	0
5	98	98	84	90	124	91	140	166	201	200	0	0
6	98	98	84	90	124	91	140	166	230	200	0	0
7	98	98	84	90	124	91	140	166	234	200	0	0
8	98	98	84	90	124	91	140	166	234	200	0	0
9	98	98	84	90	124	91	140	166	234	200	0	0
10	98	98	84	90	124	91	140	166	234	200	0	0
11	98	98	84	90	124	91	140	168	234	190	0	0
12	98	98	84	90	124	91	140	166	234	190	0	0
13	98	98	84	90	124	91	140	166	234	190	0	0
14	98	98	84	90	124	91	140	166	234	190	0	0
15	98	98	84	90	124	91	140	166	234	190	0	0
16	98	98	84	90	124	91	140	205	234	190	0	0
17	98	98	84	90	124	91	140	205	234	190	0	0
18	98	98	84	90	124	91	140	205	234	190	0	0
19	98	98	84	90	124	91	140	205	234	190	0	0
20	98	98	84	90	124	91	140	205	234	190	0	0
21	98	98	84	90	124	91	162	205	234	181	0	0
22	98	98	84	90	124	91	162	205	234	181	0	0
23	98	98	84	90	124	91	162	205	234	181	0	0
24	98	98	84	90	124	91	162	205	234	181	0	0
25	98	98	84	90	124	91	162	205	234	181	0	0
26	98	98	84	90	124	91	162	201	234	181	0	0
27	98	98	84	90	124	91	162	201	234	181	0	0
28	98	98	84	90	124	91	162	201	234	181	0	0
29	98	98	84	90	124	91	162	201	234	181	0	0
30	98	---	84	90	124	91	162	201	234	181	0	0
31	98	---	84	---	124	---	162	201	---	181	---	0
Mean	98	98	84	90	124	91	148	186	228	190	0	0
Max.	98	98	84	90	124	91	162	205	234	200	0	0
Min.	98	98	84	90	124	91	140	166	201	181	0	0
A. F.	6026	5637	5165	5355	7624	5415	9088	11409	13589	11685	0	0
Water used	80993 A. F.											

Date	1925											
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
1	0	68	67	111	137	246	168	135	102	102		
2	0	68	67	111	137	246	168	135	102	102		
3	0	68	67	111	137	246	168	135	102	102		
4	0	68	67	111	137	246	168	135	102	102		
5	0	68	67	111	137	246	168	135	102	102		
6	0	68	67	111	137	246	168	135	102	102		
7	0	68	67	111	137	246	168	135	102	102		
8	0	68	95	144	137	246	168	135	102	102		
9	0	67	95	144	137	246	168	135	102	102		
10	0	67	95	144	137	246	168	135	102	102		
11	0	67	95	144	175	220	200	135	102	102		
12	68	67	95	163	175	220	200	135	102	102		
13	68	67	95	163	175	220	200	135	102	102		
14	68	67	95	163	175	220	200	135	102	102		
15	68	67	95	163	175	220	200	135	102	102		
16	68	67	111	163	175	220	200	135	102	102		
17	68	67	111	163	54	220	200	135	102	102		
18	68	67	111	163	54	220	200	135	102	102		
19	68	67	111	163	54	220	200	135	102	102		
20	68	67	111	163	54	220	200	135	102	102		
21	68	67	111	163	54	168	225	135	102	102		
22	68	67	111	163	54	168	225	135	102	102		
23	68	67	111	163	54	168	225	135	102	102		
24	68	67	111	163	54	168	225	135	102	102		
25	68	67	111	163	54	168	225	135	102	102		
26	68	67	111	163	54	168	225	135	102	102		
27	68	67	111	163	54	168	225	135	102	102		
28	68	67	111	163	54	168	225	135	102	102		
29	68	67	111	89	54	168	225	135	102	102		
30	68	67	111	89	54	168	225	135	102	102		
31	68	---	111	---	54	168	---	135	---	102		
Mean	44	67	97	143	104	210	198	135	102	102		
Max.	68	68	111	163	175	246	225	135	102	102		
Min.	0	67	67	89	54	168	168	135	102	102		
A. F.	2698	4003	5960	8533	6407	12908	11762	8301	6069	6272		
Water used	72913 A. F.											

STATE OF NEBRASKA

Gothenburg Diversion Canal from Platte River—Continued

Date	1926											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	71	80	84	104	119	230	146	263	158	158	106	100
2	71	80	84	104	119	230	146	263	158	158	106	100
3	71	80	84	104	119	230	146	263	158	158	106	100
4	71	80	84	104	119	230	146	263	158	158	106	100
5	71	80	84	104	119	230	146	263	158	158	106	100
6	71	80	84	104	119	230	146	266	158	158	106	100
7	71	80	84	104	119	230	146	266	158	158	106	100
8	71	80	84	104	119	230	146	266	158	158	106	100
9	71	80	84	104	119	230	146	266	158	158	106	100
10	71	80	84	104	119	230	146	266	158	158	106	100
11	71	80	84	104	119	92	146	266	158	158	106	100
12	71	80	84	104	119	92	146	266	158	158	106	100
13	71	80	84	104	119	92	146	266	158	158	106	100
14	71	80	84	104	119	92	146	266	158	158	106	100
15	71	80	84	104	119	92	146	266	158	158	106	100
16	71	80	84	104	119	92	146	180	158	158	106	100
17	71	80	84	104	119	92	146	180	158	158	106	100
18	71	80	84	104	119	92	146	180	158	158	106	100
19	71	80	84	104	119	92	146	180	158	158	106	100
20	71	80	84	104	119	92	146	180	158	158	106	100
21	71	80	84	78	119	92	146	180	158	228	106	100
22	71	80	84	78	119	92	146	180	158	228	106	100
23	71	80	84	78	119	92	146	180	158	228	106	100
24	71	80	84	78	119	92	146	180	158	228	106	100
25	71	80	84	78	119	92	146	180	158	228	106	100
26	71	80	84	78	119	92	146	196	158	228	106	100
27	71	80	84	78	119	92	146	196	158	228	106	100
28	71	80	84	78	119	92	146	196	158	228	106	100
29	71	80	84	78	119	92	146	196	158	228	106	100
30	71	80	84	78	119	92	146	196	158	228	106	100
31	71	80	84	78	119	92	146	196	158	228	106	100
Mean	71	80	84	95	119	138	146	224	158	183	106	100
Max.	71	80	84	104	119	230	146	266	158	228	106	100
Min.	71	80	84	78	119	92	146	180	158	158	106	100
A. F.	4366	4443	5165	5673	7317	8212	8977	13787	9402	11242	6307	6143
Water used	91040	A. F.										

Date	1927							
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	55	133	170	209	128	44	0
2	0	55	133	170	209	128	44	0
3	0	55	133	170	209	128	44	0
4	0	55	133	170	209	128	44	0
5	0	55	133	170	209	128	44	0
6	0	55	133	170	209	128	44	0
7	0	55	133	170	209	128	44	0
8	0	55	133	170	209	128	44	0
9	0	55	133	170	209	128	44	0
10	0	55	133	170	209	128	44	0
11	0	55	248	152	209	153	44	0
12	0	55	248	152	209	153	44	0
13	0	55	248	152	209	153	44	0
14	0	55	248	152	209	153	44	0
15	0	55	248	152	209	153	44	0
16	82	55	218	152	209	153	44	0
17	82	55	218	152	209	153	44	0
18	82	55	218	152	209	153	44	0
19	82	55	218	152	209	153	44	0
20	82	55	218	152	209	153	44	0
21	82	55	246	152	209	176	63	0
22	82	55	246	152	209	176	63	0
23	82	55	246	152	209	176	63	0
24	82	55	246	152	209	176	63	0
25	82	55	246	152	209	176	63	0
26	82	55	246	152	209	176	63	0
27	82	55	246	152	209	176	63	0
28	82	55	246	152	209	176	63	0
29	82	55	246	152	209	176	63	0
30	82	55	246	152	209	176	63	0
31	82	55	246	152	209	176	63	0
Mean	42	55	205	158	209	153	50	0
Max.	82	55	248	170	209	176	63	0
Min.	0	55	133	152	209	128	44	0
A. F.	2602	3273	12627	9703	12436	9414	2995	0
Water used	53050	A. F.						

Gothenburg Diversion Canal from Platte River—Continued  
1928

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	100	96	59	162	166	147	205	235	290	288	210	0
2	100	96	59	162	166	147	205	235	290	288	210	0
3	100	96	59	162	166	147	205	235	290	288	210	0
4	100	96	59	162	166	147	205	235	290	288	210	0
5	100	96	59	162	166	147	205	235	290	288	210	0
6	100	96	59	162	166	147	205	235	290	288	210	0
7	100	96	59	162	166	147	205	235	290	288	210	0
8	100	96	59	162	166	147	205	235	290	288	210	0
9	100	96	59	162	166	147	205	235	290	288	210	0
10	100	96	59	162	166	147	205	235	290	288	210	0
11	100	96	59	162	166	147	205	235	295	288	210	122
12	100	96	59	162	166	147	205	235	295	288	210	122
13	100	96	59	162	166	147	205	235	295	288	210	122
14	100	96	59	162	166	147	205	235	295	288	210	122
15	100	96	59	162	166	147	205	235	295	288	210	122
16	100	96	103	162	166	151	205	270	295	288	183	122
17	100	96	103	162	166	151	205	270	295	288	183	122
18	100	96	103	162	166	151	205	270	295	288	183	122
19	100	96	103	162	166	151	205	270	295	288	183	122
20	100	96	103	162	166	151	205	270	295	288	183	122
21	100	96	103	162	166	151	320	270	295	288	183	122
22	100	96	103	162	166	151	320	270	295	288	183	122
23	100	96	103	162	166	151	320	270	295	288	183	122
24	100	96	103	162	166	151	320	270	295	288	183	122
25	100	96	103	162	166	151	320	227	295	288	183	122
26	100	96	103	162	166	151	320	227	295	288	183	122
27	100	96	103	162	166	151	320	227	295	288	183	122
28	100	96	103	162	166	151	320	227	295	288	183	122
29	100	96	103	162	166	151	320	227	295	288	183	122
30	100	.....	103	162	166	151	320	227	295	288	183	122
31	100	.....	103	.....	166	.....	320	227	.....	288	.....	122
Mean	100	96	82	162	166	149	246	245	293	288	197	83
Max.	100	96	103	162	166	151	320	270	295	288	210	122
Min.	100	96	59	162	166	147	205	227	290	288	183	0
A. F.	6149	5522	5024	9640	10207	8866	15114	15049	17455	17708	11693	5082
Water used	127509 A. F.											

DISCHARGE IN SECOND- FEET OF GOTHENBURG POWER WASTE  
Wasted into Platte River. Docket 645a—Date of Priority July 5, 1890  
1919

Date	June	July	Aug.	Sept.	Oct.
1	*	50	72	69	75
2	.....	50	85	69	78
3	.....	50	63	44	78
4	.....	35	85	28	78
5	.....	40	85	44	72
6	.....	46	85	44	78
7	.....	46	85	44	78
8	.....	46	85	53	78
9	.....	50	85	50	78
10	.....	50	63	48	82
11	.....	44	82	44	82
12	.....	40	82	44	72
13	.....	40	82	46	82
14	.....	40	82	69	85
15	17	40	80	75	82
16	50	40	80	75	82
17	50	40	63	69	82
18	46	40	77	75	82
19	46	40	80	75	78
20	48	70	77	75	78
21	50	70	77	69	82
22	50	70	77	75	82
23	50	72	77	75	82
24	50	75	85	75	88
25	50	72	88	78	92
26	50	75	88	82	82
27	50	72	92	69	82
28	50	85	85	78	85
29	50	44	75	78	88
30	50	50	72	78	85
31	.....	37	69	.....	85
Mean	47	52	79	63	81
Max.	50	85	92	82	92
Min.	17	35	63	28	72
A. F.	1502	3211	4885	3763	4984
Total	18345 A. F.				

\*No record.







## STATE OF NEBRASKA

## Gothenburg Power Wasts into Platte River—Continued

Date	1925											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	8	77	81	84	77	90	101	103	82	119	75
2	0	8	77	81	84	77	90	101	103	82	119	75
3	0	8	77	81	84	77	90	101	103	82	119	75
4	0	8	77	81	84	77	90	101	103	82	119	75
5	0	8	77	81	84	77	90	101	103	82	119	75
6	0	8	77	81	84	77	90	101	103	82	119	75
7	0	8	77	81	84	77	90	101	103	82	119	75
8	0	8	77	81	84	77	90	101	103	82	119	75
9	0	8	77	81	84	77	90	101	103	82	119	75
10	0	8	77	81	84	77	90	101	103	82	119	75
11	0	8	77	81	116	72	90	118	120	82	119	75
12	0	8	77	81	116	72	90	118	120	82	119	75
13	0	85	77	81	116	72	90	118	120	82	119	75
14	0	85	77	81	116	72	90	118	120	82	119	75
15	0	85	77	81	116	72	67	118	120	82	119	75
16	0	85	77	81	116	72	67	118	120	82	119	75
17	0	85	77	81	116	72	67	118	120	82	119	75
18	0	85	77	81	116	72	67	118	120	82	119	75
19	0	85	77	81	116	72	67	118	120	82	119	75
20	0	85	77	81	116	72	67	118	120	82	119	75
21	0	77	77	81	116	95	67	86	118	82	119	75
22	0	77	77	81	116	95	67	86	118	82	119	75
23	0	77	77	81	116	95	67	86	118	82	119	75
24	0	77	77	81	116	95	67	86	118	82	119	75
25	0	77	77	81	116	95	67	86	118	82	119	75
26	0	77	77	81	116	95	67	86	118	82	119	75
27	0	77	77	81	116	95	67	86	118	82	119	75
28	0	77	77	81	116	95	67	86	118	82	119	75
29	0	.....	77	81	116	95	67	86	118	82	119	75
30	0	.....	77	81	116	95	67	86	118	82	119	75
31	0	.....	77	.....	116	.....	67	86	.....	82	.....	75
Mean	0	50	77	81	106	81	77	101	114	82	119	75
Max.	0	85	77	81	116	95	90	118	120	82	119	75
Min.	0	8	77	81	84	72	67	86	103	82	119	75
A. F.	0	2761	4735	4820	6498	4840	4758	6220	6764	5042	7081	4612
Total	58131	A. F.										

Date	1926											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	48	70	99	107	112	102	94	96	135	90	104	*
2	48	70	99	107	112	102	94	96	135	90	104	
3	48	70	99	107	112	102	94	96	135	90	104	
4	48	70	99	107	112	102	94	96	135	90	104	
5	48	70	99	107	112	102	94	96	135	90	104	
6	48	70	99	107	112	102	94	96	135	90	104	
7	48	70	99	107	112	102	94	96	135	90	104	
8	48	70	99	107	112	102	94	96	135	90	104	
9	48	70	99	107	112	102	94	96	135	90	104	
10	48	70	99	107	112	102	94	96	135	90	104	
11	48	70	99	107	112	102	94	96	135	90	104	
12	48	70	99	107	112	102	94	96	135	90	104	
13	48	70	99	107	112	102	94	96	135	90	104	
14	48	70	99	107	112	102	94	96	135	90	104	
15	48	70	99	107	112	102	94	96	135	90	104	
16	48	70	99	107	112	102	94	96	135	90	104	
17	48	70	99	107	112	102	94	96	135	90	104	
18	48	70	99	107	112	102	94	96	135	90	104	
19	48	70	99	107	112	102	94	96	135	90	104	
20	48	70	99	107	112	102	94	96	135	90	104	
21	48	70	99	109	112	146	94	135	135	90	104	
22	48	70	99	109	112	146	94	135	135	90	104	
23	48	70	99	109	112	146	94	135	135	90	104	
24	48	70	99	109	112	146	94	135	135	90	104	
25	48	70	99	109	112	146	94	135	135	90	104	
26	48	70	99	109	112	146	94	135	135	90	104	
27	48	70	99	109	112	146	94	135	135	90	104	
28	48	70	99	109	112	146	94	135	135	90	104	
29	48	.....	99	109	112	146	94	135	135	90	104	
30	48	.....	99	109	112	146	94	135	135	90	104	
31	48	.....	99	.....	112	.....	94	135	.....	90	.....	
Mean	48	70	99	108	112	117	94	110	135	90	104	
Max.	48	70	99	109	112	146	94	135	135	90	104	
Min.	48	70	99	107	112	102	94	96	135	90	104	
A. F.	2951	3888	6087	6407	6887	6942	5780	6754	8033	5534	6188	
Total	65451	A. F.										

\*No record.

# HYDROGRAPHIC REPORT—1928

1133

## Gothenburg Power Waste into Platte River—Continued

Date	1927											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	0	0	102	83	97	86	88	0
2	---	---	---	---	0	0	102	83	97	86	88	0
3	---	---	---	---	0	0	102	83	97	86	88	0
4	---	---	---	---	0	0	102	83	97	86	88	0
5	---	---	---	---	0	0	102	83	97	86	88	0
6	---	---	---	---	0	0	91	83	97	86	88	0
7	---	---	---	---	0	0	91	83	97	86	88	0
8	---	---	---	---	0	0	91	83	97	86	88	0
9	---	---	---	---	0	0	91	83	97	86	88	0
10	---	---	---	---	0	0	91	83	97	86	88	0
11	---	---	---	---	0	0	91	70	97	71	88	0
12	---	---	---	---	0	0	91	70	97	71	88	0
13	---	---	---	---	0	0	91	70	97	71	88	0
14	---	---	---	---	0	0	91	70	97	71	88	0
15	---	---	---	---	0	0	91	70	97	71	88	0
16	---	---	---	---	25	0	66	70	97	71	88	0
17	---	---	---	---	25	0	66	70	97	71	88	0
18	---	---	---	---	25	0	66	70	97	71	88	0
19	---	---	---	---	25	0	66	70	97	71	88	0
20	---	---	---	---	25	0	66	70	97	71	88	0
21	---	---	---	---	25	0	103	70	97	65	88	0
22	---	---	---	---	25	0	103	70	97	65	88	0
23	---	---	---	---	25	0	103	70	97	65	88	0
24	---	---	---	---	25	0	103	70	97	65	88	0
25	---	---	---	---	25	0	103	70	97	65	88	0
26	---	---	---	---	25	0	103	70	97	65	88	0
27	---	---	---	---	25	0	103	70	97	65	88	0
28	---	---	---	---	25	0	103	70	97	65	88	0
29	---	---	---	---	25	0	103	70	97	65	88	0
30	---	---	---	---	25	0	103	70	97	65	88	0
31	---	---	---	---	25	0	103	70	97	65	88	0
Mean	---	---	---	---	13	0	93	74	97	74	88	0
Max.	---	---	---	---	25	0	103	83	97	86	88	0
Min.	---	---	---	---	0	0	66	70	97	65	88	0
A. F.	---	---	---	---	793	0	5718	4562	5772	4532	5236	0
Total	26613	A. F.	---	---	---	---	---	---	---	---	---	---

Date	1928											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	68	6	87	240	219	190	203	288	193	172	249	130
2	68	6	87	240	219	190	203	288	193	172	249	130
3	68	6	87	240	219	190	203	288	193	172	249	130
4	68	6	87	240	219	190	203	288	193	172	249	130
5	68	6	87	240	219	190	203	288	193	172	249	130
6	68	6	87	240	219	190	203	288	193	172	249	130
7	68	6	87	240	219	190	203	288	193	172	249	130
8	68	6	87	240	219	190	203	288	193	172	249	130
9	68	6	87	240	219	190	203	288	193	172	249	130
10	68	6	87	240	219	190	203	288	193	172	249	130
11	101	6	87	240	219	190	203	288	218	172	249	130
12	101	6	87	240	219	190	203	288	218	172	249	130
13	101	6	87	240	219	190	203	288	218	172	249	130
14	101	6	87	240	219	190	203	288	218	172	249	130
15	101	6	87	240	219	190	203	288	218	172	249	130
16	101	6	110	240	218	219	203	268	218	172	245	130
17	101	6	110	240	218	219	203	268	218	172	245	130
18	101	6	110	240	218	219	203	268	218	172	245	130
19	101	6	110	240	218	219	203	268	218	172	245	130
20	101	6	110	240	218	219	203	268	218	172	245	130
21	101	6	110	240	218	219	256	258	218	172	245	130
22	101	6	110	240	218	219	256	258	218	172	245	130
23	101	6	110	240	218	219	256	258	218	172	245	130
24	101	6	110	240	218	219	256	191	218	172	245	130
25	101	6	110	240	218	219	256	191	218	172	245	130
26	99	6	110	240	218	219	256	193	218	172	245	130
27	99	6	110	240	218	219	256	193	218	172	245	130
28	99	6	110	240	218	219	256	193	218	172	245	130
29	99	6	110	240	218	219	256	193	218	172	245	130
30	99	---	110	240	218	219	256	193	218	172	245	130
31	99	---	110	---	218	---	256	193	---	172	---	130
Mean	90	6	99	240	218	204	222	257	209	172	247	130
Max.	101	6	110	240	219	219	256	288	218	172	249	130
Min.	68	6	87	240	218	190	203	191	193	172	245	130
A. F.	5532	345	6079	14281	13434	12169	13638	15816	12476	10576	14698	7993
Total	127037	A. F.	---	---	---	---	---	---	---	---	---	---

\*No record.

DISCHARGE IN SECOND-FEET OF GOTHENBURG IRRIGATION CANAL  
 Diverted from Platte River. Docket 645b—Date of Priority September 22, 1894

Date	1916					1918			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	61	*	30	123	69	*	88	79	51
2	61	....	30	131	76	....	88	65	36
3	61	....	30	131	80	....	88	65	12
4	61	....	30	131	80	....	88	60	18
5	65	....	30	131	80	....	88	60	37
6	57	....	30	131	80	....	84	43	32
7	53	....	30	131	80	....	56	75	29
8	45	....	30	131	96	....	23	79	51
9	65	....	16	131	96	....	0	88	32
10	54	....	2	131	80	....	0	84	29
11	57	....	2	131	80	....	0	79	70
12	65	....	2	127	80	....	0	75	70
13	72	....	2	131	96	....	61	56	84
14	69	....	2	131	80	....	75	70	88
15	69	....	2	119	80	....	75	88	97
16	61	....	96	123	80	26	106	84	102
17	65	....	96	123	*	26	97	75	102
18	65	....	104	123	....	23	97	84	102
19	65	....	104	111	....	23	92	84	102
20	65	....	111	100	....	23	70	84	102
21	65	....	123	96	....	23	75	92	106
22	65	....	123	96	....	23	84	84	88
23	72	....	135	76	....	26	88	84	84
24	69	....	143	76	....	41	88	75	84
25	72	....	143	76	....	70	92	79	84
26	72	....	143	69	....	70	92	79	79
27	72	....	143	59	....	75	92	79	84
28	65	....	123	59	....	84	92	79	79
29	69	....	123	69	....	88	88	79	*
30	69	....	123	69	....	88	88	65	....
31	71	....	123	69	....	88	88	43	....
Mean	64	....	72	108	82	47	72	75	69
Max.	72	....	143	131	96	88	106	92	106
Min.	45	....	2	59	69	23	0	43	12
A. F.	3961	....	4411	6615	2604	1404	4449	4592	3834

Area reported 18790 acres.  
 Water used 17591 A. F.  
 Per acre 0.94 A. F.

Area reported 20650 acres.  
 Water used 14279 A. F.  
 Per acre 0.69 A. F.

Date	1919				1921	
	July	Aug.	Sept.	Oct.	July	Aug.
1	*	0	13	62	*	105
2	....	26	16	66	....	100
3	9	40	0	66	....	97
4	9	43	5	66	....	94
5	9	46	3	66	....	90
6	9	60	3	62	....	87
7	10	65	3	62	....	84
8	11	67	0	66	....	87
9	11	52	0	66	....	78
10	12	36	0	57	....	75
11	13	20	0	62	58	72
12	15	19	14	62	61	69
13	0	19	26	73	64	65
14	0	17	43	75	67	62
15	0	18	43	75	70	59
16	0	18	51	75	72	56
17	0	16	52	80	75	*
18	0	14	56	80	78	....
19	0	16	57	73	81	....
20	0	21	66	73	84	....
21	19	0	61	62	86	....
22	21	0	61	62	89	....
23	22	0	57	57	91	....
24	0	0	29	75	94	....
25	0	0	36	75	97	....
26	0	0	43	71	100	....
27	0	0	32	65	102	....
28	15	18	36	62	105	....
29	16	18	26	62	108	....
30	14	18	57	57	110	....
31	15	13	....	57	109	....
Mean	8	22	30	67	86	80
Max.	22	67	68	80	110	106
Min.	0	0	0	57	58	56
A. F.	456	1349	1765	4110	3572	2539

Area reported 14900 acres.  
 Water used 7630 A. F.  
 Per acre 0.52 A. F.

Area reported 4390 acres.  
 Water used 6111 A. F.  
 Per acre 1.39 A. F.

\*No record.

Gothenburg Irrigation Canal from Platte River—Continued

Date	1922					1923			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	30	24	85	114	50	*	78	37	3
2	36	24	81	116	40	.....	81	33	4
3	44	24	77	118	30	.....	84	29	6
4	58	25	74	120	20	.....	87	26	7
5	63	25	70	122	10	.....	90	23	9
6	60	32	73	124	0	.....	93	20	12
7	57	40	76	126	8	.....	97	18	16
8	54	43	77	127	12	.....	100	15	25
9	50	46	78	130	18	.....	103	14	33
10	47	51	79	120	22	.....	106	14	42
11	44	56	80	107	29	.....	109	15	51
12	40	60	81	105	33	.....	112	15	60
13	38	64	82	103	39	.....	110	16	70
14	34	70	83	101	44	.....	107	15	76
15	31	78	84	100	50	.....	104	14	74
16	28	80	85	99	56	.....	101	13	72
17	25	84	88	97	61	.....	99	12	71
18	21	86	87	95	66	39	96	11	69
19	19	92	88	93	70	41	93	11	67
20	19	97	89	91	72	44	89	10	64
21	20	101	90	89	76	47	86	8	62
22	20	105	91	87	80	50	82	7	60
23	20	109	92	85	82	54	78	7	58
24	21	112	93	83	85	57	74	5	55
25	21	109	94	81	88	60	70	4	53
26	22	104	98	81	92	63	65	3	50
27	22	101	102	80	95	66	60	2	47
28	23	97	107	72	*	69	54	0	44
29	23	93	108	62	.....	72	50	1	41
30	24	90	110	55	.....	74	45	1	0
31	24	.....	112	51	.....	.....	41	2	.....
Mean	33	71	88	98	49	57	85	13	43
Max.	63	112	112	130	95	74	112	37	76
Min.	19	24	70	51	0	39	41	0	0
A. F.	2059	4209	5383	6019	2634	1460	5244	795	2580

Area reported 22000 acres.  
 Water used 20304 A. F.  
 Per acre 0.92 A. F.

Area reported 22000 Acres.  
 Water used 10079 A. F.  
 Per acre 0.46 A. F.

Date	1924					1925			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	43	38	100	143	69	80	125	122
2	.....	43	38	100	143	69	80	125	122
3	.....	43	38	100	143	69	80	125	122
4	.....	43	38	100	143	69	80	131	122
5	.....	43	38	100	143	69	80	131	122
6	.....	35	45	110	132	69	51	131	122
7	.....	35	45	110	132	69	51	126	122
8	.....	35	45	110	132	69	51	126	122
9	.....	35	45	110	132	69	51	126	122
10	.....	35	45	110	132	69	51	126	122
11	.....	27	51	122	125	62	100	126	119
12	.....	27	51	122	125	62	100	126	119
13	.....	27	51	122	125	62	100	126	119
14	.....	27	51	122	125	62	100	126	119
15	.....	27	51	122	125	62	100	126	119
16	.....	22	60	134	115	62	129	126	119
17	.....	22	60	134	115	62	92	126	119
18	.....	22	60	134	115	62	130	126	119
19	58	22	60	134	115	62	130	126	119
20	58	22	60	134	115	62	130	126	119
21	58	27	75	142	108	100	130	126	125
22	58	27	75	142	108	100	130	126	125
23	58	27	75	142	108	100	129	126	125
24	58	27	75	142	108	100	129	126	125
25	58	27	75	142	108	100	129	126	125
26	52	33	86	148	98	100	129	119	125
27	52	33	86	148	98	100	129	119	125
28	52	33	86	148	98	100	124	119	125
29	52	33	86	148	98	100	124	119	125
30	52	33	86	148	98	100	124	119	125
31	52	.....	86	148	.....	.....	124	119	.....
Mean	55	31	60	127	120	77	102	125	122
Max.	58	43	86	148	143	100	130	131	125
Min.	52	22	38	100	98	62	51	119	119
A. F.	1424	1855	3691	7791	7150	4582	6282	7688	7260

Area reported 22000 Acres.  
 Water used 21911 A. F.  
 Per acre 1.00 A. F.  
 \*No record.

Area reported 22000 acres.  
 Water used 25812 A. F.  
 Per acre 1.17 A. F.

## Gothenburg Irrigation Canal from Platte River—Continued

Date	1926					
	May	June	July	Aug.	Sept.	Oct.
1	25	122	140	133	121	60
2	25	122	140	133	121	60
3	25	122	140	133	121	60
4	25	122	140	133	121	60
5	25	122	140	133	121	60
6	25	122	140	133	90	60
7	25	122	140	133	90	60
8	25	122	140	133	90	60
9	25	122	110	133	90	60
10	25	122	140	133	90	60
11	25	100	22	60	120	100
12	25	100	22	60	120	100
13	25	100	22	60	120	100
14	25	100	22	60	120	100
15	25	100	22	60	120	100
16	25	100	56	46	120	100
17	25	100	56	46	120	100
18	25	100	56	46	120	100
19	25	100	56	46	120	100
20	25	100	56	46	120	100
21	25	70	110	46	120	134
22	25	50	110	46	120	134
23	25	50	110	46	120	134
24	25	50	110	46	120	134
25	25	50	110	46	120	134
26	25	50	160	100	60	134
27	25	50	160	100	60	134
28	25	50	160	100	60	134
29	25	50	160	100	60	134
30	25	50	160	100	60	134
31	25	....	160	100	....	134
Mean	25	88	106	95	105	90
Max.	25	122	160	133	121	134
Min.	25	16	22	46	60	60
A. F.	1537	5260	5545	5331	6258	6037

Area reported 22000 acres.  
Water used 31528 A. F.  
Per acre 1.43 A. F.

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	0	20	76	180	90	52
2	0	24	76	175	102	72
3	0	24	82	150	102	72
4	0	24	76	150	100	76
5	0	24	76	138	100	76
6	0	22	82	138	100	76
7	0	25	82	138	116	76
8	0	25	86	112	116	76
9	0	25	116	160	116	76
10	0	36	137	75	112	76
11	38	54	137	75	112	76
12	38	50	144	60	112	76
13	38	48	150	37	116	76
14	38	48	146	37	122	76
15	38	48	150	46	120	76
16	38	29	132	52	120	83
17	38	29	176	60	120	83
18	38	29	132	46	116	83
19	29	29	176	46	120	83
20	29	29	176	62	130	83
21	29	42	160	62	124	84
22	29	42	165	56	112	84
23	38	34	165	56	108	84
24	40	27	166	56	112	84
25	42	27	178	56	105	94
26	54	27	188	70	94	84
27	50	27	188	90	94	84
28	40	25	165	86	94	84
29	40	42	132	70	90	84
30	34	73	194	49	80	84
31	22	....	194	76	....	84
Mean	25	34	144	86	108	80
Max.	54	54	194	180	130	84
Min.	0	20	76	37	80	72
A. F.	1547	1999	8832	5284	6456	4893

Area reported 20640 acres.  
Water used 29011 A. F.  
Per acre 1.41 A. F.

Gothenburg Irrigation Canal from Platte River—Continued

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	0	22	25	92	196	176
2	0	24	20	96	206	162
3	0	24	22	84	196	152
4	0	22	22	84	184	136
5	0	24	20	98	176	136
6	0	24	22	120	152	128
7	0	22	24	144	170	136
8	0	28	24	106	184	120
9	0	28	24	120	162	132
10	0	32	24	136	152	162
11	0	32	24	112	148	136
12	0	36	24	92	132	124
13	0	40	24	96	120	132
14	0	40	24	136	132	120
15	0	36	24	162	140	124
16	0	36	34	184	152	78
17	0	30	40	176	152	98
18	0	30	50	162	140	120
19	28	30	60	170	136	120
20	24	28	70	170	136	124
21	25	28	78	54	120	120
22	25	28	162	32	136	106
23	26	28	166	60	140	120
24	26	26	136	96	148	136
25	26	28	84	106	152	120
26	28	28	92	98	148	120
27	28	30	106	92	162	124
28	28	28	112	42	166	0
29	26	28	120	136	170	0
30	28	32	106	144	162	0
31	30	---	112	152	---	0
Mean	11	29	60	115	154	112
Max.	30	40	166	184	206	176
Min.	0	22	20	32	120	0
A. F.	690	1730	3719	7045	9263	6867

Area reported 16490 acres.  
 Water used 29314 A. F.  
 Per acre 1.78 A. F.

DISCHARGE IN SECOND-FEET OF GRAF CANAL

Diverted from Blue Creek. Docket 788—Date of Priority April 2, 1894

Date	1917		1918			
	July	Aug.	June	July	Aug.	Sept.
1	0	7	*	17	17	20
2	0	0	---	17	16	23
3	0	12	---	23	15	22
4	0	0	---	22	11	22
5	0	12	---	21	5	23
6	0	22	17	25	0	17
7	0	0	12	21	0	12
8	0	17	7	24	0	11
9	0	21	8	20	0	15
10	0	15	7	24	0	15
11	0	0	20	25	0	14
12	8	0	20	18	0	17
13	0	15	21	14	0	16
14	0	17	21	17	0	16
15	0	15	21	20	0	8
16	0	12	10	17	0	0
17	0	5	29	13	0	1
18	0	0	31	10	0	4
19	0	0	36	8	0	10
20	0	19	31	16	2	1
21	0	17	24	6	9	1
22	0	20	16	10	17	1
23	0	20	17	2	14	1
24	10	26	29	21	14	1
25	10	0	32	0	16	2
26	15	0	19	0	0	2
27	15	0	32	0	1	1
28	5	0	26	0	17	1
29	17	0	26	0	17	*
30	17	0	25	1	20	---
31	24	0	---	0	20	---
Mean	4	9	21	13	7	10
Max.	24	26	36	25	20	23
Min.	0	5	7	0	0	0
A. F.	240	540	1065	815	419	549

Area reported 2190 acres.  
 Water used 730 A. F.  
 Per acre 0.36 A. F.

Area reported 2100 acres.  
 Water used 2848 A. F.  
 Per acre 1.36 A. F.

\*No record.



STATE OF NEBRASKA

Graf Canal from Blue Creek—Continued

Date	1919					1921				
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.	
1	*	13	23	17	41	*	12	22	12	
2	....	13	23	16	42	....	11	21	12	
3	....	14	23	16	43	....	11	20	12	
4	....	14	23	15	43	....	10	18	11	
5	....	15	24	15	44	....	9	17	11	
6	....	15	24	15	44	....	8	15	11	
7	....	16	24	16	44	....	7	13	11	
8	....	16	24	16	43	....	7	11	10	
9	....	16	24	17	41	....	8	9	10	
10	....	17	24	17	40	....	15	6	10	
11	....	17	24	18	35	....	22	6	10	
12	....	18	24	19	32	....	26	7	9	
13	....	18	24	20	30	....	27	7	*	
14	....	18	24	21	29	....	28	7	....	
15	....	18	24	22	28	....	28	7	....	
16	....	19	24	22	27	....	28	8	....	
17	....	19	24	20	26	....	28	8	....	
18	....	19	23	0	26	....	28	8	....	
19	....	20	23	0	26	....	28	9	....	
20	....	20	23	0	25	....	28	9	....	
21	....	20	23	0	25	....	28	9	....	
22	....	20	22	0	25	....	21	28	10	
23	....	21	21	0	25	....	20	28	10	
24	....	21	21	0	25	....	19	28	10	
25	....	21	20	0	25	....	18	28	11	
26	....	22	20	0	25	....	17	28	11	
27	....	22	19	0	25	....	16	28	11	
28	....	22	18	0	25	....	15	27	12	
29	....	22	18	0	25	....	14	26	12	
30	....	23	18	0	25	....	13	25	12	
31	....	....	17	30	....	....	23	12	....	
Mean	15	18	22	10	32	17	21	11	11	
Max.	20	23	24	30	44	21	28	22	12	
Min.	10	13	17	0	25	13	7	6	9	
A. F.	597	1091	1369	619	1902	303	1321	690	256	
Area reported 2190 acres.					Area reported 2190 acres.					
Water used 5578 A. F.					Water used 2570 A. F.					
Per acre 2.55 A. F.					Per acre 1.17 A. F.					

Date	1922					1923				
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.	
1	*	9	5	17	15	0	0	0	10	
2	....	9	6	16	14	0	0	0	10	
3	....	9	7	15	13	0	0	0	10	
4	....	10	9	13	13	0	0	0	10	
5	....	10	10	12	12	0	0	0	10	
6	....	10	11	11	12	0	0	0	16	
7	....	10	13	10	12	0	0	0	16	
8	....	10	14	10	11	0	0	0	16	
9	....	10	15	11	10	0	0	0	16	
10	....	11	17	12	10	0	0	0	16	
11	....	11	18	14	9	0	10	0	16	
12	....	11	19	15	9	0	10	0	16	
13	....	11	20	17	8	0	10	0	16	
14	....	11	22	19	8	0	10	0	16	
15	....	6	12	23	20	0	10	0	16	
16	....	6	12	24	22	0	20	5	10	
17	....	7	13	25	23	0	20	5	10	
18	....	7	15	27	25	0	20	5	10	
19	....	7	17	28	25	0	20	5	10	
20	....	7	19	29	25	0	20	5	10	
21	....	7	21	28	25	0	20	7	5	
22	....	7	23	27	25	0	20	7	5	
23	....	8	25	25	25	0	20	7	5	
24	....	8	27	25	25	0	20	7	5	
25	....	8	29	23	25	0	20	7	5	
26	....	8	31	22	24	3	0	7	0	
27	....	8	33	22	24	*	0	7	0	
28	....	8	24	20	24	....	18	0	7	0
29	....	9	17	19	24	....	18	0	7	0
30	....	9	10	18	24	....	18	0	7	0
31	....	9	....	18	23	....	....	0	7	....
Mean	8	16	19	19	8	3	9	3	10	
Max.	9	33	29	25	15	18	20	7	16	
Min.	6	9	5	10	3	0	0	0	0	
A. F.	256	932	1170	1190	432	178	575	202	565	
Area reported 2180 acres.					Area reported 2190 acres.					
Water used 3990 A. F.					Water used 1520 A. F.					
Per acre 1.83 A. F.					Per acre 0.69 A. F.					

\*No record.  
†Closed by water commissioner.

# HYDROGRAPHIC REPORT—1928

1139

## Graf Canal from Blue Creek—Continued

Date	1924					1925				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	10	10	31	18	19	12	15	21	15
2	.....	10	10	31	18	19	12	15	21	15
3	.....	10	10	31	18	19	12	15	21	15
4	.....	10	10	31	18	19	12	15	21	15
5	.....	10	10	31	18	19	12	15	21	15
6	.....	10	10	31	18	19	12	15	21	15
7	.....	10	10	31	18	19	12	15	21	15
8	.....	10	10	31	18	19	12	15	21	15
9	.....	10	10	31	18	19	12	15	21	15
10	.....	10	10	31	18	19	12	15	21	15
11	.....	3	26	29	18	19	12	12	22	10
12	.....	3	26	29	18	19	12	12	22	10
13	.....	3	26	29	18	19	12	12	22	10
14	.....	3	26	29	18	19	12	12	22	10
15	.....	3	26	29	18	19	12	12	22	10
16	.....	3	26	29	18	19	12	12	22	1
17	.....	3	26	29	18	19	12	12	22	1
18	.....	3	26	29	18	19	12	12	22	1
19	.....	3	26	29	18	19	12	12	22	1
20	28	3	26	29	18	19	12	12	22	1
21	28	10	33	21	5	19	26	23	6	1
22	28	10	33	21	5	19	26	23	6	1
23	28	10	33	21	5	19	26	23	6	1
24	28	10	33	21	5	19	26	23	6	1
25	28	10	33	21	5	19	26	23	6	1
26	20	10	33	21	5	19	26	23	6	1
27	20	10	33	21	5	19	26	23	6	1
28	20	10	33	21	5	19	26	23	6	1
29	20	10	33	21	5	19	26	23	6	1
30	20	10	33	21	5	19	26	23	6	1
31	20	.....	33	21	.....	19	.....	23	6	.....
Mean	24	8	23	27	14	19	17	17	16	7
Max.	28	10	33	31	18	19	26	23	22	15
Min.	20	3	10	21	5	19	12	12	6	1
A. F.	571	456	1434	1648	813	1168	992	1037	984	426

Area reported 2180 acres.  
Water used 4922 A. F.  
Per acre 2.26 A. F.

Area reported 2190 acres.  
Water used 4607 A. F.  
Per acre 2.10 A. F.

Date	1927				
	May	June	July	Aug.	Sept.
1	*	0	22	5	5
2	.....	0	22	5	5
3	.....	0	22	5	5
4	.....	0	22	5	5
5	.....	0	22	5	5
6	.....	0	22	5	5
7	.....	0	22	5	5
8	.....	0	22	5	5
9	.....	0	22	5	5
10	.....	0	22	5	5
11	.....	0	22	5	5
12	.....	0	22	5	5
13	.....	0	22	5	5
14	.....	0	22	5	5
15	.....	0	22	5	5
16	.....	0	22	5	5
17	.....	0	22	5	5
18	.....	0	22	5	5
19	.....	0	22	5	5
20	.....	0	22	5	5
21	11	20	21	2	5
22	11	20	21	2	5
23	11	20	21	2	5
24	11	20	21	2	5
25	11	20	21	2	5
26	11	20	21	2	5
27	11	20	21	2	5
28	11	20	21	2	5
29	11	20	21	2	5
30	11	20	21	2	5
31	11	.....	21	.....	.....
Mean	11	7	22	4	5
Max.	11	20	22	5	5
Min.	11	0	21	2	5
A. F.	240	397	1331	242	298

\*No record.

Area reported 2190 acres.  
Water used 2508 A. F.  
Per acre 1.15 A. F.

## DISCHARGE IN SECOND-FEET OF HAIGLER CANAL

Diverted from Republican River. Docket 1025—Date of Priority April 4, 1890

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	0	20	29	13	24	11
2	0	20	29	13	24	11
3	0	20	29	13	24	11
4	0	20	29	13	24	11
5	0	20	29	13	24	11
6	0	20	29	13	24	11
7	0	20	29	13	24	11
8	0	20	29	13	24	11
9	0	20	29	13	24	11
10	0	20	29	13	24	11
11	0	12	29	13	24	11
12	0	12	29	13	24	11
13	0	12	29	13	24	11
14	0	12	29	13	24	11
15	0	12	29	13	24	11
16	13	12	29	13	24	11
17	13	12	29	13	24	11
18	13	12	29	13	24	11
19	13	12	29	13	24	11
20	13	12	29	13	24	11
21	13	12	25	13	24	11
22	13	12	25	13	24	11
23	13	12	25	13	24	11
24	13	12	25	13	24	11
25	13	12	25	13	24	11
26	20	12	25	13	24	11
27	20	12	25	13	24	11
28	20	12	25	13	24	11
29	20	12	25	13	24	11
30	20	12	25	13	24	11
31	20	.....	25	13	.....	11
Mean	8	15	28	13	24	11
Max.	20	20	29	13	24	11
Min.	0	12	25	13	24	11
A. F.	496	873	1696	799	1428	676

Area reported \*  
Water used 5968 A. F.

## DISCHARGE IN SECOND-FEET OF HANEY CANAL

Diverted from Loneragan Creek. Docket 710—Date of Priority July 1, 1893

Date	1923				
	May	June	July	Aug.	Sept.
1	*	2.7	1.6	1.6	1.3
2	.....	2.7	1.6	1.6	1.3
3	.....	2.7	1.6	1.6	1.3
4	.....	2.7	1.6	1.6	1.3
5	.....	2.7	1.6	1.6	1.3
6	.....	2.7	1.6	1.6	1.3
7	.....	2.7	1.6	1.6	1.3
8	.....	2.7	1.6	1.6	1.3
9	.....	2.7	1.6	1.6	1.3
10	.....	2.7	1.6	1.6	1.3
11	.....	2.7	1.6	1.6	1.3
12	.....	2.7	1.6	1.6	1.3
13	.....	2.7	1.6	1.6	1.3
14	.....	2.7	1.6	1.6	1.3
15	.....	2.7	1.6	1.6	1.3
16	.....	2.7	1.6	1.6	1.3
17	2.5	2.7	1.6	1.6	1.3
18	2.5	2.7	1.6	1.6	1.3
19	2.5	2.7	1.6	1.6	1.3
20	2.5	2.7	1.6	1.6	1.3
21	2.5	2.7	1.6	1.6	1.3
22	2.5	2.7	1.6	1.6	1.3
23	2.5	2.7	1.6	1.6	1.3
24	2.5	2.7	1.6	1.6	1.3
25	2.5	2.7	1.6	1.6	1.3
26	2.5	2.7	1.6	1.6	1.3
27	2.5	2.7	1.6	1.6	1.3
28	2.5	2.7	1.6	1.6	1.3
29	2.5	2.7	1.6	1.6	1.3
30	2.5	2.7	1.6	1.6	1.3
31	2.5	.....	1.6	1.6	.....
Mean	2.5	2.7	1.6	1.6	1.3
Max.	2.5	2.7	1.6	1.6	1.3
Min.	2.5	2.7	1.6	1.6	1.3
A. F.	74	161	98	98	77

Area reported 70 acres.  
Water used 508 A. F.  
Per acre 7.26 A. F.

\*No record.

DISCHARGE IN SECOND-FEET OF HOOPER CANAL

Diverted from Blue Creek. Docket 781—Date of Priority September 7, 1903

Date	1919					1921			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	11	8	9	11	*	6	14	16
2	---	11	8	9	10	---	7	14	16
3	---	13	8	9	10	---	7	14	16
4	---	13	8	9	10	---	8	13	16
5	---	13	10	9	10	---	8	13	16
6	---	14	8	9	10	---	9	13	16
7	---	14	6	9	10	---	11	13	16
8	---	16	6	9	10	---	13	12	16
9	---	16	8	9	11	---	10	12	16
10	---	8	6	9	11	---	10	12	16
11	---	8	5	9	11	---	10	12	16
12	---	8	13	9	11	---	11	12	16
13	---	5	13	9	11	---	11	13	16
14	---	4	13	9	8	---	12	13	16
15	---	4	12	9	8	---	12	13	15
16	---	4	12	9	7	---	12	13	15
17	---	13	13	10	7	---	12	14	14
18	---	11	13	0	7	---	13	14	14
19	---	5	13	0	7	---	13	14	13
20	---	5	13	0	7	---	13	14	13
21	---	4	13	0	*	2	14	15	13
22	---	4	13	0	---	2	14	15	12
23	---	3	13	0	---	3	14	15	12
24	---	3	13	0	---	3	15	15	12
25	---	10	13	0	---	3	15	15	11
26	---	6	13	0	---	4	16	16	11
27	---	5	13	0	---	4	16	16	11
28	---	5	13	0	---	4	16	16	11
29	---	5	13	0	---	5	15	16	10
30	10	5	13	10	---	5	15	16	10
31	10	---	13	10	---	---	15	16	---
Mean	10	8	11	5	9	4	12	14	14
Max.	10	16	13	10	11	5	16	16	16
Min.	10	3	5	0	7	2	6	12	10
A. F.	40	488	672	325	371	60	740	859	835

Area reported 930 acres.  
Water used 1896 A. F.  
Per acre 2.04 A. F.

Area reported 820 acres.  
Water used 2503 A. F.  
Per acre 3.05 A. F.

Date	1922				1923				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	12	3	9	*	6	2	10	6
2	---	12	3	8	---	6	2	10	6
3	---	12	2	7	---	6	2	10	6
4	---	12	2	6	---	6	2	10	6
5	---	12	1	5	---	6	2	10	6
6	---	12	1	4	---	6	2	10	6
7	---	12	0	3	---	6	2	10	6
8	---	12	1	3	---	6	2	10	6
9	---	12	3	3	---	6	2	10	6
10	---	13	4	3	---	6	2	10	6
11	---	13	5	3	---	6	2	8	9
12	---	13	6	3	---	6	2	8	9
13	---	13	8	3	---	6	2	8	9
14	---	13	9	3	---	6	2	8	9
15	---	12	10	3	---	6	2	8	9
16	12	11	12	3	4	6	5	6	9
17	12	10	13	4	4	6	5	6	9
18	12	10	14	4	4	6	5	6	9
19	12	9	14	4	4	6	5	6	9
20	12	9	13	4	4	6	5	6	9
21	12	8	13	4	4	6	10	4	6
22	12	7	13	4	4	6	10	4	6
23	12	7	13	5	4	6	10	4	6
24	12	7	12	5	4	6	14	4	6
25	12	6	12	6	4	6	14	4	6
26	12	6	12	*	4	6	14	4	6
27	12	5	12	---	4	6	14	4	6
28	12	5	11	---	4	6	14	4	6
29	12	4	11	---	4	6	14	4	6
30	12	4	11	---	4	6	14	4	6
31	---	4	10	---	4	---	14	4	---
Mean	12	10	8	4	4	6	6	7	7
Max.	12	13	14	9	4	6	14	10	9
Min.	12	4	0	3	4	6	2	4	6
A. F.	357	589	504	216	127	357	391	424	417

Area reported 650 acres.  
Water used 1666 A. F.  
Per acre 2.56 A. F.

Area reported 940 acres.  
Water used 1716 A. F.  
Per acre 1.83 A. F.

\*No record.

†Closed by water commissioner.

STATE OF NEBRASKA

Hooper Canal from Blue Creek--Continued

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	3.7	7.6	5.4	9.5	11.0	13	15	11	11	14
2	3.7	7.6	5.4	9.5	11.0	13	15	11	11	14
3	3.7	7.6	5.4	9.5	11.0	13	15	11	11	14
4	3.7	7.6	5.4	9.5	11.0	13	15	11	11	14
5	3.7	7.6	5.4	9.5	11.0	13	15	11	11	14
6	3.7	7.6	5.4	9.5	11.0	13	15	11	10	14
7	3.7	7.6	5.4	9.5	11.0	13	15	11	10	14
8	3.7	7.6	5.4	9.5	11.0	13	15	11	10	14
9	3.7	7.6	5.4	9.5	11.0	13	15	11	10	14
10	3.7	7.6	5.4	9.5	11.0	13	15	11	10	14
11	3.7	1.0	11.2	11.0	11.0	13	21	11	10	14
12	3.7	1.0	11.2	11.0	11.0	13	21	11	10	14
13	3.7	1.0	11.2	11.0	11.0	13	21	11	10	14
14	3.7	1.0	11.2	11.0	11.0	13	21	11	10	14
15	3.7	1.0	11.2	11.0	11.0	13	21	11	10	14
16	3.7	1.0	11.2	11.0	11.0	13	21	11	7	14
17	3.7	1.0	11.2	11.0	11.0	13	21	11	7	14
18	3.7	1.0	11.2	11.0	11.0	13	21	11	7	14
19	3.7	1.0	11.2	11.0	11.0	13	21	11	7	14
20	3.7	1.0	11.2	11.0	11.0	13	21	11	7	14
21	3.7	1.8	9.8	12.0	11.0	8	7	11	7	5
22	3.7	1.8	9.8	12.0	11.0	8	7	11	7	5
23	3.7	1.8	9.8	12.0	11.0	8	7	11	7	5
24	3.7	1.8	9.8	12.0	11.0	8	7	11	7	5
25	3.7	1.8	9.8	12.0	11.0	8	7	11	7	5
26	3.7	1.8	9.8	12.0	11.0	8	7	10	7	5
27	3.7	1.8	9.8	12.0	11.0	8	7	10	7	5
28	3.7	1.8	9.8	12.0	11.0	8	7	10	7	5
29	3.7	1.8	9.8	12.0	11.0	8	7	10	7	5
30	3.7	1.8	9.8	12.0	11.0	8	7	10	7	5
31	3.7	.....	9.8	12.0	.....	8	.....	10	7	.....
Mean	3.7	3.5	8.8	10.9	11.0	11	14	11	9	11
Max.	3.7	7.6	11.2	12.0	11.0	13	21	11	11	14
Min.	3.7	1.0	5.4	9.5	11.0	8	7	10	7	5

A. F. 228 206 543 668 655  
 Area reported 910 acres.  
 Water used 2300 A. F.  
 Per acre 2.53 A. F.

690 853 664 530  
 Area reported 877 acres.  
 Water used 3392 A. F.  
 Per acre 3.87 A. F.

Date	1927			
	June	July	Aug.	Sept.
1	20	19	5	11
2	20	19	5	11
3	20	19	5	11
4	20	19	5	11
5	20	19	5	11
6	20	19	5	11
7	20	19	5	11
8	20	19	5	11
9	20	19	5	11
10	20	19	5	11
11	20	19	5	11
12	20	19	5	11
13	20	19	5	11
14	20	19	5	11
15	20	19	5	11
16	20	19	5	11
17	20	19	5	11
18	20	19	5	11
19	20	19	5	11
20	20	19	5	11
21	20	13	4	11
22	20	13	4	11
23	20	13	4	11
24	20	13	4	11
25	20	13	4	11
26	20	13	4	11
27	20	13	4	11
28	20	13	4	11
29	20	13	4	11
30	20	13	4	11
31	.....	13	4	.....
Mean	20	17	5	11
Max.	20	19	5	11
Min.	20	13	4	11
A. F.	1190	1037	286	655

Area reported \*  
 Water used 3168 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

1143

**DISCHARGE IN SECOND-FEET OF INMAN CANAL**  
 Diverted from Frenchman River, Docket 79—Date of Priority February 28, 1896  
 Application 436—Date of Priority February 10, 1898

Date	1920				
	June	July	Aug.	Sept.	Oct.
1	*	3	0	2	2
2	....	3	0	2	2
3	....	3	0	2	2
4	....	3	0	2	2
5	....	4	0	2	2
6	....	4	0	2	2
7	....	4	0	2	2
8	....	4	0	2	2
9	....	4	0	2	2
10	....	4	0	2	2
11	....	4	3	2	2
12	....	4	3	2	2
13	....	5	3	2	2
14	....	5	3	2	2
15	....	6	4	2	2
16	....	7	4	2	2
17	....	8	4	2	2
18	....	8	4	2	2
19	....	8	3	2	2
20	....	8	3	2	2
21	....	8	3	2	2
22	3	8	3	2	2
23	3	8	3	2	2
24	3	8	3	2	2
25	3	8	3	2	2
26	3	8	2	2	2
27	3	8	2	2	2
28	3	8	2	2	2
29	3	8	2	2	2
30	3	8	2	2	2
31	....	8	2	2	2
Mean	3	6	2	2	2
Max.	3	8	4	2	2
Min.	3	3	0	2	2
A. F.	54	371	121	119	123

Area reported \*.  
 Water used 788 A. F.

Date	1921		
	Aug.	Sept.	Oct.
1	0	6	0
2	0	9	0
3	0	12	0
4	0	12	0
5	0	14	0
6	0	14	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	8	0
15	0	8	0
16	0	11	3
17	6	11	3
18	6	11	*
19	6	12	—
20	6	12	—
21	6	12	—
22	6	12	—
23	6	9	....
24	9	9	....
25	6	9	....
26	6	9	....
27	6	9	....
28	5	0	....
29	5	0	....
30	5	0	....
31	8	—	....
Mean	3	7	0.4
Max.	9	14	3
Min.	0	0	0
A. F.	182	415	12

Area reported 450 acres.  
 Water used 609 A. F.  
 Per acre 1.35 A. F.

Date	1923					
	Apr.	May	June	July	Aug.	Sept.
1	*	6	0	10	6	0
2	....	6	0	10	6	0
3	....	6	0	10	6	0
4	....	6	0	10	6	0
5	....	6	0	10	6	0
6	....	6	0	10	6	0
7	....	6	0	10	6	0
8	....	6	0	10	6	0
9	....	6	0	10	6	0
10	....	6	0	10	6	0
11	....	6	0	10	6	0
12	....	6	0	10	6	0
13	....	6	0	10	6	0
14	....	6	0	10	6	0
15	....	6	0	10	6	0
16	....	3	0	12	0	5
17	9	3	0	12	0	5
18	9	3	0	12	0	5
19	9	3	0	12	0	5
20	9	3	0	12	0	5
21	9	3	9	12	0	5
22	9	3	9	12	0	*
23	9	3	9	12	0	—
24	9	3	9	12	0	—
25	9	3	9	12	0	—
26	9	3	9	12	0	—
27	9	3	9	12	0	—
28	9	3	9	12	0	—
29	9	3	9	12	0	—
30	9	3	9	12	0	—
31	....	3	....	12	0	....
Mean	9	4	3	11	3	1
Max.	9	6	9	12	6	5
Min.	9	3	0	10	0	0
A. F.	250	274	179	678	179	50

Area reported 450 acres.  
 Water used 1610 A. F.  
 Per acre 3.58 A. F.  
 \*No record.

Date	1924				
	May	June	July	Aug.	Sept.
1	12	0	8	9	10
2	12	0	8	9	10
3	12	0	8	9	10
4	12	0	8	9	10
5	12	0	8	9	10
6	12	0	8	9	10
7	12	0	8	9	10
8	12	0	8	9	10
9	12	0	8	9	10
10	12	0	8	9	10
11	12	0	8	9	10
12	12	0	8	9	10
13	12	0	8	9	10
14	12	0	8	9	10
15	12	0	8	9	10
16	12	8	8	9	5
17	12	8	8	9	5
18	12	8	8	9	5
19	12	8	8	9	5
20	12	8	8	9	5
21	12	8	8	9	5
22	12	8	8	9	5
23	12	8	8	9	5
24	12	8	8	9	5
25	12	8	8	9	5
26	12	8	8	9	5
27	12	8	8	9	5
28	12	8	8	9	5
29	12	8	8	9	5
30	12	8	8	9	5
31	12	....	8	9	....
Mean	12	4	8	9	8
Max.	12	8	8	9	10
Min.	12	0	8	9	5
A. F.	738	238	492	553	446

Area reported 450 acres.  
 Water used 2467 A. F.  
 Per acre 5.48 A. F.

STATE OF NEBRASKA

Inman Canal from Frenchman River—Continued

1925							
Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	9.8	0	6.0	3.5	3.2	8.4
2	.....	9.8	0	6.0	3.5	3.2	8.4
3	.....	9.8	0	6.0	3.5	3.2	8.4
4	.....	9.8	0	6.0	3.5	3.2	8.4
5	.....	9.8	0	6.0	3.5	3.2	8.4
6	.....	9.8	0	6.0	3.5	3.2	8.4
7	.....	9.8	0	6.0	3.5	3.2	8.4
8	.....	9.8	0	6.0	3.5	3.2	8.4
9	.....	9.8	0	6.0	3.7	3.2	8.4
10	.....	9.8	0	6.0	3.7	3.2	8.4
11	.....	9.8	0	6.0	3.7	3.2	8.4
12	.....	9.8	0	5.9	3.7	3.2	8.4
13	.....	9.8	0	2.0	3.7	3.2	8.4
14	.....	9.8	0	2.1	3.7	3.2	8.4
15	.....	9.8	0	2.1	3.7	3.2	8.4
16	10	9.8	0	2.1	3.7	4.8	8.4
17	10	9.8	0	2.1	3.7	4.8	8.4
18	10	9.8	0	2.1	3.7	4.8	8.4
19	10	9.8	0	2.1	3.7	4.8	8.4
20	10	9.8	0	2.1	3.7	4.8	8.4
21	10	9.8	10	4.3	3.7	4.8	8.4
22	10	9.8	10	4.3	3.7	4.8	8.4
23	10	9.8	10	4.3	3.7	4.8	8.4
24	10	9.8	10	1.4	3.7	4.8	8.4
25	10	9.8	10	1.4	3.7	4.8	8.4
26	10	9.8	10	1.4	3.7	4.8	8.4
27	10	9.8	10	1.4	3.7	4.8	8.4
28	10	9.8	10	1.4	3.7	4.8	8.4
29	10	9.8	10	1.4	3.7	4.8	8.4
30	10	9.8	10	1.4	3.7	4.8	8.4
31	.....	9.8	.....	1.4	3.7	.....	8.4
Mean	10	9.8	3	3.6	3.6	4.0	8.4
Max.	10	9.8	10	6.0	3.7	4.8	8.4
Min.	10	9.8	0	1.4	3.5	3.2	8.4
A. F.	298	603	198	224	224	238	516

Area reported  
450 acres.  
Water used  
2301 A. F.  
Per acre 5.11 A. F.

1927					
Date	May	June	July	Aug.	Sept.
1	5.7	7.8	5.8	11	2.5
2	5.7	7.8	5.8	11	2.5
3	5.7	7.8	5.8	11	2.5
4	5.7	7.8	5.8	11	2.5
5	5.7	7.8	5.8	11	2.5
6	5.7	7.8	5.8	11	2.5
7	5.7	7.8	5.8	11	2.5
8	5.7	7.8	5.8	11	2.5
9	5.7	7.8	5.8	11	2.5
10	5.7	7.8	5.8	11	2.5
11	5.7	7.8	0	10	2.5
12	5.7	7.8	0	10	2.5
13	5.7	7.8	0	10	2.5
14	5.7	7.8	0	10	2.5
15	5.7	7.8	0	10	2.5
16	5.7	7.8	0	10	2.5
17	5.7	7.8	0	10	2.5
18	5.7	7.8	0	10	2.5
19	5.7	7.8	0	10	2.5
20	5.7	7.8	0	10	2.5
21	10.9	7.8	11.0	10	7.3
22	10.9	7.8	11.0	10	7.3
23	10.9	7.8	11.0	10	7.3
24	10.9	7.8	11.0	10	7.3
25	10.9	7.8	11.0	10	7.3
26	10.9	7.8	11.0	10	7.3
27	10.9	7.8	11.0	10	7.3
28	10.8	7.8	11.0	10	7.3
29	10.9	7.8	11.0	10	7.3
30	10.9	7.8	11.0	10	7.3
31	10.9	.....	11.0	10	.....
Mean	7.5	7.8	5.8	10	4.1
Max.	10.9	7.8	11.0	11	7.3
Min.	5.7	7.8	0	10	1.5
A. F.	464	464	355	635	244

\*No record.

Area reported 450 acres.  
Water used 2162 A. F.  
Per acre 4.80 A. F.

DISCHARGE IN SECOND-FEET OF INTERSTATE CANAL  
(Pathfinder Irrigation District)

Diverted from North Platte River. Application 768—Date of Priority September 19, 1904

Date	1915					
	Apr.	May	June	July	Aug.	Sept.
1	.....	889	440	1400	1350	1140
2	.....	880	590	1405	1320	1140
3	.....	880	790	1415	1320	1200
4	.....	880	765	1415	1320	1200
5	.....	880	787	1415	1320	1200
6	.....	775	787	1415	1365	1200
7	.....	775	595	1415	1365	1060
8	.....	775	630	1415	1300	1060
9	.....	775	630	1415	1256	975
10	.....	775	630	1415	1190	900
11	.....	814	630	1415	1140	800
12	.....	840	678	1415	1120	800
13	.....	905	750	1415	1120	800
14	.....	920	812	1415	1120	725
15	.....	879	812	1415	1110	725
16	.....	930	800	1415	1110	621
17	.....	970	800	1415	1120	621
18	.....	735	800	1415	1100	621
19	.....	.....	912	1415	1100	621
20	.....	.....	1060	1415	1100	621
21	.....	.....	1110	1415	1100	621
22	.....	.....	1140	1415	1100	621
23	.....	.....	1200	1415	1100	621
24	200	.....	1175	1415	1100	621
25	570	.....	1280	1415	1100	621
26	666	.....	1340	1415	1024	620
27	655	.....	1350	930	970	620
28	681	.....	1380	.....	970	620
29	840	100	1395	250	1013	.....
30	880	445	1395	1087	1090	.....
31	.....	500	.....	1275	1090	.....

Date	1916					
	Apr.	May	June	July	Aug.	Sept.
1	.....	672	1250	1435	1330	1210
2	.....	709	1320	1435	1410	1200
3	.....	684	1285	1435	1450	1200
4	.....	810	1285	1435	1500	1200
5	.....	850	1285	1440	1500	1200
6	.....	900	1335	1440	1425	1200
7	.....	955	1350	1440	1490	1200
8	.....	1095	1390	1445	1520	1200
9	.....	1155	1390	1450	1535	1200
10	.....	1235	1390	1450	1535	1200
11	.....	1330	1400	1450	1535	1200
12	.....	1330	1400	1450	1535	1200
13	.....	1330	1150	1450	1535	1200
14	.....	1205	1120	1535	1535	1145
15	.....	1150	1120	1535	1535	1140
16	.....	1275	1120	1535	1535	1135
17	.....	1275	1120	1535	1500	1135
18	.....	1275	1120	1535	1525	1135
19	.....	1275	1120	1535	1525	1135
20	.....	1275	1120	1535	1525	1135
21	.....	1100	1125	1535	1520	1135
22	.....	1040	1190	1535	1535	1135
23	.....	1040	1240	1535	1525	1150
24	.....	1040	1285	250	1475	1150
25	.....	1040	1300	.....	1415	1150
26	.....	268	1040	1390	.....	1450
27	.....	528	1040	1405	380	1430
28	.....	580	1040	1410	700	1340
29	.....	592	1100	1425	975	1340
30	.....	599	1160	1435	1250	1340
31	.....	1230	.....	1275	1280	.....

Record furnished by U. S. Bureau of Reclamation.



## STATE OF NEBRASKA

## Interstate Canal from North Platte River—Continued

Date	1917						
	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	618	855	1520	1625	1630	950
2	.....	695	855	1520	1625	1630	300
3	.....	772	855	1520	1625	1630	530
4	.....	775	855	1520	1625	1630	770
5	.....	781	855	1520	1625	1630	820
6	.....	618	855	1520	1625	1630	800
7	.....	820	855	1520	1625	1280	850
8	.....	813	595	1530	1625	1340	685
9	.....	823	595	1535	1625	1390	660
10	.....	830	595	1545	1625	1390	660
11	.....	830	650	1555	1625	1490	660
12	.....	852	683	1555	1625	1490	670
13	.....	850	683	1555	1625	1490	715
14	.....	878	683	1555	1625	1490	730
15	.....	907	997	1555	1625	1500	730
16	.....	918	1198	1555	1625	1500	*
17	.....	934	830	1560	1625	1475	.....
18	.....	950	653	1560	1625	1400	.....
19	.....	950	750	1575	1625	1400	.....
20	.....	950	1188	1600	1400	1400	.....
21	.....	950	1260	1600	1525	1400	.....
22	350	950	1369	1600	1570	1290	.....
23	526	950	1422	1600	1570	1260	.....
24	608	950	1453	1600	1610	1260	.....
25	685	918	1479	1600	1610	1200	.....
26	502	850	1479	1600	1615	1200	.....
27	538	855	1495	1600	1625	1200	.....
28	533	855	1510	1600	1630	1200	.....
29	565	855	1517	1600	1630	950	.....
30	594	855	1517	1625	1630	935	.....
31	.....	855	.....	1625	1630	.....	.....
Mean	544	852	1020	1565	1610	1390	709
Max.	685	950	1517	1625	1630	1630	950
Min.	350	618	595	1520	1400	935	300
A. F.	9711	52378	60667	96249	99016	82731	21084

Date	1918						
	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	824	1408	1610	1660	1645	650
2	.....	848	1416	1625	1650	1645	675
3	.....	874	1425	1630	1650	1645	700
4	.....	874	1425	1630	1650	1607	720
5	.....	873	1425	1633	1650	1470	720
6	.....	892	1425	1637	1500	1470	724
7	.....	887	1425	1645	1650	1470	740
8	.....	915	1425	1650	1637	1470	740
9	.....	890	1475	1650	1580	1428	655
10	280	845	1485	1650	1512	1420	550
11	460	885	1485	1655	1490	1420	465
12	730	885	1483	1660	1512	1420	300
13	720	885	1500	1660	1535	1420	300
14	645	899	1525	1600	1535	1425	300
15	645	906	1540	1573	1550	1340	240
16	645	931	1545	1655	1580	1160	290
17	725	964	1552	1650	1580	1160	320
18	735	1023	1570	1650	1580	1160	410
19	735	1096	1580	1650	1580	1160	485
20	740	1148	1580	1650	1580	1160	500
21	780	1179	1590	1650	1610	1080	520
22	795	1251	1600	1650	1595	860	520
23	795	1300	1590	1650	1610	860	500
24	766	1330	1585	1653	1625	830	500
25	766	1330	1590	1660	1640	750	450
26	803	1330	1590	1660	1550	750	400
27	823	1330	1595	1660	1640	750	350
28	815	1339	1600	1660	1640	750	0
29	824	1360	1605	1660	1640	750	0
30	824	1370	1610	1660	1645	700	0
31	.....	1385	.....	1660	1645	.....	0
Mean	717	1060	1522	1645	1597	1206	443
Max.	824	1385	1610	1660	1660	1645	740
Min.	280	824	1408	1573	1490	700	240
A. F.	29853	65153	90544	101130	98184	71753	27221

Record furnished by U. S. Bureau of Reclamation.

\*No record.

Interstate Canal from North Platte River—Continued  
1919

Date	May	June	July	Aug.	Sept.	Oct.
1	0	1580	1690	1725	1700	925
2	0	1620	1690	1725	1700	925
3	130	1620	1690	1725	1710	725
4	322	1620	1690	1725	1725	925
5	384	1620	1700	1725	1725	925
6	490	1625	1700	1725	1725	925
7	570	1630	1700	1725	1600	925
8	600	1630	1700	1725	1570	925
9	720	1630	1700	1725	1600	925
10	800	1630	1700	1725	1600	925
11	800	1630	1700	1725	1570	950
12	815	1635	1700	1725	1300	925
13	865	1635	1700	1725	1000	925
14	960	1645	1700	1725	1000	995
15	900	1645	1700	1725	1130	975
16	900	1650	1700	1725	1075	940
17	900	1650	1710	1725	1000	940
18	1000	1650	1710	1725	1000	940
19	1100	1650	1710	1725	1000	920
20	1170	1650	1710	1725	1000	920
21	1235	1530	1720	1725	1000	920
22	1300	1630	1720	1725	975	920
23	1350	1650	1720	1725	900	920
24	1525	1650	1720	1725	950	920
25	1525	1660	1720	1725	950	920
26	1480	1660	1720	1725	1000	920
27	1485	1660	1720	1725	1000	810
28	1500	1660	1725	1725	925	810
29	1525	1660	1725	1725	925	650
30	1540	0	1725	1725	925	300
31	1570	.....	1725	1725	.....	0
Mean	950	1580	1708	1725	1243	858
Max.	1570	1660	1725	1725	1725	995
Min.	0	0	1690	1725	300	0
A. F.	58436	94028	105006	106068	73944	52741

1920

Date	May	June	July	Aug.	Sept.	Oct.
1	0	1115	1400	1700	1500	800
2	0	1080	1430	1650	1550	800
3	0	1100	1470	1650	1550	800
4	0	1100	1525	1650	1550	800
5	0	1100	1540	1650	1550	800
6	0	1130	1580	1650	1500	800
7	0	1230	1580	1650	1500	800
8	0	1320	1600	1650	1500	800
9	0	1405	1625	1650	1500	800
10	0	1455	1650	1650	1500	800
11	0	1485	1650	1650	1500	800
12	0	1500	1650	1650	1400	800
13	0	1520	1650	1650	1400	800
14	0	1540	1670	1650	1350	800
15	0	1540	1690	1650	950	800
16	0	1540	1690	1650	400	800
17	0	1500	1690	1650	300	800
18	0	180	1690	1650	1300	800
19	0	920	1690	1650	1300	800
20	0	880	1690	1650	1100	800
21	0	1250	1690	1650	900	850
22	240	1350	1700	1650	1100	850
23	690	1413	1700	1650	1100	850
24	770	1430	1700	1650	1300	850
25	770	1450	1700	1650	1075	800
26	870	1400	1700	1650	1075	675
27	960	1360	1700	1700	1000	600
28	960	1325	1725	1325	900	500
29	1010	1325	1700	1400	800	300
30	1105	1325	1700	1500	800	0
31	1150	.....	1700	1500	.....	0
Mean	275	1276	1641	1625	1208	719
Max.	1150	1540	1725	1700	1550	850
Min.	0	180	1400	1325	300	0
A. F.	16909	75903	100909	99919	71901	44182

Record furnished by U. S. Bureau of Reclamation.

## Interstate Canal from North Platte River—Continued

1921							
Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	1025	800	1575	1635	1700	815
2		1050	800	1600	1540	1700	815
3		1050	800	600	1540	1700	815
4		1050	600	1560	1540	1700	815
5		1100	600	1600	1540	1650	815
6		1125	600	1625	1600	1650	825
7		1000	450	1650	1600	1650	840
8		1000	350	1660	1625	1625	840
9		1050	350	1675	1670	1575	840
10		1100	500	1690	1700	1575	840
11		1100	425	1690	1700	1550	840
12		1150	500	1690	1750	1475	840
13		1150	600	1700	1750	1450	840
14		1150	900	1710	1750	1450	840
15		1150	975	1710	1750	1450	840
16	50	1150	1050	1710	1750	1450	840
17	100	1150	0	1725	1750	1350	840
18	175	1150	0	1725	1750	1350	840
19	550	1100	0	1725	1750	1350	850
20	700	1050	0	1730	1750	1325	850
21	740	1050	0	1730	1750	1225	850
22	780	1050	0	1730	1750	1250	850
23	815	1050	0	1730	1750	1075	850
24	900	1050	750	1730	1750	1025	725
25	950	1050	950	1730	1750	1000	300
26	950	1050	1200	1730	1750	1075	0
27	950	1050	1230	1730	1750	1075	0
28	950	800	1390	1745	1725	1075	0
29	950	800	1507	1710	1700	900	0
30	975	800	1537	1710	1700	900	0
31		800		1710	1700		0
Mean	702	1045	629	1656	1694	1378	653
Max.	975	1150	1537	1745	1750	1700	850
Min.	50	800	0	600	1540	900	0
A. F.	20896	64265	37416	101822	104163	81967	40175

1922							
Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	463	1251	1650	1587	1765	900
2		463	1150	1600	1500	1765	900
3		463	1132	1600	1530	1765	900
4		513	1132	1600	1630	1765	950
5		600	1172	1663	1630	1765	950
6		757	1289	1675	1630	1765	950
7		870	1430	1687	1668	1750	965
8		954	1445	1708	1680	1735	940
9		984	1477	1720	1710	1750	960
10		984	1539	1760	1760	1770	960
11		817	1555	1760	1760	1740	960
12		773	1565	1780	1750	1770	960
13		766	1630	1770	1770	1770	950
14		766	1675	1780	1780	1770	960
15		760	1675	1790	1790	1720	940
16		766	1675	1810	1800	1676	940
17		798	1675	1820	1800	1670	940
18		849	1575	1820	1800	1555	250
19		868	1580	1820	1800	1215	840
20		928	1610	1800	1800	1425	930
21		962	1632	1810	1800	1400	920
22		972	1655	1785	1800	1400	920
23		996	1670	1815	1800	1400	920
24	100	1019	1660	1815	1800	1350	920
25	200	1051	1665	1820	1800	1300	920
26	250	1101	1670	1820	1800	1275	860
27	350	1284	1670	1820	1800	1225	850
28	450	1313	1675	1710	1800	1200	840
29	463	1251	1690	1420	1775	1065	840
30	463	1251	1700	1420	1765	950	840
31		1251		1420	1765		840
Mean	325	889	1531	1718	1739	1549	894
Max.	463	1313	1700	1820	1800	1770	965
Min.	100	463	1132	1420	1500	950	250
A. F.	4514	54690	91089	105657	106910	92175	54972

Record furnished by U. S. Bureau of Reclamation.

\*No record.

# HYDROGRAPHIC REPORT—1928

1149

## Interstate Canal from North Platte River—Continued 1923

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	823	891	1214	1590	1700	850
2	.....	851	903	1265	1590	1650	850
3	.....	901	935	1640	1590	1650	850
4	.....	913	867	1640	1590	1600	850
5	.....	915	981	1640	1590	1520	698
6	.....	919	1054	1700	1590	1560	376
7	.....	926	1025	1700	1590	1600	230
8	.....	927	1025	1820	1540	1645	230
9	.....	944	913	1820	1490	1695	*
10	.....	927	638	1750	1490	1665	.....
11	.....	936	563	1750	1490	1665	.....
12	.....	985	495	1820	1490	1610	.....
13	.....	865	525	1820	1490	1510	.....
14	.....	865	491	1820	1490	1510	.....
15	250	720	493	1720	1590	1410	.....
16	250	615	511	1720	1390	1410	.....
17	280	615	515	1720	1320	1403	.....
18	385	615	559	1720	1320	1253	.....
19	463	615	614	1735	1320	1253	.....
20	618	650	750	1780	1320	1153	.....
21	667	725	787	1820	1320	1103	.....
22	717	672	784	1828	1320	1103	.....
23	717	578	790	1828	1470	1103	.....
24	779	490	836	1828	1570	1125	.....
25	771	514	909	1814	1570	1050	.....
26	776	523	1046	1790	1590	1050	.....
27	781	581	1130	1790	1660	1050	.....
28	771	698	1169	1690	1737	900	.....
29	823	789	1162	1590	1787	900	.....
30	811	791	1149	1590	1760	900	.....
31	.....	780	.....	1590	1660	.....	.....
Mean	616	764	817	1708	1526	1358	617
Max.	823	985	1169	1828	1787	1700	850
Min.	250	490	491	1214	1320	900	230
A. F.	19555	46945	48615	105030	93847	80819	9786

## 1924

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	700	1466	900	2109	1976	886
2	.....	800	1466	1130	2109	1960	938
3	.....	800	1466	1415	2124	1985	845
4	.....	800	1466	1504	2124	1985	771
5	.....	800	1466	1677	2124	1985	842
6	.....	900	1489	1723	2124	1998	931
7	.....	900	1489	1833	2128	1885	931
8	.....	900	1489	1904	2128	1885	920
9	.....	900	1392	2104	2132	1885	900
10	.....	900	1592	2079	2074	1885	1160
11	.....	1000	1456	2052	2074	1720	1196
12	.....	1050	1522	2052	2059	1769	1085
13	.....	700	1300	2070	2049	1415	1066
14	.....	700	1360	2054	2048	1450	1075
15	.....	850	1640	2061	2048	1260	1075
16	.....	400	1750	2069	2022	1330	0
17	.....	850	1882	2068	2022	1330	*
18	.....	1000	1993	2068	2036	1288	.....
19	542	1000	2067	2068	2000	1276	.....
20	600	1100	2080	2073	2045	1276	.....
21	600	1325	2080	2099	2027	1193	.....
22	600	1575	1950	2099	2023	1032	.....
23	700	1595	2032	2111	2019	1059	.....
24	700	1545	1850	2115	2019	1059	.....
25	700	1595	1850	2115	2019	1059	.....
26	700	1645	2092	2110	2019	1059	.....
27	700	1697	2092	2104	2019	1008	.....
28	700	1697	2046	2105	2013	1010	.....
29	750	1628	2046	2105	2013	1013	.....
30	750	1526	900	2112	1997	988	.....
31	.....	1466	.....	2112	1998	.....	.....
Mean	670	1108	1682	1938	2056	1467	908
Max.	750	1697	2092	2112	2132	1998	1160
Min.	542	400	900	900	1997	988	0
A. F.	15951	68117	100700	119190	126436	87318	28822

Record furnished by U. S. Bureau of Reclamation.  
\*No record.

## Interstate Canal from North Platte River—Continued

1925							
Date	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*	569	237	950	1959	1420	1678
2		703	605	920	1938	1390	1724
3		713	612	866	1839	1436	1724
4		739	598	1160	1839	1529	1724
5		524	756	1190	1839	1637	1724
6		392	1083	1205	1839	1706	1690
7		590	1208	1077	1828	1834	1659
8		679	1358	1010	1830	1911	1584
9		733	1358	1190	1870	1911	1575
10		733	1358	1070	1885	1911	1569
11		733	1540	1025	1901	1898	1533
12		533	1540	718	1901	1902	1533
13		625	1540	754	1910	1850	1498
14		668	1540	1040	1910	1779	1436
15		668	1540	1205	1916	1776	1436
16		668	1370	1205	1916	1700	1405
17		707	1000	1336	1916	1653	1374
18		746	1075	1441	1916	1700	1260
19		723	1263	1540	1916	1700	1281
20		681	1190	1600	1957	1653	1281
21		570	1190	1663	1857	1653	1259
22		582	1190	1757	1757	1653	1220
23		500	1190	1759	300	1659	1281
24		438	1190	1770	1619	1709	1283
25		415	1115	1770	1699	1755	1281
26		385	840	1739	1544	1799	1296
27		340	1070	1739	1591	1853	1286
28	86	255	955	1739	1591	1853	1296
29	267	215	600	1817	1498	1857	1107
30	383	163	700	1894	1467	1793	0
31	432		928		1451	1764	
Mean	292	568	1088	1336	1768	1730	1400
Max.	432	746	1540	1894	1959	1911	1724
Min.	86	163	237	718	900	1390	0
A. F.	2317	33799	66921	79521	108693	106401	83301

1926							
Date	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*	243	947	1247	1876	1414	1885
2		204	950	1582	1820	1557	1900
3		354	901	1473	1523	1684	1857
4		332	832	1510	1547	1777	1749
5		297	866	1560	1560	1731	1662
6		366	854	1563	1473	1755	1612
7		456	850	1653	1529	1814	1526
8		488	856	1715	1467	1746	1451
9		522	779	1684	1452	1746	1352
10		589	759	1687	1328	1777	1299
11		624	759	1687	1312	1783	1296
12		702	720	1699	1300	1731	1371
13		770	730	1674	1349	1653	1324
14		848	720	1671	1482	1638	1289
15		962	730	1709	1529	1579	1289
16		991	732	1162	1482	1579	1265
17		993	744	1100	1479	1585	1235
18		574	739	1100	1470	1619	1205
19		638	752	1076	1504	1653	1265
20		640	752	1082	1597	1721	1205
21		981	770	1115	1581	1690	1212
22		1007	778	1100	1581	1699	1265
23	180	1011	872	1112	1581	1718	1265
24	403	1008	874	1100	1514	1727	1265
25	467	918	871	1100	1467	1727	995
26	516	938	1055	1097	1421	1721	980
27	444	935	1055	1300	1405	1783	992
28	381	938	1052	1598	1396	1802	992
29	354	935	980	1813	1436	1834	871
30	340	941	1010	1892	1359	1885	186
31	270		1004		1352	1885	
Mean	373	707	848	1429	1489	1710	1300
Max.	516	1011	1055	1892	1876	1885	1900
Min.	180	204	720	1076	1300	1414	186
A. F.	6655	42060	52151	85015	91582	105151	77356

Area reported 94178 acres.

Water used 459970 A. F.

Per acre 4.88 A. F.

Record furnished by U. S. Bureau of Reclamation.

\*No record.

# HYDROGRAPHIC REPORT—1928

1151

## Interstate Canal from North Platte River—Continued

1927						
Date	Apr.	May	June	July	Aug.	Sept.
1	0	540	910	1305	1600	1606
2	0	766	950	1271	1600	1678
3	0	915	900	1271	1389	1693
4	370	809	900	1287	1142	1724
5	401	859	900	1352	1142	1779
6	401	670	900	1405	1295	1779
7	396	670	950	1544	1235	1795
8	400	125	995	1681	1296	1816
9	385	400	1100	1883	1235	1794
10	0	440	1256	1902	1190	1665
11	0	742	1300	1950	1199	1607
12	0	742	1303	2005	1202	1607
13	0	742	1405	2010	1202	1554
14	0	840	1405	2050	1205	1513
15	0	849	1287	2050	1374	1432
16	0	840	1230	1950	1411	1392
17	0	815	1312	1975	1414	1390
18	0	840	1321	1980	1405	1389
19	138	850	1321	1980	1408	1389
20	298	852	1327	1985	1405	1389
21	300	840	1327	1985	1374	1290
22	298	852	1374	2025	1482	1290
23	268	860	1414	2060	1544	1346
24	268	860	1452	2040	1544	1199
25	267	866	1538	2055	1600	1208
26	424	935	1560	1970	1668	1100
27	500	989	1659	1970	1606	995
28	540	879	1819	1945	1605	980
29	552	670	1296	1905	1662	921
30	540	820	1160	1935	1659	646
31	.....	910	.....	1905	1625	.....
Mean	225	767	1254	1827	1410	1432
Max.	552	989	1819	2060	1662	1816
Min.	0	125	900	1271	1142	646
A. F.	13331	47181	74641	112328	86715	85223

Area reported 97354 acres.  
Water used 419469 A. F.  
Per acre 4.31 A. F.

1928							
Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	1121	1827	1073	1235	2010	1346
2	.....	1144	1822	1073	1260	2000	1358
3	.....	1144	1827	1193	1428	0	1281
4	.....	1144	1711	1495	1372	1100	1175
5	.....	1144	1632	1718	1372	1510	990
6	.....	1144	1514	1905	1372	1730	980
7	.....	1144	1459	2000	1381	1875	980
8	.....	1144	1459	2100	1459	1970	950
9	.....	1249	1521	1946	1536	1960	921
10	.....	1249	1397	1991	1617	1862	921
11	.....	1290	1288	2026	1857	1862	893
12	.....	1405	1180	2026	1986	1737	866
13	.....	1467	970	2026	1975	1737	893
14	.....	1467	970	2026	1985	1705	893
15	295	1306	970	2051	1985	1760	893
16	423	1436	240	2051	1985	1668	840
17	533	1436	0	2051	2032	1660	361
18	585	1436	0	2051	2057	1668	*
19	610	1513	250	2051	2052	1668	.....
20	707	1513	718	2051	2057	1668	.....
21	726	1486	817	1950	2052	1668	.....
22	918	1544	817	1900	2052	1653	.....
23	918	1622	817	1900	2077	1632	.....
24	840	1702	817	1875	2082	1575	.....
25	900	1718	817	1850	2020	1575	.....
26	972	1773	817	1850	2020	1560	.....
27	946	1823	817	1850	2030	1529	.....
28	959	1891	811	1575	2020	1498	.....
29	1008	1950	866	800	2020	1467	.....
30	1011	2000	951	866	2025	1420	.....
31	.....	2000	.....	800	2025	.....	.....
Mean	772	1465	1037	1746	1819	1624	972
Max.	1011	2000	1827	2051	2082	2010	1358
Min.	295	1121	0	800	1235	0	361
A. F.	24498	90060	61690	107345	111820	96649	32790

Area reported 100144 acres.  
Water used 524850 A. F.  
Per acre 5.24 A. F.

Record furnished by U. S. Bureau of Reclamation.  
\*No record.

STATE OF NEBRASKA

DISCHARGE IN SECOND-FEET OF KEARNEY CANAL  
 Diverted from Platte River. Docket 1023—Date of Priority September 10, 1882  
 Application 1577—Date of Priority February 12, 1920  
 Application 1588—Date of Priority August 12, 1920

Date	1919					1921				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	146	125	8	16	261	250	213	250	213
2	....	140	125	8	16	262	249	212	247	214
3	....	190	96	8	16	263	248	211	244	215
4	....	140	96	8	16	263	247	211	241	217
5	....	130	96	9	16	263	246	210	238	218
6	....	195	96	12	16	269	245	210	235	220
7	....	195	160	15	10	264	244	210	232	222
8	....	190	146	23	10	264	243	209	230	223
9	....	166	125	50	10	264	241	209	227	225
10	....	166	125	76	10	264	240	209	224	227
11	....	146	105	116	10	263	239	209	221	230
12	....	195	105	112	10	263	237	209	218	233
13	....	190	100	76	10	263	235	209	215	236
14	....	174	125	35	10	263	234	205	212	238
15	....	176	125	22	10	263	232	260	209	240
16	....	174	125	20	10	262	230	260	206	242
17	....	170	125	18	100	262	228	259	204	244
18	190	152	125	18	112	262	227	258	204	245
19	190	163	154	17	196	261	225	258	204	247
20	160	176	154	16	196	260	224	257	204	248
21	152	202	154	16	202	260	223	257	204	249
22	160	195	112	16	202	256	222	256	204	250
23	125	170	112	16	196	259	220	255	205	251
24	152	166	98	16	196	258	219	255	205	252
25	125	150	75	16	196	257	218	254	206	253
26	152	118	75	16	196	256	217	254	207	253
27	152	135	75	16	184	255	216	253	208	254
28	152	174	75	16	....	254	215	252	209	255
29	152	152	75	16	....	253	214	252	210	255
30	152	180	25	16	....	252	214	251	211	256
31	152	....	20	16	....	251	....	251	212	....
Mean	155	167	107	27	80	260	231	236	218	238
Max.	190	202	160	116	202	269	250	260	250	256
Min.	125	118	20	8	10	251	214	209	204	213
A. F.	4296	9949	6603	1672	4308	16007	13769	14495	13380	14132
Water used	26828	A. F.				Water used	71783	A. F.		

Date	1922											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	248	228	230	196	261	308	280	240	21	116	352	274
2	248	228	200	196	262	312	310	260	18	132	350	273
3	248	228	200	196	263	320	320	280	14	148	350	272
4	248	228	200	196	264	324	340	300	12	164	346	272
5	248	228	200	196	265	328	372	312	10	180	343	272
6	244	222	200	196	267	332	382	332	7	196	340	271
7	244	222	200	196	268	324	400	352	4	212	337	270
8	244	222	200	196	268	316	413	372	0	228	333	269
9	244	222	200	196	269	308	410	388	16	244	330	268
10	244	222	200	196	270	300	408	408	36	260	326	267
11	244	216	200	196	270	296	407	396	60	276	322	266
12	244	216	200	200	269	284	405	360	74	292	318	266
13	244	216	200	204	268	284	404	340	96	308	316	265
14	244	216	200	208	267	276	402	320	116	324	312	265
15	244	216	200	212	266	272	400	300	140	340	310	264
16	236	212	198	216	266	264	396	280	160	360	306	264
17	236	212	198	220	265	256	394	260	168	380	302	263
18	236	212	198	224	264	252	392	240	180	392	298	262
19	236	212	198	228	264	244	391	220	236	400	295	261
20	236	212	198	232	263	240	390	200	216	398	292	260
21	236	208	198	236	262	232	388	180	200	396	288	260
22	236	208	198	240	261	188	386	160	192	392	286	259
23	236	208	198	244	260	142	384	140	172	388	282	258
24	236	208	198	248	264	112	383	120	160	384	280	257
25	236	208	198	252	268	132	382	100	148	380	280	256
26	236	204	196	256	272	160	260	80	132	378	278	255
27	236	203	196	257	276	180	114	60	120	374	277	254
28	236	202	196	258	280	200	160	32	104	370	276	253
29	232	....	196	259	288	220	180	30	91	368	275	252
30	232	....	196	260	292	240	200	26	100	364	274	252
31	232	....	196	....	300	....	220	23	....	360	....	251
Mean	240	216	199	220	269	255	345	229	100	307	309	263
Max.	248	228	200	260	300	332	413	408	236	400	352	274
Min.	232	....	196	196	261	112	144	23	0	116	274	251
A. F.	14765	11978	12210	13111	16546	15166	21209	14104	5956	18851	18395	16167
Water used	178458	A. F.										

\*No record.

HYDROGRAPHIC REPORT—1928

1153

Kearney Canal from Platte River—Continued

1923												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	300	230	250	240	315	365	200	450	295	435	422	400
2	300	230	250	245	315	365	180	465	280	435	422	400
3	300	230	250	250	315	365	160	475	270	435	422	400
4	300	230	250	250	320	370	145	490	265	435	422	400
5	300	230	250	255	320	370	130	500	260	435	422	400
6	295	220	250	260	320	370	120	505	270	435	422	400
7	295	220	250	265	325	370	105	515	290	435	422	400
8	295	220	250	270	325	375	90	510	310	435	422	400
9	295	220	250	275	325	375	90	490	330	435	422	400
10	295	220	250	280	330	375	95	455	350	435	422	400
11	290	225	245	280	330	375	105	425	370	437	422	400
12	290	225	245	280	330	375	110	415	390	437	422	400
13	290	225	245	285	335	380	140	410	405	437	422	400
14	290	225	245	285	335	380	150	405	415	437	422	400
15	290	225	245	285	335	380	160	400	420	437	422	400
16	280	235	240	290	340	380	180	390	420	440	400	400
17	280	235	240	290	340	380	200	385	420	440	400	400
18	280	235	240	290	340	380	220	380	420	440	400	400
19	280	235	240	290	345	375	240	385	420	420	400	400
20	280	235	240	290	345	375	255	370	425	400	400	400
21	265	240	230	295	345	365	270	365	425	400	400	400
22	265	240	230	295	350	355	290	360	425	400	400	400
23	265	240	230	300	350	345	300	355	425	400	400	400
24	265	240	230	300	350	330	320	350	425	400	400	400
25	265	240	230	305	355	310	340	350	430	400	400	400
26	260	250	225	305	355	300	330	345	430	400	400	400
27	260	250	230	305	355	270	365	335	430	400	400	400
28	260	250	230	310	360	250	380	330	430	400	400	400
29	260	...	230	315	360	210	415	315	430	400	400	400
30	260	...	230	315	360	210	415	315	430	400	400	400
31	260	...	240	...	360	...	430	305	...	400	...	400
Mean	281	232	241	283	338	348	224	405	377	422	411	400
Max.	300	250	270	315	360	380	430	515	430	440	422	400
Min.	260	220	225	240	315	210	90	305	260	400	400	400
A. F.	17276	12893	14797	16860	20797	20678	13785	24883	22423	25034	24456	24595
Water used	239377 A. F.											

1924												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	380	387	410	393	390	402	402	432	452	320	455	455
2	380	387	410	393	390	402	402	432	452	320	455	455
3	380	387	410	393	390	402	402	432	452	320	455	455
4	380	387	410	393	390	402	402	432	452	320	455	455
5	380	387	410	393	390	402	402	432	452	320	455	455
6	380	387	410	393	390	402	402	332	270	320	455	455
7	380	387	410	393	390	402	402	332	270	320	455	455
8	380	387	410	393	390	402	402	332	270	320	455	455
9	380	387	410	393	390	402	402	447	270	320	455	455
10	380	387	410	393	390	402	402	447	270	320	455	455
11	380	387	410	393	390	402	423	447	270	400	455	455
12	380	387	410	393	390	402	423	447	270	400	455	455
13	380	387	410	393	390	402	423	447	270	400	455	455
14	380	387	410	393	390	402	423	447	270	400	455	455
15	380	387	410	393	390	402	423	447	270	400	455	455
16	380	387	410	393	390	402	423	447	270	430	455	455
17	380	387	410	393	390	402	423	447	270	430	455	455
18	380	387	410	393	390	402	423	447	270	430	455	455
19	380	387	410	393	390	402	423	447	270	430	453	455
20	380	387	410	393	390	402	423	447	270	430	455	455
21	380	387	410	393	390	402	423	440	270	430	455	455
22	380	387	410	393	390	402	423	440	270	430	455	455
23	380	387	410	393	390	402	423	440	270	430	455	455
24	380	387	410	393	390	402	423	440	270	430	455	455
25	380	387	410	393	390	402	423	440	270	430	455	455
26	380	387	410	393	390	402	423	452	270	456	455	455
27	380	387	410	393	390	402	423	452	270	456	455	455
28	380	387	410	393	390	402	423	452	270	456	455	455
29	380	387	410	393	390	402	423	452	270	456	455	455
30	380	...	410	393	390	402	423	452	270	456	455	455
31	380	...	410	...	390	...	423	452	...	456	...	455
Mean	380	387	410	393	390	402	416	433	300	395	455	455
Max.	380	387	410	393	390	402	423	452	452	456	455	455
Min.	380	387	410	393	390	402	402	332	270	320	455	455
A. F.	23366	22260	25210	23385	23981	23921	25593	26642	17871	24270	27074	27977
Water used	291550 A. F.											



## Kearney Canal from Platte River—Continued

Date	1925											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	350	368	272	262	377	304	284	100	513	485	370	350
2	350	368	272	262	377	304	150	100	513	485	370	350
3	350	368	272	262	377	304	66	100	513	485	370	350
4	350	368	272	262	377	304	66	100	513	485	370	350
5	350	368	272	262	377	304	66	100	513	485	370	350
6	350	368	272	262	377	304	59	398	513	485	370	350
7	350	368	272	262	377	304	59	398	513	485	370	350
8	350	368	272	262	377	304	59	398	513	485	370	350
9	350	368	272	262	377	304	59	398	513	485	370	350
10	350	368	272	262	377	304	59	414	513	485	370	350
11	350	368	272	262	405	457	50	414	513	485	370	350
12	350	368	272	262	405	457	50	414	513	485	370	350
13	350	368	272	262	405	457	50	414	513	485	370	350
14	350	368	272	262	405	457	50	414	513	485	370	350
15	350	368	272	262	405	457	50	414	513	485	370	350
16	350	368	272	262	405	457	50	414	513	485	370	350
17	350	368	272	262	405	457	50	414	513	485	370	350
18	350	368	272	262	405	457	50	414	513	485	370	350
19	350	368	272	262	405	457	50	414	513	485	370	350
20	350	368	272	262	405	457	50	414	513	485	370	350
21	350	368	272	262	350	300	50	512	400	485	370	350
22	350	368	272	262	350	300	50	512	400	485	370	350
23	350	368	272	262	350	300	50	512	400	485	370	350
24	350	368	272	262	350	300	50	512	400	485	370	350
25	350	368	272	262	350	300	50	512	400	485	370	350
26	350	368	272	262	350	300	40	512	400	485	370	350
27	350	368	272	262	350	300	42	512	400	485	370	350
28	350	368	272	262	350	300	42	512	400	485	370	350
29	350	....	272	262	350	300	36	512	400	485	370	350
30	350	....	272	262	350	300	36	512	400	485	370	350
31	350	....	272	....	350	....	36	512	....	485	....	350
Mean	350	368	272	262	376	354	62	396	475	485	370	350
Max.	350	368	272	262	405	457	284	512	513	485	370	350
Min.	350	368	272	262	350	300	36	100	400	485	370	350
A. F.	21520	20438	16724	15590	23147	21044	3794	24353	28284	29821	22016	21520

Water used 248251 A. F.

Estimated for the season for the reason that gaging station was unsatisfactory.

Date	1926											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	380	310	355	370	425	410	485	455	440	410	400	295
2	380	260	355	380	425	455	470	470	440	410	400	295
3	400	260	355	370	425	440	470	410	410	410	400	295
4	370	260	355	380	425	440	470	410	410	410	380	260
5	350	340	355	380	425	455	470	380	410	410	355	260
6	400	340	355	370	425	455	470	380	410	410	355	125
7	380	340	295	370	455	470	380	440	410	410	355	0
8	380	325	150	380	410	455	470	380	440	410	355	235
9	380	355	250	400	400	455	470	380	440	410	355	260
10	380	370	355	400	470	455	380	380	440	410	150	0
11	380	250	355	400	470	470	470	380	440	410	355	260
12	380	355	355	400	470	455	470	380	440	400	325	295
13	380	380	150	400	455	455	320	380	410	410	355	260
14	380	380	0	380	470	455	470	380	410	410	355	260
15	380	325	320	380	470	470	470	380	410	410	355	260
16	380	0	355	380	440	470	485	380	410	410	355	295
17	380	0	355	380	440	455	485	380	410	410	355	295
18	380	0	355	370	440	470	440	380	410	410	355	295
19	380	240	355	370	440	470	470	380	410	410	295	295
20	340	249	355	380	440	455	485	380	410	410	295	295
21	355	370	355	400	440	470	510	380	410	410	285	295
22	355	355	355	380	440	455	510	380	410	410	0	295
23	340	370	355	400	440	470	510	380	410	410	295	295
24	355	355	355	380	440	470	510	380	410	410	325	295
25	355	355	355	400	410	455	510	380	410	410	295	295
26	355	325	355	400	410	470	510	380	410	410	295	295
27	355	325	280	400	440	470	470	380	410	400	250	295
28	355	325	0	400	440	470	470	380	410	410	295	295
29	355	....	0	400	440	470	470	380	410	400	295	295
30	355	....	0	400	355	470	440	440	410	400	295	295
31	310	....	380	....	440	....	440	380	....	400	....	295
Mean	369	290	288	387	436	460	466	391	417	408	308	262
Max.	400	380	355	400	470	470	510	470	440	410	400	325
Min.	310	0	0	370	410	410	320	380	410	400	0	0
A. F.	22681	16086	17702	23008	26807	27343	28662	24050	24814	25111	18347	16086

Water used 270697 A. F., Power and Irrigation.

# HYDROGRAPHIC REPORT—1928

1155

## Kearney Canal from Platte River—Continued

1927—

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	390	315	0	420	475	430	430	0	475	420	420	0
2	330	315	200	420	475	445	430	445	475	420	420	0
3	330	345	0	420	475	445	430	475	475	420	420	0
4	330	345	0	420	460	445	430	475	445	420	420	0
5	330	345	300	420	460	420	430	475	475	420	420	0
6	330	345	300	390	475	430	430	475	475	420	420	150
7	330	345	300	420	460	445	430	475	475	420	420	240
8	330	315	300	390	475	445	430	475	475	420	420	255
9	360	315	400	420	475	445	430	475	445	420	420	300
10	360	300	400	420	475	445	430	475	445	420	420	360
11	360	315	400	420	475	430	430	475	445	420	420	315
12	270	315	375	475	460	445	445	475	445	420	390	330
13	240	315	270	445	475	445	445	475	445	420	390	360
14	240	315	345	520	0	445	445	475	445	420	390	360
15	315	315	300	590	460	445	445	475	445	420	0	360
16	315	315	500	420	460	445	445	475	445	420	0	360
17	315	315	500	420	460	445	375	475	445	420	245	375
18	315	105	420	475	460	430	375	475	445	430	150	390
19	315	315	300	445	460	420	445	475	445	430	150	390
20	315	315	150	420	460	430	445	475	460	430	390	390
21	315	315	0	445	460	430	445	445	475	420	300	390
22	285	315	240	475	460	430	360	475	475	420	390	390
23	345	315	240	475	475	430	300	475	475	420	130	390
24	315	315	330	475	475	430	150	475	420	420	100	390
25	330	270	390	475	475	430	150	475	420	420	285	360
26	360	270	390	475	475	430	0	475	420	420	285	360
27	315	315	390	475	475	430	0	475	420	420	300	360
28	315	0	430	475	475	430	0	475	420	420	300	375
29	330	---	420	475	475	475	0	475	420	420	390	375
30	315	---	390	475	475	430	0	475	420	490	0	390
31	315	---	420	---	430	---	0	475	---	420	---	360
Mean	318	298	305	450	452	437	323	458	450	421	307	292
Max.	360	345	500	590	475	475	445	475	475	430	420	390
Min.	240	0	0	390	0	420	0	0	420	420	0	0
A. F.	19577	16542	18763	26757	27818	26023	19835	28146	26757	25884	18258	17940
Water used	272300	A. F.										

1928

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	*	*	*	430	400	390	360	85	500	625	*
2	.....	.....	.....	.....	360	400	390	360	90	500	475	.....
3	.....	.....	.....	.....	460	400	390	360	100	505	460	.....
4	.....	.....	.....	.....	445	400	390	355	110	490	500	.....
5	.....	.....	.....	.....	445	420	420	365	120	475	515	.....
6	.....	.....	.....	.....	445	420	420	365	118	480	530	.....
7	.....	.....	.....	.....	445	420	420	395	150	480	550	.....
8	.....	.....	.....	.....	145	420	420	390	205	540	570	.....
9	.....	.....	.....	.....	445	420	390	390	410	540	575	.....
10	.....	.....	.....	.....	445	420	420	430	435	530	565	.....
11	.....	.....	.....	.....	420	430	390	440	490	525	560	.....
12	.....	.....	.....	.....	400	460	420	440	490	525	?	.....
13	.....	.....	.....	.....	400	430	420	450	490	525	.....	.....
14	.....	.....	.....	.....	400	420	420	450	460	525	.....	.....
15	.....	.....	.....	.....	400	420	420	460	460	530	.....	.....
16	.....	.....	.....	.....	400	420	420	320	435	525	.....	.....
17	.....	.....	.....	.....	400	420	400	340	440	525	.....	.....
18	.....	.....	.....	.....	400	420	370	430	460	530	580	.....
19	.....	.....	.....	.....	400	420	360	370	435	555	585	.....
20	.....	.....	.....	.....	400	420	370	200	435	510	580	.....
21	.....	.....	.....	.....	400	420	370	17	480	505	595	.....
22	.....	.....	.....	.....	400	430	370	2	500	490	605	.....
23	.....	.....	.....	.....	400	370	370	24	510	500	?	.....
24	.....	.....	.....	.....	400	400	370	17	505	490	.....	.....
25	.....	.....	.....	.....	430	420	370	31	500	505	.....	.....
26	.....	.....	.....	.....	400	390	370	50	490	505	.....	.....
27	.....	.....	.....	.....	400	390	370	40	490	505	.....	.....
28	.....	.....	.....	.....	400	370	370	150	490	475	.....	.....
29	.....	.....	.....	.....	390	420	370	110	500	475	.....	.....
30	.....	.....	.....	.....	420	420	445	60	505	480	.....	.....
31	.....	.....	.....	.....	400	---	370	57	---	500	.....	.....
Mean	.....	.....	.....	.....	414	414	393	286	380	508	554	.....
Max.	.....	.....	.....	.....	460	460	445	460	510	555	625	.....
Min.	.....	.....	.....	.....	360	370	360	2	85	475	460	.....
A. F.	.....	.....	.....	.....	25438	24615	24168	16379	22588	31230	17594	.....
Water used	162012	A. F.										

\*No record. †Clock stopped.

**DISCHARGE IN SECOND-FEET OF KEITH-LINCOLN COUNTY CANAL**  
 Diverted from North Platte River, Docket 722—Date of Priority February 2, 1894

Date	1918			1919				
	June	July	Aug.	May	June	July	Aug.	Sept.
1	*	116	0	*	42	40	52	60
2	....	116	0	....	42	40	60	68
3	....	106	0	....	30	50	52	80
4	....	86	40	....	28	60	60	72
5	....	66	56	....	22	60	60	76
6	....	56	48	....	22	60	60	76
7	....	48	48	....	28	28	76	*
8	....	32	56	....	28	28	76	....
9	....	76	48	....	28	30	76	....
10	....	86	40	....	26	32	72	....
11	....	86	56	....	22	60	72	....
12	....	76	66	....	22	52	60	....
13	....	76	56	....	12	52	52	....
14	....	76	56	....	12	52	72	....
15	....	86	56	....	14	52	76	....
16	....	0	56	....	17	56	72	....
17	....	0	56	....	17	50	60	....
18	....	0	66	20	17	40	46	....
19	....	26	75	20	17	36	60	....
20	....	40	56	20	17	36	*	....
21	....	40	56	20	17	40	....	....
22	....	32	48	22	20	36	....	....
23	....	40	48	22	22	32	....	....
24	....	48	26	22	24	32	....	....
25	....	32	56	36	22	52	....	....
26	....	86	26	42	22	42	....	....
27	....	146	26	46	22	46	....	....
28	....	106	20	50	46	52	....	....
29	....	96	20	56	46	46	76	....
30	....	86	56	60	38	46	76	....
31	....	....	0	50	....	60	72	....
Mean	104	51	47	35	25	45	65	72
Max.	146	116	75	60	46	60	76	80
Min.	86	0	0	20	12	28	46	60
A. F.	1031	3162	2906	964	1471	2773	2852	857

Area reported 6300 acres.  
 Water used 7099 A. F.  
 Per acre 1.13 A. F.

Area reported 6383 acres.  
 Water used 8917 A. F.  
 Per acre 1.40 A. F.

Date	1920			1921				
	June	July	Aug.	May	June	July	Aug.	Sept.
1	*	80	73	*	68	0	111	85
2	....	90	73	....	68	0	94	68
3	....	90	73	....	59	0	85	59
4	....	90	73	....	68	0	85	*
5	....	90	73	....	0	0	94	....
6	....	46	90	....	0	0	94	....
7	....	41	90	....	0	0	94	....
8	....	39	80	28	0	103	85	....
9	....	33	80	28	0	103	75	....
10	....	31	80	28	0	103	85	....
11	....	33	80	28	0	103	75	....
12	....	33	73	28	0	103	75	....
13	....	49	64	59	0	102	94	....
14	....	45	41	59	0	102	111	....
15	....	49	73	59	0	102	68	....
16	....	53	90	59	0	102	68	....
17	....	59	90	59	0	111	60	....
18	....	59	90	68	0	102	60	....
19	....	59	90	59	0	102	60	....
20	....	49	90	50	0	94	51	....
21	....	53	90	50	0	94	50	....
22	....	49	90	50	0	111	50	....
23	....	45	90	50	0	129	59	....
24	....	41	90	50	0	129	59	....
25	....	45	90	59	0	129	75	....
26	....	56	90	68	0	120	50	....
27	....	39	86	59	0	129	50	....
28	....	45	82	68	0	138	50	....
29	....	41	78	68	0	129	59	....
30	....	90	76	68	0	120	59	....
31	....	....	74	59	....	120	85	....
Mean	47	83	67	53	9	86	73	71
Max.	90	90	73	68	68	138	111	85
Min.	31	41	64	28	0	0	50	59
A. F.	2344	5111	4122	2501	522	5316	4503	420

Area reported 6470 acres.  
 Water used 11577 A. F.  
 Per acre 1.78 A. F.

Area reported 6631 acres.  
 Water used 13262 A. F.  
 Per acre 2.00 A. F.

\*No record.

HYDROGRAPHIC REPORT—1928

1157

Keith-Lincoln County Canal from North Platte River—Continued

Date	1922					
	May	June	July	Aug.	Sept.	Oct.
1	0	28	102	97	121	86
2	0	28	93	101	130	80
3	56	33	86	105	135	86
4	54	38	81	108	144	*
5	52	42	79	111	130	....
6	51	47	75	114	120	....
7	49	51	72	117	110	....
8	47	56	68	120	100	....
9	45	60	65	122	96	....
10	44	65	62	125	80	....
11	42	70	64	128	80	....
12	41	74	67	131	80	....
13	39	79	69	128	80	....
14	37	84	73	127	80	....
15	35	88	75	125	80	....
16	34	93	78	124	74	....
17	32	97	81	122	102	....
18	31	102	84	120	80	....
19	31	106	87	119	80	....
20	31	111	90	117	80	....
21	30	116	92	116	96	....
22	30	121	95	114	96	....
23	30	125	93	112	96	....
24	30	130	92	111	96	....
25	30	135	91	109	96	....
26	29	144	90	107	96	....
27	29	143	89	106	80	....
28	29	132	88	104	96	....
29	29	123	87	103	102	....
30	28	113	91	102	96	....
31	28	....	94	112	....	....
Mean	35	88	82	115	98	84
Max.	56	144	102	131	144	86
Min.	0	28	62	97	74	80
A. F.	2128	5225	5064	7055	5814	500

Area reported 6186 acres.  
Water used 25786 A. F.  
Per acre 4.17 A. F.

Date	1923					
	May	June	July	Aug.	Sept.	Oct.
1	0	0	86	0	70	30
2	0	0	86	0	70	30
3	0	0	86	0	70	30
4	0	0	86	0	70	30
5	0	0	86	0	70	30
6	0	0	86	0	70	17
7	0	0	86	0	70	17
8	0	0	86	0	76	17
9	0	0	86	0	76	17
10	0	0	86	0	76	17
11	0	0	116	5	78	*
12	0	0	116	5	78	....
13	0	0	116	5	78	....
14	0	0	116	5	78	....
15	0	0	116	5	78	....
16	0	0	116	5	78	....
17	0	0	116	5	78	....
18	18	0	116	5	78	....
19	18	0	116	5	78	....
20	18	0	116	5	78	....
21	18	40	112	40	38	....
22	18	40	112	40	38	....
23	18	40	112	40	38	....
24	18	40	112	40	38	....
25	18	40	112	40	38	....
26	0	60	112	65	38	....
27	0	60	112	65	38	....
28	0	60	112	65	38	....
29	0	60	112	65	38	....
30	0	86	112	65	38	....
31	0	....	112	65	....	....
Mean	5	18	105	21	63	24
Max.	18	86	116	65	78	30
Min.	0	0	86	0	38	17
A. F.	286	1044	6450	1269	3725	466

Area reported 6024 acres.  
Water used 13240 A. F.  
Per acre 2.20 A. F.

\*No record.

STATE OF NEBRASKA

Keith-Lincoln County Canal from North Platte River—Continued

Date	1924				1925				
	May	June	July	Aug.	May	June	July	Aug.	Sept.
1	0	44	55	111	26	68	29	86	26
2	0	40	70	118	21	68	68	86	40
3	22	40	80	119	18	60	120	86	43
4	20	46	84	120	10	68	103	94	68
5	38	46	62	120	18	52	120	120	82
6	28	44	84	119	12	43	112	116	86
7	31	31	95	119	15	29	120	112	90
8	31	15	90	119	40	36	112	107	86
9	31	15	90	119	40	43	129	103	90
10	31	18	90	119	32	68	129	116	90
11	31	18	90	119	21	68	129	129	90
12	40	18	90	119	36	68	120	77	86
13	46	18	90	119	43	60	112	56	*
14	44	10	90	119	43	52	138	68	---
15	40	8	87	119	36	60	129	56	---
16	40	5	85	102	30	60	138	33	---
17	40	15	82	102	18	77	129	30	---
18	55	25	87	102	20	86	103	30	---
19	84	30	87	102	20	112	68	43	---
20	80	38	82	102	36	120	103	26	---
21	62	31	72	111	30	103	77	40	---
22	54	38	74	111	30	77	82	36	---
23	54	40	96	111	30	77	90	36	---
24	55	44	89	111	36	68	90	40	---
25	55	44	95	111	36	60	82	30	---
26	60	44	87	111	36	94	98	20	---
27	60	44	76	111	36	77	90	30	---
28	54	55	95	111	43	43	86	40	---
29	54	50	104	111	43	29	86	52	---
30	54	46	104	111	43	36	77	46	---
31	54	---	110	111	52	---	86	40	---
Mean	43	32	86	113	31	65	102	64	73
Max.	84	55	110	120	52	120	138	129	90
Min.	0	5	55	102	10	29	29	20	26
A. F.	2674	1904	5300	6960	1884	3892	6258	3935	1740
Area reported 6327 acres.				Area reported 6453 acres.					
Water used 16833 A. F.				Water used 17709 A. F.					
Per acre 2.66 A. F.				Per acre 2.74 A. F.					

Date	1926						1927				
	Apr.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	78	58	90	142	98	0	50	104	126	70
2	....	68	58	71	146	88	0	50	130	104	70
3	....	0	58	90	136	98	0	50	120	80	70
4	....	0	58	90	136	92	0	50	120	104	70
5	....	0	58	90	146	92	0	50	116	94	70
6	....	74	58	118	126	102	0	50	116	90	70
7	....	92	58	125	116	98	0	50	125	94	70
8	....	74	58	50	98	106	0	50	140	94	70
9	....	74	58	34	64	136	0	50	146	84	70
10	....	74	58	64	74	136	0	50	140	70	70
11	....	74	58	72	64	92	0	64	132	64	70
12	....	74	58	84	13	88	0	64	132	74	70
13	....	74	32	90	13	98	0	64	152	44	70
14	....	74	98	90	9	112	0	64	152	40	70
15	....	74	106	84	4	70	0	64	116	40	70
16	....	64	116	118	4	88	70	40	100	60	70
17	....	64	106	118	88	98	70	40	94	60	70
18	....	64	116	145	68	102	70	40	90	74	70
19	28	60	106	118	40	88	70	18	90	94	70
20	60	55	106	90	36	0	70	8	44	60	70
21	64	50	90	90	13	0	8	26	64	44	0
22	38	28	70	84	13	0	8	16	60	32	0
23	20	12	60	72	24	0	8	26	55	40	0
24	20	2	50	72	60	0	8	50	60	40	0
25	13	12	46	57	116	0	8	70	74	36	0
26	28	102	46	42	112	0	32	64	100	55	0
27	38	102	98	78	88	0	44	104	125	32	0
28	74	116	98	78	74	0	50	120	116	22	0
29	64	106	76	78	64	0	50	100	64	22	0
30	68	122	78	78	68	0	50	104	55	22	0
31	....	100	....	78	93	....	50	....	100	22	....
Mean	43	63	73	85	73	63	22	55	104	62	47
Max.	74	122	116	145	146	136	70	120	152	126	70
Min.	13	0	32	42	4	0	0	8	44	22	0
A. F.	1022	3894	4352	5232	4459	3733	1321	3265	6411	3802	2777
Area reported 6392 acres.						Area reported 6520 acres.					
Water used 22692 A. F.						Water used 17576 A. F.					
Per acre 3.55 A. F.						Per acre 2.70 A. F.					
*No record.											

Keith-Lincoln County Canal from North Platte River—Continued

Date	1928					
	Apr.	May	June	July	Aug.	Sept.
1	*	75	60	60	40	105
2	.....	60	60	60	40	105
3	.....	70	60	55	40	120
4	.....	90	60	50	40	140
5	.....	100	60	90	40	105
6	.....	110	60	75	135	105
7	.....	110	60	75	170	120
8	.....	100	60	70	155	110
9	.....	110	60	60	275	90
10	.....	85	60	55	290	75
11	.....	70	60	75	440	100
12	.....	70	60	110	420	120
13	.....	85	60	100	395	125
14	.....	85	60	100	150	110
15	.....	90	60	100	155	105
16	.....	70	60	100	140	105
17	.....	15	60	90	140	85
18	.....	7	60	106	125	90
19	.....	5	60	95	125	100
20	.....	3	60	85	125	105
21	.....	40	60	75	170	105
22	.....	60	60	95	105	105
23	.....	60	60	95	40	105
24	70	75	60	95	35	105
25	70	90	60	95	35	0
26	60	90	60	4	60	0
27	60	90	60	8	90	0
28	75	90	60	8	90	0
29	90	90	70	8	90	0
30	90	90	70	15	100	0
31	.....	90	.....	40	90	.....
Mean	74	73	61	69	140	85
Max.	90	110	70	110	440	140
Min.	60	3	60	4	35	0
A. F.	1021	4512	3610	4263	8618	5038

Area reported 6384 acres.  
Water used 27062 A. F.  
Per acre 4.24 A. F.

DISCHARGE IN SECOND-FEET OF KEYSTONE CANAL

Diverted from White Tail Creek. Docket 730—Date of Priority October 30, 1894  
Application 0021—Date of Priority April 26, 1902. Application 843—Date of Priority  
November 30, 1906. Application 1003—Date of Priority May 27, 1910

Date	1922					1923			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	29	19	8	17	0	0	15	7
2	3	30	13	8	17	0	0	15	7
3	4	31	8	8	18	0	0	15	7
4	5	32	6	8	18	0	0	15	7
5	6	33	8	7	18	0	0	15	7
6	6	34	8	7	18	0	0	15	7
7	7	35	8	7	18	0	0	15	7
8	8	35	14	7	18	0	0	15	7
9	9	36	14	7	18	0	0	15	7
10	10	37	10	6	17	0	0	15	7
11	11	38	10	6	17	0	10	10	14
12	12	39	10	6	17	0	10	10	14
13	12	40	10	7	17	0	10	10	14
14	14	41	10	8	17	0	10	10	14
15	14	42	10	10	17	0	10	10	14
16	15	43	10	11	17	0	10	10	14
17	16	43	10	12	17	0	10	10	14
18	17	44	10	13	17	0	10	10	14
19	18	44	10	14	17	0	10	10	14
20	19	44	10	14	17	0	10	10	14
21	20	41	10	14	17	0	10	10	14
22	21	38	10	15	17	0	15	2	10
23	22	36	10	15	16	0	15	2	10
24	22	35	10	15	16	0	15	2	10
25	23	36	9	15	16	0	15	2	10
26	24	35	9	15	16	0	15	2	10
27	25	39	9	16	16	0	15	2	10
28	26	48	9	16	*	0	15	2	10
29	27	44	9	16	.....	0	15	2	10
30	28	41	8	16	.....	0	15	2	10
31	28	.....	8	17	.....	.....	15	2	.....
Mean	15	38	10	11	17	0	9	9	10
Max.	28	48	19	17	18	0	15	15	14
Min.	3	29	6	6	16	0	0	2	7
A. F.	936	2267	613	682	914	0	525	540	614

Area reported 4238 acres.  
Water used 5412 A. F.  
Per acre 1.28 A. F.  
\*No record.

Area reported 1816 acres.  
Water used 1679 A. F.  
Per acre 0.92 A. F.

STATE OF NEBRASKA

Keystone Canal from White Tail Creek—Continued

Date	1924					1925				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	10	12	13	13	*	9	14	10	10
2	....	10	12	13	13	....	9	14	10	10
3	....	10	12	13	13	....	9	14	10	10
4	....	10	12	13	13	....	9	14	10	10
5	....	10	12	13	13	....	9	14	10	10
6	....	10	12	13	13	....	9	14	10	10
7	....	10	12	13	13	....	9	14	10	10
8	....	10	12	13	13	....	9	14	10	10
9	....	10	12	13	13	....	9	14	10	10
10	....	10	12	13	13	....	9	14	10	10
11	....	2	12	13	13	....	9	14	10	10
12	....	2	12	13	13	....	9	14	10	10
13	....	2	12	13	13	....	9	14	10	10
14	....	2	12	13	13	....	9	14	10	10
15	....	2	12	13	13	....	9	14	10	10
16	....	2	12	9	5	12	9	14	10	10
17	....	2	12	9	5	12	9	14	10	10
18	....	2	12	9	5	12	9	14	10	10
19	....	2	12	9	5	12	9	14	10	10
20	....	2	12	9	5	12	9	14	10	10
21	....	16	8	17	9	12	14	19	5	5
22	....	16	8	18	9	12	14	19	5	5
23	....	16	8	18	9	12	14	19	5	5
24	....	16	8	18	9	12	14	19	5	5
25	....	16	8	18	9	12	14	19	5	5
26	....	16	8	17	9	12	14	19	5	5
27	....	16	8	17	9	12	14	19	5	5
28	....	16	8	17	9	12	14	19	5	5
29	....	16	8	17	9	12	14	19	5	5
30	....	16	8	17	9	12	14	19	5	5
31	....	16	....	17	9	12	....	19	5	....
Mean	....	16	7	14	11	12	11	16	8	....
Max.	....	16	10	18	13	12	14	19	10	....
Min.	....	16	2	12	9	12	9	14	5	....
A. F.	....	349	397	855	672	381	635	970	506	119

Area reported 1910 acres.  
Water used 2809 A. F.  
Per acre 1.47 A. F.

Area reported 932 acres.  
Water used 2611 A. F.  
Per acre 2.80 A. F.

DISCHARGE IN SECOND-FEET KIMBALL RESERVOIR CANAL

Diverted from Lodgepole Creek. Application 897—Date of Priority April 15, 1908

Date	1923			1927			
	June	July	Aug.	May	June	July	Aug.
1	19	58	44	0	22	39	27
2	19	58	44	0	22	39	27
3	19	58	44	0	22	39	27
4	19	58	44	0	22	39	27
5	19	58	44	0	22	39	27
6	19	58	44	0	22	39	27
7	19	58	44	0	22	39	27
8	19	58	44	0	22	39	27
9	19	58	44	0	22	39	27
10	19	58	44	0	22	39	27
11	19	58	44	0	22	63	30
12	19	58	44	0	22	63	30
13	19	58	44	0	22	63	30
14	19	58	44	0	22	63	30
15	19	58	44	0	22	63	30
16	19	47	44	0	22	63	30
17	19	47	44	0	22	63	30
18	19	47	44	0	22	63	30
19	19	47	44	0	22	63	30
20	19	47	44	0	22	63	30
21	19	47	44	22	22	63	0
22	19	47	44	22	22	63	*
23	19	47	44	22	22	63	....
24	19	47	44	22	22	63	....
25	19	47	44	22	22	63	....
26	19	47	44	22	22	63	....
27	19	47	44	22	22	63	....
28	19	47	44	22	22	63	....
29	19	47	44	22	22	63	....
30	19	47	44	22	22	63	....
31	....	47	44	22	....	63	....
Mean	19	52	44	8	22	55	27
Max.	19	58	44	22	22	63	30
Min.	19	47	44	0	22	39	0
A. F.	1130	3217	2705	480	1309	3397	1130

Area reported 6845 acres.  
Water used 7052 A. F.  
Per acre 1.03 A. F.  
\*No record.

Area reported 6665 acres.  
Water used 6316 A. F.  
Per acre 0.95 A. F.

DISCHARGE IN SECOND-FEET OF KING CANAL

Diverted from Lawrence Fork. Application 1440—Date of Priority December 8, 1915  
 Application 1587—Date of Priority July 3, 1920

Date	1922			1923		
	June	July	Aug.	July	Aug.	Sept.
1	*	3	7	4	4	4
2	—	3	7	4	4	4
3	....	3	6	4	4	4
4	....	3	6	4	4	4
5	....	3	6	4	4	4
6	....	3	6	4	4	4
7	....	3	6	4	4	4
8	....	3	5	4	4	4
9	....	4	5	4	4	4
10	....	4	4	4	4	4
11	....	4	4	4	4	4
12	....	4	4	4	4	4
13	....	4	4	4	4	4
14	....	4	3	4	4	4
15	....	4	3	4	4	4
16	....	5	3	4	0	4
17	3	5	3	4	0	4
18	3	5	2	4	0	4
19	3	5	2	4	0	4
20	3	5	2	4	0	4
21	3	5	2	4	0	4
22	3	6	2	4	0	4
23	3	6	2	4	0	4
24	3	6	2	4	0	4
25	3	6	2	4	0	4
26	3	6	3	4	0	4
27	3	6	3	4	0	4
28	3	6	3	4	0	4
29	3	7	4	4	0	4
30	3	7	4	4	0	4
31	....	7	4	4	0	....
Mean	3	5	4	4	2	4
Max.	3	7	7	4	4	4
Min.	3	3	2	4	0	4
A. F.	83	288	236	246	119	238

Area reported 145 acres.  
 Water used 607 A. F.  
 Per acre 4.19 A. F.

Area reported 218 acres.  
 Water used 603 A. F.  
 Per acre 2.77 A. F.

\*No record.



DISCHARGE IN SECOND-FEET OF LAMORE CANAL

Diverted from North Platte River. Application 327—Date of Priority July 18, 1896

Date	1920			1921		
	July	Aug.	Sept.	July	Aug.	Sept.
1	*	3	5	*	4	3
2	---	4	5	---	4	3
3	---	5	5	---	4	3
4	---	5	5	---	4	*
5	---	2	5	---	4	---
6	---	2	5	---	4	---
7	1	2	5	---	4	---
8	0	2	5	---	4	---
9	1	2	5	---	4	---
10	4	2	5	---	3	---
11	4	2	5	---	3	---
12	3	2	5	---	3	---
13	4	2	5	---	3	---
14	5	2	*	---	3	---
15	5	2	---	---	3	---
16	5	2	---	---	3	---
17	6	2	---	---	3	---
18	5	2	---	---	3	---
19	5	2	---	---	3	---
20	4	2	---	3	3	---
21	5	2	---	4	3	---
22	4	2	---	4	3	---
23	4	2	---	4	3	---
24	4	2	---	4	3	---
25	4	2	---	4	3	---
26	4	2	---	4	3	---
27	4	2	---	4	3	---
28	4	2	---	4	3	---
29	3	6	---	4	3	---
30	4	5	---	4	3	---
31	3	5	---	4	3	---
Mean	4	3	5	4	4	3
Max.	6	6	5	4	4	3
Min.	0	2	5	3	3	3
A. F.	188	161	129	93	202	18
Area reported 1190 acres.				Area reported*.		
Water used 478 A. F.				Water used 313 A. F.		
Per acre 0.40 A. F.						

Date	1922			1924	
	June	July	Aug.	July	Aug.
1	0	3	7	4	4
2	0	3	7	4	4
3	0	3	7	4	4
4	0	3	7	4	4
5	0	4	7	4	4
6	0	4	6	4	4
7	0	4	6	4	4
8	0	4	6	4	4
9	0	4	6	4	4
10	0	4	5	4	4
11	0	4	5	4	4
12	0	4	5	4	4
13	0	4	4	4	4
14	0	4	3	4	4
15	0	4	2	4	4
16	0	3	1	5	4
17	0	2	0	5	4
18	0	2	0	5	4
19	0	2	0	5	4
20	2	3	0	5	4
21	2	3	0	5	4
22	2	3	0	5	4
23	2	3	0	5	4
24	2	3	0	5	4
25	2	5	0	5	4
26	2	5	0	3	4
27	3	5	0	3	4
28	3	5	0	3	4
29	3	6	0	3	4
30	3	6	0	3	4
31	---	6	---	3	4
Mean	1	4	3	4	4
Max.	3	6	7	5	4
Min.	2	2	0	3	4
A. F.	52	234	167	254	246
Area reported 1400 acres.				Area reported 1400 acres.	
Water used 453 A. F.				Water used 500 A. F.	
Per acre 0.32 A. F.				Per acre 0.36 A. F.	

**DISCHARGE IN SECOND-FEET OF LAST CHANCE CANAL**  
 Diverted from Pumpkinseed Creek. Docket 888—Date of Priority April 12, 1894

Date	1921			1922	
	July	Aug.	Sept.	July	Aug.
1	*	13	7	17	10
2	....	13	5	17	10
3	....	13	*	17	10
4	....	13	....	16	10
5	....	13	....	16	10
6	....	13	....	16	10
7	....	13	....	15	10
8	....	13	....	15	10
9	....	13	....	15	10
10	....	13	....	15	10
11	....	13	....	16	10
12	....	13	....	16	11
13	....	13	....	16	12
14	....	13	....	15	12
15	....	13	....	16	12
16	....	13	....	16	11
17	....	13	....	16	11
18	....	13	....	16	11
19	....	13	....	16	11
20	....	13	....	16	10
21	....	14	....	16	10
22	....	15	....	16	10
23	13	15	....	15	10
24	13	16	....	16	10
25	13	17	....	16	10
26	13	18	....	15	10
27	13	18	....	15	10
28	13	16	....	15	10
29	13	14	....	14	10
30	13	12	....	10	10
31	13	9	....	10	10
Mean	13	14	6	15	10
Max.	13	18	7	17	12
Min.	13	9	5	10	10
A. F.	232	841	24	944	637

Area reported \*.  
 Water used 1087 A. F.  
 Per acre \*.  
 \*No record.

Area reported 455 acrom.  
 Water used 1581 A. F.  
 Per acre 3.47 A. F.

**DISCHARGE IN SECOND-FEET OF LISCO (NORTH RIVER) CANAL**

Diverted from North Platte River and Cold Water Creek. Docket 856—Date of Priority July 1, 1893. Docket 787—Date of Priority March 27, 1894. Docket 700—Date of Priority September 28, 1894 (Cold Water Creek). Application 243—Date of Priority February 24, 1896. Application 901—Date of Priority April 6, 1910

Date	1918			1919				
	July	Aug.		May	June	July	Aug.	Sept.
1	*	6		*	18	16	19	21
2	....	6		—	19	17	25	22
3	....	*		....	20	17	27	22
4	....	....		....	22	18	37	23
5	....	8		....	21	18	30	23
6	....	13		....	23	19	37	24
7	....	*		....	24	25	30	25
8	....	....		....	25	25	25	25
9	....	....		....	25	25	18	25
10	....	....		....	25	24	10	25
11	....	....		....	25	23	14	26
12	....	....		....	25	22	19	30
13	....	....		....	25	22	19	30
14	....	....		....	24	22	18	*
15	....	....		....	24	22	16	....
16	31	....		....	24	22	15	....
17	19	....		....	22	25	13	....
18	*	....		....	20	21	14	....
19	....	....		....	17	13	14	....
20	23	....		....	14	16	15	....
21	*	....		....	14	19	15	....
22	....	....		....	14	18	16	....
23	....	....		....	15	16	16	....
24	6	....		....	15	15	17	....
25	26	....		....	15	14	17	....
26	*	....		....	15	14	18	....
27	....	....		....	15	14	18	....
28	....	....		....	15	13	19	....
29	....	....		....	16	16	12	19
30	....	....		....	16	16	10	20
31	....	....		....	18	....	19	21
Mean	21	8		....	17	20	19	20
Max.	31	13		....	18	25	25	37
Min.	6	6		....	16	14	10	10
A. F.	208	65		....	99	1174	1142	1212
Water used 273 A. F.								637
								Area reported 1492 acres.
								Water used 4264 A. F.
								Per acre 2.86 A. F.

Date	1920			
	July	Aug.	Sept.	Oct.
1	*	25	5	18
2	....	4	5	18
3	25	4	5	18
4	22	4	5	18
5	21	4	5	18
6	18	4	5	19
7	18	12	5	19
8	17	12	5	18
9	13	12	5	18
10	12	12	5	18
11	11	12	5	12
12	4	12	5	12
13	3	12	5	12
14	3	12	10	10
15	3	12	10	12
16	4	12	7	10
17	25	13	8	12
18	5	14	16	12
19	5	15	13	12
20	5	16	13	12
21	5	17	13	12
22	20	18	13	12
23	18	19	13	12
24	28	21	14	10
25	25	21	15	12
26	25	21	15	12
27	25	22	16	12
28	25	25	16	12
29	25	13	17	12
30	25	13	17	10
31	25	13	....	10
Mean	16	14	10	14
Max.	25	25	17	19
Min.	3	4	5	10
A. F.	912	845	577	841
*No record.				
				Area reported 3010 acres.
				Water used 3175 A. F.
				Per acre 1.05 A. F.

# HYDROGRAPHIC REPORT—1928

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## Lisco (North River) Canal from North Platte River and Cold Water Creek—Continued

Date	1921				1922				
	July	Aug.	May	June	July	Aug.	Sept.	Oct.	
1	*	12	*	30	48	26	49	9	
2	---	13	---	30	50	24	49	9	
3	---	13	---	30	50	19	49	12	
4	---	14	---	35	45	19	49	14	
5	25	14	---	35	40	11	48	20	
6	28	15	---	35	35	13	20	16	
7	28	15	---	35	30	16	10	14	
8	30	15	---	35	25	12	10	14	
9	32	16	---	35	22	0	10	16	
10	37	16	---	35	19	10	9	19	
11	40	16	---	40	18	16	9	20	
12	42	16	---	40	17	15	8	9	
13	44	16	---	40	16	11	8	5	
14	46	16	---	40	19	9	5	7	
15	49	15	---	40	14	9	4	4	
16	51	15	---	40	29	9	2	0	
17	53	14	---	40	24	16	2	0	
18	55	14	---	40	21	30	2	0	
19	57	13	---	40	19	27	19	0	
20	60	12	30	41	19	23	21	6	
21	51	12	30	41	33	19	25	6	
22	43	12	30	42	39	20	30	6	
23	35	13	30	42	39	20	25	6	
24	27	15	25	43	37	14	27	6	
25	18	16	25	43	36	41	27	6	
26	10	18	25	44	32	38	19	6	
27	10	19	25	48	31	39	21	6	
28	11	*	25	49	30	36	20	0	
29	11	---	25	42	30	49	12	0	
30	11	---	25	39	29	50	9	0	
31	12	---	25	---	28	50	---	0	
Mean	34	15	27	39	30	22	20	8	
Max.	60	19	30	49	50	50	49	20	
Min.	10	12	25	30	14	0	2	0	
A. F.	1819	783	635	2319	1833	1371	1186	468	

Area reported 1492 acres.  
Water used 2602 A. F.  
Per acre 1.74 A. F.

Area reported 2667 acres.  
Water used 7812 A. F.  
Per acre 2.93 A. F.

Date	1923						1924				
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	*	0	14	20	0	45	0	54	30	63	35
2	---	0	14	20	0	8	0	54	30	63	35
3	---	0	14	23	0	*	0	54	30	63	90
4	---	0	12	31	0	---	0	54	30	63	90
5	---	0	12	31	0	---	0	54	30	63	90
6	---	0	14	31	0	---	0	0	30	63	90
7	---	0	14	31	0	---	0	0	30	90	90
8	---	0	12	98	0	---	0	0	30	90	90
9	---	2	15	90	0	---	0	0	30	90	90
10	---	2	20	70	35	---	0	0	30	90	90
11	---	2	35	45	35	---	0	0	58	90	90
12	---	2	47	58	35	---	20	0	58	90	90
13	---	2	60	27	35	---	20	0	58	90	90
14	---	2	70	15	35	---	20	0	58	90	90
15	---	2	55	6	35	---	20	0	58	28	35
16	31	2	40	1	30	---	20	0	58	28	35
17	35	0	28	0	31	---	90	0	58	90	35
18	40	0	16	0	35	---	92	24	58	90	35
19	29	2	4	0	21	---	90	24	58	90	35
20	21	30	0	0	5	---	30	24	53	90	35
21	20	40	0	0	5	---	30	24	53	90	35
22	28	2	0	0	8	---	35	24	53	90	35
23	27	2	63	0	11	---	38	30	53	90	35
24	15	45	30	0	10	---	38	30	53	90	35
25	0	20	33	0	5	---	45	30	55	86	35
26	0	10	23	0	5	---	45	30	55	36	35
27	0	11	20	0	5	---	40	30	55	36	35
28	0	58	20	0	23	---	40	30	55	36	35
29	0	8	20	0	31	---	40	30	55	36	35
30	0	5	20	0	58	---	40	30	55	36	35
31	0	---	20	0	---	---	40	---	55	36	---
Mean	15	8	24	20	16	27	28	20	48	67	57
Max.	40	58	70	98	58	45	92	54	58	90	90
Min.	0	0	0	0	0	8	0	0	30	28	35
A. F.	488	494	1478	1236	978	105	1751	1190	2926	4201	3592

Area reported 2784 acres.  
Water used 4779 A. F.  
Per acre 1.72 A. F.

Area reported 2768 A. F.  
Water used 13460 A. F.  
Per acre 4.86 A. F.

\*No record.

Lisco (North River) Canal from North Platte River and Cold Water Creek—Continued

Date	1925						1926				
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	24	3	33	0	36	11	18	29	17	28	32
2	24	3	56	0	36	11	18	29	17	28	32
3	24	3	56	0	36	11	18	29	17	28	32
4	24	3	52	0	36	11	18	29	17	28	32
5	24	3	56	0	36	11	18	29	17	28	32
6	24	3	60	0	36	11	18	29	17	28	32
7	24	3	60	0	36	11	18	29	17	28	32
8	22	3	85	0	36	11	18	29	17	28	32
9	22	3	116	0	36	11	18	29	17	28	32
10	22	3	75	0	36	11	18	29	17	28	32
11	30	18	95	32	20	11	18	29	17	10	32
12	40	18	111	32	20	11	18	29	17	10	32
13	41	18	111	32	20	11	18	29	17	10	32
14	21	13	111	32	20	11	18	29	17	10	32
15	7	13	111	32	20	11	18	29	17	10	32
16	11	13	60	32	20	11	18	29	17	0	32
17	5	13	40	32	20	11	18	29	17	0	32
18	7	24	21	32	20	11	18	29	17	0	32
19	15	41	27	32	20	11	18	29	17	0	32
20	13	33	24	32	20	11	18	29	17	0	32
21	48	30	18	27	15	11	15	7	17	20	15
22	60	27	18	27	15	11	15	7	17	20	15
23	48	21	18	27	15	11	15	7	17	20	15
24	44	18	74	27	15	11	15	7	17	20	15
25	44	18	74	27	15	11	15	7	17	20	15
26	20	21	74	27	15	11	15	7	17	20	15
27	20	21	74	27	15	11	15	7	17	20	15
28	20	21	74	27	15	11	15	7	17	20	15
29	20	27	74	27	15	11	15	7	17	20	15
30	20	30	74	27	15	11	15	7	17	20	15
31	20	---	74	27	---	11	15	---	17	20	---
Mean	25	16	65	20	24	11	17	22	17	18	23
Max.	60	33	116	32	36	11	18	29	17	28	32
Min.	5	3	18	0	15	11	15	7	17	0	15
A. F.	1563	928	3979	1224	1408	676	1041	1289	1045	1091	1369

Area reported 2635 acres.  
Water used 9778 A. F.  
Per acre 3.71 A. F.

Area reported 3287 acres.  
Water used 5835 A. F.  
Per acre 1.78 A. F.

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	0	38	35	70	70	23
2	0	35	33	78	72	24
3	0	33	31	76	64	26
4	0	29	29	56	64	26
5	0	25	35	49	72	29
6	0	31	38	49	53	0
7	0	31	38	35	56	0
8	0	31	36	29	42	0
9	0	31	31	35	42	0
10	0	27	28	33	64	0
11	0	24	26	33	70	0
12	0	21	20	32	45	0
13	0	25	17	29	45	0
14	0	25	16	16	29	0
15	0	25	18	20	26	0
16	0	14	18	29	45	0
17	0	14	18	56	26	0
18	0	14	18	45	42	0
19	0	13	21	40	42	0
20	0	13	22	38	42	0
21	0	12	25	35	42	0
22	0	12	29	40	42	0
23	0	11	26	42	40	0
24	0	12	31	42	35	0
25	0	22	23	47	32	0
26	0	33	28	55	23	0
27	0	26	28	56	19	0
28	0	26	28	60	32	0
29	25	28	28	45	33	0
30	27	37	19	45	23	0
31	27	---	20	64	---	4
Mean	3	24	26	44	44	4
Max.	27	38	38	78	72	29
Min.	0	11	16	16	19	0
A. F.	157	1424	1622	2717	2642	254

Area reported 3288 acres.  
Water used 8816 A. F.  
Per acre 2.68 A. F.

# HYDROGRAPHIC REPORT—1928

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## DISCHARGE IN SECOND-FEET OF LYONS CANAL

Diverted from North Platte River. Docket 863—Date of Priority December 22, 1894

Date	1920			1921		1922					
	July	Aug.	Sept.	Aug.	Sept.	June	July	Aug.	Sept.	Oct.	
1	*	16	8	1	2	*	9.0	0.0	20.0	0.0	
2	....	16	15	6	3	....	8.0	.0	18.0	.0	
3	....	15	14	2	3	....	7.0	.1	18.0	.0	
4	....	14	13	2	2	....	6.0	.2	5.0	.0	
5	....	15	14	1	7	....	5.0	.5	5.0	.2	
6	....	13	13	1	7	....	3.5	.5	8.0	.5	
7	....	13	13	1	12	....	3.0	.5	1.0	.2	
8	....	12	13	1	15	....	2.0	1.5	.0	.2	
9	....	11	11	1	16	....	.5	2.5	.0	.2	
10	....	13	14	1	25	....	.7	3.5	.0	.2	
11	....	11	0	1	50	....	1.0	5.5	.0	.5	
12	....	9	0	1	50	....	1.0	7.0	.0	.7	
13	....	10	0	1	21	....	1.0	6.0	.0	1.0	
14	....	12	0	10	25	....	1.0	12.0	.0	1.0	
15	....	13	0	6	19	....	1.5	25.0	.0	1.0	
16	....	13	0	12	21	6.0	3.6	22.0	5.0	*	
17	....	11	0	21	33	6.5	3.5	15.0	22.0	....	
18	....	10	0	21	33	6.5	3.5	9.5	18.0	....	
19	....	8	0	19	33	7.0	3.5	8.0	5.5	....	
20	....	14	0	19	34	7.0	3.0	6.0	1.0	....	
21	....	15	0	2	36	7.0	3.0	12.0	1.0	....	
22	....	12	0	2	38	8.0	3.0	15.0	1.0	....	
23	....	10	0	4	38	8.0	3.0	11.0	1.0	....	
24	....	9	0	10	38	8.0	.2	8.0	1.0	....	
25	....	9	0	10	*	8.5	.0	7.0	1.0	....	
26	....	9	18	6	....	9.0	.0	8.0	1.0	....	
27	3	8	18	0	....	9.0	.0	9.5	1.0	....	
28	9	7	18	0	....	9.5	.0	7.0	.5	....	
29	13	9	18	2	....	9.5	.0	5.0	.0	....	
30	15	13	18	2	....	10.0	.0	6.0	.0	....	
31	15	13	....	5	....	....	.0	8.5	....	....	
Mean	11	12	7	6	23	8.0	2.5	7.0	4.5	0.4	
Max.	15	16	18	21	50	10.0	9.0	25.0	22.0	1.0	
Min.	3	7	0	0	2	6.0	.0	.0	.0	.0	
A. F.	109	720	432	339	1113	237	152	441	266	11	
Area reported 2520 acres.					Area reported 2260 acres.					Area reported 2425 acres.	
Water used 1261 A. F.					Water used 1452 A. F.					Water used 1107 A. F.	
Per acre 0.50 A. F.					Per acre 0.64 A. F.					Per acre 0.46 A. F.	

Date	1923			1924			
	July	Aug.	Sept.	June	July	Aug.	Sept.
1	0	31	8	0	17	6	10
2	0	26	16	0	17	6	10
3	0	22	26	0	17	6	10
4	0	20	21	0	17	6	10
5	0	31	8	0	17	6	10
6	0	21	14	0	17	6	10
7	0	8	20	0	17	6	10
8	0	18	16	0	17	6	10
9	10	24	0	0	17	6	10
10	24	26	19	0	17	6	10
11	19	23	15	0	17	8	10
12	11	21	24	0	17	8	10
13	26	6	19	0	17	8	0
14	10	12	19	0	17	8	0
15	0	10	18	0	17	8	0
16	0	0	18	0	17	8	0
17	4	0	7	0	0	8	0
18	3	0	0	0	0	8	0
19	6	0	*	0	0	8	0
20	10	0	....	0	0	8	0
21	20	0	....	0	12	8	0
22	18	0	....	0	12	8	0
23	20	0	....	0	12	8	0
24	19	0	....	5	12	8	0
25	13	0	....	5	12	8	0
26	4	0	....	5	12	13	0
27	21	4	....	5	12	13	0
28	27	16	....	5	12	13	0
29	31	12	....	5	12	13	0
30	29	6	....	5	12	13	0
31	29	3	....	....	12	13	....
Mean	11	11	15	1	13	8	4
Max.	31	31	26	5	17	13	10
Min.	0	0	0	0	0	6	0
A. F.	702	674	532	69	801	512	238
Area reported 2585 acres.				Area reported 2397 acres.			
Water used 1908 A. F.				Water used 1620 A. F.			
Per acre 0.74 A. F.				Per acre 0.68 A. F.			

\*No record.

STATE OF NEBRASKA

Lyons Canal from North Platte River—Continued

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	0	4	0	11	0	3	5	7	7
2	---	0	4	0	12	0	4	4	5	7
3	---	0	4	13	13	0	23	4	5	8
4	---	0	4	18	13	0	11	2	4	10
5	---	0	6	29	14	0	4	2	2	13
6	---	0	8	11	11	0	2	6	3	7
7	---	0	20	11	11	0	8	1	3	4
8	---	0	23	3	12	0	6	1	5	4
9	---	0	25	3	20	0	4	1	5	10
10	---	0	23	3	18	0	1	1	6	1
11	---	0	20	8	17	0	1	1	10	7
12	---	0	20	4	17	0	1	3	11	5
13	---	0	23	6	4	0	0	3	5	6
14	---	0	10	8	4	0	0	1	0	10
15	---	0	0	4	0	0	0	2	0	8
16	11	0	0	11	*	0	0	2	0	2
17	11	0	0	4	---	0	0	1	0	2
18	11	0	0	0	---	0	0	11	0	6
19	11	0	0	3	---	0	0	15	0	5
20	11	0	0	0	---	0	0	14	2	5
21	11	0	0	4	---	8	0	21	4	3
22	11	3	0	6	---	2	0	31	3	0
23	11	3	25	18	---	2	0	27	2	0
24	11	3	25	25	---	1	0	25	1	0
25	11	3	29	13	---	2	0	25	3	0
26	11	6	35	18	---	2	2	0	8	0
27	11	9	16	13	---	1	2	10	10	0
28	11	8	9	9	---	1	2	8	12	0
29	11	11	0	11	---	1	4	8	10	0
30	11	3	0	9	---	1	4	8	10	0
31	11	---	0	8	---	1	---	7	10	---
Mean	11	2	11	9	12	1	3	8	5	4
Max.	11	11	35	29	20	8	23	31	12	13
Min.	11	0	0	0	0	0	0	0	0	0
A. F.	349	97	661	541	351	44	163	496	290	258

Area reported 2309 acres.  
 Water used 1999 A. F.  
 Per acre 0.87 A. F.

Area reported 2309 acres.  
 Water used 1251 A. F.  
 Per acre 0.54 A. F.

Date	1927			
	June	July	Aug.	Sept.
1	0	30	0	16
2	0	30	0	11
3	0	30	0	11
4	0	30	0	11
5	0	30	0	10
6	0	25	0	10
7	0	25	0	10
8	0	25	15	10
9	5	25	10	10
10	5	25	7	10
11	5	10	10	10
12	5	10	15	10
13	7	10	7	11
14	7	10	10	11
15	6	10	10	13
16	7	15	7	13
17	6	20	8	10
18	6	20	9	11
19	10	27	5	10
20	5	27	4	11
21	0	28	5	10
22	0	28	5	10
23	0	28	5	10
24	2	28	3	10
25	0	28	7	10
26	18	20	7	10
27	18	28	8	10
28	18	24	7	10
29	18	24	15	10
30	18	24	15	10
31	---	24	17	---
Mean	6	23	7	11
Max.	18	28	17	16
Min.	0	10	0	10
A. F.	329	1424	422	633

Area reported 2310 acres.  
 Water used 2808 A. F.  
 Per acre 1.22 A. F.  
 \*No record.

Date	1927		
	July	Aug.	Sept.
1	8	8	15
2	8	8	15
3	8	8	15
4	8	8	15
5	8	8	15
6	8	8	15
7	8	8	15
8	8	8	15
9	8	8	15
10	8	8	15
11	8	8	15
12	8	8	15
13	8	8	0
14	8	8	0
15	8	8	0
16	8	8	0
17	8	8	0
18	8	8	0
19	8	8	0
20	8	8	0
21	8	8	0
22	8	8	0
23	8	8	0
24	8	8	0
25	8	8	0
26	8	8	0
27	8	8	0
28	8	8	0
29	8	8	0
30	8	8	0
31	8	8	---
Mean	8	8	6
Max.	8	8	15
Min.	8	8	0
A. F.	492	492	357

Area reported 2304 acres.  
 Water used 1341 A. F.  
 Per acre 0.58 A. F.

DISCHARGE IN SECOND FEET OF MARANVILLE CANAL

Diverted from Frenchman River. Dockets 70-71—Date of Priority December 8, 1894

Date	1921						1922		
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.
1	3.5	4.0	2.0	1.2	6.2	6.5	*	6.5	6.0
2	3.5	4.0	2.0	3.0	6.2	6.6	---	6.7	6.0
3	3.5	3.8	2.0	2.1	6.2	6.6	---	7.0	6.0
4	3.5	3.8	2.0	2.1	6.2	6.6	---	7.2	6.0
5	3.5	3.5	1.7	4.9	6.5	6.8	---	7.5	6.0
6	3.5	2.0	1.7	4.9	6.5	6.8	---	7.5	6.0
7	4.0	.0	1.7	4.5	6.2	6.8	---	7.5	5.9
8	4.0	.0	2.0	4.6	5.6	6.8	---	7.5	5.9
9	4.0	.0	2.0	4.6	6.0	6.8	---	7.0	5.0
10	4.0	2.0	2.0	4.6	6.0	6.8	---	7.0	5.8
11	4.0	3.0	2.0	4.6	6.5	6.8	---	7.0	5.8
12	4.0	3.0	2.0	4.9	6.2	6.8	---	7.0	5.7
13	4.0	3.5	5.5	5.0	6.2	6.8	---	6.9	5.6
14	3.5	3.5	4.1	5.0	6.2	6.8	---	6.9	5.5
15	3.5	4.0	.0	5.0	6.5	6.8	---	6.8	5.5
16	3.5	4.0	.0	5.1	6.5	6.8	---	6.8	5.4
17	3.5	4.0	.0	5.1	6.5	6.8	.0	6.7	5.3
18	3.5	4.0	.0	5.1	6.5	6.8	2.0	6.7	5.2
19	3.5	4.0	.0	5.1	6.5	*	3.0	6.6	5.1
20	3.5	4.0	.0	5.1	6.5	---	4.0	6.6	5.0
21	3.5	4.0	.0	5.4	6.5	---	5.0	6.5	4.9
22	3.8	4.0	.0	5.4	6.5	---	5.5	6.5	4.8
23	3.8	4.0	.0	5.4	6.5	---	5.6	6.5	4.6
24	3.8	4.0	.0	6.2	6.5	---	6.0	6.4	4.5
25	3.8	4.0	.0	6.2	6.5	---	6.1	6.4	4.4
26	3.8	4.0	.2	6.2	6.5	---	6.1	6.4	*
27	3.8	5.4	.2	6.2	6.5	---	6.2	6.3	---
28	4.0	5.4	.2	6.2	6.5	---	6.3	6.3	---
29	4.0	3.0	.5	6.2	6.5	---	6.5	6.2	---
30	4.0	2.0	1.6	6.2	6.5	---	6.5	6.2	---
31	4.0	---	.5	6.2	---	---	---	6.2	---
Mean	3.7	3.3	1.1	4.9	6.4	6.8	4.9	6.8	5.4
Max.	4.0	5.4	5.5	6.2	6.5	6.8	6.5	7.5	6.0
Min.	3.5	.0	.0	1.2	5.6	6.5	.0	6.2	4.4
A. F.	230	198	70	302	378	241	137	415	270

Area reported 320 acres.  
Water used 1419 A. F.  
Per acre 4.43 A. F.

Area reported 420 acres.  
Water used 822 A. F.  
Per acre 1.95 A. F.

Date	1923											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	0.0	1.5	1.5	1.5
2	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	.0	1.5	1.5	1.5
3	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	.0	1.5	1.5	1.5
4	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	.0	1.5	1.5	1.5
5	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	.0	1.5	1.5	1.5
6	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	.0	1.5	1.5	1.5
7	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	.0	1.5	1.5	1.5
8	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	.0	1.5	1.5	1.5
9	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	.0	1.5	1.5	1.5
10	2.0	2.0	1.5	1.5	1.5	2.5	1.5	7.0	.0	1.5	1.5	1.5
11	2.0	2.0	1.5	1.5	1.5	.0	1.5	3.0	5.0	1.5	1.5	1.5
12	2.0	2.0	1.5	1.5	1.5	.0	1.5	3.0	5.0	1.5	1.5	1.5
13	2.0	2.0	1.5	1.5	1.5	.0	1.5	3.0	5.0	1.5	1.5	1.5
14	2.0	2.0	1.5	1.5	1.5	.0	1.5	3.0	5.0	1.5	1.5	1.5
15	2.0	2.0	1.5	1.5	1.5	.0	1.5	3.0	5.0	1.5	1.5	1.5
16	2.0	1.5	1.5	1.5	1.5	1.5	7.0	3.0	5.0	1.5	1.5	1.5
17	2.0	1.5	1.5	1.5	1.5	1.5	7.0	3.0	5.0	1.5	1.5	1.5
18	2.0	1.5	1.5	1.5	1.5	1.5	7.0	3.0	5.0	1.5	1.5	1.5
19	2.0	1.5	1.5	1.5	1.5	1.5	7.0	3.0	5.0	1.5	1.5	1.5
20	2.0	1.5	1.5	1.5	1.5	1.5	7.0	3.0	5.0	1.5	1.5	1.5
21	2.0	1.5	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
22	2.0	1.5	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
23	2.0	1.5	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
24	2.0	1.5	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
25	2.0	1.5	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
26	2.0	1.5	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
27	2.0	1.5	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
28	2.0	1.5	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
29	2.0	---	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
30	2.0	---	1.5	1.5	1.5	1.5	7.0	.0	3.0	1.5	1.5	1.5
31	2.0	---	1.5	---	1.5	---	7.0	.0	---	1.5	---	1.5
Mean	2.0	1.8	1.5	1.5	1.5	1.6	4.3	3.2	2.7	1.5	1.5	1.5
Max.	2.0	2.0	1.5	1.5	1.5	2.5	7.0	7.0	5.0	1.5	1.5	1.5
Min.	2.0	1.5	1.5	1.5	1.5	.0	1.5	.0	.0	1.5	1.5	1.5
A. F.	123	98	92	89	92	94	267	198	160	92	89	92

Area reported 480 acres.  
Water used 1486 A. F.  
Per acre 3.10 A. F.  
\*No record.



STATE OF NEBRASKA

Maranville Canal from Frenchman River—Continued

Date	1924					1925				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	4	8	4	5	4	*	4	6	5	7
2	4	8	4	5	4	.....	4	6	5	7
3	4	8	4	5	4	.....	4	6	5	7
4	4	8	4	5	4	.....	4	6	5	7
5	4	8	4	5	4	.....	4	6	5	7
6	4	8	4	5	4	.....	4	6	5	7
7	4	8	4	5	4	.....	4	6	5	7
8	4	8	4	5	4	.....	4	6	5	7
9	4	8	4	5	4	.....	4	6	5	7
10	4	8	4	5	4	.....	4	6	5	7
11	4	8	4	5	4	.....	4	6	5	7
12	4	8	4	5	4	.....	4	6	5	7
13	4	8	4	5	4	.....	4	6	5	7
14	4	8	4	5	4	.....	4	6	5	7
15	4	8	4	5	4	.....	4	6	5	7
16	4	8	4	5	4	.....	4	6	5	7
17	4	8	4	5	4	.....	4	6	5	7
18	4	8	4	5	4	.....	4	6	5	7
19	4	8	4	5	4	.....	4	6	5	7
20	4	8	4	5	4	.....	4	6	5	7
21	4	2	4	5	4	.....	4	8	5	11
22	4	2	4	5	4	.....	4	8	5	11
23	4	2	4	5	4	.....	4	8	5	11
24	4	2	4	5	4	.....	4	8	5	11
25	4	2	4	5	4	.....	4	8	5	11
26	4	2	4	5	4	.....	4	8	0	9
27	4	2	4	5	4	.....	4	8	0	9
28	4	2	4	5	4	.....	4	8	0	9
29	4	2	4	5	4	.....	4	8	0	9
30	4	2	4	5	4	.....	4	8	0	9
31	.....	.....	4	5	.....	.....	.....	0	.....	9
Mean	4	6	4	5	4	.....	6	4	.....	6
Max.	4	8	4	5	4	.....	8	6	.....	11
Min.	4	2	4	5	4	.....	4	0	.....	5
A. F.	246	357	246	307	238	208	357	268	474	357

Area reported 340 acres.  
Water used 1394 A. F.  
Per acre 4.10 A. F.

Area reported 420 acres.  
Water used 1664 A. F.  
Per acre 3.96 A. F.

Date	1927				
	May	June	July	Aug.	Sept.
1	4.1	3.0	6.5	3.3	5.5
2	4.1	3.0	6.5	3.3	5.5
3	4.1	3.0	6.5	3.3	5.5
4	4.1	3.0	6.5	3.3	5.5
5	4.1	3.0	6.5	3.3	5.5
6	4.1	3.0	6.5	3.3	5.5
7	4.1	3.0	6.5	3.3	5.5
8	4.1	3.0	6.5	3.3	5.5
9	4.1	3.0	6.5	3.3	5.5
10	4.1	3.0	6.5	3.3	5.5
11	4.1	.9	.0	4.5	5.5
12	4.1	.9	.0	4.5	5.5
13	4.1	.9	.0	4.5	5.5
14	4.1	.9	.0	4.5	5.5
15	4.1	.9	.0	4.5	5.5
16	4.0	.9	.0	4.5	5.5
17	4.0	.9	.0	4.5	5.5
18	4.0	.9	.0	4.3	5.5
19	4.0	.9	.0	4.5	5.5
20	4.0	.9	.0	4.5	5.5
21	3.9	.9	1.9	4.5	.0
22	3.9	.9	1.9	4.5	.0
23	3.9	.9	1.9	4.5	.0
24	3.9	.9	1.9	4.5	.0
25	3.9	.9	1.9	4.5	.0
26	3.9	.9	1.9	4.5	.0
27	3.9	.9	1.9	4.5	.0
28	3.9	.9	1.9	4.5	.0
29	3.9	.9	1.9	4.5	.0
30	3.9	.9	1.9	4.5	.0
31	3.9	.....	1.9	4.5	.....
Mean	4.0	1.6	2.8	4.1	3.7
Max.	4.1	3.0	6.5	4.5	5.5
Min.	3.9	.9	.0	3.3	.0
A. F.	247	95	170	253	218

Area reported 320 acres.  
Water used 983 A. F.  
Per acre 3.07 A. F.

\*No record.

DISCHARGE IN SECOND-FEET OF MEEKER CANAL

Diverted from Republican River. Docket 4-7-8-0—Date of Priority December 22, 1890

Date	1920				1921					
	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.	Oct.
1	*	67	28	20	8	21	21	41	27	11
2	....	55	35	20	8	25	25	27	25	12
3	....	85	37	20	8	25	18	18	18	12
4	....	83	41	20	8	25	19	18	18	13
5	....	85	50	20	10	45	21	21	18	12
6	....	85	32	20	12	33	21	37	18	12
7	....	85	41	20	12	25	25	4	18	12
8	65	83	35	20	14	1	21	7	25	12
9	65	83	24	20	14	0	15	27	25	13
10	53	74	17	20	16	0	13	21	25	14
11	60	74	16	20	16	0	15	33	37	14
12	55	83	19	20	16	0	16	33	37	16
13	65	83	19	20	18	0	18	25	37	18
14	55	80	14	20	20	0	10	19	37	19
15	67	83	14	20	20	0	10	25	25	18
16	65	65	14	14	20	16	19	19	30	18
17	60	57	13	3	25	16	21	18	27	19
18	69	41	11	3	25	15	21	12	30	18
19	17	71	11	4	27	15	19	8	41	19
20	32	4	11	4	25	15	18	8	23	21
21	55	3	11	4	20	15	16	10	11	21
22	55	2	10	3	19	15	15	10	11	21
23	53	1	10	3	18	15	25	16	10	23
24	48	65	11	3	18	13	21	15	11	18
25	46	28	14	0	21	12	19	33	9	16
26	55	3	17	*	41	15	19	25	8	18
27	69	3	17	....	37	12	18	19	6	16
28	67	19	19	....	49	16	16	18	6	16
29	69	39	19	....	41	30	16	21	10	0
30	65	40	20	....	64	21	18	18	10	0
31	65	28	....	....	25	....	37	23	....	0
Mean	57	53	21	14	22	15	19	20	21	15
Max.	69	85	50	20	64	45	37	41	41	23
Min.	17	1	10	0	8	0	10	4	6	11
A. F.	2727	3287	1250	676 *	1339	875	1162	1248	1256	897
Area reported 2668 acres.				Area reported 2655 acres.						
Water used 7940 A. F.				Water used 6777 A. F.						
Per acre 2.98 A. F.				Per acre 2.55 A. F.						

Date	1922					1923					
	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.	Oct.
1	24	8	27	24	19	17	1	16	29	9	14
2	24	8	28	22	21	1	1	14	25	14	24
3	24	5	32	27	19	1	1	12	25	17	17
4	24	8	31	27	19	3	1	20	25	12	5
5	8	19	28	22	17	27	1	15	1	20	3
6	8	19	28	26	17	27	0	10	3	14	3
7	24	19	29	26	21	29	0	11	17	24	1
8	24	8	27	26	24	31	0	20	17	24	3
9	24	15	29	27	24	32	0	15	17	10	3
10	24	19	31	24	24	27	0	34	20	14	3
11	24	21	29	24	25	24	0	23	20	22	1
12	24	21	28	24	25	25	0	30	10	20	1
13	24	22	27	24	25	27	0	40	14	22	1
14	24	15	29	24	25	31	0	37	25	22	1
15	8	17	29	25	25	24	0	37	14	14	1
16	24	15	30	24	26	25	0	24	9	12	1
17	24	24	28	22	26	31	0	30	14	15	1
18	24	24	29	22	25	27	1	1	14	14	1
19	24	24	29	24	*	17	10	1	14	12	1
20	24	23	28	22	....	16	8	1	15	15	1
21	24	26	29	22	....	12	5	1	14	10	1
22	24	26	28	21	....	1	8	1	12	14	*
23	24	25	29	19	....	2	15	0	14	15	....
24	15	27	29	19	....	12	10	0	10	10	....
25	12	29	28	19	....	1	3	0	9	5	....
26	10	28	32	19	....	1	2	0	3	5	....
27	13	29	28	19	....	1	9	29	1	9	....
28	12	29	28	21	....	1	16	3	24	14	....
29	13	27	26	19	....	1	16	2	29	12	....
30	13	27	29	21	....	1	16	25	29	12	....
31	....	28	26	....	....	1	....	25	25	....	....
Mean	20	20	29	23	23	15	4	15	16	14	4
Max.	24	29	32	27	26	31	16	40	29	24	24
Min.	8	5	26	19	17	1	0	0	1	5	1
A. F.	1174	1260	1761	1359	807	944	246	946	988	857	173
Area reported 2640 acres.					Area reported 2640 acres.						
Water used 6361 A. F.					Water used 4154 A. F.						
Per acre 2.41 A. F.					Per acre 1.57 A. F.						
*No record.											

## STATE OF NEBRASKA

## Meeker Canal from Republican River—Continued

Date	1924					
	May	June	July	Aug.	Sept.	Oct.
1	*	16	16	22	19	4
2	.....	16	13	19	16	4
3	.....	16	13	15	16	4
4	.....	15	13	13	16	4
5	.....	16	11	19	16	4
6	.....	15	11	20	16	4
7	.....	14	12	19	15	4
8	.....	14	12	19	13	4
9	.....	16	13	17	11	4
10	.....	16	11	19	13	4
11	.....	16	10	18	11	4
12	.....	16	9	19	9	4
13	.....	17	8	19	10	*
14	.....	18	14	20	11	.....
15	.....	18	16	19	11	.....
16	.....	14	16	19	14	.....
17	.....	14	14	19	14	.....
18	16	16	10	19	13	.....
19	16	16	8	18	11	.....
20	16	15	8	17	13	.....
21	16	16	5	15	13	.....
22	18	16	8	16	10	.....
23	17	14	10	16	7	.....
24	17	16	11	16	7	.....
25	17	17	11	13	7	.....
26	19	17	10	13	7	.....
27	19	17	7	13	7	.....
28	20	17	8	13	7	.....
29	17	16	13	11	7	.....
30	16	15	19	11	7	.....
31	14	.....	18	11	.....	.....
Mean	17	16	12	17	12	4
Max.	20	18	19	22	19	4
Min.	14	14	5	11	7	4
A. F.	472	942	710	1025	688	95

Area reported 2600 acres.  
Water used 3932 A. F.  
Per acre 1.51 A. F.

Date	1925					
	May	June	July	Aug.	Sept.	Oct.
1	12	19	14	31	18	2
2	12	19	14	31	16	7
3	12	19	24	28	14	10
4	7	19	24	23	11	5
5	14	4	24	24	14	5
6	16	10	28	20	24	7
7	16	12	28	28	18	12
8	19	19	28	20	18	12
9	19	31	34	24	18	14
10	19	28	41	28	18	14
11	19	14	34	22	18	14
12	19	7	44	19	18	14
13	19	14	31	16	18	14
14	22	16	22	28	18	14
15	28	12	19	14	20	15
16	31	22	22	12	5	15
17	28	28	24	12	4	14
18	16	16	24	14	2	14
19	16	22	26	7	7	14
20	19	28	24	4	12	12
21	19	31	23	1	5	12
22	19	28	23	1	10	12
23	18	19	18	1	10	12
24	18	16	17	7	5	13
25	13	28	20	11	5	10
26	14	31	26	31	7	9
27	16	34	26	31	7	9
28	18	28	28	19	3	9
29	19	22	28	1	1	9
30	22	16	24	1	1	9
31	22	.....	29	4	.....	9
Mean	18	20	26	17	12	9
Max.	31	34	44	31	24	15
Min.	7	4	14	1	1	9
A. F.	1111	1214	1569	1018	684	569

Area reported 2640 acres.  
Water used 6165 A. F.  
Per acre 2.34 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

1173

## Meeker Canal from Republican River—Continued

Date	1926					
	May	June	July	Aug.	Sept.	Oct.
1	33	28	30	30	17	4
2	34	21	33	27	17	5
3	34	22	33	26	11	3
4	35	26	34	25	7	3
5	30	22	34	23	5	9
6	28	19	34	26	7	17
7	33	17	40	25	9	17
8	31	9	37	22	11	17
9	31	9	34	22	16	16
10	30	23	31	21	20	15
11	28	23	34	19	20	14
12	26	23	33	8	20	15
13	31	28	19	7	15	16
14	30	30	30	6	10	16
15	30	30	30	6	5	16
16	29	31	26	23	5	17
17	30	33	30	18	5	17
18	30	28	26	12	5	19
19	28	29	21	19	5	19
20	28	28	23	18	6	17
21	28	26	16	17	6	17
22	28	28	14	17	17	17
23	26	30	33	16	16	17
24	20	30	35	16	16	17
25	19	33	37	12	16	17
26	21	33	33	19	16	3
27	31	30	30	19	15	3
28	31	23	33	21	17	9
29	30	23	28	20	19	19
30	33	26	30	21	8	20
31	22	.....	30	18	.....	21
Mean	29	25	30	19	12	14
Max.	35	33	40	30	20	21
Min.	19	9	14	6	5	3
A. F.	1781	1509	1853	1148	718	853

Area reported 2715 acres.  
Water used 7862 A. F.  
Per acre 2.90 A. F.

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	*	25	35	35	27	19
2	.....	22	22	35	24	19
3	.....	30	20	37	33	19
4	.....	27	20	33	27	18
5	.....	16	22	34	24	17
6	.....	7	10	33	24	17
7	.....	24	9	35	24	17
8	.....	20	23	32	25	14
9	.....	17	25	32	24	13
10	.....	13	30	33	21	12
11	.....	14	33	28	18	14
12	.....	9	30	25	19	19
13	.....	15	34	24	19	17
14	.....	22	24	24	20	14
15	.....	22	25	20	20	11
16	.....	16	28	24	22	10
17	.....	13	27	27	20	10
18	.....	15	24	24	19	10
19	.....	19	24	24	19	10
20	.....	27	25	25	20	10
21	.....	23	25	25	23	14
22	.....	18	19	27	23	14
23	.....	13	28	22	27	14
24	.....	9	32	20	30	19
25	.....	7	30	21	28	19
26	.....	27	6	32	21	10
27	.....	24	35	25	19	19
28	.....	25	33	33	24	19
29	.....	25	30	32	27	19
30	.....	25	30	28	19	19
31	.....	25	.....	30	28	14
Mean	22	19	27	27	22	15
Max.	27	33	35	37	33	19
Min.	17	6	9	20	10	10
A. F.	682	1125	1630	1682	1333	950

Area reported 2700 acres.  
Water used 7402 A. F.  
Per acre 2.74 A. F.

\*No record.

STATE OF NEBRASKA

Meeker Canal from Republican River—Continued

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	28	11	4	4	34	24
2	28	11	8	1	31	24
3	20	6	9	1	33	24
4	18	8	6	1	33	24
5	23	8	5	1	31	24
6	20	6	7	11	31	23
7	22	11	3	14	31	22
8	22	17	3	13	30	21
9	20	16	3	18	28	19
10	23	16	4	18	29	18
11	25	23	15	17	28	16
12	24	23	13	16	29	16
13	23	9	7	18	29	16
14	23	9	4	25	29	15
15	14	9	4	28	29	13
16	12	9	9	29	29	11
17	20	2	18	24	30	18
18	28	3	18	29	27	15
19	28	6	4	25	22	7
20	18	4	3	27	35	8
21	13	3	3	30	35	12
22	11	6	2	24	34	12
23	17	6	1	30	33	9
24	16	7	1	31	24	25
25	15	4	11	31	19	27
26	16	7	6	31	19	25
27	15	15	11	31	17	24
28	17	4	6	29	15	24
29	19	10	11	30	23	25
30	18	6	4	31	24	28
31	16	—	4	31	—	27
Mean	20	9	7	21	28	19
Max.	28	23	18	31	35	28
Min.	11	4	1	1	15	7
A. F.	1214	545	411	1287	1668	1182

Area reported 2855 acres.  
Water used 6307 A. F.  
Per acre 2.21 A. F.

DISCHARGE IN SECOND-FEET OF MEGLEMRE CANAL

Diverted from Greenwood Creek. Application 294—Date of Priority May 6, 1896  
Application 853—Date of Priority March 11, 1907

Date	1919			1920		
	Aug.	June	July	Aug.	Sept.	Sept.
1	*	*	1.5	2.0	3.5	3.5
2	—	—	1.0	1.5	3.5	3.5
3	—	—	2.0	1.5	3.5	3.5
4	—	—	2.0	1.5	4.0	4.0
5	—	—	2.0	1.5	4.0	4.0
6	—	—	2.0	1.5	4.0	4.0
7	—	—	3.0	1.5	4.0	4.0
8	—	—	4.0	1.5	4.0	4.0
9	—	—	4.0	1.5	4.0	4.0
10	—	—	4.0	2.0	4.0	4.0
11	—	—	.0	2.0	4.0	4.0
12	—	—	.0	2.0	4.0	4.0
13	0.3	—	.0	2.0	4.0	4.0
14	.2	—	.0	2.0	5.0	5.0
15	.1	—	.0	3.0	5.0	5.0
16	.3	—	.0	3.0	5.0	5.0
17	.3	—	.0	2.0	6.5	6.5
18	.1	—	.0	1.5	6.5	6.5
19	.1	—	.0	1.5	5.0	5.0
20	.1	—	.0	2.0	5.0	5.0
21	.1	—	.0	2.0	*	*
22	.1	—	.0	2.0	—	—
23	.1	—	1.5	.0	2.0	—
24	.6	—	3.0	.0	2.0	—
25	.7	—	4.0	.0	2.0	—
26	.6	—	3.5	.0	2.0	—
27	.3	—	3.0	.0	2.0	—
28	.3	—	3.0	.0	2.0	—
29	.6	—	3.0	.0	3.0	—
30	.6	—	2.0	.0	3.5	—
31	.6	—	2.0	.0	3.5	—
Mean	0.3	—	.0	.0	3.5	—
Max.	.7	—	2.8	0.8	2.1	4.4
Min.	.1	—	4.0	4.0	3.5	6.5
A. F.	12	—	1.5	.0	1.5	3.5

\*No record.

Area reported 120 acres.  
Water used 405 A. F.  
Per acre 3.38 A. F.

# HYDROGRAPHIC REPORT—1928

1175

## Meglemre Canal from Greenwood Creek—Continued

Date	1921				1922		
	July	Aug.	Sept.	Oct.	June	July	Aug.
1	*	1.2	1.2	4.0	*	2.0	0.0
2	....	1.5	1.0	3.0	....	2.5	.0
3	....	1.5	.5	2.0	....	2.5	1.0
4	....	1.5	*	*	....	2.5	2.5
5	2.0	1.6	....	....	....	2.5	2.5
6	2.0	1.6	....	....	....	4.0	2.5
7	2.0	1.2	....	....	....	4.0	.5
8	2.0	1.5	....	....	....	4.0	.5
9	2.0	1.6	....	....	....	4.0	.5
10	2.0	1.6	....	....	....	4.0	.0
11	2.0	1.6	....	....	....	2.5	.2
12	2.0	1.6	....	....	....	.5	.1
13	2.0	1.6	....	....	....	.5	.5
14	2.0	1.6	....	....	....	.5	2.5
15	2.1	1.6	....	....	....	.5	2.5
16	2.1	1.6	....	....	....	.7	2.5
17	2.1	1.6	....	....	....	.5	*
18	2.1	1.6	....	....	....	3.5	....
19	2.1	1.6	....	....	....	4.0	....
20	.0	1.6	....	....	....	.5	....
21	.0	1.6	....	....	....	3.5	....
22	.0	1.6	....	....	....	2.5	....
23	2.0	1.6	....	....	....	2.5	....
24	2.0	1.6	....	....	....	2.5	....
25	2.0	1.6	....	....	....	2.5	....
26	.0	1.5	....	....	2.5	2.5	....
27	.0	1.5	....	....	2.5	1.0	....
28	.0	1.5	....	....	2.5	2.5	....
29	2.0	1.6	....	....	2.5	2.5	....
30	1.5	1.6	....	....	3.5	2.5	....
31	1.5	1.2	....	....	....	2.5	....
Mean	1.5	1.5	0.9	3.0	2.7	2.4	1.1
Max.	2.1	1.6	1.2	4.0	3.5	4.0	2.5
Min.	.0	1.2	.5	2.0	2.5	.5	.0
A. F.	82	95	5	18	32	146	36

Area reported 126 acres.  
Water used 200 A. F.  
Per acre 1.59 A. F.

Area reported 70 acres.  
Water used 214 A. F.  
Per acre 3.06 A. F.

Date	1925			1926		
	May	June	July	June	July	Aug.
1	0.5	5.0	5.0	2	4	1
2	.5	5.0	2.8	2	4	1
3	.5	5.0	5.0	2	5	1
4	.5	5.0	2.8	2	5	1
5	1.0	5.0	5.0	2	5	1
6	1.0	2.8	5.0	2	0	1
7	.5	8.0	2.8	2	0	1
8	5.0	1.0	2.8	2	0	1
9	4.0	1.0	2.8	1	0	1
10	8.0	1.0	2.8	1	0	1
11	5.0	1.0	2.8	2	5	1
12	2.8	1.0	2.8	0	5	1
13	2.8	1.0	2.8	2	5	1
14	2.8	5.0	2.8	5	5	1
15	5.0	5.0	2.8	4	5	1
16	5.0	5.0	2.8	5	5	6
17	5.0	5.0	2.8	2	5	6
18	5.0	5.0	2.8	1	5	6
19	5.0	5.0	2.8	1	5	6
20	5.0	5.0	2.8	1	5	6
21	5.0	5.0	2.8	1	5	6
22	5.0	5.0	2.8	1	5	6
23	5.0	2.8	2.8	1	5	6
24	5.0	8.0	2.8	1	5	6
25	5.0	8.0	2.8	1	5	6
26	5.0	5.0	2.8	1	5	6
27	2.8	5.0	2.8	5	5	6
28	2.8	5.0	2.8	5	5	6
29	1.6	5.0	*	5	5	6
30	2.8	5.0	....	5	5	6
31	5.0	....	....	....	5	6
Mean	3.5	4.4	3.1	2	4	4
Max.	5.0	8.0	5.0	5	5	6
Min.	.5	1.0	2.8	0	0	1
A. F.	218	259	173	133	254	220

Area reported 108 acres.  
Water used 650 A. F.  
Per acre 6.02 A. F.  
\*No record.

Area reported 108 acres.  
Water used 607 A. F.  
Per acre 5.62 A. F.

**DISCHARGE IN SECOND-FEET OF MIDLAND-OVERLAND CANAL**  
 Diverted from North Platte River. Docket 789—Date of Priority June 9, 1894  
 Docket 791—Date of Priority August 14, 1894

Date	1924			1925				
	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	18	13	11	*	17	22	17	8
2	18	13	11	....	17	22	17	8
3	18	13	11	....	17	22	17	8
4	18	13	11	....	17	22	17	8
5	18	13	11	....	17	22	17	8
6	18	13	11	....	17	22	17	8
7	18	13	11	....	17	22	17	8
8	18	13	11	....	17	22	17	8
9	18	13	11	....	17	22	17	8
10	18	13	11	....	17	22	17	8
11	18	13	11	....	17	15	12	10
12	18	13	11	....	17	15	12	10
13	18	13	11	....	17	15	12	10
14	18	13	11	....	17	15	12	10
15	18	13	11	....	17	15	12	10
16	18	8	11	7	17	15	12	10
17	18	8	11	7	17	15	12	10
18	18	8	11	7	17	15	12	10
19	18	8	11	7	17	15	12	10
20	18	8	11	7	17	15	12	10
21	20	8	11	7	0	9	8	20
22	20	8	11	7	0	9	8	20
23	20	8	11	7	0	9	8	20
24	20	8	11	7	0	9	8	20
25	20	8	11	7	0	9	8	20
26	20	8	11	7	0	9	8	20
27	20	8	11	7	0	9	8	20
28	20	8	11	7	0	9	8	20
29	20	8	11	7	0	9	8	20
30	20	8	11	7	0	9	8	20
31	20	8	....	7	....	9	8	....
Mean	19	10	11	7	11	15	12	13
Max.	20	13	11	7	17	22	17	20
Min.	18	8	11	7	0	9	8	8
A. F.	1150	641	655	222	674	930	750	754
Area reported 840 acres.				Area reported 1975 acres.				
Water used 2446 A. F.				Water used 3330 A. F.				
Per acre 2.91 A. F.				Per acre 1.69 A. F.				

Date	1926				1927			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	4	5	8	3	18	17	6	1
2	4	5	8	3	18	17	6	1
3	4	5	8	3	18	17	6	1
4	4	5	8	3	18	17	6	1
5	4	5	8	3	18	17	6	1
6	4	5	8	3	18	17	6	1
7	4	5	8	3	18	17	6	1
8	4	5	8	3	18	17	6	1
9	4	5	8	3	18	17	6	1
10	4	5	8	3	18	17	6	1
11	8	5	7	3	18	17	6	1
12	8	5	7	3	18	17	6	1
13	8	5	7	3	18	17	6	1
14	8	5	7	3	18	17	6	1
15	8	5	7	3	18	17	6	1
16	8	5	7	3	18	17	1	1
17	8	5	7	3	18	17	1	1
18	8	5	7	3	18	17	1	1
19	8	5	7	3	18	17	1	1
20	8	5	7	3	18	17	1	1
21	5	0	7	3	18	17	1	1
22	5	0	7	3	18	17	1	1
23	5	0	7	3	18	17	1	1
24	5	0	7	3	18	17	1	1
25	5	0	7	3	18	17	1	1
26	5	0	7	3	18	17	1	1
27	5	0	7	3	18	17	1	1
28	5	0	7	3	18	17	1	1
29	5	0	7	3	18	17	1	1
30	5	0	7	3	18	17	1	1
31	....	0	7	....	....	17	1	....
Mean	6	3	7	3	18	17	3	1
Max.	8	5	8	3	18	17	6	1
Min.	4	0	7	3	18	17	1	1
A. F.	337	198	450	179	1071	1045	210	60
Area reported 1922 acres.				Area reported 2107 acres.				
Water used 1164 A. F.				Water used 2386 A. F.				
Per acre 0.61 A. F.				Per acre 1.13 A. F.				
*No record.								

Midland-Overland Canal from North Platte River—Continued

Date	1928				
	June	July	Aug.	Sept.	Oct.
1	8	2	1	12	8
2	8	2	1	12	8
3	8	2	1	12	8
4	8	2	1	12	8
5	8	2	1	12	8
6	3	2	1	12	8
7	3	2	1	12	8
8	3	2	1	12	8
9	3	2	1	12	8
10	3	2	1	12	8
11	3	2	1	9	8
12	3	2	1	9	8
13	3	2	1	9	8
14	3	2	1	9	8
15	3	2	1	9	8
16	3	2	1	9	8
17	3	2	1	9	8
18	3	2	1	9	8
19	3	2	1	9	8
20	3	2	1	9	8
21	3	3	1	9	8
22	3	3	1	9	8
23	3	3	1	9	8
24	3	3	1	9	8
25	3	3	1	9	8
26	0	3	1	9	8
27	0	3	1	9	9
28	0	3	1	9	8
29	0	3	1	9	8
30	0	3	1	9	8
31	....	3	1	—	8
Mean	3	2	1	10	8
Max.	8	3	1	12	8
Min.	0	2	1	9	8
A. F.	198	145	61	595	492

Area reported 2043 acres.  
Water used 1491 A. F.  
Per acre 0.73 A. F.

DISCHARGE IN SECOND-FEET OF MINATARE CANAL

Diverted from North Platte River. Docket 919—Date of Priority January 14, 1888

Date	1919				1920			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	0	88	55	*	80	80	24
2	....	0	88	56	....	76	24	24
3	....	0	78	57	....	84	24	24
4	....	0	78	*	....	76	20	24
5	....	0	68	....	....	84	26	24
6	....	0	78	....	....	90	24	24
7	....	0	88	....	....	90	22	26
8	53	0	88	....	....	88	20	26
9	53	0	73	....	....	60	20	26
10	53	0	78	....	....	60	24	24
11	50	0	78	....	....	55	20	10
12	48	0	63	....	....	60	22	9
13	45	12	63	....	....	76	16	9
14	42	12	63	....	....	94	14	9
15	43	8	63	....	....	88	14	9
16	45	0	63	....	....	72	16	9
17	45	0	48	....	....	52	16	10
18	46	0	42	....	....	38	14	10
19	47	0	42	....	....	60	90	10
20	47	0	48	....	....	48	72	10
21	48	68	42	....	....	44	80	10
22	49	78	38	....	....	44	76	14
23	50	88	38	....	....	44	72	14
24	53	84	40	....	....	52	52	14
25	55	78	42	....	....	76	66	10
26	53	78	44	....	....	94	60	80
27	51	78	46	....	....	76	76	84
28	49	78	48	....	....	94	76	60
29	47	68	50	....	....	88	72	56
30	45	78	52	....	....	66	72	22
31	....	88	54	....	....	76	30	....
Mean	49	29	60	†50	66	72	45	16
Max.	55	88	88	57	94	90	90	26
Min.	42	0	38	55	44	38	14	9
A. F.	2216	1777	3713	†2975	1440	4429	2745	799

Area reported 7000 acres.  
Water used 10681 A. F.  
Per acre 1.53 A. F.

Area reported 7000 acres.  
Water used 9413 A. F.  
Per acre 1.34 A. F.

\*No record. †Estimated.



## STATE OF NEBRASKA

## Minatare Canal from North Platte River—Continued

Date	1921					1922				
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.	
1	*	10	135	3	16	*	64	19	55	
2	---	6	122	3	19	---	56	16	50	
3	---	10	113	3	21	---	152	14	45	
4	---	44	52	10	21	---	159	14	40	
5	---	6	16	14	19	---	6	152	14	35
6	---	10	14	16	19	---	44	132	14	30
7	---	14	14	24	16	---	45	130	14	28
8	---	19	10	33	16	---	46	129	14	28
9	---	14	19	30	14	---	48	100	14	28
10	60	10	14	33	19	---	50	80	14	28
11	60	19	12	57	16	---	50	48	14	28
12	60	19	52	51	14	---	60	60	14	28
13	55	19	48	51	16	---	65	80	14	28
14	55	14	44	48	16	---	70	100	14	28
15	55	16	48	48	16	---	87	120	14	26
16	50	19	52	52	19	---	90	135	14	26
17	50	19	52	52	19	---	95	135	14	24
18	50	24	48	52	5	---	100	117	13	24
19	40	30	44	48	5	---	109	124	12	22
20	40	70	10	44	5	---	113	112	10	20
21	36	96	52	36	5	---	120	117	10	20
22	36	113	36	40	5	---	130	117	9	20
23	36	113	48	48	5	---	140	117	9	20
24	30	113	44	19	5	---	150	117	9	20
25	30	118	48	14	5	---	152	53	9	20
26	30	113	52	12	3	---	159	53	28	20
27	14	118	70	10	3	---	159	53	65	20
28	10	130	66	10	3	---	159	53	65	20
29	6	135	61	8	3	---	159	53	9	*
30	6	139	52	12	3	---	170	35	46	---
31	6	---	52	16	---	---	---	19	48	---
Mean	37	53	48	29	12	---	99	96	19	28
Max.	60	139	135	57	21	---	170	159	65	55
Min.	6	6	10	3	3	---	6	19	3	20
A. F.	1617	3134	2975	1779	696	---	5109	5895	1152	1549
Area reported **7000 acres.						Area reported 9660 acres.				
Water used 10201 A. F.						Water used 13705 A. F.				
Per acre 1.46 A. F.						Per acre 1.42 A. F.				

Date	1923					1924					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	*	20	0	40	30	*	8	63	58	62	
2	---	15	0	40	30	---	8	63	58	62	
3	---	10	0	40	30	---	8	63	58	62	
4	---	5	0	40	30	---	8	63	58	62	
5	---	0	0	40	30	---	8	63	58	62	
6	---	0	15	40	40	---	8	63	58	62	
7	---	0	15	40	40	---	8	63	58	62	
8	---	0	15	40	40	---	8	63	58	62	
9	---	0	15	40	40	---	8	63	58	62	
10	---	0	15	40	40	---	8	63	58	62	
11	---	0	30	40	50	---	8	63	58	62	
12	---	0	30	40	50	---	8	63	58	62	
13	---	0	30	40	50	---	8	63	58	62	
14	---	0	30	40	50	---	8	63	58	62	
15	---	0	30	40	50	---	8	63	58	62	
16	---	0	30	40	53	---	10	8	63	76	0
17	---	0	30	40	53	---	10	8	63	76	0
18	---	0	30	40	53	---	10	8	63	76	0
19	---	0	30	40	53	---	10	8	63	76	0
20	---	0	30	40	53	---	10	8	63	76	0
21	---	0	40	40	38	---	30	60	60	76	0
22	---	0	40	40	38	---	30	60	60	76	0
23	---	0	40	40	38	---	30	60	60	76	0
24	---	0	40	40	38	---	30	60	60	76	0
25	---	0	40	40	38	---	30	60	60	76	0
26	---	0	40	32	30	---	10	60	60	76	0
27	0	0	40	32	20	---	10	60	60	76	0
28	10	0	40	32	10	---	10	60	60	76	0
29	15	0	40	32	10	---	10	60	60	76	0
30	30	0	40	32	5	---	10	60	60	76	0
31	38	---	40	32	---	---	10	---	60	76	0
Mean	19	2	26	38	38	---	16	25	62	67	31
Max.	38	20	40	40	53	---	30	60	63	76	62
Min.	0	0	0	32	5	---	10	8	60	58	0
A. F.	184	99	1617	2364	2241	---	516	1507	3808	4138	1845
Area reported 9660 acres.						Area reported 9660 acres.					
Water used 6505 A. F.						Water used 11814 A. F.					
Per acre 0.67 A. F.						Per acre 1.22 A. F.					

\*No record. \*\*Based on 1919 acreage report.

# HYDROGRAPHIC REPORT—1928

1179

## Minatare Canal from North Platts River—Continued

Date	1925					1926					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	21	30	68	35	30	0	52	76	60	47	35
2	21	30	68	35	40	0	52	88	60	46	35
3	15	30	68	35	40	0	52	70	60	46	35
4	10	40	68	35	40	0	52	4	60	46	46
5	6	40	68	35	40	0	52	4	60	46	47
6	6	40	78	21	21	0	52	50	54	46	65
7	6	40	78	21	21	0	52	99	77	46	65
8	6	40	78	21	21	0	52	37	77	46	50
9	6	40	78	21	21	0	52	46	87	46	0
10	6	40	78	21	21	0	52	54	84	46	0
11	6	40	78	21	15	0	76	54	80	50	0
12	6	40	130	21	15	0	76	54	100	50	0
13	6	40	130	21	15	0	70	54	130	41	0
14	6	40	130	21	15	0	60	54	102	35	0
15	6	40	130	21	15	0	60	54	102	35	0
16	60	40	130	97	7	0	52	54	102	30	0
17	60	40	120	97	7	0	39	54	102	28	0
18	60	68	115	97	7	14	39	54	102	28	0
19	60	68	110	97	7	14	39	54	102	28	0
20	60	68	106	97	7	14	39	54	65	28	0
21	60	55	100	40	7	28	39	65	75	28	0
22	60	55	92	40	7	28	39	65	72	28	0
23	60	55	92	40	7	28	39	65	65	28	0
24	60	55	92	40	7	28	39	94	50	28	0
25	60	55	92	40	7	28	46	94	50	41	0
26	64	45	60	11	0	75	46	55	50	47	0
27	64	45	50	11	0	100	52	55	53	53	0
28	64	45	45	11	0	128	70	55	53	38	0
29	64	45	45	11	0	100	82	55	53	41	0
30	64	45	21	11	0	75	94	55	44	35	0
31	64	....	21	11	....	52	....	55	41	....	0
Mean	36	45	84	37	15	23	54	57	73	39	12
Max.	64	68	130	97	40	128	76	99	130	53	65
Min.	6	30	21	11	0	0	39	4	41	28	0
A. F.	2216	2686	5195	2253	873	1412	3205	3533	4506	2342	750

Area reported 6995 acres.  
Water used 13223 A. F.  
Per acre 1.89 A. F.

Area reported 7000 acres.  
Water used 15748 A. F.  
Per acre 2.25 A. F.

Date	1927					1928				
	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.	Oct.
1	0	55	86	42	36	66	36	24	88	32
2	0	36	74	55	30	66	32	32	66	28
3	0	62	70	42	24	66	47	36	50	24
4	11	52	64	36	22	50	24	30	68	24
5	11	55	68	55	20	32	24	50	56	20
6	11	62	74	62	20	44	6	57	60	0
7	11	70	80	62	20	30	4	57	50	*
8	20	74	74	30	0	60	47	57	50	....
9	30	86	74	36	0	64	32	57	50	....
10	42	80	76	36	0	56	28	57	50	....
11	40	62	76	52	0	44	28	64	60	....
12	40	42	74	55	0	42	18	88	60	....
13	40	68	46	48	0	42	6	56	60	....
14	40	74	46	58	0	54	30	50	56	....
15	40	80	48	50	0	56	30	68	56	....
16	40	86	64	52	0	50	46	80	50	....
17	55	86	64	62	0	44	64	66	50	....
18	62	74	62	62	0	44	98	56	46	....
19	30	62	48	52	0	44	98	56	54	....
20	30	68	80	36	0	44	50	56	56	....
21	42	86	68	30	0	32	7	64	64	....
22	42	92	42	50	0	32	7	64	64	....
23	42	80	50	52	0	42	24	56	64	....
24	55	104	42	68	0	44	24	66	56	....
25	55	116	42	55	0	44	32	68	50	....
26	58	134	42	42	0	56	28	60	46	....
27	62	132	46	36	0	64	8	76	44	....
28	86	134	50	62	0	56	20	84	44	....
29	80	134	42	64	0	56	24	66	47	....
30	24	122	42	36	0	44	12	66	47	....
31	....	104	42	....	....	....	12	66	....	....
Mean	37	83	60	51	6	49	31	59	55	21
Max.	86	134	86	86	36	66	98	84	88	32
Min.	0	36	42	36	0	30	4	24	44	0
A. F.	2180	5101	3681	3031	341	2012	1876	3636	3297	254

Area reported 9018 acres.  
Water used 14334 A. F.  
Per acre 1.59 A. F.  
\*No record.

Area reported 9000 acres.  
Water used 11975 A. F.  
Per acre 1.33 A. F.

DISCHARGE IN SECOND-FEET OF MITCHELL CANAL

Diverted from North Platte River. Adjudicated in Wyoming--Date of Priority  
January 20, 1890

Date	1916						1917				
	Apr.	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.	Oct.
1	*	43	133	205	220	160	*	168	205	164	90
2	....	71	191	205	220	153	....	168	205	174	90
3	....	123	191	205	132	153	....	168	205	174	90
4	....	123	191	205	132	153	....	168	205	174	90
5	....	132	191	205	132	153	....	168	205	122	90
6	....	142	191	205	132	153	....	168	205	174	90
7	....	142	196	205	142	153	....	168	205	168	90
8	....	142	196	220	142	153	....	168	225	168	90
9	....	99	191	227	142	153	84	196	225	168	90
10	....	153	191	212	132	153	84	174	225	168	90
11	....	153	191	212	165	153	84	174	225	168	84
12	....	153	191	212	165	153	130	174	225	168	77
13	....	153	132	220	177	153	149	174	225	168	70
14	....	123	132	220	191	153	168	174	225	168	45
15	....	123	132	*	191	153	168	174	168	168	45
16	....	123	99	*	190	153	168	174	168	168	45
17	....	123	132	205	191	153	168	174	168	90	42
18	....	*	132	205	191	153	140	182	168	90	*
19	....	142	132	205	191	153	150	182	168	90	42
20	....	114	132	205	191	153	150	182	168	90	—
21	....	123	143	205	220	153	158	182	168	90	—
22	42	123	137	205	220	153	158	189	168	90	—
23	45	123	137	205	220	62	150	196	168	90	—
24	42	123	132	165	220	62	150	196	168	90	—
25	42	114	159	191	220	62	150	200	168	90	—
26	40	114	137	220	220	62	150	205	168	90	—
27	40	114	137	220	220	62	150	196	168	90	—
28	40	123	198	228	220	62	150	196	168	90	—
29	40	153	198	228	75	62	150	205	159	90	—
30	40	153	205	227	177	62	168	205	150	90	—
31	....	153	....	142	153	....	....	205	115	....	....
Mean	41	126	162	207	179	129	144	182	187	131	75
Max.	45	153	205	228	220	160	168	205	225	174	90
Min.	40	43	99	142	75	42	84	168	115	90	42
A. F.	736	7523	9620	11929	10977	7674	6301	11215	11477	7779	2684

Area reported \*.  
Water used 48459 A. F.  
Per acre \*.

Area reported 13781 acres.  
Water used 39456 A. F.  
Per acre 2.86 A. F.

Date	1918						1919			
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.
1	*	126	158	158	64	64	*	120	235	315
2	....	126	158	158	163	64	....	125	225	310
3	....	126	158	158	163	64	....	130	220	300
4	....	126	158	158	163	64	....	135	215	290
5	....	126	158	158	163	64	50	140	210	275
6	....	126	158	158	163	64	100	145	208	265
7	....	126	158	158	163	64	120	155	208	235
8	....	135	158	158	163	64	150	160	210	215
9	....	126	158	158	163	64	165	170	211	200
10	....	126	158	158	163	64	172	180	212	180
11	....	135	158	158	163	64	168	190	213	180
12	....	135	182	158	163	64	166	200	214	*
13	....	135	158	158	163	64	164	210	215	....
14	....	135	158	158	163	64	162	225	215	....
15	....	154	158	158	163	64	160	235	215	....
16	48	154	158	158	163	64	158	240	205	....
17	56	154	158	168	163	*	156	250	200	....
18	56	154	158	158	144	....	150	260	185	....
19	56	154	158	158	144	....	140	265	170	....
20	64	154	158	163	144	....	138	270	162	....
21	72	154	158	163	64	....	135	275	170	....
22	72	154	158	172	64	....	132	275	180	....
23	72	154	158	163	64	....	130	275	184	....
24	75	154	158	163	64	....	128	270	210	....
25	89	158	186	163	64	....	125	265	220	....
26	89	158	158	163	64	....	122	265	230	....
27	89	158	158	163	115	....	121	260	238	....
28	89	158	158	163	64	....	120	255	245	....
29	126	158	158	163	64	....	120	250	255	....
30	124	158	158	150	64	....	120	245	275	....
31	126	....	158	89	....	....	....	240	295	....
Mean	81	143	160	158	127	64	137	215	215	251
Max.	126	158	186	172	163	64	172	275	295	315
Min.	48	126	158	89	64	64	50	120	162	180
A. F.	2534	8523	9818	9699	7527	2031	7085	13250	13210	5484

Area reported 13781 acres.  
Water used 40182 A. F.  
Per acre 2.92 A. F.

Area reported 13781 acres.  
Water used 39029 A. F.  
Per acre 2.83 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

1181

## Mitchell Canal from North Platte River—Continued

Date	1921					1922				
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.	Oct.
1	100	50	169	224	215	60	160	110	200	90
2	98	49	174	225	210	60	165	120	205	200
3	96	47	180	226	205	55	168	130	208	202
4	94	46	185	227	200	75	170	140	210	212
5	92	45	191	228	195	84	175	150	215	*
6	90	44	197	229	190	84	178	160	218	....
7	88	42	198	230	185	84	179	176	215	....
8	86	41	198	231	180	84	180	176	210	....
9	86	47	199	232	175	84	180	176	205	....
10	82	53	200	233	170	84	180	176	202	....
11	79	58	202	234	165	84	180	176	202	....
12	76	63	203	236	160	84	180	176	190	....
13	74	69	204	239	155	103	180	176	50	....
14	72	75	205	241	150	110	180	176	25	....
15	71	80	206	243	145	120	180	176	50	....
16	70	85	207	245	140	130	179	176	100	....
17	68	91	208	247	136	140	178	176	150	....
18	67	96	209	249	131	150	176	175	172	....
19	66	102	210	257	126	165	175	175	62	....
20	64	108	211	253	122	160	175	173	74	....
21	62	114	212	250	117	155	170	172	85	....
22	61	119	213	246	112	150	165	172	95	....
23	60	124	214	243	108	145	160	172	105	....
24	59	130	215	240	103	140	155	175	115	....
25	58	136	217	237	98	138	150	178	118	....
26	57	141	218	234	94	132	145	180	109	....
27	56	147	219	231	88	140	140	184	100	....
28	54	152	220	228	84	145	130	188	20	....
29	53	158	221	225	80	150	120	190	40	....
30	52	163	222	223	76	155	110	195	60	....
31	51	....	223	220	....	....	106	198	....	....
Mean	72	89	205	236	144	115	164	170	131	176
Max.	100	163	223	253	215	165	180	198	218	212
Min.	51	41	169	220	76	55	106	110	20	90
A. F.	4453	5306	12595	14491	8559	6843	10054	10459	7775	1396

Area reported 13781 acres.

Water used 45404 A. F.

Per acre 3.29 A. F.

Area reported 13790 acres.

Water used 36527 A. F.

Per acre 2.65 A. F.

Date	1923					1924				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	180	0	154	178	*	162	242	340	132
2	0	180	0	154	178	....	162	242	340	132
3	0	180	0	154	178	....	162	242	340	132
4	0	180	0	154	178	....	162	242	340	132
5	0	180	0	154	178	....	162	242	340	132
6	0	200	50	150	180	....	134	298	240	132
7	0	200	50	150	180	....	134	298	240	132
8	0	200	50	150	180	....	134	298	240	132
9	0	200	50	150	180	....	134	298	240	132
10	0	200	50	150	180	....	134	298	240	132
11	0	256	236	150	184	....	240	298	240	132
12	0	256	236	150	184	....	240	298	240	132
13	0	256	236	150	184	....	240	298	240	132
14	0	256	236	150	184	....	240	298	240	132
15	0	256	236	150	184	....	240	298	240	132
16	0	250	200	154	170	100	240	298	288	132
17	0	200	100	154	160	100	240	298	288	132
18	0	150	50	154	150	100	240	432	288	132
19	0	100	0	154	150	100	240	432	288	132
20	0	50	0	154	154	100	240	432	288	132
21	0	0	0	168	150	208	252	460	288	132
22	0	0	50	168	138	208	252	460	288	132
23	0	0	100	168	140	208	252	460	288	132
24	0	0	150	168	150	208	252	460	288	132
25	0	0	160	168	160	208	252	460	288	132
26	100	0	160	178	170	162	240	340	282	132
27	150	0	160	178	182	162	240	340	282	132
28	160	0	160	178	200	162	240	340	282	132
29	180	0	160	178	226	162	240	340	282	132
30	180	0	160	178	150	162	240	340	282	132
31	180	....	160	178	....	162	....	340	282	....
Mean	31	131	103	160	172	148	211	336	280	132
Max.	180	256	236	178	226	208	252	460	340	132
Min.	0	0	0	150	130	0	134	242	240	132
A. F.	1884	7795	6347	9814	10235	4983	12575	20672	17201	7855

Area reported 13766 acres.

Water used 36075 A. F.

Per acre 2.62 A. F.

\*No record.

Area reported 13794 acres.

Water used 63284 A. F.

Per acre 4.59 A. F.

STATE OF NEBRASKA

Mitchell Canal from North Platte River—Continued

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	70	335	295	200	255	192	220	100	222	222
2	70	335	295	200	255	192	220	100	222	222
3	70	335	295	200	255	192	220	100	222	222
4	70	335	295	200	255	192	220	100	222	222
5	70	190	295	200	255	192	220	100	222	222
6	256	190	274	200	180	192	168	200	222	82
7	256	190	274	200	180	192	168	200	222	82
8	256	190	274	200	180	192	168	200	222	82
9	256	190	274	200	180	192	168	200	222	82
10	256	190	274	200	180	192	168	200	222	82
11	335	56	236	274	180	206	168	118	186	82
12	335	56	236	274	180	206	168	118	185	82
13	335	56	236	274	180	206	168	118	185	82
14	335	56	236	274	180	206	168	118	185	82
15	335	86	236	274	180	206	168	118	185	82
16	104	294	236	236	140	206	18	118	206	66
17	104	294	236	236	140	206	18	118	206	66
18	104	294	236	236	140	206	18	118	206	66
19	104	200	236	236	140	206	18	118	206	66
20	104	200	256	236	140	206	18	118	206	66
21	104	190	246	236	170	212	60	126	206	100
22	104	190	240	236	170	212	60	126	206	100
23	104	190	236	236	170	212	60	126	206	100
24	104	190	236	236	170	212	60	126	206	100
25	104	190	236	236	170	212	60	126	206	100
26	256	190	200	255	86	212	60	126	222	100
27	256	190	150	255	86	212	60	126	222	100
28	256	190	100	255	86	212	60	126	222	100
29	256	190	75	255	86	212	60	126	222	100
30	256	190	44	255	86	212	60	126	222	100
31	256	...	208	255	...	212	...	126	222	...
Mean	190	199	232	234	168	204	116	151	211	109
Max.	335	335	295	274	255	212	220	200	222	222
Min.	70	56	44	200	86	192	18	100	185	66
A. F.	11665	11845	14273	14400	10326	12520	6883	8065	12970	6466

Area reported 14000 acres.  
 Water used 62209 A. F.  
 Per acre 4.44 A. F.

Area reported 14000 acres.  
 Water used 46904 A. F.  
 Per acre 3.35 A. F.

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	4	0	106	120	236	68
2	4	28	103	136	236	150
3	4	28	106	136	236	162
4	4	68	106	56	178	162
5	4	106	106	56	178	150
6	68	103	120	56	204	162
7	68	136	178	0	236	162
8	68	178	178	0	236	162
9	68	178	190	0	236	162
10	68	178	190	0	150	162
11	0	190	178	0	190	106
12	0	178	236	0	204	94
13	0	190	236	0	220	80
14	0	204	236	68	150	68
15	0	190	236	94	150	56
16	6	220	236	94	136	0
17	6	204	226	136	106	0
18	6	204	236	150	106	0
19	6	204	236	150	106	0
20	6	204	236	190	106	0
21	6	236	236	190	190	0
22	6	220	236	178	220	0
23	6	204	236	178	204	0
24	6	136	204	190	190	0
25	6	150	204	220	190	0
26	0	136	204	236	162	0
27	0	178	204	236	150	0
28	0	178	220	178	150	0
29	0	120	150	178	94	0
30	0	80	120	178	80	0
31	0	...	120	236	...	...
Mean	14	154	187	117	174	61
Max.	68	236	236	236	236	162
Min.	0	0	106	0	80	0
A. F.	833	9188	11528	7220	10374	3781

Area reported 14000 acres estimated.  
 Water used 42924 A. F.  
 Per acre 3.07 A. F.

Mitchell Canal from North Platte River—Continued

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	67	170	46	206	220	170
2	67	170	46	206	220	136
3	55	124	56	180	220	220
4	67	124	56	206	220	220
5	55	124	170	220	192	220
6	55	124	170	206	192	220
7	55	124	170	220	192	206
8	55	120	180	220	180	192
9	55	124	180	220	170	206
10	55	114	192	220	180	220
11	170	114	206	220	180	206
12	170	108	206	220	180	192
13	170	114	206	206	160	206
14	170	114	220	220	160	0
15	170	120	206	220	160	*
16	160	160	206	220	146	....
17	160	160	114	220	146	....
18	160	146	114	220	146	....
19	160	146	206	220	146	....
20	160	136	170	220	136	....
21	160	124	180	220	124	....
22	160	160	206	230	114	....
23	160	160	206	220	114	....
24	160	160	192	220	114	....
25	160	136	192	220	114	....
26	170	136	206	192	114	....
27	170	0	206	206	90	....
28	170	0	206	206	170	....
29	170	0	0	206	170	....
30	136	0	102	206	170	....
31	170	....	206	206	....	....
Mean	130	117	162	214	161	187
Max.	170	170	220	220	220	220
Min.	55	0	0	180	90	0
A. F.	7978	6966	9961	13135	9600	5185

Area reported 14000 acres.  
Water used 52825 A. F.  
Per acre 3.77 A. F.

DISCHARGE IN SECOND-FEET OF NINE MILE CANAL

Diverted from North Platte River. Docket 925—O. D. Application 1431—Date of Priority December 6, 1893

Date	1919					1921			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	50	60	30	30	*	34	90	20
2	....	48	58	40	30	....	34	60	20
3	....	43	56	53	30	....	34	42	20
4	....	40	54	40	30	....	34	42	25
5	....	36	52	86	30	....	34	20	25
6	....	32	50	126	30	....	34	30	30
7	....	28	48	86	30	....	34	30	25
8	....	24	46	53	30	....	30	30	25
9	....	20	44	40	*	....	30	16	25
10	....	29	42	22	....	....	25	16	25
11	....	20	40	20	....	....	25	20	25
12	....	20	36	20	....	....	24	60	25
13	....	20	36	20	....	....	24	48	25
14	....	20	35	5	....	....	25	16	30
15	....	20	32	5	....	....	25	16	30
16	....	22	30	†0	....	....	30	20	42
17	....	22	28	0	....	....	48	25	42
18	....	25	26	0	....	....	48	90	48
19	....	28	24	0	....	....	53	113	50
20	....	30	22	0	....	....	37	60	30
21	....	37	21	0	....	....	37	65	55
22	....	40	21	0	....	....	37	72	65
23	....	40	21	0	....	....	36	†0	60
24	....	100	20	0	....	....	36	60	25
25	....	25	20	0	....	....	36	60	20
26	....	22	20	0	....	....	35	61	16
27	....	22	20	0	....	....	35	60	16
28	....	51	22	0	....	....	35	60	16
29	....	50	42	0	....	....	34	60	16
30	....	50	62	24	0	....	34	60	20
31	....	50	....	28	....	....	....	65	20
Mean	50	33	34	43	30	36	44	36	42
Max.	51	100	60	126	30	37	72	113	72
Min.	50	20	20	0	30	34	24	16	20
A. F.	399	1962	2095	1281	476	778	2713	2204	2523

Area reported 14000 acres.  
Water used 6213 A. F.  
Per acre 0.44 A. F.

Area reported 7165 acres.  
Water used 8218 A. F.  
Per acre 1.15 A. F.

\*No record. †Closed by water commissioner.

STATE OF NEBRASKA

Nine Mile Canal from North Platte River—Continued

Date	1922					
	May	June	July	Aug.	Sept.	Oct.
1	*	2	96	39	17	13
2	....	2	66	33	12	15
3	....	3	66	31	8	17
4	....	4	93	32	7	15
5	....	8	93	31	6	*
6	....	8	90	30	7	....
7	....	10	66	26	7	....
8	....	12	66	22	2	....
9	....	8	66	17	2	....
10	....	4	66	20	2	....
11	....	13	30	14	2	....
12	....	12	20	13	1	....
13	....	6	30	15	2	....
14	....	10	32	15	4	....
15	....	15	30	15	4	....
16	....	13	22	22	5	....
17	....	3	26	17	4	....
18	....	26	20	15	4	....
19	....	15	17	12	5	....
20	....	12	20	12	12	....
21	....	7	13	12	12	....
22	....	8	10	15	13	....
23	....	20	10	12	17	....
24	....	26	22	12	20	....
25	4	39	61	12	20	....
26	8	39	49	13	22	....
27	12	59	42	16	26	....
28	8	59	32	22	17	....
29	8	66	13	19	13	....
30	4	66	39	12	12	....
31	4	....	39	20	....	....
Mean	7	19	43	19	9	15
Max.	12	66	96	39	26	17
Min.	4	2	10	12	1	13
A. F.	95	1140	2668	1182	565	119

Area reported 6580 acres.  
 Water used 5769 A. F.  
 Per acre 0.88 A. F.

Date	1923					
	May	June	July	Aug.	Sept.	Oct.
1	*	5	18	20	37	30
2	....	13	18	20	37	28
3	....	17	18	25	37	28
4	....	19	13	25	37	*
5	....	20	20	20	37	....
6	....	22	20	20	40	....
7	....	25	22	16	37	....
8	....	27	27	16	40	....
9	....	56	28	16	42	....
10	....	65	30	15	42	....
11	....	27	50	15	42	....
12	....	16	43	15	42	....
13	....	16	53	15	42	....
14	....	16	45	15	25	....
15	....	16	63	15	45	....
16	....	9	70	7	72	....
17	....	9	60	20	70	....
18	....	16	50	17	59	....
19	....	20	40	25	50	....
20	....	20	33	25	53	....
21	....	20	43	25	55	....
22	....	20	50	25	35	....
23	....	20	65	25	35	....
24	....	28	65	25	32	....
25	....	25	92	25	32	....
26	0	28	60	25	32	....
27	7	22	22	20	37	....
28	7	20	25	20	43	....
29	7	18	30	20	40	....
30	7	18	25	20	35	....
31	7	....	25	40	....	....
Mean	6	22	39	20	42	29
Max.	7	65	92	40	72	30
Min.	0	5	13	7	32	28
A. F.	69	1295	2426	1254	2503	171

Area reported 6585 acres.  
 Water used 7718 A. F.  
 Per acre 1.17 A. F.  
 \*No record.

Date	1924					
	May	June	July	Aug.	Sept.	Oct.
1	*	30	72	72	50	....
2	....	30	72	72	50	....
3	....	30	72	72	50	....
4	....	30	72	72	50	....
5	....	30	72	72	50	....
6	....	48	72	72	50	....
7	....	48	72	72	50	....
8	....	48	72	72	50	....
9	....	48	72	72	50	....
10	....	48	72	72	50	....
11	....	48	72	72	30	....
12	....	48	72	72	30	....
13	....	48	72	72	30	....
14	....	48	72	72	30	....
15	....	48	72	72	30	....
16	....	48	72	72	24	....
17	....	48	72	72	24	....
18	....	48	72	60	24	....
19	....	48	72	60	24	....
20	....	48	72	60	24	....
21	....	48	72	60	24	....
22	....	48	72	60	24	....
23	0	48	72	60	24	....
24	30	48	72	60	24	....
25	30	48	72	60	24	....
26	40	60	72	53	24	....
27	40	60	72	53	24	....
28	40	60	72	53	24	....
29	40	60	72	53	24	....
30	40	60	72	53	24	....
31	40	....	72	53	....	....
Mean	33	47	72	65	34	....
Max.	40	60	72	72	50	....
Min.	0	30	72	53	24	....
A. F.	595	2797	4427	4011	2003	....

Area reported 6585 acres.  
 Water used 13833 A. F.  
 Per acre 2.10 A. F.

# HYDROGRAPHIC REPORT—1928

1185

## Nine Mile Canal from North Platte River—Continued

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	15	67	20	17	0	35	60	58	30
2	0	10	52	15	6	0	35	50	50	28
3	0	10	60	15	10	0	35	54	47	30
4	0	15	60	15	0	0	35	40	44	30
5	0	20	67	15	0	0	35	40	36	27
6	0	45	63	20	10	0	35	44	42	24
7	0	77	60	15	17	0	35	35	42	24
8	0	77	63	10	22	0	35	50	38	24
9	2	50	52	10	29	0	35	60	50	15
10	15	15	59	15	24	0	35	54	58	15
11	24	10	63	20	24	0	40	50	64	15
12	29	6	63	29	24	0	40	65	75	15
13	10	0	42	10	29	0	40	79	105	20
14	15	0	39	15	10	0	40	75	105	24
15	45	6	39	10	0	0	40	75	86	24
16	24	33	33	2	0	8	15	40	75	24
17	6	63	33	2	0	8	15	50	70	27
18	55	39	39	2	0	8	15	50	75	24
19	24	15	24	6	6	10	15	50	75	20
20	15	2	...	7	10	12	15	44	75	18
21	10	1	29	6	6	21	13	40	30	18
22	6	1	36	0	6	23	20	40	30	16
23	4	6	26	0	6	15	40	50	30	15
24	2	10	24	0	12	29	60	54	30	15
25	2	12	31	0	10	32	80	54	28	18
26	2	22	26	0	10	25	75	60	30	18
27	2	39	24	0	10	62	65	65	38	18
28	2	50	33	0	10	70	65	65	38	18
29	6	60	33	0	6	70	54	70	36	20
30	15	67	33	0	0	70	54	70	33	18
31	20	...	24	3	...	70	...	70	30	...
Mean	11	26	43	8	10	17	38	55	52	21
Max.	55	77	67	29	29	70	80	79	105	30
Min.	0	0	24	0	0	0	13	35	28	15
A. F.	664	1539	2638	526	623	1057	2283	3378	3219	1254

Area reported 6269 acres.

Water used 5984 A. F.

Per acre 0.95 A. F.

Area reported 6269 acres.

Water used 11191 A. F.

Per acre 1.79 A. F.

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	3	6	75	45	42	34
2	3	8	63	34	40	24
3	3	17	57	25	39	20
4	3	12	45	21	45	13
5	3	7	34	21	42	15
6	17	7	40	21	42	15
7	17	8	45	21	39	15
8	17	9	57	20	30	15
9	17	9	57	15	32	0
10	17	9	50	21	34	*
11	17	13	45	25	39	...
12	17	13	45	34	42	...
13	17	18	45	63	45	...
14	18	15	45	66	50	...
15	23	15	45	72	48	...
16	25	9	39	69	48	...
17	27	13	42	57	50	...
18	21	18	42	72	50	...
19	18	23	45	48	50	...
20	20	18	45	48	42	...
21	17	20	45	39	39	...
22	15	25	45	45	34	...
23	15	34	69	39	34	...
24	3	31	75	34	39	...
25	6	39	78	36	42	...
26	15	48	75	34	32	...
27	15	75	57	39	32	...
28	11	108	50	42	30	...
29	8	117	50	39	27	...
30	6	99	50	30	21	...
31	6	...	57	34	...	...
Mean	14	28	52	39	39	17
Max.	27	117	78	72	50	34
Min.	3	6	34	15	21	0
A. F.	833	1672	3197	2398	2339	300

\*No record.

Area reported 6200 acres.

Water used 10739 A. F.

Per acre 1.73 A. F.



## STATE OF NEBRASKA

## Nine Mile Canal from North Platte River—Continued

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	11	32	19	36	54	11
2	11	32	19	38	50	11
3	11	36	26	38	40	11
4	11	38	21	40	40	23
5	11	34	18	42	34	8
6	7	23	13	36	23	*
7	7	34	11	36	23	....
8	8	50	12	34	19	....
9	13	28	11	34	19	....
10	15	30	21	36	19	....
11	13	28	26	32	19	....
12	11	25	19	38	17	....
13	15	23	23	26	13	—
14	12	23	36	30	11	....
15	13	25	38	34	17	....
16	13	23	50	48	17	—
17	17	23	54	48	23	....
18	13	21	56	48	23	....
19	12	19	66	45	23	....
20	10	19	66	38	23	....
21	11	23	59	38	26	....
22	15	21	54	50	23	....
23	26	19	45	62	26	....
24	26	19	34	62	26	....
25	11	19	30	57	36	....
26	17	19	6	60	38	....
27	19	26	17	57	48	....
28	21	23	40	57	50	—
29	50	28	30	56	30	....
30	45	28	26	54	13	....
31	34	—	30	54	—	....
Mean	16	26	31	44	27	13
Max.	50	50	66	62	54	23
Min.	7	19	6	26	11	8
A. F.	1010	1565	1936	2705	1632	127

Area reported 7000 acres.  
Water used 8975 A. F.  
Per acre 1.28 A. F.

## DISCHARGE IN SECOND-FEET OF NORTH PLATTE CANAL

Diverted from North Platte River. Docket 635—Date of Priority May 31, 1894

Date	1919					1920				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	120	120	141	160	*	74	154	194	130
2	....	120	124	155	160	....	74	154	194	138
3	....	120	128	162	142	....	74	154	194	121
4	....	120	132	142	142	....	71	154	194	121
5	32	120	136	142	134	....	78	154	202	121
6	32	112	140	155	134	....	66	154	210	120
7	32	136	142	148	134	....	66	154	210	119
8	32	151	144	155	134	....	66	154	178	118
9	32	151	146	148	134	....	66	146	178	117
10	32	144	148	142	142	....	66	146	178	116
11	33	144	148	120	142	....	66	154	186	115
12	34	144	148	128	142	....	66	164	186	114
13	35	144	148	114	142	....	66	154	186	114
14	36	144	121	100	134	....	90	146	194	114
15	36	144	114	66	134	....	90	146	146	114
16	36	136	114	66	134	....	106	154	146	114
17	41	144	72	134	134	....	114	154	130	121
18	46	144	66	120	142	....	114	154	138	121
19	51	136	53	142	142	....	114	154	138	137
20	56	120	46	150	136	....	121	154	130	153
21	61	105	46	155	*	....	121	154	138	170
22	66	112	40	182	....	....	130	154	138	163
23	71	112	40	190	....	....	138	154	138	160
24	76	105	32	176	....	....	146	154	138	157
25	81	105	32	176	....	....	50	130	186	130
26	86	105	32	168	....	....	50	130	194	151
27	91	120	32	162	....	....	58	146	194	128
28	97	120	40	148	....	....	58	146	194	145
29	104	120	32	155	....	....	58	146	194	138
30	110	120	128	155	....	....	66	154	194	130
31	116	....	128	142	....	....	66	....	194	130
Mean	58	127	96	143	140	58	101	162	161	132
Max.	116	151	148	190	160	66	154	194	210	170
Min.	32	105	32	66	134	50	66	146	130	114
A. F.	3084	7573	5895	8805	5550	805	6020	9945	9914	7868

Area reported 12670 acres.  
Water used 34552 A. F.  
Per acre 2.73 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

1187

## North River Canal from North Platte River—Continued

Date	1921				1922				
	May	June	July	Aug.	May	June	July	Aug.	Sept.
1	110	162	196	209	113	70	130	140	159
2	110	162	188	188	113	61	120	130	165
3	120	162	162	188	113	61	108	120	175
4	120	154	162	170	113	60	110	110	180
5	102	128	170	170	112	60	115	100	184
6	102	128	170	162	111	60	116	90	0
7	94	138	170	162	110	59	117	85	100
8	86	128	154	154	109	59	118	80	140
9	110	128	146	146	108	59	119	100	140
10	110	128	162	146	107	58	120	130	126
11	102	128	170	146	106	57	120	160	158
12	110	154	170	138	105	57	110	180	158
13	110	154	170	138	104	56	105	180	158
14	102	154	188	137	103	55	100	178	158
15	120	154	188	128	103	54	95	174	140
16	120	162	180	120	103	53	90	170	140
17	120	162	180	110	102	52	85	168	158
18	120	170	170	92	102	51	80	164	126
19	128	170	170	92	100	50	75	160	126
20	128	170	170	110	100	70	70	159	144
21	128	170	170	110	95	80	65	158	140
22	137	188	170	120	95	110	61	157	135
23	138	188	180	128	90	120	80	156	130
24	138	170	180	128	90	140	90	155	125
25	138	170	188	128	85	160	110	154	120
26	154	162	188	137	85	184	120	153	119
27	154	128	188	137	80	170	130	152	120
28	154	50	209	137	80	160	140	151	135
29	154	220	209	137	75	150	159	150	155
30	162	280	209	137	75	140	159	150	170
31	162	....	209	137	70	....	150	155	....
Mean	124	157	179	140	99	86	109	144	139
Max.	162	280	209	209	113	184	159	180	184
Min.	86	50	146	92	70	50	61	80	0
A. F.	7623	9366	10981	8612	6063	5109	6678	8864	8299

Area reported 10634 acres.  
 Water used 36582 A. F.  
 Per acre 3.44 A. F.

Area reported 11599 acres.  
 Water used 35013 A. F.  
 Per acre 3.02 A. F.

Date	1923						
	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	75	0	50	90	50	96
2	....	75	0	125	90	50	95
3	....	75	0	150	90	50	100
4	....	75	0	100	90	50	100
5	....	75	0	100	90	50	100
6	....	75	0	75	68	51	50
7	....	75	0	160	68	51	50
8	....	75	0	140	68	51	50
9	....	75	0	100	68	51	50
10	....	75	0	50	68	51	50
11	68	75	0	26	40	66	30
12	68	75	0	26	20	66	30
13	68	75	0	26	10	66	30
14	68	75	0	26	4	66	30
15	68	75	0	26	0	66	30
16	68	75	0	26	0	66	20
17	68	75	0	26	0	66	20
18	68	75	0	26	0	66	20
19	68	75	0	26	0	66	20
20	68	75	0	26	0	66	*
21	68	75	0	100	10	66	....
22	68	75	0	100	14	66	....
23	68	75	0	100	20	66	....
24	68	75	0	100	25	66	....
25	68	75	0	100	30	66	....
26	68	0	60	160	40	93	....
27	68	0	60	160	49	93	....
28	68	0	60	160	50	93	....
29	68	0	60	91	50	93	....
30	68	0	60	91	50	93	....
31	....	0	....	91	50	....	....
Mean	68	60	10	83	40	65	51
Max.	68	75	60	160	90	93	100
Min.	68	0	0	26	0	50	20
A. F.	2698	3719	595	5084	2483	3888	1924

Area reported  
 12152 acres.  
 Water used  
 20391 A. F.  
 Per acre 1.68 A. F.  
 \*No record.

North Platte Canal from North Platte River—Continued

Date	1924					1925			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	33	100	135	68	*	214	170	36
2	....	36	100	112	54	....	228	180	80
3	....	31	100	81	61	....	236	180	162
4	....	31	100	47	92	....	206	180	170
5	....	31	100	50	85	....	206	170	170
6	....	5	127	68	69	....	200	162	206
7	....	5	147	92	77	....	225	152	170
8	....	5	167	95	127	222	236	144	144
9	....	5	177	92	99	214	228	144	144
10	....	5	157	92	92	222	214	157	162
11	....	5	188	131	167	214	189	157	152
12	....	5	177	122	147	198	189	147	134
13	....	0	31	107	136	198	76	144	162
14	....	0	47	122	*	206	76	157	152
15	....	0	68	122	....	198	162	144	124
16	....	0	41	112	....	198	152	147	114
17	....	0	47	112	....	175	147	152	114
18	....	0	20	112	....	175	147	144	86
19	....	0	7	112	....	175	147	166	86
20	....	25	80	112	....	175	144	144	76
21	....	65	85	100	....	175	162	124	76
22	....	77	76	100	....	175	152	134	86
23	....	73	92	100	....	175	157	120	86
24	....	95	88	100	....	162	157	36	95
25	....	109	88	100	....	114	162	85	86
26	....	95	85	85	....	189	152	108	77
27	....	95	146	85	....	266	162	120	76
28	....	95	146	85	....	266	152	120	76
29	....	107	95	146	85	....	241	162	76
30	....	50	95	136	85	....	189	170	72
31	....	36	....	157	85	....	....	170	72
Mean	....	62	57	104	88	....	197	174	136
Max.	....	107	109	188	135	....	266	236	180
Min.	....	36	0	7	47	....	114	76	36
A. F.	....	383	2214	6399	6026	....	8975	10671	8347

Area reported 12173 acres.  
 Water used 17549 A. F.  
 Per acre 1.44 A. F.

Area reported 12243 acres.  
 Water used 34844 A. F.  
 Per acre 2.85 A. F.

Date	1926					1927					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	188	266	80	366	176	0	108	325	230	173	0
2	182	266	84	364	176	0	108	325	190	173	0
3	176	266	88	366	176	0	108	325	152	173	0
4	170	266	84	377	176	0	108	325	148	173	0
5	164	266	80	377	176	0	108	325	152	173	0
6	158	172	126	377	176	0	108	400	152	173	0
7	152	172	204	366	176	0	108	400	155	173	0
8	146	172	194	364	176	0	108	400	95	173	0
9	140	172	176	304	176	0	108	400	20	173	0
10	134	168	176	310	176	0	108	410	30	173	0
11	128	172	150	296	150	0	108	305	30	173	0
12	122	156	100	246	150	0	108	305	45	173	0
13	116	156	120	266	150	0	108	300	55	173	0
14	108	140	90	188	150	0	108	325	50	173	0
15	94	148	116	126	150	0	108	325	45	173	0
16	88	164	168	126	150	68	108	310	75	100	43
17	80	136	176	126	150	68	108	305	110	100	43
18	80	148	152	120	150	68	108	255	110	100	43
19	110	136	184	126	150	68	108	255	115	100	43
20	148	94	228	168	150	68	108	245	105	100	43
21	144	94	228	180	90	68	326	255	90	100	43
22	116	90	228	194	90	68	326	275	90	100	43
23	180	80	246	194	90	68	326	275	90	100	43
24	210	80	260	204	90	68	326	295	80	100	43
25	246	80	260	176	90	68	326	190	80	100	43
26	290	84	260	176	90	68	326	185	80	50	43
27	296	84	260	176	90	68	326	235	80	50	43
28	228	84	252	176	90	68	326	240	80	50	43
29	228	84	252	176	90	68	326	215	80	50	43
30	228	84	252	176	90	68	326	310	80	50	43
31	280	....	296	176	....	68	....	245	80	....	43
Mean	165	149	180	228	139	35	181	245	96	128	22
Max.	280	266	296	377	176	68	326	410	230	173	43
Min.	80	80	80	120	90	0	108	185	20	50	0
A. F.	10175	8886	11048	14605	8251	2158	10751	18139	5899	7627	1365

Area reported 12244 acres.  
 Water used 52965 A. F.  
 Per acre 4.33 A. F.

Area reported 13171 acres.  
 Water used 45929 A. F.  
 Per acre 3.49 A. F.

\*No record.

North Platte Canal from North Platte River—Continued

Date	1928				
	May	June	July	Aug.	Sept.
1	241	177	243	175	202
2	241	177	243	175	208
3	241	177	243	175	212
4	241	177	243	175	244
5	241	177	243	175	260
6	241	177	243	175	226
7	241	177	243	175	232
8	241	177	243	175	238
9	241	177	243	175	156
10	241	177	243	175	160
11	241	177	243	175	160
12	241	177	243	190	160
13	241	177	243	198	160
14	241	177	243	244	160
15	241	177	243	318	160
16	241	211	243	318	205
17	241	211	243	318	205
18	241	211	245	284	205
19	241	211	243	284	205
20	241	211	243	290	205
21	241	211	182	330	205
22	241	211	182	330	205
23	241	211	182	266	205
24	241	211	182	212	205
25	241	211	182	212	205
26	241	211	182	217	205
27	241	211	182	226	205
28	241	211	182	222	205
29	241	211	182	222	205
30	241	211	182	208	205
31	241	.....	182	208	.....
Mean	241	194	221	227	200
Max.	241	211	243	330	260
Min.	241	177	182	175	160
A. F.	14819	11544	13611	13928	11927

Area reported 13995 acres.  
 Water used 65829 A. F.  
 Per acre 4.70 A. F.

DISCHARGE IN SECOND-FEET OF NORTHPORT (TRI-STATE) CANAL

Diverted from North Platte River. Application 768—Date of Priority September 19, 1904

Date	1920					1922					
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.	
1	*	14	2	12	*	41	89	48	13	92	
2	.....	17	0	3	.....	42	199	48	84	78	
3	.....	22	0	30	.....	59	154	47	98	70	
4	.....	25	0	11	.....	50	156	78	32	70	
5	.....	24	0	11	.....	50	152	78	72	78	
6	.....	27	0	11	.....	48	130	79	96	84	
7	.....	29	0	12	.....	47	154	96	84	42	
8	.....	29	0	12	.....	47	143	99	58	14	
9	.....	29	2	13	.....	61	154	69	71	0	
10	.....	29	0	13	.....	78	156	71	71	*	
11	.....	24	0	13	.....	78	168	92	75	.....	
12	.....	19	0	15	.....	80	167	101	75	.....	
13	.....	14	0	15	.....	77	159	120	70	.....	
14	.....	7	0	15	.....	76	159	120	70	.....	
15	.....	7	0	8	.....	64	167	120	76	.....	
16	.....	8	6	13	.....	63	167	100	76	.....	
17	.....	16	10	11	.....	63	168	86	71	.....	
18	.....	18	2	12	.....	110	167	84	66	.....	
19	.....	21	2	11	.....	46	111	168	80	78	
20	.....	13	10	6	.....	46	130	169	87	92	
21	.....	21	5	13	.....	39	135	169	92	54	
22	.....	17	3	16	.....	39	134	153	93	72	
23	.....	21	13	20	.....	29	0	112	92	78	
24	.....	23	13	23	.....	31	5	90	76	84	
25	.....	21	16	23	.....	31	3	110	78	76	
26	8	21	19	13	.....	30	3	0	84	92	
27	8	3	22	13	.....	26	10	0	65	84	
28	8	3	25	13	.....	28	4	0	63	93	
29	8	3	6	13	.....	28	42	0	76	93	
30	8	3	25	13	.....	42	84	46	71	96	
31	.....	3	25	.....	.....	41	.....	48	41	.....	
Mean	8	17	7	14	.....	35	60	125	82	77	
Max.	8	29	25	30	.....	46	135	199	120	98	
Min.	8	3	0	3	.....	26	0	0	41	13	
A. F.	79	1053	409	807	.....	904	3560	7684	5026	4582	

Area reported 1600 acres.  
 Water used North Branch 2348 A. F.  
 South Branch 160 A. F.  
 Per acre 1.57 A. F.

Area reported 4676 acres.  
 Water used †22803 A. F.

\*No record. †A portion of this water was used to prime new canal and also on lands not listed in acreage report.

## Northport (Tri-State) Canal from North Platte River—Continued

Date	1923				
	May	June	July	Aug.	Sept.
1	0	42	215	140	125
2	0	50	215	140	140
3	0	75	210	140	150
4	0	80	215	135	150
5	0	80	210	140	155
6	0	80	210	140	165
7	0	89	205	135	170
8	0	90	205	146	165
9	0	85	205	140	160
10	0	84	200	150	165
11	0	80	215	150	165
12	0	85	220	160	162
13	0	64	230	160	160
14	44	60	200	160	155
15	16	55	180	160	174
16	32	58	5	140	180
17	78	60	0	160	180
18	96	75	0	155	180
19	50	80	0	160	170
20	52	92	30	155	155
21	50	114	70	150	150
22	58	134	110	155	120
23	48	150	130	160	94
24	39	150	125	130	94
25	45	160	130	130	110
26	42	180	140	130	110
27	36	220	140	146	114
28	42	210	140	150	70
29	40	200	140	150	0
30	45	230	140	140	0
31	45	....	140	125	....
Mean	28	107	148	146	136
Max.	96	230	230	160	180
Min.	0	42	0	125	0
A. F.	1702	6353	9075	8989	8109

Area reported 16334 acres.  
Water used 34228 A. F.  
Per acre 2.10 A. F.

Date	1924					
	May	June	July	Aug.	Sept.	Oct.
1	*	142	108	215	264	68
2	....	140	21	219	247	*
3	....	122	183	226	253	....
4	....	100	220	238	261	....
5	....	93	220	247	261	....
6	....	95	211	253	239	....
7	....	95	218	258	247	....
8	....	83	230	265	268	....
9	....	61	230	257	274	....
10	....	59	252	258	262	....
11	....	58	255	258	272	....
12	....	59	255	257	264	....
13	....	59	242	256	244	....
14	....	62	242	254	216	....
15	....	59	251	248	217	....
16	14	74	251	238	204	....
17	94	74	253	227	183	....
18	80	72	254	225	174	....
19	78	117	251	218	170	....
20	95	170	243	218	167	....
21	87	140	245	207	156	....
22	89	204	250	196	152	....
23	95	216	252	208	140	....
24	122	215	256	218	125	....
25	140	212	257	208	125	....
26	139	236	257	217	112	....
27	146	257	259	219	104	....
28	140	257	243	228	100	....
29	137	258	224	217	100	....
30	145	254	202	236	94	....
31	146	....	214	259	....	....
Mean	109	135	227	234	197	68
Max.	146	258	259	265	274	68
Min.	14	58	21	196	94	68
A. F.	3465	8019	13982	14376	11693	135

Area reported 15904 acres.  
Water used 51670 A. F.  
Per acre 3.25 A. F.

\*No record.

Northport (Tri-State) Canal from North Platte River—Continued

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	78	203	208	104	0	230	0	230	175
2	....	124	208	207	108	0	230	30	224	185
3	....	109	220	209	119	0	234	120	220	215
4	....	83	240	211	130	0	230	150	204	225
5	....	89	238	208	136	0	220	136	194	225
6	....	182	238	199	131	0	196	150	214	200
7	....	197	226	165	144	0	204	176	240	200
8	....	75	204	167	142	12	200	170	234	200
9	18	5	198	178	140	26	196	180	224	200
10	64	147	198	169	137	24	200	196	210	195
11	75	204	198	150	140	42	210	204	230	175
12	81	198	215	135	138	42	210	204	240	170
13	91	194	227	135	134	38	220	204	214	170
14	86	180	228	136	135	42	215	204	240	170
15	73	183	220	116	127	42	191	204	248	174
16	75	185	185	105	131	47	0	204	240	170
17	103	178	198	112	130	47	0	196	220	170
18	93	184	230	104	115	42	0	204	214	170
19	75	189	231	105	109	42	0	204	230	170
20	103	201	248	106	112	47	0	196	224	170
21	103	204	262	106	109	47	0	196	220	170
22	107	201	252	113	107	47	0	204	224	165
23	105	185	245	142	109	52	0	220	224	170
24	122	219	241	143	109	52	0	230	230	157
25	100	219	239	140	107	62	0	230	220	160
26	35	223	220	137	106	96	0	230	214	110
27	0	218	222	129	105	146	0	224	220	105
28	0	227	202	117	104	176	0	224	214	0
29	0	228	228	106	100	176	0	220	204	50
30	5	215	205	108	96	191	0	220	194	150
31	65	....	207	106	....	215	....	224	165	....
Mean	69	171	222	144	120	57	106	186	220	166
Max.	122	228	262	211	144	215	234	230	248	225
Min.	0	5	185	104	96	0	0	0	165	0
A. F.	3132	10163	18630	8870	7168	3477	6319	11413	13533	9850

Area reported 15705 acres.

Water used 37199 A. F.

Per acre 2.37 A. F. at rating flume.

Per acre 3.91 A. F. at Tri-State headgate.

Wasted:—Indian Creek 3533 A. F.

Dugout Creek 1276 A. F.

Silvernail Drain 964 A. F.

Total wasted 5773 A. F.

Area reported 16253 acres.

Water used 44592 A. F.

Per acre 2.74 A. F. at rating flume.

Per acre 3.86 A. F. at Tri-State headgate.

Date	1927					Oct.
	May	June	July	Aug.	Sept.	
1	0	117	132	263	155	99
2	0	137	154	241	154	70
3	0	133	188	226	139	34
4	0	138	186	203	126	10
5	0	136	190	195	163	0
6	0	133	202	173	160	0
7	0	133	184	158	140	0
8	0	127	176	146	134	0
9	0	125	234	154	170	0
10	0	114	234	136	208	0
11	0	108	201	123	215	0
12	0	107	221	126	202	0
13	0	130	220	130	174	0
14	0	136	221	150	167	0
15	0	121	220	165	164	0
16	0	109	230	147	169	0
17	0	114	246	155	187	0
18	0	120	225	163	184	0
19	34	120	212	157	189	0
20	85	120	212	154	188	0
21	59	115	202	147	189	0
22	60	115	201	159	133	0
23	64	122	207	157	69	0
24	62	104	222	169	56	0
25	64	101	221	153	73	0
26	83	130	207	142	110	0
27	97	122	196	166	116	0
28	97	142	187	152	111	0
29	98	160	218	163	108	0
30	95	130	245	163	100	0
31	115	....	253	150	....	0
Mean	32	124	208	164	148	7
Max.	115	169	253	263	215	99
Min.	0	101	132	123	56	0
A. F.	1970	7394	12788	10076	8833	422

Area reported 9481 acres.

Water used 41483 A. F.

Per acre 4.38 A. F.

\*No record.

## STATE OF NEBRASKA

## Northport (Tri-State) Canal from North Platte River—Continued

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	83	184	41	127	160	243
2	102	197	34	128	0	194
3	110	183	37	126	0	130
4	102	157	0	138	164	160
5	109	154	0	147	243	225
6	112	160	0	143	210	205
7	116	158	0	138	246	210
8	110	162	42	144	274	200
9	112	157	72	173	255	186
10	121	158	56	114	255	90
11	134	157	63	0	244	*
12	145	155	109	0	235	....
13	158	139	142	78	242	....
14	154	157	142	176	248	....
15	148	130	155	184	252	....
16	146	125	174	210	243	....
17	107	123	173	209	256	....
18	108	127	173	173	241	....
19	103	129	177	187	229	....
20	111	118	192	204	248	....
21	105	121	146	205	241	....
22	102	130	154	193	239	....
23	119	128	133	215	260	....
24	122	130	138	200	235	....
25	125	131	135	198	221	....
26	123	129	130	227	244	....
27	124	102	123	227	235	....
28	141	88	127	207	240	....
29	160	78	71	226	244	....
30	161	9	0	243	228	....
31	170	....	32	256	....	....
Mean	124	136	96	168	221	184
Max.	170	197	192	256	274	243
Min.	83	9	0	0	0	90
A. F.	7623	8085	5903	10306	13155	3656

Area reported 11241 acres.  
Water used 48728 A. F.  
Per acre 4.33 A. F.

## DISCHARGE IN SECOND-FEET OF NORTH RIVER CANAL

Diverted from North Platte River. Docket 787—Date of Priority March 27, 1894.  
Application 243—Date of Priority February 24, 1896

Date	1922				1923				
	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	*	34	39	47	*	0	0	0	12
2	....	34	22	47	....	0	0	0	12
3	....	34	12	47	....	0	0	0	12
4	....	22	12	34	....	0	0	0	12
5	....	22	4	47	....	0	0	0	12
6	....	47	0	34	....	0	32	0	12
7	....	47	0	41	....	0	32	0	12
8	....	22	0	34	....	0	32	0	12
9	....	12	0	34	....	0	32	0	12
10	....	63	0	47	....	0	32	0	12
11	....	79	0	47	....	0	32	0	6
12	....	4	0	47	....	0	32	0	6
13	....	55	12	0	....	0	32	0	6
14	....	47	12	0	....	0	32	0	6
15	....	40	4	0	....	0	32	0	6
16	....	40	4	0	....	28	0	0	6
17	....	40	34	0	....	28	0	0	6
18	....	38	34	0	....	28	0	0	6
19	....	38	34	83	....	28	0	0	6
20	....	38	34	100	....	28	0	0	6
21	....	38	34	100	....	14	0	0	0
22	....	34	34	87	....	14	0	0	0
23	....	34	34	87	....	14	0	0	0
24	....	34	34	34	....	14	0	0	0
25	....	34	34	34	....	14	0	0	0
26	....	34	34	34	....	0	0	0	0
27	....	34	47	34	....	0	0	0	0
28	....	34	22	34	....	0	0	0	0
29	....	34	34	34	....	0	0	0	0
30	....	34	34	0	....	0	0	0	0
31	....	34	34	....	....	0	0	0	....
Mean	....	38	31	25	....	13	0	10	6
Max.	....	55	79	100	....	28	0	32	12
Min.	....	34	4	0	....	0	0	0	0
A. F.	....	1416	1910	1488	....	417	0	635	357

Area reported 5194 acres.  
Water used 6002 A. F.  
Per acre 1.16 A. F.

Area reported 5601 acres.  
Water used 1409 A. F.  
Per acre 0.25 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

1193

## North River Canal from North Platte River—Continued

Date	1924			1925				
	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	12	34	23	12	34	0	12
2	0	12	34	23	12	34	0	12
3	0	12	34	23	12	40	0	12
4	0	12	34	23	12	40	0	12
5	0	12	34	23	12	40	0	12
6	0	12	34	19	12	50	0	12
7	0	12	34	19	12	50	0	12
8	0	12	34	20	12	62	0	12
9	0	12	34	25	12	62	0	12
10	0	12	34	25	12	62	0	12
11	0	4	34	25	10	75	0	0
12	0	4	34	25	10	80	0	*
13	0	4	34	25	10	80	0	.....
14	0	4	34	25	10	70	0	.....
15	0	4	34	25	10	0	0	.....
16	0	4	20	15	10	25	0	.....
17	0	4	20	15	10	25	0	.....
18	0	4	20	10	10	70	0	.....
19	0	4	20	10	10	0	0	.....
20	0	4	20	0	10	0	0	.....
21	60	48	20	0	22	0	0	.....
22	60	48	20	0	22	0	0	.....
23	60	48	20	0	22	0	0	.....
24	60	48	20	0	22	54	0	.....
25	60	48	20	0	22	54	0	.....
26	60	48	10	0	22	25	0	.....
27	60	48	10	0	22	15	0	.....
28	60	48	10	0	22	5	0	.....
29	60	48	10	0	22	0	0	.....
30	60	48	10	0	22	0	0	.....
31	60	48	.....	0	.....	0	0	.....
Mean	21	22	25	13	15	29	0	11
Max.	60	48	34	25	22	80	0	12
Min.	0	4	10	0	10	0	0	0
A. F.	1309	1365	1507	789	873	1809	0	238

Area reported 4392 acres.  
Water used 4181 A. F.  
Per acre 0.95 A. F.

Area reported 4300 acres.  
Water used 3709 A. F.  
Per acre 0.86 A. F.

Date	1926					1927		
	May	June	July	Aug.	Sept.	June	July	Aug.
1	28	0	70	28	63	20	50	79
2	28	0	34	22	63	20	50	48
3	28	0	22	28	63	20	50	0
4	28	0	41	41	63	20	50	0
5	28	0	55	43	63	20	50	0
6	28	0	55	43	63	22	50	17
7	28	0	62	34	63	22	50	28
8	28	0	48	39	63	21	50	48
9	28	0	55	64	63	22	50	62
10	28	0	41	73	63	22	50	34
11	28	0	62	73	40	20	50	22
12	28	0	48	81	40	20	50	22
13	28	0	8	87	40	22	50	22
14	28	0	17	48	40	22	50	22
15	28	0	62	48	40	22	50	22
16	28	0	62	125	40	48	50	30
17	28	0	62	125	40	22	50	30
18	28	0	70	125	40	12	50	30
19	28	0	70	155	40	22	50	30
20	28	0	87	135	40	34	50	30
21	28	70	70	135	30	63	70	30
22	28	70	63	115	30	48	70	30
23	28	70	47	115	30	48	70	30
24	28	70	41	135	30	48	70	30
25	28	70	79	145	30	48	70	30
26	28	70	79	155	30	48	79	40
27	28	70	62	87	30	63	79	40
28	28	70	62	94	30	70	79	40
29	28	70	55	87	30	79	79	40
30	28	70	55	87	30	63	79	40
31	28	.....	70	87	.....	.....	79	40
Mean	28	23	55	86	44	34	59	31
Max.	28	70	87	155	63	79	79	79
Min.	28	0	8	22	30	12	50	0
A. F.	1722	1388	3400	5274	2638	2045	3618	1916

Area reported 4745 acres.  
Water used 14422 A. F.  
Per acre 3.04 A. F.

Area reported \*.  
Water used 7579 A. F.  
Per acre \*.

\*No record. †Closed by water commissioner.



## STATE OF NEBRASKA

## North River Canal from North Platte River—Continued

Date	1928		Area reported 6744 acres. Water used 5126 A. F. Per acre 0.76 A. F.
	Aug.	Sept.	
1	12	62	
2	23	69	
3	23	72	
4	28	84	
5	29	92	
6	29	100	
7	17	93	
8	62	85	
9	62	78	
10	62	71	
11	61	64	
12	61	57	
13	70	50	
14	69	43	
15	22	35	
16	22	28	
17	40	21	
18	55	14	
19	48	7	
20	55	0	
21	55	*	
22	55	—	
23	55	—	
24	55	—	
25	55	—	
26	55	—	
27	55	—	
28	55	—	
29	55	—	
30	55	—	
31	47	56	
Mean	70	100	
Max.	12	0	
Min.	2895	2231	

North River Canal from North Platte River—Continued  
SW¼ Sec. 4, Twp. 17, Rge 45 W. at Hays' Weir

Date	1927				Area reported 4745 acres. Water used 11891 A. F. Per acre 2.51 A. F.
	June	July	Aug.	Sept.	
1	0	93	59	52	
2	0	93	59	84	
3	0	65	59	79	
4	0	79	59	52	
5	0	93	59	65	
6	59	79	59	52	
7	59	59	45	47	
8	59	72	21	52	
9	61	65	23	74	
10	53	53	34	78	
11	30	47	37	50	
12	41	36	40	33	
13	47	36	30	49	
14	53	36	12	47	
15	66	36	25	47	
16	47	36	25	47	
17	47	36	78	47	
18	47	36	31	47	
19	41	36	37	47	
20	50	36	25	47	
21	72	36	29	47	
22	79	36	36	47	
23	86	36	41	47	
24	65	36	36	47	
25	79	36	42	47	
26	79	36	48	47	
27	79	36	58	47	
28	93	36	58	47	
29	93	36	58	47	
30	93	36	58	47	
31	—	36	52	—	
Mean	53	49	43	52	
Max.	93	93	78	84	
Min.	0	36	12	33	
A. F.	3130	3011	2644	3106	

\*No record.

DISCHARGE IN SECOND-FEET OF ORCHARD-ALFALFA CANAL

Diverted from Platte River. Docket 627—Date of Priority January 23, 1805

Date	1919				1920		
	July	Aug.	Sept.	Oct.	June	July	Aug.
1	*	0	0	59	*	0	40
2	.....	0	0	64	.....	0	40
3	.....	5	0	61	.....	0	53
4	.....	18	0	61	.....	0	60
5	.....	50	0	67	.....	0	60
6	.....	64	0	67	.....	0	60
7	.....	64	0	63	.....	0	68
8	.....	59	0	64	.....	30	68
9	.....	0	0	59	.....	25	40
10	.....	0	0	56	.....	25	46
11	.....	59	9	56	.....	12	30
12	.....	61	15	61	.....	9	15
13	.....	59	56	40	.....	9	15
14	.....	18	56	40	.....	7	40
15	.....	18	50	23	.....	0	40
16	.....	56	40	23	.....	15	35
17	.....	18	34	42	.....	30	15
18	.....	26	9	42	.....	40	46
19	.....	53	7	48	.....	30	53
20	.....	53	0	48	.....	30	53
21	.....	0	0	48	.....	35	84
22	.....	0	0	48	.....	30	53
23	.....	0	0	48	.....	30	40
24	.....	0	0	70	.....	35	35
25	.....	0	0	70	.....	40	40
26	.....	0	50	67	.....	40	46
27	.....	0	64	64	.....	22	53
28	.....	0	0	64	.....	25	35
29	.....	0	0	61	.....	22	30
30	.....	0	0	61	.....	0	40
31	.....	0	0	.....	.....	40	.....
Mean	9	22	34	46	28	26	41
Max.	53	64	72	67	40	84	68
Min.	0	0	0	0	0	0	0
A. F.	262	1347	2041	2618	841	1577	1623

Area reported 2405 acres.

Water used 6268 A. F.

Per acre 2.61 A. F.

Area reported 2380 acres.

Water used 4041 A. F.

Per acre 1.70 A. F.

Date	1921		1922					
	July	Aug.	May	June	July	Aug.	Sept.	Oct.
1	*	29	*	22	29	36	7	48
2	.....	27	.....	23	25	36	5	48
3	.....	25	.....	24	22	35	3	47
4	.....	22	.....	24	18	35	0	45
5	.....	20	.....	25	15	35	0	45
6	.....	18	.....	24	11	34	0	45
7	.....	*	.....	23	9	34	0	45
8	.....	.....	.....	22	7	34	0	45
9	.....	.....	.....	21	9	33	0	45
10	.....	.....	.....	21	11	33	0	45
11	.....	.....	.....	20	13	31	5	45
12	.....	8	.....	20	15	30	10	45
13	.....	9	.....	19	17	29	15	45
14	.....	10	.....	18	19	28	20	45
15	.....	11	.....	17	21	26	25	45
16	.....	12	.....	17	23	25	30	45
17	.....	13	.....	16	25	24	35	0
18	.....	15	.....	15	27	23	45	*
19	.....	16	.....	12	14	29	22	60
20	.....	17	.....	13	13	31	21	59
21	.....	18	.....	13	20	33	20	59
22	.....	20	.....	14	30	35	19	59
23	.....	21	.....	15	35	37	18	58
24	.....	22	.....	16	48	39	17	58
25	.....	23	.....	17	45	41	16	57
26	.....	24	.....	18	43	41	15	57
27	.....	24	.....	19	40	40	14	57
28	.....	27	.....	20	38	39	12	50
29	.....	28	.....	20	34	38	10	50
30	.....	29	.....	21	30	38	9	50
31	.....	30	.....	21	.....	37	8	.....
Mean	19	24	17	25	26	25	29	43
Max.	30	29	21	48	41	36	60	48
Min.	8	18	12	13	7	8	0	0
A. F.	748	280	434	1509	1575	1511	1734	1444

Area reported 2365 acres.

Water used 1028 A. F.

Per acre 0.43 A. F.

\*No record.

Area reported 2100 acres.

Water used 8207 A. F.

Per acre 3.91 A. F.

STATE OF NEBRASKA

Orchard-Alfalfa Canal from Platte River—Continued

Date	1923				1924					
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	*	12	23	9	*	49	9	38	96	
2	....	13	26	12	....	47	17	58	58	
3	....	26	31	11	....	35	23	56	54	
4	....	24	30	10	....	35	18	52	54	
5	....	18	28	12	....	43	15	52	50	
6	....	11	29	12	....	56	18	60	45	
7	....	18	16	9	....	56	27	60	35	
8	....	15	3	14	....	49	27	60	33	
9	....	19	10	14	....	55	27	60	24	
10	....	23	8	11	....	38	27	60	27	
11	....	22	12	13	....	38	40	72	38	
12	....	22	7	11	....	36	40	72	32	
13	....	30	4	12	....	33	40	58	33	
14	....	30	3	10	....	32	40	81	19	
15	....	39	3	9	....	29	40	77	3	
16	....	36	8	13	....	19	40	72	*	
17	....	43	8	14	....	29	40	90	....	
18	....	46	8	11	....	22	40	101	....	
19	....	45	6	11	....	29	40	101	....	
20	....	45	8	9	....	36	40	94	....	
21	....	43	8	5	....	30	54	94	....	
22	....	37	8	6	....	6	54	105	....	
23	....	40	8	7	....	9	54	105	....	
24	....	42	8	7	....	17	54	94	....	
25	18	43	7	11	....	14	40	96	....	
26	19	46	7	9	....	43	12	40	91	....
27	23	43	7	6	....	43	13	37	91	....
28	23	45	8	6	....	41	22	50	91	....
29	21	41	9	6	....	41	10	47	72	....
30	18	36	8	6	....	45	4	45	103	....
31	....	30	6	....	....	47	....	40	108	....
Mean	20	32	11	10	....	43	30	36	78	40
Max.	23	46	31	14	....	47	56	54	108	96
Min.	18	11	3	5	....	41	4	9	38	3
A. F.	242	1950	704	587	....	516	1791	2227	4908	1192

Area reported 3014 acres.  
Water used 3483 A. F.  
Per acre 1.16 A. F.

Area reported 3014 acres.  
Water used 10534 A. F.  
Per acre 3.50 A. F.

Date	1925				1926					
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	*	0	54	44	48	0	62	104	46	30
2	....	0	78	35	48	0	57	104	39	30
3	....	0	71	54	48	0	57	100	42	30
4	....	0	78	51	48	0	25	96	38	30
5	....	0	82	38	48	0	25	96	38	30
6	....	17	78	33	48	0	25	96	36	8
7	....	3	74	*	48	0	25	96	38	8
8	....	6	61	....	48	78	25	96	39	8
9	....	6	67	....	48	72	25	96	36	8
10	....	13	54	....	48	59	25	96	30	8
11	....	12	57	....	50	61	50	50	38	19
12	67	0	35	....	50	58	50	50	28	19
13	67	0	44	....	50	36	50	50	32	19
14	71	0	47	....	50	58	50	50	20	19
15	67	0	61	....	50	58	50	50	8	19
16	61	0	51	....	50	58	50	50	8	19
17	61	12	51	....	50	44	50	50	8	30
18	61	12	51	....	50	54	50	50	10	30
19	61	78	38	....	50	58	50	50	10	36
20	61	86	29	....	50	32	50	50	10	36
21	19	93	33	....	74	36	96	36	30	39
22	19	71	33	....	74	36	96	36	30	19
23	19	57	22	....	74	36	96	36	36	15
24	19	44	20	....	74	36	96	36	36	50
25	19	67	29	....	74	36	96	36	19	42
26	27	41	23	....	70	59	96	36	19	42
27	19	44	19	....	74	59	96	36	30	36
28	17	38	22	....	74	59	92	36	30	36
29	13	15	22	....	78	58	70	26	30	0
30	2	38	22	....	61	52	90	32	36	0
31	....	61	47	....	78	....	70	46	....	0
Mean	39	26	47	43	58	40	60	60	28	23
Max.	71	93	82	54	78	78	96	104	46	50
Min.	2	0	19	33	48	0	25	26	8	0
A. F.	1488	1615	2882	506	3541	2366	3659	3713	1686	1418

Area reported 3834 acres.  
Water used 6491 A. F.  
Per acre 1.69 A. F.  
\*No record.

Area reported 3834 acres.  
Water used 16383 A. F.  
Per acre 4.27 A. F.

# HYDROGRAPHIC REPORT—1928

1197

## Orchard-Alfalfa Canal from Platte River—Continued

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	*	48	49	39	21	28
2	---	34	49	44	21	28
3	---	29	46	49	21	28
4	---	37	40	46	21	28
5	---	46	46	50	21	28
6	---	59	52	44	21	28
7	---	54	45	40	21	28
8	---	50	40	39	21	28
9	---	46	34	44	21	28
10	---	49	34	54	21	28
11	---	49	40	52	21	28
12	---	44	40	52	21	28
13	---	40	40	52	21	28
14	---	37	40	52	21	28
15	---	54	40	52	21	28
16	---	54	50	52	21	28
17	---	31	60	52	21	28
18	---	42	69	52	21	28
19	---	34	79	52	21	28
20	---	46	83	52	21	28
21	---	45	76	52	21	28
22	---	45	83	52	21	28
23	---	45	91	52	21	28
24	---	45	60	52	21	28
25	---	45	69	52	21	28
26	---	45	91	52	21	28
27	---	45	83	52	21	28
28	0	45	95	52	21	28
29	29	45	91	52	21	28
30	27	45	91	52	21	28
31	46	---	83	52	---	28
Mean	3	44	61	50	21	28
Max.	46	59	95	54	21	28
Min.	0	29	34	39	21	28
A. F.	202	2644	3747	3057	1250	1722

Area reported 5605 acres.  
Water used 12622 A. F.  
Per acre 2.25 A. F.

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	0	38	25	61	88	3
2	0	53	25	63	88	2
3	0	50	25	68	90	2
4	0	38	25	63	92	3
5	0	30	25	90	92	5
6	0	3	25	68	85	6
7	0	1	25	70	81	7
8	0	1	25	79	63	0
9	0	30	25	102	61	*
10	0	26	25	97	61	---
11	0	34	25	88	51	---
12	0	26	25	68	51	---
13	0	34	25	63	51	---
14	0	30	25	30	51	---
15	0	23	25	17	51	---
16	0	23	40	32	61	---
17	0	23	42	59	61	---
18	0	23	48	68	57	---
19	0	23	53	57	55	---
20	44	23	55	77	57	---
21	53	0	63	79	59	---
22	35	0	50	25	59	---
23	35	0	81	79	55	---
24	53	0	100	61	59	---
25	55	0	95	72	63	---
26	63	0	100	59	48	---
27	63	0	95	55	44	---
28	92	0	79	55	44	---
29	85	0	79	55	44	---
30	59	0	81	59	18	---
31	46	---	68	79	---	---
Mean	22	18	49	64	61	4
Max.	92	53	100	102	92	7
Min.	0	0	25	17	18	0
A. F.	1355	1055	2983	3963	2650	55

Area reported 5645 acres.  
Water used 13061 A. F.  
Per acre 2.31 A. F.

\*No record.

DISCHARGE IN SECOND-FEET OF OSHKOSH CANAL

Diverted from North Platte River. Docket 797—Date of Priority October 5, 1894

Date	1919			1920		
	July	Aug.	Sept.	July	Aug.	Sept.
1	.....	.....	.....	*	12	16
2	.....	.....	.....	.....	14	4
3	.....	.....	.....	.....	15	1
4	.....	.....	.....	.....	15	*
5	.....	.....	.....	.....	15	.....
6	.....	.....	.....	.....	13	.....
7	.....	.....	.....	.....	12	.....
8	.....	.....	.....	.....	12	.....
9	.....	.....	.....	.....	12	.....
10	.....	.....	.....	.....	12	.....
11	.....	.....	.....	.....	12	.....
12	.....	.....	.....	.....	12	.....
13	.....	.....	.....	.....	11	.....
14	.....	.....	.....	.....	11	.....
15	.....	.....	.....	.....	11	.....
16	.....	.....	.....	.....	11	.....
17	.....	.....	.....	.....	11	.....
18	.....	.....	.....	.....	10	.....
19	.....	.....	.....	.....	7	.....
20	.....	.....	.....	.....	7	.....
21	.....	.....	.....	.....	8	.....
22	.....	.....	.....	.....	9	.....
23	.....	.....	.....	.....	9	.....
24	.....	.....	.....	.....	7	.....
25	.....	.....	.....	.....	7	.....
26	.....	.....	.....	.....	0	7
27	.....	.....	.....	.....	1	7
28	.....	.....	.....	.....	9	10
29	.....	.....	.....	.....	11	11
30	.....	.....	.....	.....	13	14
31	.....	.....	.....	.....	*	14
Mean	.....	.....	.....	6.8	10.9	7
Max.	.....	.....	.....	13	15	16
Min.	.....	.....	.....	0	7	1
A. F.	†300	†000	†600	67	670	42
Area reported	974 acres.			2730 acres.		
Water used	900 A. F.			779 A. F.		
Per acre	0.93 A. F.			0.29 A. F.		

Date	1921				1922			
	June	July	Aug.	Sept.	Oct.	July	Aug.	Sept.
1	*	3.0	6.0	9.0	2.0	*	4	12
2	.....	12.0	6.0	9.0	2.0	.....	3	14
3	.....	8.0	6.0	9.0	2.0	.....	4	19
4	.....	.5	8.6	7.5	2.0	.....	3	13
5	.....	.5	9.0	7.5	2.0	.....	2	9
6	.....	.5	9.0	7.5	.5	.....	2	6
7	.....	.5	4.0	7.5	.5	.....	2	2
8	.....	.5	4.0	6.0	.5	.....	2	2
9	.....	.5	3.0	6.0	.0	.....	6	2
10	.....	.5	4.5	6.0	*	.....	10	0
11	.....	4.5	6.0	3.0	.....	.....	6	0
12	.....	7.0	4.0	5.0	.....	.....	5	0
13	.....	6.0	3.0	2.0	.....	.....	3	0
14	.....	7.0	3.0	2.0	.....	.....	10	0
15	.....	4.5	4.0	2.0	.....	.....	19	0
16	.....	.5	4.0	.5	.....	.....	16	0
17	.....	.5	5.0	.5	.....	.....	15	12
18	.....	.5	4.5	.5	.....	.....	14	13
19	.....	2.0	7.5	1.0	.....	.....	30	14
20	.....	6.0	7.0	1.0	.....	.....	8	14
21	.....	9.0	3.0	1.0	.....	.....	9	14
22	.....	9.0	.5	1.5	.....	.....	8	14
23	.....	9.0	.5	1.5	.....	.....	8	15
24	.....	8.0	3.0	2.0	.....	.....	8	15
25	.....	8.0	4.5	2.0	.....	.....	7	15
26	4.5	8.0	.5	2.0	.....	.....	7	15
27	6.0	7.0	6.0	2.0	.....	28	6	16
28	4.0	7.0	6.0	.5	.....	.....	1	6
29	4.0	7.0	7.5	.5	.....	.....	1	7
30	8.6	6.0	10.0	.5	.....	.....	0	10
31	.....	6.0	9.0	.....	.....	.....	*	12
Mean	5.4	4.8	5.1	3.5	1.3	.....	8	7
Max.	8.6	12.0	10.0	9.0	2.0	.....	28	19
Min.	4.0	.5	.5	.5	.5	.....	0	2
A. F.	54	296	315	210	23	.....	60	460
Area reported	2664 acres.				2699 acres.			
Water used	898 A. F.				1083 A. F.			
Per acre	0.33 A. F.				0.39 A. F.			

\*No record. †Estimated.

# HYDROGRAPHIC REPORT—1928

1199

## Oshkosh Canal from North Platte River—Continued

Date	1923			1924		
	July	Aug.	Sept.	July	Aug.	Sept.
1	0	12	0	14	14	6
2	0	8	0	14	15	4
3	0	7	0	14	14	4
4	0	7	0	14	15	4
5	0	7	0	14	18	4
6	0	7	0	12	15	0
7	0	7	5	12	17	0
8	0	8	5	12	15	0
9	7	15	5	12	14	0
10	7	7	10	12	14	0
11	7	7	12	12	15	0
12	0	7	10	12	16	0
13	0	5	5	12	18	0
14	0	5	0	12	18	0
15	7	5	0	12	17	1
16	7	5	0	12	16	1
17	7	0	0	12	13	1
18	5	0	0	12	13	1
19	5	0	0	12	12	1
20	15	0	0	12	11	1
21	15	0	0	12	7	1
22	7	0	0	2	6	1
23	7	0	0	2	4	1
24	7	0	0	16	4	1
25	15	0	0	15	3	1
26	15	0	0	15	8	1
27	15	0	0	14	8	1
28	20	0	0	14	8	1
29	15	0	0	13	7	1
30	8	0	0	12	7	1
31	7	0	—	14	6	—
Mean	6	4	2	12	12	1
Max.	20	15	12	15	18	6
Min.	0	0	0	2	3	0
A. F.	393	236	103	752	730	75

Area reported 2859 acres.  
Water used 732 A. F.  
Per acre 0.26 A. F.

Area reported 2698 acres.  
Water used 1557 A. F.  
Per acre 0.58 A. F.

Date	1925			1926			
	July	Aug.	Sept.	June	July	Aug.	Sept.
1	7	9	11	0	7	15	6
2	7	9	11	0	4	15	7
3	8	9	9	0	2	15	7
4	9	11	9	0	2	14	8
5	9	12	9	0	2	13	11
6	11	9	9	0	3	12	7
7	12	9	9	0	2	11	9
8	13	9	9	0	4	13	12
9	12	10	9	0	3	13	15
10	14	11	11	0	2	12	14
11	13	12	11	0	4	12	9
12	13	12	11	0	5	16	12
13	13	8	11	0	2	16	12
14	12	8	0	0	2	14	13
15	12	8	*	0	2	7	12
16	14	8	—	11	1	5	11
17	14	8	—	11	3	5	10
18	12	8	—	11	11	5	10
19	9	8	—	7	6	5	0
20	11	10	—	7	5	5	0
21	9	11	—	7	8	5	0
22	9	11	—	7	10	7	0
23	6	12	—	7	7	15	0
24	4	12	—	8	5	15	0
25	11	12	—	11	16	14	0
26	10	12	—	3	17	13	0
27	15	12	—	3	17	12	0
28	10	11	—	2	17	11	0
29	12	11	—	5	17	10	0
30	6	11	—	8	17	11	0
31	6	11	—	—	17	12	—
Mean	10	10	9	4	7	11	6
Max.	15	12	11	11	17	16	15
Min.	4	8	0	0	1	5	0
A. F.	641	623	256	212	436	690	367

Area reported 3000 acres.  
Water used 1520 A. F.  
Per acre 0.51 A. F.  
\*No record.

Area reported 3007 acres.  
Water used 1705 A. F.  
Per acre 0.57 A. F.

STATE OF NEBRASKA

Oshkosh Canal from North Platte River—Continued

Date	1927					1928	
	May	June	July	Aug.	Sept.	Aug.	Sept.
1	0	11	12	18	7	0	15
2	0	10	14	14	6	0	14
3	0	8	11	4	5	0	16
4	0	7	8	4	6	0	16
5	0	9	8	5	5	0	16
6	0	4	9	6	8	0	16
7	0	3	13	7	9	0	16
8	0	3	13	6	3	0	15
9	0	3	11	6	3	0	14
10	0	3	11	6	2	1	16
11	0	3	11	5	2	1	16
12	0	3	11	5	2	1	16
13	0	3	11	5	3	1	14
14	0	3	4	5	4	1	14
15	0	4	6	5	5	1	16
16	0	4	8	5	7	1	15
17	0	4	9	4	7	2	16
18	0	4	8	4	12	8	16
19	0	4	13	4	11	9	16
20	0	4	8	3	6	10	15
21	0	4	6	3	6	8	16
22	0	4	6	3	6	13	16
23	0	5	4	2	7	15	14
24	0	5	4	2	5	16	14
25	0	5	6	3	5	15	14
26	0	5	6	7	7	15	13
27	0	4	14	7	4	16	13
28	0	4	15	7	0	16	13
29	0	0	16	7	0	16	0
30	7	10	15	7	0	15	0
31	10	...	16	8	...	17	...
Mean	1	5	10	6	5	6	14
Max.	10	11	16	18	12	17	16
Min.	0	3	4	3	2	0	0
A. F.	34	284	609	351	303	393	835

Area reported 2700 acres.  
Water used 1581 A. F.  
Per acre 0.59 A. F.

Area reported 2870 acres.  
Water used 1228 A. F.  
Per acre 0.42 A. F.

DISCHARGE IN SECOND-FEET OF OTTER CREEK CANAL

Diverted from Otter Creek. Application 1198—Date of Priority May 24, 1912

Date	1921		1925		
	July	Aug.	June	July	Aug.
1	*	21	26	6	10
2	...	21	26	6	10
3	...	21	26	6	10
4	...	22	26	6	10
5	...	22	26	6	10
6	...	22	26	6	10
7	2	22	26	6	10
8	3	23	26	6	10
9	4	23	26	6	10
10	5	23	26	6	10
11	6	23	6	10	5
12	7	*	6	10	5
13	8	...	6	10	5
14	8	...	6	10	5
15	9	...	6	10	5
16	10	...	6	10	5
17	11	...	6	10	5
18	12	...	6	10	5
19	12	...	6	10	5
20	13	...	6	10	5
21	14	...	9	10	1
22	15	...	9	12	1
23	16	...	9	12	1
24	16	...	9	12	1
25	17	...	9	12	1
26	18	...	9	12	1
27	19	...	9	12	1
28	20	...	9	12	1
29	20	...	9	12	1
30	20	...	9	12	1
31	20	...	...	12	1
Mean	12	22	14	9	5
Max.	20	23	26	12	10
Min.	2	21	6	6	1
A. F.	605	482	813	575	319

Area reported \*.  
Water used 1087 A. F.  
\*No record.

Area reported 732 acres.  
Water used 1707 A. F.  
Per acre 2.33 A. F.

**DISCHARGE IN SECOND-FEET OF OVERLAND (SEE MIDLAND) CANAL**

Diverted from North Platte River. Docket 791—Date of Priority August 14, 1894

Date	1919				1921	
	June	July	Aug.	Sept.	July	Aug.
1	....	....	....	....	*	16
2	....	....	....	....	....	16
3	....	....	....	....	....	16
4	....	....	....	....	....	16
5	....	....	....	....	....	16
6	....	....	....	....	16	15
7	....	....	....	....	15	15
8	....	....	....	....	14	15
9	....	....	....	....	14	15
10	....	....	....	....	15	15
11	....	....	....	....	15	14
12	....	....	....	....	15	14
13	....	....	....	....	15	14
14	....	....	....	....	16	14
15	....	....	....	....	16	13
16	....	....	....	....	16	13
17	....	....	....	....	16	13
18	....	....	....	....	16	13
19	....	....	....	....	17	12
20	....	....	....	....	17	12
21	....	....	....	....	17	11
22	....	....	....	....	17	11
23	....	....	....	....	17	11
24	....	....	....	....	17	*
25	....	....	....	....	17	....
26	....	....	....	....	18	....
27	....	....	....	....	17	....
28	....	....	....	....	17	....
29	....	....	....	....	17	....
30	....	....	....	....	17	....
31	....	....	....	....	*	....
Mean	....	....	....	....	17	14
Max.	....	....	....	....	18	16
Min.	....	....	....	....	14	11
A. F.	†900	†900	†400	†800	801	635

Area reported \*.  
 Water used †3000 A. F.  
 \*No record. †Estimated.

Area reported 900 acres.  
 Water used 1436 A. F.  
 Per acre 1.60 A. F.



## DISCHARGE IN SECOND-FEET OF OWASCO CANAL

Diverted from Lodgepole Creek. Docket 347—Date of Priority December 31, 1876  
 Application 725—Date of Priority September 12, 1903. Application 734—Date of  
 Priority December 15, 1903

Date	1925					1927					
	May	June	July	Aug.	Sept.	Apr.	May	June	July	Aug.	Sept.
1	0.7	4.5	5.7	10.6	5.2	6.7	0.0	0.0	7.3	9.5	2.3
2	.7	5.0	5.7	10.6	5.2	6.7	.0	.0	7.3	9.5	2.3
3	.7	7.0	5.7	10.6	5.2	6.7	.0	.0	7.3	9.5	2.3
4	.7	8.0	5.7	10.6	5.2	6.7	.0	.0	7.3	9.5	2.3
5	3.5	8.0	5.7	10.6	5.2	6.7	.0	.0	7.3	9.5	2.3
6	3.5	8.0	5.7	10.6	5.2	6.7	.0	.0	7.3	9.5	2.3
7	3.5	8.0	5.7	10.6	5.2	6.7	.0	.0	7.3	9.5	2.3
8	3.5	8.0	5.7	10.6	5.2	6.7	.0	.0	7.3	9.5	2.3
9	3.5	8.0	5.7	10.6	5.2	6.7	.0	.0	7.3	9.5	2.3
10	3.5	8.0	5.7	10.6	5.2	6.7	.0	.0	7.3	9.5	2.3
11	4.6	8.0	5.7	9.0	6.5	6.7	.0	.0	6.6	7.1	2.3
12	4.6	8.0	5.7	9.0	6.5	6.7	.0	.0	6.6	7.1	2.3
13	4.6	8.0	5.7	9.0	6.5	6.7	.0	.0	6.6	7.1	2.3
14	4.6	8.0	5.7	9.0	6.5	6.7	.0	.0	6.6	7.1	2.3
15	4.6	8.0	5.7	9.0	6.5	6.7	.0	.0	6.6	7.1	2.3
16	4.6	8.3	5.7	9.0	6.5	6.7	.0	.0	6.6	7.1	2.3
17	4.6	8.3	5.7	9.0	6.5	6.7	.0	.0	6.6	7.1	2.3
18	4.6	8.3	5.7	9.0	6.5	6.7	.0	.0	6.6	8.0	2.3
19	4.6	7.2	5.7	9.0	6.5	6.7	.0	.0	6.6	8.0	2.3
20	4.6	7.2	5.7	9.0	6.5	6.7	.0	.0	6.6	8.0	2.3
21	4.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	8.0	2.3
22	4.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	8.0	2.3
23	4.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	8.0	2.3
24	4.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	8.0	2.3
25	4.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	8.0	2.3
26	4.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	7.8	2.3
27	4.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	7.8	2.3
28	.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	7.8	2.3
29	.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	7.8	2.3
30	.0	7.2	5.7	9.4	7.8	6.7	.0	.0	6.6	7.8	2.3
31	.0	—	5.7	9.4	—	—	.0	—	6.6	7.8	—
Mean	3.2	7.5	5.7	9.7	6.5	6.7	0.0	0.0	6.8	8.2	2.3
Max.	4.6	8.3	5.7	10.6	7.8	6.7	.0	.0	7.3	9.5	2.3
Min.	.0	4.5	5.7	9.0	5.2	6.7	.0	.0	6.6	7.1	2.3
A. F.	194	444	350	594	337	398	0	0	420	507	136

Area reported 764 acres.  
 Water used 1969 A. F.  
 Per acre 2.58 A. F.

Area reported 865 acres.  
 Water used 1461 A. F.  
 Per acre 1.69 A. F.

DISCHARGE IN SECOND-FEET OF PAISLEY CANAL

Diverted from Blue Creek. Application 515—Date of Priority July 14, 1899

Date	1917		1918			
	July	Aug.	June	July	Aug.	Sept.
1	*	8	*	0.0	11.2	5.4
2	.....	*	.....	.0	18.0	6.8
3	.....	8	.....	.0	22.0	6.8
4	.....	*	.....	.0	21.5	7.4
5	3	7	.....	.0	18.8	9.4
6	*	10	18.4	.0	.0	8.6
7	.....	*	18.4	.0	.0	8.4
8	.....	10	18.4	.0	.0	9.4
9	.....	*	13.4	.0	7.6	9.6
10	.....	10	13.4	.0	7.6	9.4
11	8	*	.0	.0	7.4	10.6
12	*	.....	.0	.0	.0	10.4
13	.....	13	.0	.0	6.6	10.6
14	.....	13	.0	.0	7.6	10.4
15	.....	13	.0	.0	4.6	9.4
16	.....	13	10.6	11.4	4.5	8.4
17	.....	13	10.6	8.8	3.2	5.6
18	.....	12	.0	13.3	1.9	3.6
19	.....	*	.0	10.2	.8	6.8
20	.....	12	10.6	10.2	.8	7.8
21	.....	13	10.7	7.2	4.6	7.3
22	.....	13	10.6	7.4	8.4	4.2
23	.....	13	10.7	6.6	10.2	4.2
24	.....	13	11.6	6.0	10.2	5.3
25	.....	13	6.8	6.8	10.6	4.2
26	.....	13	6.7	7.6	9.4	4.6
27	.....	*	6.0	5.4	8.3	3.8
28	2	.....	.0	7.1	11.2	3.6
29	8	.....	.0	7.4	11.0	*
30	*	.....	.0	4.9	10.6	.....
31	.....	.....	.....	13.4	5.4	.....
Mean	5	12	7.1	4.3	7.9	7.2
Max.	8	13	18.4	13.4	22.0	10.6
Min.	2	7	.0	.0	.0	3.6
A. F.	42	436	251	265	484	401
Water used	478	A. F.	Area reported*.			
			Water used 1501 A. F.			
			Per acre*.			

Date	1919				1921		
	May	June	July	Aug.	June	July	Aug.
1	*	13	10	4	*	14	14
2	.....	13	11	4	.....	15	14
3	.....	12	11	4	.....	16	14
4	.....	11	12	4	.....	17	14
5	.....	11	12	4	.....	18	14
6	.....	11	13	4	.....	18	14
7	.....	10	13	4	.....	18	13
8	.....	10	13	4	.....	18	13
9	.....	9	10	4	.....	18	13
10	.....	9	8	4	.....	18	13
11	.....	8	6	4	.....	18	13
12	.....	7	6	4	.....	17	13
13	.....	6	5	4	.....	17	13
14	.....	6	5	4	.....	17	13
15	.....	6	4	4	.....	17	13
16	.....	6	4	*	.....	16	13
17	.....	6	4	.....	.....	16	13
18	.....	5	4	.....	.....	16	13
19	.....	5	4	.....	.....	15	13
20	.....	5	4	.....	.....	15	13
21	.....	5	4	.....	6	15	13
22	.....	5	4	.....	7	15	13
23	.....	5	4	.....	8	15	13
24	8	5	4	.....	9	15	13
25	9	5	4	.....	9	15	13
26	12	5	4	.....	10	15	13
27	13	6	4	.....	11	15	13
28	16	6	4	.....	12	15	13
29	15	7	4	.....	13	15	13
30	14	8	4	.....	13	14	13
31	13	.....	4	.....	.....	14	13
Mean	13	8	7	4	10	16	13
Max.	16	13	13	4	13	18	14
Min.	8	5	4	4	6	14	13
A. F.	198	448	403	119	192	982	811
Water used	1168	A. F.	Water used 1985 A. F.				
*No record.							

STATE OF NEBRASKA

Paisley Canal from Blue Creek—Continued

Date	1923			1925				
	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	6	13	*	4.4	2.6	14	10
2	0	6	13	....	4.4	2.6	14	10
3	0	6	13	....	4.4	2.6	14	10
4	0	6	13	....	4.4	2.6	14	10
5	0	6	13	....	4.4	2.6	14	10
6	0	6	13	....	4.4	2.6	14	10
7	0	6	13	....	4.4	2.6	14	10
8	0	6	13	....	4.4	2.6	14	10
9	0	6	13	....	4.4	2.6	14	10
10	0	6	13	....	4.4	2.6	14	10
11	0	12	13	....	.0	16.0	14	10
12	0	12	13	....	.0	16.0	14	10
13	0	12	13	....	.0	16.0	14	10
14	0	12	13	....	.0	16.0	14	10
15	0	12	13	....	.0	16.0	14	10
16	6	12	9	....	.0	16.0	14	10
17	6	12	9	....	.0	16.0	14	10
18	6	12	9	....	.0	16.0	14	10
19	6	12	9	....	.0	16.0	14	10
20	6	12	9	16	.0	16.0	14	10
21	6	12	9	16	.0	16.0	10	10
22	6	12	9	16	.0	16.0	10	10
23	6	12	9	16	.0	16.0	10	10
24	6	12	9	16	.0	16.0	10	10
25	6	12	9	16	.0	16.0	10	10
26	6	12	9	16	.0	16.0	10	10
27	6	12	9	16	.0	16.0	10	10
28	6	12	9	16	.0	16.0	10	10
29	6	12	9	16	.0	16.0	10	10
30	6	12	9	16	.0	16.0	10	10
31	6	12	....	16	....	16.0	10	....
Mean	3	10	11	16	1.5	11.7	13	10
Max.	6	12	13	16	4.4	16.0	14	10
Min.	0	6	9	16	.0	2.6	10	10
A. F.	190	619	654	381	87	718	774	595
Water used	†1463	A. F.		Water used	2555	A. F.		

Date	1926					1927				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	6	12	17	15	11	*	18	14	14	10
2	6	12	17	16	11	....	18	14	14	10
3	6	12	17	16	11	....	18	14	14	10
4	6	12	17	13	11	....	18	14	14	10
5	6	12	17	14	11	....	18	14	14	10
6	6	12	17	14	11	....	18	14	14	10
7	6	12	17	16	11	....	18	14	14	10
8	6	12	17	16	11	....	18	14	14	10
9	6	12	17	17	11	....	18	14	14	10
10	6	12	17	16	11	....	18	14	14	10
11	10	9	17	16	10	....	18	14	14	10
12	10	9	17	17	10	....	18	14	14	10
13	10	9	17	19	10	....	18	14	14	10
14	10	9	17	19	10	....	18	14	14	10
15	10	9	17	16	10	....	18	14	14	10
16	10	9	17	6	10	....	18	14	14	10
17	10	9	17	7	10	....	18	14	14	10
18	10	9	17	9	10	....	18	14	14	10
19	10	9	17	11	10	....	18	14	14	10
20	10	9	17	11	10	....	18	14	14	10
21	14	18	17	11	10	9	18	13	5	10
22	14	18	17	11	10	9	18	13	5	10
23	14	18	17	11	10	9	18	13	5	10
24	14	18	17	11	10	9	18	13	5	10
25	14	18	17	11	10	9	18	13	5	10
26	14	18	17	11	10	16	18	13	5	10
27	14	18	17	11	10	16	18	13	5	10
28	14	18	17	11	10	16	18	13	5	10
29	14	18	15	11	10	16	18	13	5	10
30	14	18	15	11	10	16	18	13	5	10
31	14	....	15	11	....	16	....	13	5	....
Mean	10	13	17	13	10	13	18	14	11	10
Max.	14	18	17	17	11	16	18	14	14	10
Min.	6	9	15	6	10	9	18	13	5	10
A. F.	623	774	1033	803	615	279	1071	839	664	595
Water used	3849	A. F.		Water used	3448	A. F.				

\*No record. †Estimated.

**DISCHARGE IN SECOND-FEET OF PARKS CANAL**

Diverted from Republican River, North Fork. Application 1444—Date of Priority  
December 31, 1915

Date	1921				
	May	June	July	Aug.	Sept.
1	*	0	0	11	7
2	....	0	0	10	7
3	....	0	0	10	6
4	....	0	0	10	6
5	....	0	0	0	5
6	....	0	0	0	9
7	....	0	0	0	10
8	....	0	0	0	10
9	....	0	0	0	10
10	....	0	0	0	8
11	....	0	0	0	7
12	26	0	0	0	11
13	26	0	0	0	11
14	26	0	0	0	12
15	26	0	0	0	12
16	26	0	0	0	12
17	26	0	0	0	12
18	26	0	0	4	11
19	26	0	0	12	0
20	26	0	0	9	*
21	26	0	14	9	....
22	26	0	14	12	....
23	26	0	14	12	....
24	26	0	14	11	....
25	26	0	12	12	....
26	26	0	12	12	....
27	0	0	12	11	....
28	0	0	12	11	....
29	0	0	12	14	....
30	0	0	12	11	....
31	0	....	11	9	....
Mean	20	0	4	6	9
Max.	26	0	14	14	12
Min.	0	0	0	0	0
A. F.	74	0	276	377	329

Area reported 815 acres.  
Water used 1756 A. F.  
Per acre 2.15 A. F.

**DISCHARGE IN SECOND-FEET OF PANTON-HERSHEY CANAL**

Diverted from North Platte River. Docket C53—Date of Priority February 13, 1894

Date	1916				1918		
	May	June	July	Aug.	June	July	Aug.
1	61	61	....	67	*	*	22.0
2	....	....	....	....	....	....	24.5
3	....	....	....	....	....	....	22.0
4	64	77	....	51	....	....	18.5
5	....	....	....	....	....	....	15.0
6	....	....	....	....	....	....	18.0
7	67	67	....	56	....	58.0	45.5
8	....	....	....	....	....	39.5	100.0
9	....	....	....	....	....	30.5	15.0
10	61	46	74	61	....	24.5	.0
11	....	....	80	....	....	30.5	.0
12	....	....	93	....	....	22.0	18.0
13	61	61	99	67	....	18.0	30.5
14	....	....	99	....	....	39.5	35.0
15	....	....	....	....	....	15.0	24.5
16	56	74	....	61	....	30.5	24.5
17	51	74	....	61	....	35.0	27.5
18	....	....	67	....	45.5	58.0	*
19	....	....	51	....	76.0	76.0	....
20	61	74	61	80	84.5	35.0	....
21	†	....	56	....	70.0	45.5	....
22	....	....	67	....	70.0	58.0	....
23	....	56	....	....	76.0	52.0	....
24	....	....	....	....	95.0	35.0	....
25	....	....	61	....	100.0	64.0	....
26	....	80	....	34	100.0	52.0	....
27	....	....	....	....	84.5	70.0	....
28	....	....	74	....	100.0	22.0	....
29	†80	74	....	67	100.0	22.0	....
30	....	67	....	....	....	22.0	....
31	74	....	74	67	....	24.5	....
Mean	....	....	....	....	83.5	39.2	25.9
Max.	....	....	....	....	100.0	76.0	100.0
Min.	....	....	....	....	45.5	15.0	.0
A. F.	....	....	....	....	1986	1942	874

Area reported 7840 acres.  
Water used 4802 A. F.  
Per acre 0.61 A. F.

\*No record. †Canal closed and opened by water commissioner.

STATE OF NEBRASKA

Paxton-Hershey Canal from North Platte River—Continued

Date	1919				1920		
	June	July	Aug.	Sept.	July	Aug.	Sept.
1	*	13	78	56	*	29	57
2	....	42	64	53	....	84	35
3	12	20	58	60	79	74	68
4	10	22	48	63	74	95	73
5	10	24	38	65	46	104	62
6	10	26	28	67	57	93	54
7	10	28	26	63	49	90	65
8	17	30	30	60	84	73	71
9	13	32	40	56	62	73	71
10	13	34	49	53	38	51	68
11	13	36	56	50	29	46	79
12	13	40	60	45	17	56	71
13	13	44	63	43	12	54	62
14	12	48	67	41	5	49	60
15	11	52	65	39	6	43	62
16	10	56	60	36	46	51	60
17	15	57	*	30	79	46	46
18	26	58	....	25	57	26	60
19	26	59	....	15	46	32	51
20	26	62	....	*	64	57	51
21	13	64	....	....	57	8	62
22	7	66	....	....	57	9	60
23	36	69	....	....	74	5	29
24	46	71	....	....	43	6	29
25	56	72	....	....	46	6	29
26	66	73	....	....	54	12	36
27	46	74	....	....	32	12	43
28	12	75	....	....	76	29	50
29	13	76	....	....	57	35	57
30	13	76	....	....	57	43	65
31	....	78	....	....	24	57	....
Mean	19	50	52	49	49	47	56
Max.	66	78	78	67	84	104	79
Min.	7	13	26	15	5	5	29
A. F.	1154	3080	1654	1835	2830	2872	3350

Area reported 7834 acres.  
Water used 7723 A. F.  
Per acre 0.99 A. F.

Area reported 7840 acres.  
Water used 9052 A. F.  
Per acre 1.15 A. F.

Date	1921					1922			
	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.
1	*	92	70	64	42	40	117	60	16
2	....	42	64	53	*	40	63	68	68
3	....	53	64	59	....	35	43	101	90
4	....	42	67	64	....	27	65	105	95
5	....	56	70	67	....	24	65	77	63
6	42	56	67	70	....	27	40	51	6
7	56	70	62	64	....	33	27	57	6
8	56	64	64	81	....	30	110	57	6
9	64	62	64	97	....	24	43	54	63
10	53	59	64	70	....	25	24	63	63
11	50	64	64	59	....	26	30	65	73
12	56	81	64	53	....	27	30	40	63
13	53	106	53	75	....	28	17	40	35
14	59	108	53	75	....	29	30	46	90
15	59	108	53	75	....	30	40	90	90
16	64	103	42	75	....	31	30	91	90
17	62	103	28	75	....	33	78	90	76
18	56	103	20	75	....	35	48	90	75
19	59	103	15	64	....	24	33	84	60
20	64	108	25	84	....	30	35	80	40
21	64	114	47	81	....	43	22	78	43
22	70	114	47	78	....	40	24	70	46
23	73	116	53	42	....	63	27	65	48
24	95	116	47	42	....	63	15	60	52
25	125	120	47	42	....	68	35	55	45
26	116	125	75	42	....	90	51	51	35
27	120	114	75	42	....	111	21	38	43
28	120	125	73	42	....	90	33	27	46
29	120	137	67	42	....	84	90	40	52
30	120	125	67	42	....	84	90	76	63
31	....	81	67	....	....	....	58	73	....
Mean	75	93	56	63	42	44	46	66	55
Max.	125	137	75	97	42	111	117	105	95
Min.	42	42	15	42	42	24	15	27	6
A. F.	3721	5693	3447	3757	33	2646	2844	4050	3255

Area reported 7434 acres.  
Water used 16701 A. F.  
Per acre 2.25 A. F.  
\*No record.

Area reported 7420 acres.  
Water used 12795 A. F.  
Per acre 1.72 A. F.

Paxton-Hershey Canal from North Platte River—Continued

Date	1923					1924				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	15	29	62	13	19	50	14	95	62
2	....	14	35	90	21	12	50	36	83	69
3	....	13	30	95	17	50	42	31	77	69
4	....	12	30	116	29	50	45	54	87	69
5	....	14	25	120	17	32	53	90	105	56
6	....	12	21	132	25	23	50	81	110	56
7	....	12	17	145	25	23	62	75	80	56
8	....	12	17	120	26	23	45	95	65	62
9	....	14	17	148	29	23	37	101	95	56
10	....	50	17	70	62	23	32	65	110	62
11	25	29	13	83	*	23	27	53	116	81
12	23	14	13	46	....	23	27	62	113	15
13	18	13	13	62	....	27	23	81	116	14
14	35	13	14	83	....	48	23	83	56	13
15	25	10	14	105	....	48	11	81	62	12
16	25	9	35	100	....	42	16	62	62	12
17	25	9	46	108	....	45	23	65	56	12
18	29	9	35	62	....	27	42	83	56	19
19	46	10	25	91	....	54	54	95	50	15
20	21	10	25	35	....	54	42	95	54	15
21	21	10	25	9	....	54	27	99	56	15
22	35	10	87	23	....	62	23	75	56	15
23	25	10	100	25	....	42	19	65	54	*
24	25	10	95	15	....	29	21	75	48	....
25	21	12	70	14	....	21	27	75	48	....
26	17	12	80	10	....	23	27	83	48	....
27	25	12	100	10	....	19	23	71	48	....
28	35	15	105	10	....	54	23	62	50	....
29	21	14	70	10	....	59	12	68	69	....
30	14	14	46	10	....	63	12	71	69	....
31	14	....	43	12	....	78	....	95	62	....
Mean	25	14	42	65	26	38	32	72	73	39
Max.	46	50	105	148	62	78	62	101	116	81
Min.	14	9	13	9	13	12	11	14	48	12
A. F.	1041	819	2562	4008	524	2337	1920	4445	4475	1696

Area reported 7434 acres.  
Water used 8954 A. F.  
Per acre 1.20 A. F.

Area reported 7434 acres.  
Water used 14873 A. F.  
Per acre 2.00 A. F.

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	67	102	102	33	68	76	79	89	111
2	....	96	92	106	25	79	81	79	117	100
3	....	96	106	112	77	73	104	84	120	77
4	....	87	106	112	85	84	74	68	123	111
5	....	67	102	102	87	79	64	58	120	92
6	....	52	82	102	89	79	79	63	131	77
7	....	57	72	106	102	89	94	79	128	80
8	....	47	65	106	96	84	94	89	140	72
9	....	47	92	102	92	56	99	79	143	77
10	....	57	106	112	85	45	99	75	145	52
11	....	62	123	106	85	45	94	79	140	55
12	....	72	119	82	67	71	74	84	140	47
13	72	89	106	82	106	79	74	75	123	44
14	35	91	92	62	102	73	68	68	134	49
15	82	94	96	62	74	68	68	63	117	38
16	92	92	127	102	47	68	68	54	114	28
17	49	87	131	96	37	64	59	75	92	44
18	49	72	119	96	37	64	64	68	72	38
19	62	82	102	92	35	68	68	68	55	36
20	72	111	96	102	31	68	74	75	36	33
21	82	111	102	65	29	73	81	89	33	38
22	33	111	87	67	29	66	71	84	38	41
23	52	111	87	62	19	45	64	84	55	38
24	72	119	97	55	11	28	59	68	94	38
25	94	92	104	42	11	43	68	43	72	36
26	87	102	94	25	11	84	64	28	72	36
27	91	111	106	25	11	104	41	33	108	33
28	77	96	87	27	11	86	68	43	111	36
29	72	92	92	35	11	98	64	48	103	44
30	52	102	92	52	11	95	64	43	86	38
31	47	....	94	52	....	91	....	58	100	....
Mean	67	86	99	79	52	72	74	67	102	55
Max.	94	119	131	112	106	104	104	89	145	111
Min.	33	47	65	25	11	28	41	28	33	23
A. F.	2523	5101	6105	4861	3066	4397	4401	4132	6250	3251

Area reported 7434 acres.  
Water used 21656 A. F.  
Per acre 2.91 A. F.  
\*No record.

Area reported 7434 acres.  
Water used 22431 A. F.  
Per acre 3.02 A. F.

STATE OF NEBRASKA

Paxton-Hershey Canal from North Platte River—Continued

Date	1927						1928				
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	15	69	98	124	73	20	61	112	73	52	94
2	15	63	136	59	76	20	56	94	78	56	90
3	15	73	105	35	71	20	64	73	70	52	90
4	15	45	80	45	63	20	66	73	61	54	86
5	15	59	93	63	74	20	80	78	78	44	92
6	15	78	122	59	69	20	80	80	90	44	70
7	15	71	105	61	50	20	73	80	80	48	64
8	15	59	115	65	35	20	66	86	92	70	66
9	15	59	122	65	31	20	92	80	106	70	64
10	15	59	120	59	45	20	78	76	104	92	61
11	15	63	124	56	40	20	70	73	110	98	56
12	15	80	105	59	35	20	80	61	104	100	56
13	15	87	138	42	35	20	68	64	106	100	56
14	15	59	158	35	40	20	70	52	102	61	52
15	15	50	129	54	54	20	82	73	110	116	52
16	15	54	110	59	54	20	61	47	94	120	52
17	15	37	110	59	52	20	64	50	100	114	52
18	15	35	93	61	47	20	56	68	114	122	56
19	15	35	96	69	42	20	66	61	100	122	58
20	15	37	96	63	40	20	76	47	94	120	56
21	26	50	91	57	42	0	66	42	106	120	52
22	17	31	91	59	40	0	66	44	86	116	56
23	26	28	75	28	42	0	68	61	66	66	58
24	35	45	59	59	54	0	73	70	61	66	56
25	50	87	65	59	61	0	78	64	73	54	54
26	69	83	73	57	59	0	92	61	64	44	0
27	87	83	83	64	35	0	82	73	47	61	0
28	96	91	91	54	23	0	78	78	56	68	0
29	80	96	83	64	40	0	80	78	64	80	0
30	73	98	98	63	45	0	94	80	64	82	0
31	71	.....	101	63	.....	0	112	.....	52	80	.....
Mean	30	62	102	59	49	13	74	69	84	80	53
Max.	96	98	158	124	76	20	112	112	114	122	94
Min.	15	28	59	28	23	0	56	42	47	44	0
A. F.	1845	3697	6278	3608	2910	793	4558	4124	5167	4943	3172

Area reported 7474 acres.  
Water used 19131 A. F.  
Per acre 2.56 A. F.

Area reported 7474 acres.  
Water used 21964 A. F.  
Per acre 2.94 A. F.

DISCHARGE IN SECOND-FEET OF PHELAN CANAL

Diverted from Rock Creek. Application 265—Date of Priority June 20, 1896  
1921

Date	July	Aug.	Sept.	Oct.
1	*	0.2	1.6	3.5
2	.....	.2	1.6	3.1
3	.....	.2	1.6	3.1
4	.....	.2	1.9	3.1
5	.....	.4	2.1	3.1
6	.....	.4	2.1	3.1
7	.....	.4	2.4	3.1
8	.....	.4	2.4	3.1
9	.....	.4	3.1	3.1
10	.....	.6	3.0	3.1
11	.....	.8	2.9	3.1
12	.....	1.0	2.9	3.1
13	.....	1.0	2.8	3.1
14	.....	1.2	2.8	3.1
15	.....	1.2	3.1	3.5
16	.....	1.2	3.1	3.5
17	.....	1.4	3.1	3.5
18	.....	1.4	3.1	3.5
19	.....	1.4	3.1	3.5
20	.....	1.4	3.5	*
21	.....	1.4	3.1	.....
22	.....	1.9	3.1	.....
23	.....	2.1	3.1	.....
24	.....	2.1	3.1	.....
25	.....	2.4	3.1	.....
26	.....	2.4	3.5	.....
27	.....	1.9	3.5	.....
28	0.1	1.9	3.5	.....
29	.1	1.9	3.1	.....
30	.1	1.9	3.5	.....
31	.1	1.9	.....	.....
Mean	0.1	1.2	2.8	2.2
Max.	.1	2.4	3.5	3.5
Min.	.1	.2	1.6	3.1
A. F.	1	74	168	122

\*No record.

Area reported 301 acres.  
Water used 365 A. F.  
Per acre 1.21 A. F.

DISCHARGE IN SECOND-FEET OF RAMSHORN CANAL

Diverted from North Platte River. Docket 945—Date of Priority March 20, 1893

Date	1919			1920		
	June	July	Aug.	June	July	Aug.
1	*	7.4	15.2	*	7	10
2	---	11.4	3.0	---	9	9
3	---	9.6	3.2	---	11	5
4	6.8	9.9	6.4	---	7	5
5	13.0	10.2	8.4	---	5	5
6	9.7	9.8	14.3	---	2	0
7	9.7	3.4	7.5	---	0	0
8	11.3	10.8	13.5	---	0	0
9	11.3	9.0	13.5	---	0	0
10	9.7	1.2	12.0	---	0	0
11	8.1	1.2	12.0	---	0	0
12	3.5	1.0	7.6	---	0	11
13	3.5	1.0	7.6	---	7	11
14	14.5	.5	13.5	---	11	10
15	13.0	1.4	3.8	---	13	11
16	13.0	5.0	4.5	---	11	18
17	11.3	3.0	4.5	---	7	23
18	14.5	2.6	4.5	---	2	17
19	14.5	3.2	4.5	0	7	16
20	22.4	3.1	4.5	0	7	18
21	13.0	4.0	4.5	0	0	17
22	4.4	3.4	4.5	1	0	20
23	16.0	2.8	4.5	2	0	14
24	14.0	2.9	4.5	1	0	7
25	18.2	3.0	4.5	1	0	9
26	15.0	3.1	4.5	7	0	0
27	14.7	8.2	4.5	16	0	1
28	14.4	8.6	4.5	14	0	0
29	11.0	9.6	4.5	12	17	0
30	9.0	9.8	4.5	10	11	0
31	---	11.8	4.5	---	19	0
Mean	11.8	5.5	6.9	5	5	8
Max.	22.4	11.8	15.2	16	19	23
Min.	3.5	.5	3.0	0	0	0
A. F.	634	341	423	127	303	470
Area reported	3100 acres.			2450 acres.		
Water used	1398 A. F.			900 A. F.		
Per acre	0.45 A. F.			0.37 A. F.		

Date	1921				1922		
	June	July	Aug.	Sept.	June	July	Aug.
1	*	0	17.5	14	*	2	17
2	---	0	.5	12	---	2	15
3	---	0	.5	12	---	2	17
4	---	0	4.0	11	---	1	19
5	---	0	2.0	11	4	0	19
6	---	0	.0	7	6	0	19
7	---	0	.0	7	5	0	19
8	---	0	4.0	11	2	0	15
9	---	0	24.0	10	4	0	13
10	---	0	17.5	11	5	0	13
11	---	6	12.0	11	4	2	11
12	---	9	17.5	3	3	8	14
13	---	33	17.5	7	4	11	13
14	---	31	33.0	7	2	14	13
15	---	31	19.0	7	3	4	12
16	---	33	30.0	10	2	0	14
17	---	36	28.0	7	3	0	11
18	---	37	33.0	8	3	0	13
19	---	37	7.0	10	3	0	8
20	---	52	19.0	18	3	0	6
21	---	52	17.5	19	3	0	17
22	---	39	20.0	3	4	2	11
23	---	42	17.5	3	4	16	16
24	---	45	14.0	3	4	19	21
25	---	44	17.5	3	4	21	6
26	---	39	17.5	3	2	17	11
27	---	45	9.5	3	2	21	23
28	16	42	5.0	3	2	25	21
29	16	45	9.6	3	2	23	19
30	12	39	12.0	0	0	17	19
31	---	36	14.0	---	---	21	8
Mean	15	25	14.2	8	3	7	15
Max.	16	52	33.0	19	6	25	23
Min.	12	0	.0	0	0	0	6
A. F.	87	1533	873	470	165	452	899
Area reported	1296 acres.				2516 acres.		
Water used	2963 A. F.				1516 A. F.		
Per acre	2.29 A. F.				0.60 A. F.		

\*No record.



STATE OF NEBRASKA

Ramshorn Canal from North Platte River—Continued

Date	1923				1924			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	0	4	9	3	*	3	23	20
2	0	4	12	0	—	3	26	24
3	0	4	10	0	—	3	26	17
4	0	4	8	4	—	3	28	20
5	0	17	7	11	—	4	30	20
6	40	22	6	12	—	6	26	17
7	40	26	0	11	20	8	24	20
8	40	36	0	9	8	12	24	9
9	40	24	6	11	8	17	24	24
10	40	19	6	13	6	17	22	24
11	12	24	0	10	4	15	24	17
12	12	24	0	11	8	20	22	17
13	12	26	0	10	8	20	22	17
14	12	26	0	9	1	20	22	12
15	12	31	0	12	0	20	20	9
16	12	33	6	11	0	18	15	8
17	12	31	2	12	0	9	13	8
18	12	26	2	10	0	14	14	6
19	12	24	2	6	0	20	17	6
20	12	24	2	11	0	14	18	6
21	4	24	3	9	0	12	20	6
22	4	17	3	6	0	4	14	6
23	4	17	0	0	0	17	12	4
24	4	14	0	0	0	9	8	4
25	4	5	0	0	0	0	10	4
26	4	11	0	0	0	12	10	4
27	4	14	4	0	0	13	7	0
28	4	12	11	0	1	13	10	*
29	4	9	3	0	4	13	20	—
30	4	6	0	0	6	15	17	—
31	—	6	2	—	—	17	20	—
Mean	12	18	3	6	15	12	19	12
Max.	40	36	12	13	20	20	30	24
Min.	0	4	0	0	0	0	7	0
A. F.	714	1118	206	379	147	736	1176	653

Area reported 4934 acres.  
Water used †2417 A. F.  
Per acre 0.49 A. F.

Area reported 1795 acres.  
Water used 2712 A. F.  
Per acre 1.51 A. F.

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	0	25	10	12	0	7	2	9	27
2	—	0	17	7	10	0	7	2	9	27
3	—	0	25	7	12	0	7	8	9	0
4	—	0	11	7	10	0	7	5	9	9
5	—	1	11	7	10	0	7	8	9	12
6	—	4	17	10	12	0	11	11	9	13
7	—	9	25	14	12	0	11	26	9	6
8	—	9	17	10	12	0	11	26	9	6
9	—	4	26	14	12	0	11	22	9	6
10	—	4	11	10	12	0	11	11	9	21
11	—	6	13	10	12	0	11	22	7	12
12	—	9	17	10	10	0	11	22	7	9
13	—	0	13	10	8	0	11	22	7	2
14	—	2	11	3	10	0	11	11	7	2
15	—	6	26	4	8	0	11	26	7	2
16	—	9	26	4	8	20	7	17	7	2
17	9	25	14	4	8	20	7	17	7	2
18	3	13	12	3	10	20	7	22	7	2
19	3	6	11	7	10	20	7	22	23	2
20	4	1	7	12	8	20	7	22	27	2
21	3	1	9	11	10	20	7	22	27	2
22	30	1	7	11	10	20	7	17	27	2
23	6	1	2	7	10	20	7	22	27	2
24	2	4	2	6	10	20	7	22	27	3
25	2	25	2	6	11	20	5	22	27	2
26	2	26	2	5	8	32	5	37	27	6
27	2	26	2	4	8	32	7	37	27	2
28	0	31	2	3	7	32	11	37	27	2
29	0	17	2	4	4	32	7	37	27	2
30	0	17	10	4	0	32	11	37	27	1
31	0	—	10	16	—	32	—	37	27	—
Mean	4	9	12	8	9	13	8	21	16	6
Max.	30	31	26	16	12	32	11	37	27	27
Min.	0	0	2	3	0	0	5	2	7	0
A. F.	131	510	764	476	563	778	504	1291	978	373

Area reported 2250 acres.  
Water used 2444 A. F.  
Per acre 1.09 A. F.

Area reported 2552 acres.  
Water used 3924 A. F.  
Per acre 1.54 A. F.

†Estimated. \*No record.

Ramshorn Canal from North Platte River—Continued

Date	1927				1928			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	15	21	0	14	10	5	28	10
2	15	21	0	14	10	5	28	10
3	15	21	0	14	10	5	28	10
4	15	21	0	14	10	5	28	10
5	15	21	0	14	10	5	28	10
6	20	14	0	21	10	5	28	10
7	20	14	0	21	15	5	28	10
8	20	14	0	21	17	9	28	10
9	20	14	0	21	15	8	28	10
10	21	14	0	21	20	8	28	10
11	14	21	9	15	15	9	40	10
12	14	21	9	15	15	5	40	10
13	14	21	9	15	15	0	40	10
14	14	21	9	15	15	28	40	10
15	14	21	9	15	15	28	40	10
16	17	14	14	15	15	22	40	17
17	17	14	14	15	15	25	40	17
18	17	14	14	15	15	25	40	17
19	17	14	14	15	15	25	40	17
20	17	14	14	15	15	25	40	17
21	17	14	10	9	15	11	26	17
22	17	14	10	9	15	11	26	17
23	17	14	10	9	15	11	26	17
24	17	14	10	9	15	11	26	17
25	17	14	10	9	15	11	26	17
26	17	18	10	9	15	17	26	17
27	17	18	10	9	15	15	26	17
28	17	18	10	9	15	15	26	17
29	17	18	10	9	15	22	26	17
30	17	18	10	9	15	18	26	17
31	.....	18	10	.....	.....	13	26	.....
Mean	17	17	7	14	14	13	31	13
Max.	21	21	14	15	15	28	40	17
Min.	14	14	0	9	10	0	26	10
A. F.	994	1047	446	823	847	807	1916	803

Area reported 2232 acres.  
 Water used 3310 A. F.  
 Per acre 1.48 A. F.

Area reported 1877 acres.  
 Water used 4373 A. F.  
 Per acre 2.33 A. F.

## DISCHARGE IN SECOND-FEET OF RIVERSIDE CANAL

Diverted from Frenchman River, Docket 18—Date of Priority July 28, 1894.  
Application 1674—Date of Priority July 3, 1922

Date	1920					1923					
	July	Aug.	Sept.	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	0	0	10	*	18	10	9	10	10	10
2	---	2	0	10	---	18	10	9	10	10	10
3	---	13	0	10	---	18	10	9	10	10	10
4	---	15	0	10	---	18	10	9	10	10	10
5	2	14	0	10	---	18	10	9	10	10	10
6	2	14	0	10	---	18	10	9	10	10	10
7	2	14	0	9	---	18	10	9	10	10	10
8	2	15	0	9	---	18	10	9	10	10	10
9	4	15	0	9	---	18	10	9	10	10	10
10	7	15	0	9	---	18	10	9	10	10	10
11	9	15	0	9	---	18	10	9	10	10	10
12	9	16	5	9	---	18	10	9	10	10	10
13	9	16	6	9	---	18	10	9	10	10	*
14	9	16	5	9	---	18	10	9	10	10	---
15	9	15	6	10	---	18	10	9	10	10	---
16	9	15	6	10	18	18	10	9	10	10	---
17	9	14	6	10	18	18	10	9	10	10	---
18	9	9	5	10	18	18	10	9	10	10	---
19	9	10	4	10	18	18	10	9	10	10	---
20	7	3	4	10	18	18	10	9	10	10	---
21	7	0	6	10	18	18	10	9	10	10	---
22	7	0	9	12	18	18	10	9	10	10	---
23	7	0	9	12	18	18	10	9	10	10	---
24	7	0	9	12	18	18	10	9	10	10	---
25	7	0	9	10	18	18	10	9	10	10	---
26	3	0	10	10	18	18	10	9	10	10	---
27	1	0	10	10	18	18	10	9	10	10	---
28	1	0	10	10	18	18	10	9	10	10	---
29	0	0	10	10	18	18	10	9	10	10	---
30	0	0	10	10	18	18	10	9	10	10	---
31	0	0	---	*	---	18	---	9	10	---	---
Mean	5	8	5	10	18	18	10	9	10	10	10
Max.	9	16	10	12	18	18	10	9	10	10	10
Min.	0	0	0	9	18	18	10	9	10	10	10
A. F.	292	488	276	591	536	1107	595	553	615	595	238

Area reported 700 acres.

Water used 1647 A. F.

Per acre 2.35 A. F.

Area reported 700 acres.

Water used 14239 A. F.

Per acre 6.06 A. F.

Date	1925					1927					
	May	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.	Oct.
1	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
2	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
3	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
4	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
5	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
6	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
7	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
8	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
9	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
10	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
11	16.9	14.9	12.1	6.9	.0	1.5	18	14	15	10	6
12	16.9	14.9	12.1	6.9	.0	1.5	18	14	15	10	6
13	16.9	14.9	12.1	6.9	.0	1.5	18	14	15	10	6
14	16.9	14.9	12.1	6.9	.0	1.5	18	14	15	10	6
15	16.9	14.9	12.1	6.9	.0	1.5	18	14	15	10	6
16	16.9	14.9	8.0	6.9	.0	1.5	18	14	15	10	6
17	16.9	14.9	.0	6.9	.0	1.5	18	14	15	10	6
18	16.9	14.9	.0	6.9	.0	1.5	18	14	15	10	6
19	16.9	14.9	.0	6.9	.0	1.5	18	14	15	10	6
20	16.9	14.9	.0	6.9	.0	1.5	18	14	15	10	6
21	16.9	12.1	.0	6.9	.0	1.5	18	14	11	10	6
22	16.9	12.1	.0	6.9	.0	1.5	18	14	11	10	6
23	16.9	12.1	.0	6.9	.0	1.5	18	14	11	10	6
24	16.9	12.1	.0	6.9	.0	1.5	18	14	11	10	6
25	16.9	12.1	.0	6.9	.0	1.5	18	14	11	10	6
26	16.9	12.1	.0	6.9	.0	1.5	18	14	11	10	6
27	16.9	12.1	.0	6.9	.0	1.5	18	14	11	10	6
28	16.9	12.1	.0	6.9	.0	1.5	18	14	11	10	6
29	16.9	12.1	5.0	6.9	.0	1.5	18	14	11	10	6
30	16.9	12.1	5.0	6.9	.0	1.5	18	14	11	10	6
31	16.9	-----	5.0	6.9	-----	1.5	---	14	11	---	6
Mean	16.9	13.9	6.3	7.4	4.3	1.5	18	15	14	10	6
Max.	16.9	14.9	12.1	8.3	12.8	1.5	18	16	15	10	6
Min.	16.9	12.1	.0	6.9	.0	1.5	18	14	11	10	6
A. F.	1039	831	390	452	254	92	1071	900	835	595	368

Area reported 574 acres.

Water used 3058 A. F.

Per acre 5.33 A. F.

\*No record. †Estimated. §Closed by water commissioner.

Area reported 567 acres.

Water used 3769 A. F.

Per acre 6.65 A. F.

# HYDROGRAPHIC REPORT—1928

1213

## DISCHARGE IN SECOND-FEET OF RUSH CREEK CANAL

Diverted from North Platte River. Docket 802—Date of Priority December 11, 1894

Date	1922				1924				
	May	June	July	Aug.	May	June	July	Aug.	Sept.
1	*	10	4	5	*	5	1	3	2
2	.....	10	4	5	.....	5	1	3	2
3	.....	10	4	5	.....	5	1	3	2
4	.....	10	5	5	.....	5	1	3	2
5	.....	9	5	5	.....	5	1	3	2
6	.....	9	6	5	.....	5	1	3	2
7	.....	9	6	5	.....	5	1	3	2
8	.....	9	7	5	.....	5	1	3	2
9	.....	8	7	5	.....	5	1	3	2
10	.....	8	8	5	.....	5	1	3	2
11	.....	8	8	4	.....	5	1	3	2
12	.....	8	9	4	.....	5	1	3	2
13	.....	8	9	4	.....	5	1	3	2
14	.....	8	8	4	.....	5	1	3	2
15	.....	7	7	*	.....	5	1	3	2
16	16	7	7	—	5	5	9	2	1
17	16	7	7	—	5	5	9	2	1
18	16	6	6	—	5	5	9	2	1
19	15	6	4	.....	5	5	9	2	1
20	13	6	3	.....	5	5	9	2	1
21	12	6	3	.....	5	5	9	2	1
22	12	6	3	.....	5	5	9	2	1
23	12	6	4	.....	5	5	9	2	1
24	12	5	4	.....	5	5	9	2	1
25	12	4	4	.....	5	5	9	2	1
26	11	4	4	.....	5	5	2	2	1
27	11	4	4	.....	5	5	2	2	1
28	11	4	4	.....	5	5	2	2	1
29	11	4	5	.....	5	5	2	2	1
30	11	4	5	.....	5	5	2	2	1
31	10	.....	5	.....	5	.....	2	2	.....
Mean	13	7	5	5	5	5	4	2	2
Max.	16	10	9	5	5	5	9	3	2
Min.	10	4	3	4	5	5	1	2	1
A. F.	399	417	335	131	159	298	232	153	89

Area reported 980 acres.  
Water used 1282 A. F.  
Per acre 1.31 A. F.

Area reported 980 acres.  
Water used 931 A. F.  
Per acre 0.95 A. F.

1928

Date	1925			
	June	July	Aug.	Sept.
1	4.0	3	7.3	1.2
2	4.0	3	7.3	1.2
3	4.0	3	7.3	1.2
4	4.0	3	7.3	1.2
5	4.0	3	7.3	1.2
6	4.0	3	7.3	1.2
7	4.0	3	7.3	1.2
8	4.0	3	7.3	1.2
9	4.0	3	7.3	1.2
10	4.0	3	7.3	1.2
11	1.5	8	4.0	1.2
12	1.5	8	4.0	1.2
13	1.5	8	4.0	1.2
14	1.5	8	4.0	1.2
15	1.5	8	4.0	1.2
16	1.5	8	4.0	1.2
17	1.5	8	4.0	1.2
18	1.5	8	4.0	1.2
19	1.5	8	4.0	1.2
20	1.5	8	4.0	1.2
21	.0	7	1.1	1.2
22	.0	7	1.1	1.2
23	.0	7	1.1	1.2
24	.0	7	1.1	1.2
25	.0	7	1.1	1.2
26	.0	7	1.1	1.2
27	.0	7	1.1	1.2
28	.0	7	1.1	1.2
29	.0	7	1.1	1.2
30	.0	7	1.1	1.2
31	.....	7	1.0	.....
Mean	1.8	6	4.0	1.2
Max.	4.0	8	7.3	1.2
Min.	.0	3	1.0	1.2
A. F.	109	370	247	71

\*No record.

Area reported 628 acres.  
Water used 797 A. F.  
Per acre 1.27 A. F.

## DISCHARGE IN SECOND-FEET OF RUTNER CANAL

Diverted from Lodgepole Creek. Docket 345—Date of Priority May 14, 1889. Docket 350—Date of Priority June 4, 1889. Application 718—Date of Priority July 25, 1903 Application 1828—Date of Priority July 14, 1926

Date	1927				
	May	June	July	Aug.	Sept.
1	*	4	5.4	0.0	3.9
2	....	4	5.4	.0	3.9
3	....	4	5.4	.0	3.9
4	....	4	5.4	.0	3.9
5	....	4	5.4	.0	3.9
6	....	4	5.4	.0	3.9
7	....	4	5.4	.0	3.9
8	....	4	5.4	.0	3.9
9	....	4	5.4	.0	3.9
10	....	4	5.4	.0	3.9
11	....	4	5.4	4.7	3.9
12	....	4	5.4	4.7	3.9
13	....	4	5.4	4.7	3.9
14	....	4	5.4	4.7	3.9
15	....	4	5.4	4.7	3.9
16	....	4	5.4	4.7	3.9
17	....	4	5.4	4.7	3.9
18	....	4	5.4	4.7	3.9
19	....	4	5.4	4.7	3.9
20	....	4	5.4	4.7	3.9
21	3.4	4	5.4	3.7	3.9
22	3.4	4	5.4	3.7	3.9
23	3.4	4	5.4	3.7	3.9
24	3.4	4	5.4	3.7	3.9
25	3.4	4	5.4	3.7	3.9
26	3.4	4	5.4	2.3	3.9
27	3.4	4	5.4	2.3	3.9
28	3.4	4	5.4	2.3	3.9
29	3.4	4	5.4	2.3	3.9
30	3.4	4	5.4	2.3	3.9
31	3.4	....	5.4	2.3	....
Mean	3.4	4	5.4	2.5	3.9
Max.	3.4	4	5.4	4.7	3.9
Min.	3.4	4	5.4	.0	3.9
A. F.	73	238	331	156	232

Area reported 248 acres.  
Water used 1030 A. F.  
Per acre 4.15 A. F.

\*No record.

**DISCHARGE IN SECOND-FEET OF SCHERMERHORN CANAL**

Diverted from North Platte River—O. D. Camp Clark Seep. Application 418—O. D. Application 2088—Date of Priority October 25, 1897

Date	1919					1922	
	June	July	Aug.	Sept.	Oct.	Aug.	Sept.
1	*	5	12	20	8	*	12
2	—	5	12	21	8	—	*
3	—	5	12	21	8	—	—
4	—	5	12	21	8	—	—
5	—	6	13	21	8	—	—
6	—	6	14	21	7	—	—
7	—	6	15	21	7	—	—
8	—	6	15	22	7	—	—
9	—	6	15	21	7	—	—
10	—	7	15	21	7	18.8	—
11	—	7	15	20	6	19.5	—
12	—	7	15	19	6	20.0	—
13	—	7	16	18	6	20.0	—
14	—	7	16	17	6	20.5	—
15	—	7	16	16	6	21.0	—
16	—	8	17	15	5	22.0	—
17	—	8	17	15	5	21.7	—
18	—	8	17	14	5	21.0	—
19	—	8	17	14	5	20.5	—
20	3	8	17	13	5	20.0	—
21	4	9	18	12	6	19.5	—
22	4	9	18	11	6	19.0	—
23	4	9	18	11	6	18.5	—
24	4	9	18	11	6	18.0	—
25	4	9	18	10	6	17.0	—
26	5	11	19	9	7	17.0	—
27	5	11	19	8	7	15.0	—
28	5	11	19	8	7	14.0	—
29	5	11	19	8	7	13.0	—
30	5	11	19	8	7	12.5	—
31	—	11	20	—	7	11.5	—
Mean	4	8	16	16	7	18.2	12
Max.	5	11	20	22	8	22.0	12
Min.	3	5	12	8	5	11.5	12
A. F.	95	482	998	926	401	793	23

Area reported 2080 acres.  
Water used 2902 A. F.  
Per acre 1.40 A. F.

Area reported 2080 acres.  
Water used 816 A. F.  
Per acre 0.39 A. F.

**DISCHARGE IN SECOND-FEET OF SHERIDAN-WILSON CANAL**

Diverted from North Platte River. Docket 710—Date of Priority October 9, 1890

Date	1927			
	May	June	July	Aug.
1	2	1	1	3
2	2	1	1	3
3	2	1	1	3
4	2	1	1	3
5	2	1	1	3
6	2	1	1	3
7	2	1	1	3
8	2	1	1	3
9	2	1	1	3
10	2	1	1	3
11	2	1	1	3
12	2	1	1	3
13	2	1	1	3
14	2	1	1	3
15	2	1	1	3
16	2	1	1	1
17	2	1	1	1
18	2	1	1	1
19	2	1	1	1
20	2	1	1	1
21	2	2	1	1
22	2	2	1	1
23	2	2	1	1
24	2	2	1	1
25	2	2	1	1
26	2	2	1	1
27	2	2	1	1
28	2	2	1	1
29	2	2	1	1
30	2	2	1	1
31	2	—	1	1
Mean	2	1	1	2
Max.	2	2	1	3
Min.	2	1	1	1
A. F.	122	79	61	121

Area reported 295 acres.  
Water used 333 A. F.  
Per acre 1.30 A. F.

\*No record.

DISCHARGE IN SECOND-FEET OF SHORT LINE CANAL  
 Diverted from North Platte River. Docket 946—Date of Priority May 1, 1893

Date	1916			1919			1920			
	June	July		June	July	Aug.	June	July	Aug.	Sept.
1	*	12		*	*	*	*	13	13	13
2	9	12						0	13	13
3	9	12						0	11	13
4	9	12						0	13	13
5	9	12						11	11	*
6	6	12						11	11	
7	6	27						9	11	
8	6	27						0	11	
9	9	23						0	11	
10	9	23						9	11	
11	9	23						16	11	
12	6	19						19	11	
13	6	19					13	19	11	
14	9	27					14	19	11	
15	9	27					16	22	0	
16	6	27					16	22	0	
17	9	16					19	22	0	
18	9	16					13	22	0	
19	6	16					13	25	0	
20	6	23					13	16	0	
21	6	23					19	13	0	
22	9	23					16	16	13	
23	9	19					13	22	13	
24	9	19					13	22	11	
25	9	23					13	22	13	
26	9	16					13	22	13	
27	12	12					11	19	13	
28	12	9					11	16	11	
29	12	12					13	16	16	
30	9	16					11	16	16	
31		19						16	13	
Mean	8	19					14	15	9	13
Max.	12	27					19	25	16	13
Min.	6	9					11	0	0	13
A. F.	482	1142		‡500	‡500	‡500	496	902	579	103

Area reported \* 3500 acres.  
 Water used 1624 A. F.  
 Per acre \*.

Area reported 3500 acres.  
 Water used 2080 A. F.  
 Per acre 0.59 A. F.

Date	1921				1922				
	May	June	July	Aug.	June	July	Aug.	Sept.	Oct.
1	*	13	15	14	*	21.5	22.0	4.5	10
2		13	15	14		21.5	21.0	4.0	11
3		13	14	14		21.5	20.5	4.0	12
4		14	14	14		21.5	20.0	3.5	*
5		14	14	14		21.5	19.0	3.0	
6		14	14	13		21.5	18.5	3.0	
7		14	14	13		21.5	18.0	2.5	
8		15	14	13		21.5	17.5	2.0	
9		15	14	13		21.5	17.0	2.0	
10	9	15	14	13		21.5	16.0	1.5	
11	9	15	14	13		21.5	16.0	1.0	
12	9	15	14	13		21.5	16.0	.7	
13	9	16	14	13	10.0	21.5	15.0	.5	
14	9	16	14	13	18.0	21.5	14.0	.0	
15	10	16	14	13	21.5	21.5	13.0	.0	
16	10	16	14	13	21.5	21.5	13.0	.0	
17	10	16	14	13	21.5	21.5	12.0	.0	
18	10	17	14	13	21.5	21.5	12.0	.0	
19	11	17	14	12	21.5	21.5	11.0	.0	
20	11	17	14	11	25.0	21.5	10.5	.0	
21	11	17	14	11	21.5	21.5	10.0	1.0	
22	11	17	14	10	21.5	21.5	9.5	2.0	
23	11	16	14	9	21.5	21.5	9.0	3.0	
24	12	16	14	8	21.5	21.5	8.2	4.0	
25	12	16	14	7	21.5	21.5	8.0	5.0	
26	12	16	14	6	21.5	25.0	7.0	6.0	
27	12	16	14	5	26.6	24.5	7.0	6.5	
28	12	15	14	4	21.5	24.0	6.0	7.0	
29	13	15	14	3	21.5	23.5	5.5	8.0	
30	13	15	14	*	21.5	23.0	5.0	9.0	
31	13		14			22.0	5.0		
Mean	11	15	14	11	21.1	21.9	13.0	2.8	11.0
Max.	13	17	15	14	26.6	25.0	22.0	9.0	12.0
Min.	9	13	14	3	10.0	21.5	5.0	.0	10.0
A. F.	474	912	865	645	755	1347	798	166	65

Area reported 2987 acres.  
 Water used 2896 A. F.  
 Per acre 0.97 A. F.

Area reported 2930 acres.  
 Water used 3131 A. F.  
 Per acre 1.07 A. F.

\*No record. ‡Estimated.

HYDROGRAPHIC REPORT—1928

1217

Short Line Canal from North Platte River—Continued

Date	1923		1924			
	June	July	June	July	Aug.	Sept.
1	0	12	13	54	18	14
2	0	12	13	40	18	14
3	0	12	13	30	18	14
4	0	12	13	20	18	*
5	0	12	13	18	18	....
6	15	12	13	16	18	....
7	15	12	13	16	18	....
8	15	12	13	16	18	....
9	15	12	13	16	18	....
10	15	12	13	16	18	....
11	12	12	13	5	18	....
12	12	12	13	5	18	....
13	12	12	13	5	18	....
14	12	12	13	5	18	....
15	12	12	13	5	18	....
16	12	12	13	15	10	....
17	12	12	13	15	10	....
18	12	12	13	15	10	....
19	12	12	13	15	10	....
20	12	12	13	15	10	....
21	12	30	13	22	8	....
22	12	30	13	22	8	....
23	12	30	13	22	8	....
24	12	30	13	22	8	....
25	12	30	13	22	8	....
26	12	30	13	22	6	....
27	12	30	13	22	6	....
28	12	30	13	22	6	....
29	12	30	13	22	6	....
30	12	30	13	22	6	....
31	....	30	13	22	6	....
Mean	11	18	13	19	13	14
Max.	15	30	13	54	18	14
Min.	0	12	13	5	6	14
A. F.	625	1130	799	1158	785	83

Area reported 2930 acres.  
Water used 1755 A. F.  
Per acre 0.60 A. F.

Area reported 2930 acres.  
Water used 2825 A. F.  
Per acre 0.96 A. F.

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	12	3	17	23	*	30	26	18	18
2	....	12	3	17	23	....	30	26	18	18
3	....	12	3	17	23	....	30	26	18	18
4	....	12	3	17	23	....	30	26	18	18
5	....	12	3	17	23	....	30	26	18	18
6	....	17	37	17	17	....	30	21	18	17
7	....	17	37	17	17	....	30	21	18	17
8	....	17	37	17	17	....	30	21	18	17
9	....	17	37	17	17	....	30	21	18	17
10	....	17	37	17	17	....	30	21	18	17
11	....	17	23	17	17	....	17	21	18	17
12	....	17	23	17	17	....	17	21	18	17
13	....	17	23	17	17	....	17	21	18	17
14	....	17	23	17	17	....	17	21	18	17
15	15	17	23	17	17	....	17	21	18	17
16	15	0	40	17	14	....	0	17	16	16
17	15	0	40	17	14	....	0	17	16	16
18	15	0	40	17	14	....	0	17	16	16
19	15	0	40	17	14	....	0	17	16	16
20	15	0	40	17	14	....	0	17	16	16
21	15	30	27	17	12	....	33	23	16	16
22	15	30	27	17	12	....	33	23	16	16
23	15	30	27	17	12	....	33	23	16	16
24	15	30	27	17	12	....	33	23	16	16
25	15	30	27	17	12	....	33	23	16	16
26	17	10	20	1	12	....	25	33	18	4
27	17	10	20	1	12	....	25	33	18	4
28	17	10	20	1	12	....	25	33	18	4
29	17	10	20	1	12	....	25	33	18	4
30	17	10	20	1	12	....	25	33	18	4
31	17	....	20	1	....	....	25	....	18	4
Mean	16	14	25	14	16	....	25	24	21	15
Max.	17	30	40	17	23	....	25	33	26	18
Min.	15	0	3	1	12	....	25	0	17	4
A. F.	529	853	1527	855	942	....	298	1418	1285	901

Area reported 2924 acres.  
Water used 4706 A. F.  
Per acre 1.61 A. F.  
\*No record.

Area reported 2899 acres.  
Water used 4894 A. F.  
Per acre 1.69 A. F.



Short Line Canal from North Platte River—Continued

Date	1927				1928				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	30	20	22	10	12	13	10	10
2	...	30	20	22	10	12	13	10	10
3	...	30	20	22	10	12	13	10	10
4	...	30	20	22	10	12	13	10	10
5	...	30	20	22	10	12	13	10	10
6	...	30	20	22	10	12	13	10	10
7	...	30	20	22	10	12	13	10	10
8	...	30	20	22	10	12	13	10	10
9	...	30	20	22	10	12	13	10	10
10	...	30	20	22	10	12	13	10	10
11	11	30	20	22	10	12	13	10	10
12	11	30	20	22	10	12	13	10	10
13	11	30	20	22	10	12	13	10	10
14	11	30	20	22	10	12	13	10	10
15	11	30	20	22	10	12	13	10	10
16	11	30	20	22	0	15	15	10	10
17	11	30	20	22	0	15	15	10	10
18	11	30	20	22	0	15	15	10	0
19	11	30	20	22	0	15	15	10	*
20	11	30	20	22	0	15	15	10	...
21	15	25	20	22	0	15	15	10	...
22	15	25	20	22	0	15	15	10	...
23	15	25	20	22	0	15	15	10	...
24	15	25	20	22	0	15	15	10	...
25	15	25	20	22	0	15	15	10	...
26	15	25	20	22	0	15	15	10	...
27	15	25	20	22	0	15	15	10	...
28	15	25	20	22	0	15	15	10	...
29	15	25	20	22	0	15	15	10	...
30	15	25	20	22	0	15	15	10	...
31	...	25	20	...	0	...	15	10	...
Mean	13	28	20	22	5	14	14	10	9
Max.	15	30	20	22	10	15	15	10	10
Min.	11	25	20	22	0	12	13	10	0
A. F.	516	1735	1230	1309	297	803	863	615	337

Area reported 2899 acres.  
 Water used 4790 A. F.  
 Per acre 1.65 A. F.

Area reported 2857 acres.  
 Water used 2915 A. F.  
 Per acre 1.02 A. F.

DISCHARGE IN SECOND-FEET OF SIGNAL BLUFF CANAL

Diverted from North Platte River. Docket 807--Date of Priority January 10, 1895

Date	1919				1925				
	May	June	July	Aug.	May	June	July	Aug.	Sept.
1	*	22	9	12	*	6	13	12	8
2	...	17	10	12	...	6	13	12	8
3	...	17	12	*	...	6	13	12	8
4	...	17	10	...	...	6	13	12	8
5	...	17	17	...	...	6	13	12	8
6	...	17	10	...	...	6	13	12	8
7	...	17	9	...	...	6	13	12	8
8	...	20	9	...	...	6	13	12	8
9	...	25	9	...	...	6	13	12	8
10	...	12	9	...	...	6	13	12	8
11	...	12	9	...	...	0	19	10	8
12	...	12	10	...	...	0	19	10	8
13	...	9	10	...	...	0	19	10	8
14	...	8	9	...	...	0	19	10	8
15	...	3	9	...	...	0	19	10	8
16	...	3	9	...	...	0	19	10	8
17	...	7	9	...	...	0	19	10	8
18	...	12	8	...	...	0	19	10	8
19	...	20	8	...	...	0	19	10	8
20	...	17	8	...	16	0	19	10	8
21	...	17	8	...	16	4	5	8	8
22	...	31	7	...	16	4	5	8	8
23	...	33	5	...	16	4	5	8	8
24	...	31	9	...	16	4	5	8	8
25	...	7	28	4	...	16	4	5	8
26	...	7	27	4	...	16	4	5	8
27	...	7	24	0	...	16	4	5	8
28	...	7	22	0	...	16	4	5	8
29	...	7	9	0	...	16	4	5	8
30	...	17	9	0	...	16	4	5	8
31	...	12	...	0	...	16	...	5	8
Mean	9	17	7	12	16	3	12	10	8
Max.	17	33	17	12	16	6	19	12	8
Min.	7	3	0	12	16	0	5	8	8
A. F.	127	1021	456	47	381	198	744	611	476

Area reported 1236 acres.  
 Water used 1651 A. F.  
 Per acre 1.34 A. F.  
 \*No record.

Area reported 1435 acres.  
 Water used 2410 A. F.  
 Per acre 1.68 A. F.

# HYDROGRAPHIC REPORT—1928

1219

## Signal Bluff Canal from North Platte River—Continued

Date	1926				1927	
	June	July	Aug.	Sept.	June	July
1	0	3	3.5	0.5	8	17
2	0	3	3.5	.5	8	17
3	0	3	3.5	.5	8	17
4	0	3	3.5	.5	8	17
5	0	3	3.5	.5	8	17
6	0	3	3.5	.5	8	17
7	0	3	3.5	.5	8	17
8	0	3	3.5	.5	8	17
9	0	3	3.5	.5	8	17
10	0	3	3.5	.5	8	17
11	0	3	3.5	.5	8	17
12	0	3	3.5	.5	8	17
13	0	3	3.5	.5	8	17
14	0	3	3.5	.5	8	17
15	0	3	3.5	.5	8	17
16	0	3	3.5	.5	8	17
17	0	3	3.5	.5	8	17
18	0	3	3.5	.5	8	17
19	0	3	.0	.5	8	17
20	0	3	.0	.5	8	17
21	8	3	.0	4.6	8	17
22	8	3	.0	4.6	8	17
23	8	3	.0	4.6	8	17
24	8	3	.0	4.6	8	17
25	8	3	.0	4.6	8	17
26	8	3	.0	4.6	8	17
27	8	3	.0	4.6	8	17
28	8	3	.0	4.6	8	17
29	8	3	.0	4.6	8	17
30	8	3	.0	4.6	8	17
31	---	3	.0	---	---	17
Mean	3	3	2.0	1.9	8	17
Max.	8	3	3.5	4.6	8	17
Min.	0	3	.0	.5	8	17
A. F.	159	184	125	111	476	1045

Area reported 1435 acres.  
Water used 579 A. F.  
Per acre 0.40 A. F.

Area reported 1438 acres.  
Water used 1521 A. F.  
Per acre 1.06 A. F.

Date	1928				
	June	July	Aug.	Sept.	Oct.
1	0	0	0	6	8
2	0	0	0	6	8
3	0	0	0	6	8
4	0	0	0	6	8
5	0	0	0	6	8
6	0	0	0	6	8
7	0	0	0	6	8
8	0	0	0	6	8
9	0	0	0	6	8
10	0	0	0	6	8
11	0	0	0	6	8
12	0	0	0	6	8
13	0	0	0	6	8
14	0	0	0	6	8
15	0	0	0	6	8
16	2	0	6	9	8
17	2	0	6	9	8
18	2	0	6	9	8
19	2	0	6	9	8
20	2	0	6	9	8
21	2	2	6	9	8
22	2	2	6	9	8
23	2	2	6	9	8
24	2	2	6	9	8
25	2	2	6	9	8
26	2	2	6	9	8
27	2	2	6	9	8
28	2	2	6	9	8
29	2	2	6	9	8
30	2	2	6	9	8
31	---	2	6	---	8
Mean	1	1	3	7	8
Max.	2	2	6	9	8
Min.	0	0	0	6	8
A. F.	60	44	190	446	492

Area reported 1431 acres.  
Water used 1232 A. F.  
Per acre 0.86 A. F.

STATE OF NEBRASKA

DISCHARGE IN SECOND-FEET OF SIX MILE CANAL										
Diverted from Platte River. Docket 680—Date of Priority October 22, 1894										
Date	1919			1921		1922				
	June	July	Aug.	July	Aug.	May	June	July	Aug.	Sept.
1		*	24			*	12	18.0	8.0	0
2	8		24				12	18.0	8.0	0
3	11		24				12	15.0	8.0	0
4	24		24				12	13.0	8.5	0
5	24		28			11.0	12	10.0	9.0	0
6	28		24			11.0	13	10.0	9.0	0
7	8		28			11.0	14	10.0	9.5	0
8	*		28			11.0	15	10.0	10.0	0
9			28			11.0	16	8.5	9.0	0
10			28			11.0	17	9.5	7.0	0
11			28			11.0	18	9.5	5.0	0
12		24	18			11.0	19	9.5	4.5	0
13		24	18			11.0	20	9.5	4.5	0
14		24	11			11.0	20	9.0	4.0	0
15		24	8			11.0	21	9.0	4.0	0
16		28	5			11.0	22	9.0	3.5	0
17		15	8			11.5	23	9.0	3.0	0
18		15	8			11.5	24	9.0	3.0	0
19		8	24			11.5	25	9.0	3.0	1
20		5	8			11.5	26	9.0	2.5	2
21		5	18			11.5	27	9.0	2.0	3
22		18	*			11.5	28	9.0	2.0	4
23		11				11.5	29	9.0	1.5	6
24		15				11.5	30	9.0	1.5	7
25		4				11.5	28	8.0	1.0	8
26		15				12.0	26	7.5	1.0	9
27		15				12.0	24	7.0	.5	11
28		11				12.0	22	7.0	.0	12
29		4				12.0	20	7.5	.0	0
30		18				12.0	19	8.0	.0	0
31		18				12.0		8.0	.0	
Mean	19	15	20			11.4	20	9.8	4.3	2
Max.	28	28	28			12.0	30	18.0	10.0	12
Min.	8	4	5			11.0	12	7.0	.0	0
A. F.	260	597	821	7793	7793	610	1202	600	263	125
Area reported 958 acres.			Area reported 943 acres.			Area reported 1796 acres.				
Water used 1678 A. F.			Water used 1586 A. F.			Water used 2800 A. F.				
Per acre 1.75 A. F.			Per acre 1.68 A. F.			Per acre 1.56 A. F.				

Date	1923				1924			
	May	June	July	Aug.	June	July	Aug.	Sept.
1	*	0	7	10	6	12	10	3
2		0	7	10	6	12	10	3
3		0	7	10	6	12	10	3
4		0	7	10	6	12	10	3
5		0	7	10	6	12	10	3
6		0	7	13	6	12	10	3
7		0	7	13	6	12	10	3
8		0	7	13	6	12	10	3
9		0	7	13	6	12	10	3
10		0	7	13	6	12	10	3
11		0	7	8	6	12	10	*
12		0	7	8	6	12	10	
13		0	7	8	6	12	10	
14		0	7	8	6	12	10	
15		0	7	8	6	12	10	
16	5	0	7	8	6	12	1	
17	5	0	7	8	6	12	1	
18	5	0	7	8	6	12	1	
19	5	0	7	8	6	12	1	
20	5	0	7	8	6	12	1	
21	5	0	7	4	6	13	4	
22	5	0	7	4	6	13	4	
23	5	0	7	4	6	13	4	
24	5	0	7	4	6	13	4	
25	5	0	7	4	6	13	4	
26	5	0	7	4	6	13	4	
27	5	0	7	4	6	13	4	
28	5	0	7	4	6	13	4	
29	5	0	7	4	6	13	4	
30	5	0	7	4	6	13	4	
31	5		7	4		13	4	
Mean	5	0	7	8	6	12	6	3
Max.	5	0	7	13	6	13	10	3
Min.	5	0	7	4	6	12	1	3
A. F.	158	0	430	474	357	760	395	59
Area reported 1845 acres.				Area reported 1845 acres.				
Water used 1062 A. F.				Water used 1571 A. F.				
Per acre 0.58 A. F.				Per acre 0.85 A. F.				
*No record. †Estimated.								

# HYDROGRAPHIC REPORT—1928

1221

## Six Mile Canal from Platte River—Continued

Date	1925			1926			
	July	Aug.	Sept.	May	June	July	Aug.
1	3	12	3	5	12	0	21
2	3	12	3	5	12	0	21
3	3	12	3	5	12	0	21
4	3	12	3	5	12	0	21
5	3	12	3	5	12	0	21
6	3	12	3	5	24	0	24
7	3	12	3	5	24	0	24
8	3	8	3	5	24	0	24
9	3	8	3	5	24	0	24
10	3	8	3	5	24	0	24
11	0	8	3	5	24	0	24
12	0	8	3	5	24	0	24
13	0	8	3	5	24	0	24
14	0	8	3	5	24	0	24
15	15	8	3	5	24	0	24
16	20	8	3	5	24	0	24
17	20	3	3	5	24	0	24
18	20	8	3	5	24	0	24
19	10	8	3	5	24	0	24
20	10	8	3	5	24	0	24
21	9	8	3	5	24	0	6
22	9	8	3	5	24	0	6
23	9	8	3	5	24	0	6
24	9	8	3	5	0	0	6
25	9	8	3	5	0	0	6
26	11	3	3	5	0	0	18
27	11	3	3	5	0	0	18
28	11	3	3	5	0	0	18
29	11	3	3	5	0	0	18
30	11	3	3	5	0	0	18
31	11	3	....	5	....	0	18
Mean	8	8	3	5	16	0	19
Max.	20	12	3	5	24	0	24
Min.	0	3	3	5	0	0	6
A. F.	468	488	179	307	976	0	1196

Area reported 1066 acres.  
Water used 1135 A. F.  
Per acre 1.06 A. F.

Area reported 1845 acres.  
Water used 2479 A. F.  
Per acre 1.34 A. F.

Date	1927					1928				
	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	0	9	34	1	1	11	0	0	10	13
2	0	12	26	1	1	11	0	0	10	13
3	0	9	25	1	1	11	0	0	10	13
4	0	8	27	1	1	11	0	0	10	13
5	0	6	32	1	1	11	0	0	10	13
6	0	6	31	1	1	11	0	0	10	13
7	0	3	20	1	1	11	0	0	10	13
8	0	5	7	1	1	11	0	0	10	13
9	0	10	6	1	1	11	0	0	10	13
10	0	10	6	1	1	11	0	0	10	13
11	9	9	3	1	1	11	0	0	10	13
12	11	12	3	1	1	11	0	0	10	13
13	12	18	2	1	1	11	0	0	10	13
14	10	14	2	1	1	11	0	0	10	13
15	9	6	2	1	1	11	0	0	10	13
16	12	16	1	1	1	11	0	0	7	13
17	12	14	1	1	1	11	0	0	7	13
18	12	10	1	1	1	11	0	0	7	13
19	14	12	1	1	1	11	0	0	7	13
20	14	10	1	1	1	11	0	0	7	13
21	14	12	1	1	1	11	0	0	7	13
22	14	16	1	1	1	11	0	0	7	13
23	14	20	1	1	1	11	0	0	7	13
24	14	25	1	1	1	11	0	0	7	13
25	14	25	1	1	1	11	0	0	7	13
26	9	25	1	1	1	11	0	0	11	13
27	9	27	1	1	1	11	0	0	11	13
28	4	27	1	1	1	11	0	0	11	13
29	3	27	1	1	1	11	0	0	11	13
30	6	20	1	1	1	11	0	0	11	13
31	....	30	1	....	1	11	....	0	15	....
Mean	7	15	8	1	1	11	0	0	9	13
Max.	14	30	34	1	1	11	0	0	15	13
Min.	0	3	1	1	1	11	0	0	7	13
A. F.	428	898	480	59	60	676	0	0	575	773

Area reported 1776 acres.  
Water used 1925 A. F.  
Per acre 1.08 A. F.

Area reported 1800 acres.  
Water used 2024 A. F.  
Per acre 1.12 A. F.

STATE OF NEBRASKA

DISCHARGE IN SECOND-FEET OF SPOHN CANAL

Diverted from North Platte River. Docket 801—Date of Priority December 6, 1894

Date	1919			1920			1921		
	July	Aug.	Sept.	Aug.	July	Aug.	Sept.		
1	.....	*	25	.....	*	7	0		
2	.....	.....	25	.....	.....	10	0		
3	.....	.....	35	.....	.....	7	0		
4	.....	2	20	.....	.....	4	0		
5	.....	2	20	.....	.....	0	0		
6	.....	13	25	.....	.....	0	0		
7	.....	12	25	.....	.....	0	0		
8	.....	11	25	.....	.....	0	0		
9	.....	10	20	.....	.....	0	0		
10	.....	9	20	.....	.....	6	0		
11	.....	7	20	.....	.....	6	0		
12	.....	5	20	.....	.....	6	0		
13	.....	10	20	.....	.....	8	0		
14	.....	12	20	.....	.....	6	8		
15	.....	12	20	.....	.....	6	*		
16	.....	13	*	.....	.....	6	.....		
17	.....	70	.....	.....	.....	6	.....		
18	.....	0	.....	.....	.....	6	.....		
19	.....	0	.....	.....	.....	11	6		
20	.....	0	.....	.....	.....	13	6		
21	.....	0	.....	.....	.....	13	6		
22	.....	0	.....	.....	.....	13	6		
23	.....	0	.....	.....	.....	16	5		
24	.....	0	.....	.....	.....	11	6		
25	.....	0	.....	.....	.....	9	0		
26	.....	0	.....	.....	.....	9	0		
27	.....	0	.....	.....	.....	16	0		
28	.....	0	.....	.....	.....	17	0		
29	.....	0	.....	.....	.....	12	0		
30	.....	20	.....	.....	.....	7	0		
31	.....	20	.....	.....	.....	6	0		
Mean	.....	6	23	.....	.....	12	4		
Max.	.....	20	35	.....	.....	17	10		
Min.	.....	0	20	.....	.....	6	0		
A. F.	\$500	312	674	256	303	238	16		
Area reported	883 acres.			840 acres.			883 acres.		
Water used	1486 A. F.			256 A. F.			557 A. F.		
Per acre	1.68 A. F.			0.30 A. F.			0.63 A. F.		

Date	1922					1924				
	June	July	Aug.	Sept.	Oct.	June	July	Aug.	Sept.	
1	.....	*	0	3.0	5.5	.....	6	29	14	8
2	.....	.....	0	3.0	7.5	.....	6	29	14	8
3	.....	.....	1	3.0	11.5	.....	6	29	14	8
4	.....	.....	1	3.0	3.0	.....	6	29	14	8
5	.....	.....	4	3.0	4.0	.....	6	29	14	8
6	.....	.....	5	5.5	.5	.....	6	29	14	11
7	.....	.....	7	4.0	.0	.....	6	29	14	11
8	.....	.....	8	5.5	.0	.....	6	29	14	11
9	.....	.....	9	5.0	.0	.....	6	29	14	11
10	.....	.....	12	5.0	.0	.....	6	29	14	11
11	.....	.....	13	4.0	.0	.....	6	11	14	14
12	.....	.....	14	3.0	.0	.....	6	11	14	14
13	.....	.....	16	3.0	.0	.....	6	11	14	14
14	.....	.....	10	2.5	.0	.....	6	11	14	14
15	.....	.....	6	4.0	.0	.....	6	11	14	14
16	.....	.....	3	1.5	.0	.....	6	11	14	12
17	.....	.....	2	1.5	1.0	.....	6	11	14	12
18	.....	.....	3	.6	1.5	.....	6	11	14	12
19	.....	.....	4	1.0	3.0	.....	6	11	14	12
20	.....	.....	4	.5	3.0	.....	6	11	14	12
21	.....	.....	4	1.0	1.5	.....	6	15	14	12
22	.....	.....	3	1.5	1.0	.....	6	15	14	12
23	.....	.....	3	1.0	.0	.....	6	15	14	12
24	.....	.....	8	1.5	.0	.....	6	15	14	12
25	.....	.....	5	1.0	.0	.....	6	15	14	12
26	.....	.....	5	1.4	.0	.....	6	15	9	5
27	.....	.....	10	3.0	.0	.....	6	15	9	5
28	.....	.....	15	1.5	.0	.....	6	15	9	5
29	.....	.....	18	2.5	.0	.....	6	15	9	5
30	.....	.....	32	20	5.0	.....	6	15	9	5
31	.....	.....	3	9.0	.....	.....	.....	15	9	.....
Mean	.....	.....	32	7	2.9	.....	.....	18	13	10
Max.	.....	.....	32	20	9.0	.....	.....	29	14	14
Min.	.....	.....	32	1	.5	.....	.....	11	9	5
A. F.	63	428	178	85	32	357	1121	801	615	
Area reported	862 acres.									858 acres.
Water used	786 A. F.									2894 A. F.
Per acre	0.91 A. F.									3.37 A. F.

\*No record. †Water shut off by water commissioner. §Estimated.

# HYDROGRAPHIC REPORT—1928

1223

## Spohn Canal from North Platte River—Continued

Date	1925					1926			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	3	6	2	2	1	0	13	2
2	....	3	6	2	2	1	0	13	2
3	....	3	6	2	2	1	0	11	2
4	....	3	6	2	2	1	0	11	3
5	....	3	6	2	2	1	0	10	3
6	....	3	6	2	2	0	3	15	3
7	....	3	6	2	2	0	3	15	3
8	....	3	6	2	2	0	3	14	3
9	....	3	6	2	2	0	3	11	3
10	....	3	6	2	2	0	3	10	3
11	....	7	0	4	2	0	4	11	3
12	....	7	0	4	2	0	4	17	3
13	....	7	0	4	2	0	4	19	3
14	....	7	0	4	2	0	4	22	3
15	....	7	0	4	2	0	4	25	3
16	....	7	0	4	2	6	4	27	3
17	....	7	0	4	2	6	4	30	3
18	....	7	0	4	2	6	4	26	3
19	....	7	0	4	2	6	4	23	3
20	....	7	0	4	2	6	4	22	3
21	4	4	0	4	0	0	4	5	3
22	4	4	0	4	0	0	11	1	3
23	4	4	0	4	0	0	8	1	3
24	4	4	0	4	0	0	8	1	0
25	4	4	0	4	0	0	10	1	0
26	4	4	0	4	0	0	11	0	0
27	4	4	0	4	0	0	11	2	0
28	4	4	0	4	0	0	12	4	0
29	4	4	0	4	0	0	12	5	0
30	4	4	0	4	0	0	14	5	0
31	4	....	0	4	—	....	14	4	....
Mean	4	5	2	3	1	1	5	12	2
Max.	4	7	6	4	2	6	14	30	3
Min.	4	3	0	2	0	0	0	0	0
A. F.	87	278	119	206	79	69	337	742	131

Area reported 863 acres.  
Water used 769 A. F.  
Per acre 0.89 A. F.

Area reported 858 acres.  
Water used 1279 A. F.  
Per acre 1.49 A. F.

Date	1927				1928			
	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	0	18	18	8	2	0	0	10
2	0	18	18	8	2	0	0	10
3	0	18	18	8	2	0	0	10
4	0	18	18	8	2	0	0	10
5	0	18	18	8	2	0	0	10
6	0	18	18	8	2	0	0	10
7	0	18	18	8	2	0	0	10
8	0	18	18	8	2	0	0	10
9	0	18	18	8	2	0	0	10
10	0	18	18	8	2	0	0	10
11	0	18	18	8	2	0	7	10
12	0	18	18	8	2	0	7	10
13	0	18	18	8	2	0	7	10
14	0	18	18	8	2	0	7	10
15	0	18	18	8	2	0	7	10
16	0	18	18	8	2	0	7	7
17	0	18	18	8	2	0	7	7
18	0	18	18	8	2	0	7	7
19	0	18	18	8	2	0	7	7
20	0	18	18	8	2	0	7	7
21	0	18	3	8	2	0	3	7
22	0	18	3	8	2	0	2	7
23	0	18	3	8	2	0	2	7
24	0	18	3	8	2	0	1	7
25	0	18	3	8	2	0	0	7
26	0	18	3	8	0	0	1	7
27	0	18	3	8	0	0	1	7
28	25	18	3	8	0	0	1	7
29	25	18	3	8	0	0	1	7
30	25	18	3	8	0	0	1	7
31	....	18	3	....	....	0	1	....
Mean	3	18	13	8	2	0	3	9
Max.	25	18	18	8	2	0	7	10
Min.	0	18	3	8	0	0	0	7
A. F.	149	1107	779	476	99	0	167	506

Area reported 858 acres.  
Water used 2511 A. F.  
Per acre 2.93 A. F.

Area reported 852 acres.  
Water used 772 A. F.  
Per acre 0.91 A. F.

\*No record.

**DISCHARGE IN SECOND-FEET OF STATE LINE AND GILMORE CANAL\***

Diverted from Horse Creek. Application 407—Date of Priority September 10, 1897.  
 Application 983—Date of Priority February 21, 1910. Application 994—Date of  
 Priority April 21, 1910

1920	
Date	Avg.
1	†
2	15
3	20
4	3
5	5
6	5
7	5
8	6
9	8
10	8
11	11
12	11
13	11
14	11
15	11
16	11
17	8
18	5
19	3
20	5
21	6
22	8
23	11
24	8
25	11
26	8
27	11
28	†
29	—
30	....
31	....
Mean	9
Max.	20
Min.	3
A. F.	446

## Area reported:

A. 407 State Line Canal.....	100 acres
A. 983 Gilmore Canal.....	205 acres
A. 994 State Line Canal.....	80 acres

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 385 acres

Water used 446 A. F.

Per acre 1.16 A. F.

\*Joint Canal. †No record.

# HYDROGRAPHIC REPORT—1928

1225

## DISCHARGE IN SECOND-FEET OF STEAMBOAT CANAL

Diverted from North Platte River, Application 186—Date of Priority October 27, 1886, Application 350—Date of Priority July 22, 1896

Date	1925				1926	
	June	July	Aug.	Sept.	July	Aug.
1	0.0	1.0	4.0	0.7	*	0
2	.0	1.0	4.0	.7	....	0
3	.0	1.0	4.0	.7	....	0
4	.0	1.0	4.0	.7	....	0
5	.0	1.0	.6	.7	....	0
6	.0	1.0	.6	.7	....	0
7	.0	1.0	.6	.7	....	0
8	.0	1.0	.6	.7	....	0
9	.0	1.0	.6	.7	....	0
10	.0	1.0	.6	.7	....	0
11	.0	1.3	.0	.0	....	0
12	.0	1.3	.0	.0	....	0
13	.0	1.3	.0	.0	....	0
14	.0	1.3	.0	.0	....	2
15	.0	1.3	.0	.0	....	2
16	5.5	1.3	.0	.0	....	2
17	5.5	1.3	.0	.0	....	2
18	5.5	1.3	.0	.0	....	2
19	5.5	1.3	.0	.0	....	2
20	5.5	.0	.0	.0	0.0	2
21	5.5	.0	.0	.0	0.0	2
22	5.5	.0	.0	.0	3.5	2
23	5.5	.0	.0	.0	3.5	2
24	.0	.0	.0	.0	3.5	2
25	.0	.0	.0	.0	3.5	2
26	.0	.0	.0	.0	0.0	2
27	.0	.0	.0	.0	0.0	2
28	.0	.0	.0	.0	0.0	2
29	.0	.0	.0	.0	0.0	2
30	.0	.0	.0	.0	0.0	2
31	....	.0	.0	....	0.0	2
Mean	1.5	0.7	0.6	0.2	1.2	1
Max.	5.5	1.3	4.0	.7	3.5	2
Min.	.0	.0	.0	.0	0.0	0
A. F.	87	43	39	14	28	71
Area reported 493 acres.				Area reported 433 acres.		
Water used 183 A. F.				Water used 99 A. F.		
Per acre 0.37 A. F.				Per acre 0.23 A. F.		

Date	1927	1928
	Aug.	Aug.
1	*	0
2	....	0
3	....	0
4	....	0
5	....	0
6	....	0
7	....	0
8	....	0
9	....	0
10	....	0
11	0	0
12	13	0
13	13	0
14	13	0
15	13	0
16	13	3
17	13	3
18	13	3
19	13	3
20	13	3
21	2	3
22	2	3
23	2	3
24	2	3
25	2	3
26	2	3
27	2	3
28	2	3
29	2	3
30	2	3
31	2	3
Mean	7	2
Max.	13	3
Min.	0	0
A. F.	276	95
Area reported 493 acres.		Area reported * acres.
Water used 276 A. F.		Water used 95 A. F.
Per acre 0.56 A. F.		Per acre * A. F.
*No record.		



DISCHARGE IN SECOND-FEET OF SUBURBAN CANAL

Diverted from North Platte River. Docket 662—Date of Priority May 22, 1894

Date	1919				1921	
	June	July	Aug.	Sept.	July	Aug.
1	....	....	70	46	*	41
2	....	....	66	46	....	41
3	....	....	62	33	....	41
4	....	....	58	6	....	41
5	....	....	54	6	....	40
6	....	....	50	5	....	40
7	....	....	46	4	....	40
8	....	....	70	4	....	40
9	....	....	95	4	....	40
10	....	....	95	11	....	40
11	....	....	81	32	....	40
12	....	....	70	32	....	40
13	....	....	57	32	....	40
14	....	....	33	*	43	40
15	....	....	12	....	43	40
16	....	....	12	....	43	40
17	....	....	32	....	43	40
18	....	....	46	....	43	40
19	....	....	48	....	43	40
20	....	....	50	....	43	40
21	....	....	54	....	42	40
22	....	....	56	....	42	40
23	....	....	59	....	42	40
24	....	....	63	....	42	40
25	....	....	67	....	42	40
26	....	....	70	....	42	39
27	....	....	57	....	42	39
28	....	....	46	....	42	39
29	....	....	46	....	41	39
30	....	....	57	....	41	39
31	....	....	57	....	41	39
Mean	....	....	56	20	42	40
Max.	....	....	95	46	43	41
Min.	....	....	12	4	41	39
A. F.	‡2000	‡3000	3449	517	1507	2455
Area reported 7806 acres.				Area reported 8081 acres.		
Water used 8966 A. F.				Water used 3962 A. F.		
Per acre 1.15 A. F.				Per acre 0.49 A. F.		

Date	1922					1923					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	*	14	13	33	58	*	6	0	30	30	36
2	....	14	10	32	59	....	6	0	30	30	36
3	9	13	5	31	59	....	6	0	30	30	36
4	9	13	10	30	50	....	6	0	30	30	*
5	9	13	14	30	51	....	6	0	30	30	....
6	10	13	18	29	48	....	6	5	26	22	....
7	10	13	22	28	45	....	6	5	26	22	....
8	10	13	27	27	42	....	6	5	26	22	....
9	10	15	30	22	40	....	6	5	26	22	....
10	11	17	35	18	38	....	6	5	26	22	....
11	11	19	35	13	35	....	0	15	24	34	....
12	11	20	34	44	33	....	0	15	24	34	....
13	11	21	34	5	30	....	0	15	24	34	....
14	12	25	33	8	27	....	0	15	24	34	....
15	12	27	32	10	25	....	0	15	24	34	....
16	12	28	32	12	23	6	0	30	24	34	....
17	12	30	31	14	20	6	0	30	24	34	....
18	13	32	31	16	17	6	0	30	24	34	....
19	13	34	30	19	15	6	0	30	24	34	....
20	13	34	30	22	14	6	0	30	24	34	....
21	13	35	29	24	11	6	0	40	34	34	....
22	14	36	29	26	10	6	0	40	34	34	....
23	14	37	30	28	8	6	0	40	34	34	....
24	14	38	31	32	7	6	0	40	34	34	....
25	14	39	32	34	6	6	0	40	34	34	....
26	15	39	33	36	5	6	0	57	34	34	....
27	14	35	34	39	5	6	0	57	34	34	....
28	14	30	35	41	5	6	0	50	34	34	....
29	14	24	36	46	5	6	0	40	34	34	....
30	14	20	35	46	5	6	0	35	34	34	....
31	14	....	34	47	....	6	....	35	34	....	36
Mean	12	25	28	27	27	6	2	23	29	31	36
Max.	15	39	36	47	59	6	6	57	34	34	36
Min.	9	13	5	5	5	6	0	0	24	22	36
A. F.	698	1470	1714	1670	1579	190	119	1436	1773	1864	214
Area reported 7648 acres.					Area reported 8031 acres.						
Water used 7131 A. F.					Water used 5596 A. F.						
Per acre 0.93 A. F.					Per acre 0.70 A. F.						
*No record. †Estimated.											

Suburban Canal from North Platte River—Continued

Date	1924					1925				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	11	36	69	55	2	2	64	77	25
2	....	11	36	69	55	2	2	64	77	25
3	....	11	36	69	55	2	2	64	77	25
4	....	11	36	69	55	2	2	64	77	25
5	....	11	36	69	55	2	2	64	77	25
6	....	11	36	69	55	8	2	64	77	25
7	....	11	36	69	55	8	2	64	77	25
8	....	11	36	69	55	8	2	64	77	25
9	....	11	36	69	55	8	2	64	77	25
10	....	11	36	69	55	8	0	64	77	25
11	....	11	36	69	40	8	64	92	77	52
12	....	11	36	69	40	8	64	92	77	52
13	....	11	36	69	40	8	64	92	77	52
14	....	11	36	69	40	8	64	92	77	52
15	....	11	36	69	40	8	64	92	77	52
16	21	11	36	48	40	0	64	92	30	52
17	21	11	36	48	40	0	64	92	30	52
18	21	11	36	48	40	0	64	92	30	52
19	21	11	36	48	40	0	64	92	30	52
20	21	11	36	48	40	0	64	92	30	52
21	21	11	63	48	10	0	11	80	30	52
22	21	11	63	48	10	0	11	80	30	52
23	21	11	63	48	10	0	11	80	30	52
24	21	11	63	48	10	0	11	80	30	52
25	21	11	63	48	10	0	11	80	12	52
26	21	11	63	55	10	0	11	80	12	52
27	21	11	63	55	10	0	11	80	12	52
28	21	11	63	55	10	0	11	80	12	52
29	21	11	63	55	10	0	11	80	12	52
30	21	11	63	55	10	0	11	80	12	52
31	21	....	63	55	....	0	....	80	12	....
Mean	21	11	46	60	35	3	26	79	49	43
Max.	21	11	63	69	55	8	64	92	77	52
Min.	21	11	36	48	10	0	0	64	12	25
A. F.	666	655	2802	3660	2083	178	1523	4840	3029	2559

Area reported 7725 acres.

Water used 9867 A. F.

Per acre 1.28 A. F.

Area reported 7731 acres.

Water used 12129 A. F.

Per acre 1.57 A. F.

Date	1926					1927				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	48	43	31	106	79	40	17	55	32	52
2	48	43	31	106	79	40	17	55	32	52
3	48	43	31	106	79	40	17	55	32	52
4	48	43	31	106	79	40	17	55	32	52
5	48	43	31	106	79	40	17	55	32	52
6	48	43	31	106	79	40	17	55	32	52
7	48	43	31	106	79	40	17	55	32	52
8	48	43	31	106	79	40	17	55	32	52
9	48	43	31	106	79	40	17	55	32	52
10	48	43	31	106	79	40	17	55	32	52
11	48	43	31	106	79	23	17	55	32	52
12	48	43	31	106	79	23	17	55	32	52
13	48	43	31	106	79	23	17	55	32	52
14	48	43	31	106	79	23	17	55	32	52
15	48	43	31	106	79	23	17	55	32	52
16	48	43	31	10	79	23	17	58	32	52
17	48	43	31	10	79	23	17	58	32	52
18	48	43	31	10	79	23	17	58	32	52
19	48	43	31	10	79	23	17	58	32	52
20	48	43	31	10	79	23	17	58	32	52
21	48	7	31	10	10	23	79	81	50	52
22	48	7	31	10	10	23	79	81	50	52
23	48	7	31	10	10	23	79	81	50	52
24	48	7	31	10	10	23	79	81	50	52
25	48	7	31	10	10	23	79	81	50	52
26	48	7	110	10	10	23	79	81	50	52
27	48	7	110	10	10	23	79	81	50	52
28	48	7	110	10	0	23	79	81	50	52
29	48	7	110	10	0	23	79	81	50	52
30	48	7	110	10	0	23	79	81	50	52
31	48	....	110	10	....	23	....	81	50	....
Mean	48	31	46	56	55	28	38	65	38	52
Max.	48	43	110	106	79	40	79	81	50	52
Min.	48	7	31	10	0	23	17	55	32	52
A. F.	2951	1845	2846	3471	3273	1751	2241	3978	2360	3094

Area reported 7731 acres.

Water used 14386 A. F.

Per acre 1.86 A. F.

\*No record.

Area reported 7445 acres.

Water used 13424 A. F.

Per acre 1.80 A. F.

## Suburban Canal from North Platte River—Continued

Date	1928				
	May	June	July	Aug.	Sept.
1	0	130	18	4	65
2	0	130	18	26	65
3	0	130	18	6	65
4	0	186	18	4	65
5	0	186	18	6	65
6	0	63	18	26	65
7	0	63	18	22	65
8	0	63	18	26	65
9	0	63	18	36	65
10	0	63	18	42	65
11	0	63	18	42	65
12	0	63	18	30	65
13	0	63	18	10	65
14	0	63	18	10	65
15	0	63	18	110	65
16	0	15	18	154	14
17	0	15	18	194	14
18	0	15	18	194	14
19	0	15	18	186	14
20	0	15	18	130	14
21	0	15	108	138	14
22	0	15	108	100	14
23	0	15	108	46	14
24	0	15	72	2	14
25	0	15	6	72	14
26	42	15	36	108	14
27	42	15	76	160	14
28	42	15	56	138	14
29	42	15	46	114	14
30	80	15	64	100	14
31	80	.....	2	100	.....
Mean	11	54	34	75	39
Max.	80	186	108	194	65
Min.	0	15	2	2	14
A. F.	651	3207	2067	4633	2350

Area reported 7236 acres.  
Water used 12908 A. F.  
Per acre 1.78 A. F.

**DISCHARGE IN SECOND-FEET OF THIRTY MILE CANAL**  
Diverted from Platte River. Application 1853—Date of Priority September 7, 1926  
Application 1976—Date of Priority December 13, 1927

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	16	154	68	146	49	136
2	26	150	66	165	49	117
3	26	106	76	160	49	120
4	26	100	72	151	50	126
5	22	102	73	155	73	130
6	62	126	86	138	73	136
7	0	75	83	124	104	136
8	28	60	93	165	131	124
9	62	58	103	120	115	136
10	58	38	89	130	118	139
11	68	32	92	160	137	150
12	70	30	104	165	123	151
13	86	39	100	164	138	150
14	200	30	68	152	120	170
15	150	32	75	133	120	126
16	136	32	83	165	120	150
17	135	30	104	167	120	139
18	130	39	92	178	100	157
19	136	26	150	206	108	150
20	150	26	112	104	120	144
21	145	26	185	32	123	126
22	142	26	192	0	124	117
23	136	26	200	0	120	118
24	130	26	170	0	110	90
25	142	38	206	24	123	95
26	156	52	185	26	137	110
27	156	56	200	29	137	108
28	83	58	203	30	136	117
29	232	57	132	38	117	118
30	230	66	178	45	117	117
31	104	.....	205	45	.....	105
Mean	105	57	126	107	109	129
Max.	232	154	206	206	138	170
Min.	0	26	66	0	49	90
A. F.	6132	3404	7734	6579	6468	7950

Area reported 22855 acres.  
Water used 38567 A. F.  
Per acre 1.69 A. F.

# HYDROGRAPHIC REPORT—1928

1229

**DISCHARGE IN SECOND-FEET OF TRINNIER CANAL**  
 Diverted from Greenwood Creek. Docket 849—Date of Priority April 6, 1891  
 Application 1531—Date of Priority August 18, 1919

Date	1919			
	June	July	Aug.	Sept.
1	*	7	9	4
2	---	7	9	4
3	---	7	9	4
4	---	7	9	4
5	---	7	9	4
6	---	7	9	4
7	---	7	9	4
8	---	7	9	4
9	---	7	9	4
10	---	7	9	4
11	---	7	9	4
12	---	7	9	4
13	---	7	9	4
14	---	7	7	*
15	---	7	7	---
16	---	7	7	---
17	---	7	5	---
18	---	7	5	---
19	---	7	5	---
20	---	7	5	---
21	---	7	5	---
22	---	7	5	---
23	---	7	5	---
24	---	7	5	---
25	---	7	5	---
26	---	7	5	---
27	7	7	5	---
28	7	7	5	---
29	7	7	5	---
30	7	7	5	---
31	---	7	4	---
Mean	7	7	7	4
Max.	7	7	9	4
Min.	7	7	4	4
A. F.	56	430	421	103

Area reported 362 acres.  
 Water used 1010 A. F.  
 Per acre 3.00 A. F.

Date	1920		
	June	July	Aug.
1	*	9	5
2	---	9	5
3	---	9	6
4	---	9	5
5	---	9	5
6	---	9	5
7	---	9	5
8	---	9	0
9	---	9	0
10	---	9	0
11	---	9	0
12	---	9	0
13	---	0	0
14	---	0	0
15	---	0	1
16	---	0	1
17	---	0	1
18	---	0	1
19	---	0	0
20	---	0	0
21	---	3	3
22	---	3	3
23	9	5	0
24	9	5	0
25	9	5	0
26	9	5	0
27	9	5	0
28	9	0	0
29	9	0	0
30	9	0	0
31	---	0	0
Mean	9	4	1
Max.	9	9	6
Min.	9	0	0
A. F.	143	276	91

Area reported 246 acres.  
 Water used 510 A. F.  
 Per acre 2.07 A. F.

Date	1921					
	May	June	July	Aug.	Sept.	Oct.
1	*	0.0	7.6	6.0	0.0	1.7
2	---	.0	7.6	5.5	1.7	1.7
3	---	.0	7.6	5.1	1.7	1.7
4	---	.0	7.6	5.1	1.7	*
5	---	.0	7.6	4.7	1.7	---
6	---	.0	7.6	4.7	1.7	---
7	---	.0	7.1	4.7	1.7	---
8	---	.0	7.0	5.0	1.7	---
9	---	.0	7.0	5.0	1.7	---
10	7.0	.0	6.5	5.0	1.7	---
11	6.0	.0	6.0	6.0	2.0	---
12	5.0	.0	7.0	6.0	2.3	---
13	6.0	.0	7.1	6.0	2.8	---
14	7.0	.0	7.6	6.5	3.0	---
15	1.7	.0	7.1	6.5	4.0	---
16	6.0	.0	7.1	7.0	3.0	---
17	3.2	.0	7.0	7.0	1.3	---
18	2.0	.0	7.0	7.0	1.3	---
19	2.0	.0	6.5	7.5	1.5	---
20	2.0	.0	6.0	7.1	1.5	---
21	4.7	.0	6.0	7.1	1.5	---
22	4.7	.0	6.0	7.1	1.6	---
23	4.7	.0	6.0	1.3	1.6	---
24	4.7	.0	5.5	1.3	1.6	---
25	4.7	5.5	7.0	1.3	1.7	---
26	6.0	4.0	6.0	.0	1.7	---
27	5.1	3.8	6.0	.0	1.7	---
28	5.1	6.5	4.7	.0	1.7	---
29	5.1	7.0	3.2	.0	1.7	---
30	5.1	7.6	6.0	.0	1.7	---
31	.0	---	7.0	.0	---	---
Mean	4.4	1.1	6.6	4.4	1.8	1.7
Max.	7.0	7.6	7.6	7.5	4.0	1.7
Min.	.0	.0	3.2	.0	.0	1.7
A. F.	194	68	406	268	108	10

Area reported 246 acres.  
 Water used 1054 A. F.  
 Per acre 4.28 A. F.

\*No record.

Date	1922		
	June	July	Aug.
1	*	4.8	5.9
2	6.2	4.8	5.4
3	6.2	4.8	5.9
4	6.1	4.8	6.0
5	6.2	4.8	6.2
6	6.2	5.0	6.0
7	6.2	4.8	6.1
8	6.1	4.8	6.4
9	6.1	4.5	6.4
10	6.2	4.5	6.4
11	6.2	4.5	6.4
12	5.8	4.5	6.4
13	6.2	4.5	6.2
14	6.2	4.5	6.2
15	6.2	3.8	6.3
16	6.0	4.0	6.3
17	5.2	6.4	6.4
18	5.2	5.9	6.4
19	5.2	5.9	6.2
20	3.8	5.9	6.2
21	3.8	5.9	6.2
22	3.8	6.4	6.2
23	4.0	6.4	6.4
24	4.0	6.4	6.2
25	5.8	6.4	6.0
26	4.8	6.4	5.9
27	4.8	6.4	6.2
28	4.8	6.4	*
29	4.8	6.4	---
30	4.8	6.2	---
31	---	6.0	---
Mean	5.4	5.4	6.2
Max.	6.2	6.4	6.4
Min.	3.8	3.8	5.4
A. F.	311	332	332

Area reported 491 acres.  
 Water used 975 A. F.  
 Per acre 1.99 A. F.

STATE OF NEBRASKA

DISCHARGE IN SECOND-FEET OF TRI-STATE CANAL  
 Diverted from North Platte River. Docket 918—Date of Priority September 13, 1887  
 Application 600—Date of Priority April 14, 1902

Date	1916					1919				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	600	950	1020	697	*	1285	1245	1070	700
2	....	640	963	980	597	....	1245	1245	1070	745
3	....	680	950	980	597	....	1200	1245	1070	745
4	....	680	1014	980	597	....	1200	1245	1070	780
5	....	720	*	980	597	....	940	1245	1070	760
6	....	760	1057	840	579	....	940	1245	895	745
7	....	760	1078	840	562	....	940	1245	875	725
8	407	800	1095	840	562	....	940	1245	875	720
9	439	828	1095	720	562	....	940	1245	850	635
10	512	828	*	720	562	....	940	1245	940	635
11	562	948	....	720	562	285	940	1245	900	635
12	634	660	1078	720	562	1150	940	1245	920	*
13	672	660	*	720	562	1255	940	1175	1000	....
14	672	660	....	740	537	1150	940	1245	1025	....
15	672	660	....	660	537	990	980	1245	1025	....
16	710	....	....	660	537	745	1025	1130	940	....
17	710	612	1057	660	537	1255	1110	1090	940	....
18	734	612	*	660	537	835	1110	1070	940	....
19	734	616	1035	660	537	1025	1110	1070	940	....
20	672	560	1035	660	537	1000	765	1070	800	....
21	634	600	1035	660	470	1000	725	980	810	....
22	634	600	1035	660	470	950	1025	960	810	....
23	634	....	1035	370	470	950	1170	915	810	....
24	562	680	1035	660	470	915	1070	890	745	....
25	592	720	1035	660	470	1025	1110	940	745	....
26	512	760	1057	660	470	1025	1175	1045	745	....
27	512	800	1078	660	470	1070	1200	1045	745	....
28	512	820	1078	660	445	1175	1200	1070	745	....
29	512	860	1035	660	445	1245	1200	1070	745	....
30	512	920	1078	660	445	1245	1220	1070	725	....
31	562	....	....	660	....	1245	....	1070	700	....
Mean	596	716	1041	743	529	1025	1051	1132	888	711
Max.	734	948	1095	1020	597	1255	1285	1245	1070	780
Min.	407	607	950	660	445	285	725	890	700	635
A. F.	28381	39757	45438	45680	31502	42714	62530	69601	54625	15521
Total	190758	A. F.				Total	244991	A. F.		

Date	1921					1922					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	330	410	1090	1150	1030	*	800	1280	920	900	720
2	330	410	1100	1150	980	....	800	1280	920	870	620
3	340	360	1100	1120	1070	....	800	1280	920	800	600
4	450	360	1100	1120	1090	....	800	1280	920	840	600
5	480	410	1120	1020	1070	....	800	1280	960	900	600
6	510	360	1120	1020	900	....	800	1280	1040	440	440
7	530	360	1120	1020	1000	....	800	1240	1040	780	*
8	580	360	1120	1020	1050	....	880	1240	1040	720	....
9	700	380	1120	1020	1050	165	920	1240	1120	670	....
10	750	410	1120	1050	1050	165	920	1240	1120	800	....
11	850	460	1150	1090	1050	140	1010	1240	1120	880	....
12	880	480	1150	1120	860	165	1080	1240	1120	840	....
13	880	480	1150	1120	850	165	1160	1240	1120	840	....
14	880	480	1150	1100	900	370	1000	1240	1207	840	....
15	880	510	1150	1080	830	370	1160	1240	1200	840	....
16	880	550	1150	1150	730	370	1200	1240	1200	830	....
17	880	550	1150	1180	730	370	1200	1240	1200	840	....
18	880	580	1150	1180	750	370	1200	1240	1200	830	....
19	730	630	1150	1150	700	440	1200	1240	1180	560	....
20	680	650	1150	1180	680	480	1200	1280	1200	760	....
21	680	650	1150	1180	630	560	1200	1200	1200	840	....
22	680	650	1150	1180	580	580	1200	1180	1140	840	....
23	680	700	1150	1180	560	560	1240	1000	1120	840	....
24	680	780	1150	1180	580	640	1240	1000	1160	840	....
25	610	820	1150	1180	480	680	1240	880	1200	800	....
26	550	830	1150	1180	480	720	1240	800	940	760	....
27	550	910	1150	1150	480	720	1240	800	940	760	....
28	550	950	1150	1120	480	700	1240	920	940	730	....
29	550	980	1150	1090	480	800	1240	920	940	640	....
30	550	1050	1150	970	480	800	1240	920	940	760	....
31	410	....	1150	970	....	800	....	920	760	....	....
Mean	642	584	1137	1110	787	484	1068	1149	1065	786	697
Max.	880	1050	1150	1180	1090	800	1240	1280	1200	900	720
Min.	330	360	1090	970	480	140	890	800	760	440	440
A. F.	39491	34731	69938	68272	46811	22076	63571	70652	65495	46791	7101
Total	259243	A. F.				Total	276686	A. F.			

\*No record.

Tri-State Canal from North Platte River—Continued

Date	1923					1924				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	630	1240	870	950	*	820	170	1320	1350
2	....	690	1260	0	930	....	700	880	1320	1350
3	....	790	1260	0	970	....	700	1080	1320	1350
4	....	710	1260	0	980	....	700	1130	1260	1350
5	....	790	1280	870	1030	....	700	1180	1260	1350
6	....	790	1260	0	1070	....	700	1180	1260	1350
7	....	830	1260	0	1070	....	700	1240	1180	1350
8	....	830	1100	0	1030	....	700	1260	1180	1350
9	....	830	1260	0	1030	....	600	1260	1180	1350
10	120	830	1260	870	930	....	600	1290	1180	1350
11	120	710	1300	870	990	....	600	1320	1180	1290
12	120	710	1300	0	1045	....	600	1320	1130	1180
13	120	710	1260	0	1045	....	600	1320	1130	1180
14	120	0	1030	870	1045	....	600	1320	1130	1080
15	120	710	480	770	1045	....	600	1320	1160	1030
16	120	710	480	730	1030	....	700	1320	1180	940
17	120	750	710	770	990	....	820	1320	1240	820
18	120	750	710	770	950	....	880	1350	1240	940
19	120	750	750	770	910	....	1060	1320	1240	600
20	120	750	790	770	910	540	1080	1320	1240	325
21	160	750	790	770	910	600	1130	1320	1240	417
22	235	890	890	770	790	420	1180	1320	1290	417
23	260	870	870	790	0	420	1180	1320	1320	361
24	260	950	870	850	0	840	1240	1320	1320	306
25	260	990	830	870	0	840	1240	1320	1320	265
26	260	1050	890	870	0	920	1240	1320	1320	166
27	325	1100	870	870	0	940	1240	1320	1320	108
28	325	1100	890	870	0	940	1240	1320	1320	106
29	400	1100	870	850	0	940	1240	1320	1350	106
30	490	1380	870	890	0	940	940	1320	1350	0
31	490	.....	870	910	.....	920	.....	1320	1350	.....
Mean	218	815	992	588	724	773	878	1239	1253	838
Max.	490	1380	1300	910	1070	940	1240	1320	1350	1350
Min.	120	0	480	730	0	420	600	170	1130	0
A. F.	9491	48496	60973	36179	43082	18367	52226	76206	77019	49859
Total	198221 A.	F.				Area reported 64305 acres. Water used 273677 A. F. Per acre 4.26 A. F.				

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	35	820	1220	840	950	0	1060	790	1210	995
2	35	950	1170	840	1010	0	1060	890	1210	1210
3	35	660	1220	840	1060	251	1060	1000	1210	1210
4	25	770	1220	910	1060	365	950	1120	1210	1210
5	15	960	1220	910	1140	365	950	1120	1210	1300
6	0	950	1220	1170	1140	465	850	1170	1250	1300
7	200	860	1220	1220	1140	562	850	1210	1250	1300
8	330	365	1220	1220	1140	562	850	1210	1250	1210
9	330	430	1220	1220	1140	407	850	1210	1250	1140
10	330	700	1220	1220	1140	428	850	1170	1300	1140
11	430	910	1170	1220	1140	407	850	1120	1300	1040
12	400	910	1170	1220	1140	512	850	1040	1300	1040
13	320	910	1170	1220	980	512	850	1080	1300	1040
14	460	780	1170	1220	950	634	760	1120	1300	1040
15	400	910	1170	1220	910	634	760	1120	1300	1040
16	540	910	1170	1110	910	650	0	1120	1300	1040
17	200	910	1170	980	820	650	0	1120	1300	1040
18	445	910	1170	980	720	650	0	1120	1300	1040
19	535	1200	1170	910	720	750	0	1120	1300	1040
20	600	860	1220	910	720	750	0	1210	1300	1040
21	660	860	1170	980	720	750	0	1210	1300	1040
22	660	860	1170	980	640	750	0	1210	1300	1040
23	535	950	1170	980	640	750	0	1210	1345	1040
24	400	1010	1170	980	640	860	0	1210	1345	930
25	275	1010	1170	980	560	1070	0	1210	1345	280
26	180	1060	1170	1010	500	1070	0	1210	1345	252
27	200	950	1170	1010	395	1070	480	1210	1345	224
28	150	1110	950	910	300	1070	600	1210	1345	196
29	480	1110	840	860	0	1070	700	1120	1100	163
30	735	1170	1010	780	0	1070	780	1120	995	140
31	1060	.....	840	910	.....	1070	.....	1120	995	.....
Mean	355	892	1153	1025	809	650	532	1132	1262	924
Max.	1060	1200	1220	1220	1140	1070	1060	1210	1345	1300
Min.	0	365	840	840	0	0	0	790	995	140
A. F.	21819	53088	70870	62996	48130	39975	31657	69621	77574	54992
Area reported 64721 acres. Water used 256903 A. F. Per acre 3.97 A. F.						Area reported 64721 acres. Water used 273819 A. F. Per acre 4.23 A. F.				

\*No record.

Tri-State Canal from North Platte River—Continued

Date	1927					1928					Oct.
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	0	825	1130	1230	1080	512	995	680	820	0	756
2	0	825	1130	1020	1060	597	995	0	910	995	710
3	0	825	1130	950	1130	597	995	0	1010	1175	710
4	0	825	1130	980	1080	668	930	0	1050	1280	735
5	0	825	1130	980	1280	671	820	220	1050	1340	710
6	0	825	1130	880	870	671	780	580	1090	1340	766
7	0	825	1130	880	910	650	820	735	1150	1340	672
8	0	825	1130	640	980	650	820	725	1150	1340	756
9	0	825	1100	870	1130	800	820	970	425	1300	598
10	0	825	1230	880	1280	860	820	995	510	1340	621
11	0	910	1230	825	1280	860	735	1150	615	1340	562
12	0	910	1280	870	1280	930	735	1200	1090	1340	562
13	0	940	1280	870	1280	930	735	1200	1090	1300	562
14	0	940	1280	880	1280	930	820	1280	1200	1340	*
15	0	910	1280	880	1280	930	820	1280	1225	1340	.....
16	0	940	1340	790	1280	930	820	1280	1280	1340	.....
17	0	960	1390	790	1280	930	650	1280	1235	1340	.....
18	0	940	1390	880	1280	930	650	1280	1280	1340	.....
19	0	940	1390	910	1280	930	650	1280	1280	1280	.....
20	0	920	1390	1080	1020	835	650	1280	1340	1300	.....
21	0	910	1390	1100	670	735	650	1150	1340	1295	.....
22	325	940	1390	1060	560	735	650	890	1340	1300	.....
23	325	910	1370	1020	620	735	650	910	1340	1360	.....
24	325	940	1280	980	590	735	650	950	1340	1300	.....
25	420	940	1280	1130	670	735	650	890	1340	1340	.....
26	450	940	1280	1130	670	835	650	735	1340	1340	.....
27	640	980	1280	1130	670	835	680	680	1280	1280	.....
28	640	1100	1280	1170	630	835	680	0	1280	1360	.....
29	655	825	1280	1230	410	835	0	0	1280	1280	.....
30	710	1130	1340	1230	200	890	680	550	1340	1160	.....
31	710	.....	1230	1230	.....	890	.....	720	1000	.....	.....
Mean	168	906	1259	985	968	794	733	800	1130	1258	665
Max.	710	1130	1390	1230	1280	930	995	1280	1340	1340	756
Min.	0	825	1130	640	200	512	0	0	425	0	0
A. F.	10314	53902	77396	60546	57581	48806	43637	49211	69482	74827	17137

Area reported 65104 acres.  
Water used 259739 A. F.  
Per acre 3.99 A. F.

Area reported 65520 acres.  
Water used 303100 A. F.  
Per acre 4.63 A. F.

DISCHARGE IN SECOND-FEET OF TRI-STATE CANAL

Diverted from Sheep Creek. Applications 1176 and 1398 O. D. Docket 918—Date of Priority September 16, 1887

Date	1915				1919				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	47.7	26.5	33.3	31.0	*	19	35	47	57
2	47.7	26.5	33.3	31.0	.....	19	35	47	56
3	47.7	31.0	33.3	31.0	.....	20	36	48	53
4	47.7	31.0	33.3	31.0	.....	20	37	48	52
5	47.7	31.0	27.2	47.7	.....	21	37	49	51
6	47.7	31.0	36.6	47.7	.....	21	38	50	49
7	47.7	31.0	36.6	47.7	.....	22	39	50	47
8	47.7	31.0	36.6	47.7	.....	22	40	51	46
9	47.7	31.0	36.6	34.1	.....	23	41	51	44
10	47.7	31.0	36.6	34.1	.....	23	42	52	42
11	31.0	31.0	36.6	34.1	.....	24	42	52	42
12	31.0	31.0	36.6	34.1	.....	24	42	53	42
13	31.0	31.0	36.6	34.1	.....	25	43	54	*
14	31.0	31.0	36.6	34.0	.....	25	44	54	.....
15	31.0	31.0	36.6	34.0	.....	25	45	55	.....
16	31.0	33.3	36.6	34.1	.....	26	46	56	.....
17	31.0	33.3	36.6	34.1	.....	26	46	56	.....
18	31.0	33.3	36.6	34.1	.....	27	47	57	.....
19	31.0	33.3	36.6	34.1	.....	27	48	57	.....
20	31.0	33.3	36.6	34.1	.....	28	49	58	.....
21	27.2	19.5	41.6	34.9	14	28	49	59	.....
22	27.2	19.5	41.6	34.9	14	28	50	59	.....
23	27.2	19.5	41.6	34.9	15	29	51	60	.....
24	27.2	19.5	41.6	34.9	15	29	50	60	.....
25	27.2	19.5	41.6	34.9	16	30	49	61	.....
26	26.5	34.9	36.5	34.9	17	31	48	62	.....
27	26.5	34.9	36.5	34.9	17	32	47	62	.....
28	26.5	34.9	36.5	34.9	18	33	46	61	.....
29	26.5	33.0	31.0	34.9	18	34	45	60	.....
30	26.5	33.0	31.0	*	18	34	45	59	.....
31	.....	35.0	31.0	.....	19	34	46	58	.....
Mean	35.2	29.8	36.1	35.8	17	26	44	55	48
Max.	47.7	34.9	41.6	47.7	19	34	51	62	57
Min.	26.5	19.5	27.2	31.0	14	19	35	47	42
A. F.	2094	1833	2220	2059	359	1605	2694	3384	1152

Water used 8236 A. F.  
\*No record.

Water used 9194 A. F.

HYDROGRAPHIC REPORT—1928

1233

Tri-State Canal from Sheep Creek—Continued

Date	1921					1922				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	61	77	48	61	79	*	75	50	58	85
2	62	78	48	62	79	....	72	51	58	83
3	62	79	48	62	79	....	42	51	58	80
4	63	49	48	63	79	....	43	51	58	79
5	63	80	48	63	79	....	42	52	58	77
6	64	80	48	64	79	....	41	53	59	76
7	65	80	48	64	79	....	42	54	59	75
8	65	81	49	65	79	....	42	55	59	74
9	66	80	49	65	79	....	42	56	59	72
10	66	77	50	66	79	....	45	56	59	71
11	67	75	50	67	79	....	45	57	59	69
12	67	72	51	67	79	....	37	58	59	68
13	68	70	51	68	79	....	42	58	59	65
14	68	68	52	68	79	....	86	57	59	72
15	69	65	52	69	80	....	57	57	59	80
16	69	63	53	69	80	....	53	56	59	85
17	70	61	53	70	80	....	60	56	59	93
18	70	59	54	70	80	....	64	55	59	101
19	71	56	54	71	80	....	52	55	59	100
20	71	54	55	71	80	....	52	55	59	88
21	72	52	55	72	80	....	52	56	59	97
22	72	50	56	73	80	....	46	47	59	95
23	73	49	56	73	80	....	46	57	60	94
24	73	49	57	74	80	....	46	57	70	94
25	74	49	58	75	80	50	46	58	75	92
26	74	49	58	75	80	51	47	58	83	90
27	75	49	59	77	80	53	48	58	93	89
28	76	49	59	77	80	57	48	58	92	*
29	76	49	60	78	81	76	49	58	91	....
30	77	48	60	78	81	40	49	59	90	....
31	77	....	60	78	....	50	....	59	86	....
Mean	69	63	53	70	80	54	50	55	66	83
Max.	77	81	60	78	81	76	86	59	93	101
Min.	61	48	48	61	79	50	51	50	58	65
A. F.	4256	3763	3267	4274	4737	748	2997	3408	4032	4451
Water used	20297 A. F.					15636 A. F.				

Date	1923					1924				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0.0	51.9	82.4	92.5	140	*	66	0	80	107
2	.0	51.9	82.4	92.5	140	....	66	0	80	107
3	.0	51.9	82.4	92.5	140	....	66	90	80	107
4	.0	51.9	82.4	92.5	140	....	66	90	80	107
5	.0	51.9	82.4	92.5	140	....	66	90	80	107
6	.0	51.9	82.4	92.5	140	....	66	90	80	107
7	.0	51.9	82.4	92.5	140	....	66	90	80	107
8	.0	51.9	82.4	92.5	140	....	66	90	80	107
9	.0	51.9	82.4	92.5	140	....	66	90	80	107
10	64.5	51.9	82.4	92.5	140	....	66	90	80	107
11	64.5	.0	82.4	92.5	140	....	66	90	62	50
12	64.5	.0	82.4	92.5	140	....	66	90	62	50
13	64.5	.0	82.4	92.5	140	....	66	90	62	50
14	64.5	.0	.0	92.5	140	....	66	90	62	50
15	64.5	.0	.0	92.5	140	....	66	90	62	50
16	64.5	.0	.0	92.5	140	....	66	86	62	0
17	64.5	.0	.0	92.5	140	....	66	86	62	0
18	64.5	.0	82.4	92.5	140	....	66	86	62	0
19	64.5	.0	82.4	92.5	140	....	66	86	62	0
20	64.5	51.9	82.4	92.5	140	64	66	86	62	0
21	64.5	51.9	82.4	92.5	140	64	66	86	95	0
22	64.5	51.9	82.4	92.5	140	64	66	86	95	0
23	64.5	51.9	82.4	92.5	140	64	66	86	95	0
24	64.5	51.9	82.4	92.5	140	64	66	86	95	0
25	64.5	51.9	82.4	92.5	140	64	66	86	95	0
26	64.5	51.9	82.4	92.5	140	64	66	86	95	0
27	64.5	51.9	82.4	92.5	0	64	66	86	95	0
28	64.5	51.9	82.4	92.5	0	64	66	86	95	0
29	64.5	51.9	82.4	92.5	0	64	66	86	95	0
30	64.5	51.9	82.4	92.5	0	64	66	86	95	0
31	64.5	....	82.4	92.5	....	64	....	86	95	....
Mean	45.8	36.3	71.8	92.5	121	64	66	82	80	44
Max.	64.5	51.9	82.4	92.5	140	64	66	90	95	107
Min.	.0	.0	.0	92.5	0	64	66	0	62	0
A. F.	2815	2162	4413	5688	7220	1523	3927	5050	4889	2618
Water used	22298 A. F.					18007 A. F.				

\*No record.



STATE OF NEBRASKA

Tri-State Canal from Sheep Creek—Continued

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0.0	63.6	82.3	81.6	87.7	0	81	78	85	63
2	.0	63.6	82.3	81.6	87.7	0	81	78	85	63
3	.0	63.6	82.3	81.6	87.7	0	81	78	85	63
4	.0	63.8	82.3	81.6	87.7	0	81	78	85	63
5	.0	63.6	82.3	81.6	87.7	0	81	78	85	63
6	.0	63.6	60.4	81.6	87.7	0	81	78	85	63
7	.0	63.6	60.4	81.6	87.7	0	81	78	85	63
8	.0	63.6	60.4	81.6	87.7	0	81	78	85	63
9	.0	63.6	60.4	81.6	87.7	0	81	78	85	63
10	.0	63.6	60.4	81.6	87.7	0	81	78	85	63
11	.0	55.6	60.4	81.6	87.7	0	0	75	85	63
12	.0	55.6	60.4	81.6	87.7	0	0	75	85	63
13	.0	55.6	60.4	81.6	87.7	0	0	75	85	63
14	.0	55.6	60.4	81.6	87.7	0	0	75	85	63
15	.0	55.6	60.4	81.6	87.7	0	0	75	85	63
16	87.9	55.6	91.7	81.6	87.7	0	0	75	85	63
17	87.9	55.6	91.7	81.6	87.7	0	0	75	85	63
18	87.9	55.6	91.7	81.6	87.7	0	0	75	85	63
19	87.9	55.6	91.7	81.6	87.7	0	0	75	85	63
20	87.9	55.6	91.7	81.6	87.7	0	0	75	85	63
21	87.9	55.6	91.7	81.6	87.7	0	0	75	75	63
22	87.9	55.6	91.7	81.6	87.7	0	0	75	75	63
23	87.9	55.6	91.7	81.6	87.7	0	0	75	75	63
24	87.9	55.6	91.7	81.6	87.7	0	0	75	75	63
25	87.9	55.6	91.7	81.6	87.7	0	0	75	75	63
26	87.9	55.6	91.7	81.6	87.7	0	81	75	75	63
27	87.9	55.6	91.7	81.6	87.7	0	81	75	75	63
28	87.9	55.6	91.7	81.6	87.7	0	81	75	75	63
29	87.9	55.6	91.7	81.6	.0	0	81	75	75	63
30	87.9	55.6	91.7	81.6	.0	0	.....	75	75	.....
31	87.9	.....	91.7	81.6	.....	0	38	76	81	63
Mean	45.4	58.3	80.1	81.6	81.9	0	81	78	85	63
Max.	87.9	63.6	91.7	81.6	87.7	0	0	75	75	63
Min.	.0	55.6	60.4	81.6	.0	0	.....	75	75	.....
A. F.	2790	3467	4924	5018	4871	0	2249	4671	5008	3749
Water used	21070 A. F.					15677 A. F.				

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	0	96	71	60	139	0
2	0	96	71	60	139	0
3	0	96	71	60	139	0
4	0	96	71	60	139	0
5	0	96	71	60	139	0
6	0	96	71	60	139	0
7	0	96	71	60	139	0
8	0	96	71	60	139	0
9	0	96	71	60	139	0
10	0	96	71	60	139	0
11	0	96	71	60	139	0
12	0	96	71	60	139	0
13	0	96	71	60	139	0
14	0	96	71	60	139	0
15	0	96	71	60	139	0
16	0	96	71	60	139	0
17	0	96	71	60	139	0
18	0	96	71	60	139	0
19	0	96	71	60	139	0
20	0	96	71	60	139	0
21	0	96	71	113	139	0
22	0	96	71	113	139	0
23	0	96	71	113	139	0
24	0	96	71	113	139	0
25	0	96	71	113	139	0
26	0	96	71	113	139	0
27	0	96	71	113	139	0
28	75	96	71	113	139	0
29	75	96	71	113	139	0
30	75	96	71	113	139	0
31	75	.....	71	113	.....	0
Mean	10	96	71	79	139	0
Max.	75	96	71	113	139	0
Min.	0	96	71	60	139	0
A. F.	595	5712	4365	4845	8271	0
Water used	23788 A. F.					

Tri-State Canal from Sheep Creek—Continued

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	0	73	85	95	90	97
2	0	73	85	95	90	97
3	0	73	85	95	90	97
4	0	73	85	95	90	97
5	0	73	85	95	90	97
6	0	73	85	95	90	97
7	0	73	85	95	90	97
8	0	73	85	95	90	97
9	0	73	85	95	90	97
10	0	73	85	0	90	97
11	0	73	85	0	90	97
12	0	73	85	95	90	97
13	0	73	85	95	90	97
14	0	73	85	95	90	0
15	0	73	85	95	90	0
16	0	73	93	95	97	0
17	0	73	93	95	97	0
18	0	73	93	95	97	0
19	0	73	93	95	97	0
20	0	73	93	95	97	0
21	0	80	93	95	97	0
22	0	80	93	95	97	0
23	0	80	93	95	97	0
24	0	80	93	95	97	0
25	0	80	93	95	97	0
26	0	80	93	95	97	0
27	0	80	93	95	97	0
28	90	80	93	95	97	0
29	80	80	93	95	97	0
30	90	80	93	95	97	0
31	90	---	93	95	---	0
Mean	11	75	89	89	94	41
Max.	90	80	93	95	97	97
Min.	0	73	85	0	90	0
A. F.	694	4483	5489	5465	5564	2501
Water used 24187 A. F.						

DISCHARGE IN SECOND-FEET OF TRI-STATE CANAL

Diverted from Spotted Tail Creek, Dry. Docket 918—Date of Priority September 16, 1887. Application 660—Date of Priority April 14, 1902

Date	1914				1915		
	July	Aug.	Sept.	Oct.	June	July	Aug.
1	5.2	10.8	14.2	12.1	6.0	6.0	11.6
2	5.2	10.8	14.2	12.1	6.0	6.0	11.6
3	5.2	10.8	14.2	12.1	6.0	5.3	11.6
4	5.2	10.8	14.2	9.7	6.0	5.3	11.6
5	.0	10.8	14.2	9.7	6.0	5.3	11.6
6	.0	10.8	14.2	9.7	6.0	5.3	*
7	.0	10.8	14.2	9.7	6.0	5.3	.....
8	.0	10.8	11.6	9.7	6.0	5.3	.....
9	.0	10.8	11.6	9.7	6.0	5.3	.....
10	7.0	10.8	11.6	9.7	6.0	5.3	.....
11	7.0	10.8	12.9	9.2	6.0	7.8	.....
12	7.0	10.8	12.9	9.2	6.0	7.8	.....
13	7.0	10.8	12.9	9.2	6.0	7.8	.....
14	7.0	10.8	12.9	9.2	6.0	7.8	.....
15	7.0	10.8	12.9	9.2	6.0	7.8	.....
16	7.0	.0	12.9	8.8	6.0	7.8	.....
17	7.0	.0	12.9	8.8	6.0	7.8	.....
18	.0	.0	12.9	8.8	6.0	7.8	.....
19	.0	.0	12.9	8.8	6.0	7.8	.....
20	.0	.0	12.9	8.8	6.0	7.8	.....
21	.0	.0	12.9	8.8	6.0	7.8	.....
22	.0	.0	12.9	8.8	6.0	7.8	.....
23	.0	12.9	12.9	8.8	6.0	7.8	.....
24	.0	12.9	12.9	8.8	6.0	7.8	.....
25	.0	12.9	12.9	8.8	6.0	7.8	.....
26	.0	12.9	12.9	8.8	6.0	.0	.....
27	7.0	12.9	12.9	8.8	6.0	.0	.....
28	7.0	14.9	12.9	8.8	6.0	11.7	.....
29	7.0	14.9	12.9	8.8	6.0	11.7	.....
30	7.0	14.9	12.0	8.8	6.0	11.7	.....
31	10.8	14.9	.....	.0	.....	11.7	.....
Mean	3.8	9.2	13.1	9.1	6.0	7.0	11.6
Max.	10.8	14.9	14.2	12.1	6.0	11.7	11.6
Min.	.0	.0	11.6	.0	6.0	.0	11.6
A. F.	230	567	777	559	357	432	115
Water used 2133 A. F.							
*No record. Water used 904 A. F.							

DISCHARGE IN SECOND FEET OF TRI-STATE CANAL

Diverted from Spotted Tail, Wet. Docket 918—Date of Priority September 16, 1887  
 Application 690—Date of Priority April 14, 1902

Date	1915						1919				
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	6	6.0	6.3	9.4	14.4	11	*	10	12	16	18
2	6	6.0	6.3	9.4	14.4	11	—	10	12	16	18
3	6	6.0	6.7	9.9	14.8	11	—	10	12	16	19
4	6	6.0	6.7	10.3	14.8	11	—	10	12	16	19
5	6	6.0	6.7	10.3	15.3	11	—	10	12	16	20
6	6	6.0	6.7	11.6	15.3	11	—	10	13	16	20
7	6	6.0	6.7	11.6	15.3	11	—	10	13	16	20
8	6	6.0	6.7	11.6	16.3	11	—	10	13	16	21
9	6	6.0	6.7	11.6	16.3	11	—	10	13	16	21
10	6	6.0	6.7	12.7	16.3	11	—	10	13	16	21
11	6	6.0	6.7	12.7	16.3	11	—	10	14	15	22
12	6	6.0	6.7	12.0	16.8	11	—	10	14	15	22
13	6	6.0	6.7	12.0	16.8	11	—	10	14	15	*
14	6	6.0	6.7	12.0	16.8	11	—	10	14	15	—
15	6	6.0	6.7	12.0	16.8	11	—	10	14	14	—
16	6	6.0	6.7	12.0	14.4	11	—	10	15	15	—
17	6	6.0	6.7	12.0	14.8	11	—	10	15	15	—
18	6	6.0	6.7	12.5	14.4	11	—	10	15	15	—
19	6	6.0	6.7	12.5	14.4	11	—	10	15	15	—
20	6	6.0	6.7	13.9	13.4	11	—	10	15	15	—
21	6	6.0	6.7	13.9	13.4	11	—	11	15	15	—
22	6	6.0	6.7	13.4	13.9	11	—	11	15	15	—
23	6	6.0	6.7	13.4	13.4	11	—	11	15	15	—
24	6	6.0	6.7	13.4	13.9	11	—	11	15	16	—
25	6	6.0	7.0	13.4	14.4	11	—	10	11	16	—
26	6	6.0	7.0	13.0	14.8	11	—	10	11	16	—
27	6	6.0	7.0	13.0	14.8	11	—	10	11	16	—
28	6	6.3	7.4	12.5	14.8	11	—	10	11	16	—
29	6	6.3	7.4	12.5	14.8	11	—	10	11	16	—
30	6	6.3	7.4	12.0	14.8	11	—	10	11	16	—
31	6	—	7.4	14.4	—	11	—	10	—	16	—
Mean	6	6.0	6.8	12.2	15.1	11	—	10	10	14	16
Max.	6	6.3	7.4	14.4	16.8	11	—	10	11	16	18
Min.	6	6.0	6.3	9.4	13.4	11	—	10	10	12	14
A. F.	369	359	416	748	896	677	139	615	877	968	478
Water used	3465	A. F.					3077	A. F.			

Date	1921					1923			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	5	7	7	10	20	0	7.8	22.1	20.8
2	5	7	7	10	19	0	7.8	22.1	20.8
3	5	7	7	10	19	0	7.8	22.1	20.8
4	5	7	7	10	19	0	7.8	22.1	20.8
5	5	7	7	11	19	0	9.0	22.1	20.8
6	5	7	7	11	19	0	9.0	22.1	20.8
7	5	8	7	11	19	0	9.9	22.1	20.8
8	5	8	8	11	19	0	9.9	22.1	20.8
9	5	8	8	11	19	0	9.9	22.1	20.8
10	5	7	8	11	19	0	9.9	22.1	22.1
11	4	7	8	12	19	0	11.1	22.1	22.1
12	4	7	8	13	19	0	11.1	22.1	22.1
13	4	7	8	14	19	0	12.0	22.1	22.1
14	5	7	8	14	18	0	12.0	20.8	22.1
15	5	7	8	15	18	0	13.4	20.8	22.1
16	5	7	9	15	18	0	13.4	20.8	22.1
17	5	7	9	16	18	0	14.4	20.8	22.1
18	5	7	9	17	18	0	15.8	20.8	22.1
19	5	7	9	18	18	0	16.8	20.8	22.1
20	5	7	9	18	18	0	19.4	20.8	22.1
21	5	7	9	19	18	0	22.1	20.8	22.1
22	6	6	9	19	18	6	22.1	20.8	22.1
23	6	6	9	19	18	6	22.1	20.8	22.1
24	6	7	9	19	18	6	22.1	20.8	22.1
25	6	7	10	19	18	6	22.1	20.8	22.1
26	6	7	10	19	18	6	22.1	20.8	22.1
27	6	7	10	19	17	6	22.1	20.8	22.1
28	6	7	10	19	17	6	22.1	20.8	22.1
29	6	7	10	19	18	6	22.1	20.8	22.1
30	6	7	10	19	18	6	22.1	20.8	22.1
31	7	—	10	20	—	—	22.1	20.8	—
Mean	5	7	9	15	18	2	15.6	21.3	21.7
Max.	7	8	10	20	20	6	22.1	22.1	22.1
Min.	4	6	7	10	17	0	7.8	20.8	20.8
A. F.	323	418	524	928	1094	107	935	1312	1292
Water used	3287	A. F.				3646	A. F.		

\*No record.

Tri-State Canal from Spotted Tail, Wet—Continued

Date	1924					1925				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	11	40	24	37	10	17	12	20	27
2	0	11	40	24	37	10	17	12	20	27
3	0	11	40	24	37	10	17	12	20	27
4	0	11	40	24	37	10	17	12	20	27
5	0	11	40	24	37	10	17	12	20	27
6	0	11	26	24	37	10	17	19	20	27
7	0	11	26	24	37	10	17	19	20	27
8	0	11	26	24	37	10	17	19	20	27
9	0	11	26	24	37	10	17	19	20	27
10	0	11	26	24	37	10	17	19	20	27
11	5	11	26	24	37	14	9	19	20	27
12	5	11	26	24	37	14	9	19	20	27
13	5	11	26	24	37	14	9	19	20	27
14	5	11	26	24	37	14	9	19	20	27
15	5	11	26	24	37	14	9	19	20	27
16	5	11	20	24	37	14	9	20	20	27
17	5	11	20	24	37	14	9	20	20	27
18	5	11	20	24	37	14	9	20	20	27
19	5	11	20	24	37	14	9	20	20	27
20	5	11	20	24	37	14	9	20	20	27
21	8	20	20	24	37	14	9	20	20	36
22	8	20	20	24	37	14	9	20	20	36
23	8	20	20	24	37	14	9	20	20	36
24	8	20	20	24	37	14	9	20	20	36
25	8	20	20	24	37	14	9	20	20	36
26	8	20	18	24	37	14	9	20	20	36
27	8	20	18	24	37	14	9	20	20	36
28	8	20	18	24	37	14	9	20	20	36
29	8	20	18	24	37	14	9	20	20	36
30	8	20	18	24	37	14	9	20	20	36
31	8	18	24	37	14	9	20	20	36	---
Mean	4	14	25	24	37	13	12	18	20	30
Max.	8	20	40	24	37	14	17	20	20	36
Min.	0	11	18	24	37	10	9	12	20	27
A. F.	274	833	1523	1476	2202	781	694	1130	1230	1785
Water used	6308	A. F.				5620	A. F.			

Date	1926					1927				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	11	10	26	27	34	0	11	12	32	23
2	11	10	26	27	34	0	11	12	32	23
3	11	10	26	27	34	0	11	12	32	23
4	11	10	26	27	34	0	11	12	32	23
5	11	10	26	27	34	0	11	12	32	23
6	11	10	26	27	34	0	11	12	32	23
7	11	10	26	27	34	0	11	12	32	23
8	11	10	26	27	34	0	11	12	32	23
9	11	10	26	27	34	0	11	12	32	23
10	11	10	26	27	34	0	11	12	32	23
11	11	10	26	27	34	0	11	12	29	23
12	11	10	26	27	34	0	11	12	29	23
13	11	10	26	27	34	0	11	12	29	23
14	11	10	26	27	34	0	11	12	29	23
15	11	10	26	27	34	0	11	12	29	23
16	11	10	26	27	34	15	11	12	29	23
17	11	10	26	27	34	15	11	12	29	23
18	11	10	26	27	34	15	11	12	29	23
19	11	10	26	27	34	15	11	12	29	23
20	11	10	26	27	34	15	11	12	29	23
21	11	10	17	19	34	15	11	12	29	23
22	11	10	17	19	34	15	11	12	29	23
23	11	10	17	19	34	15	11	12	29	23
24	11	10	17	19	34	15	11	12	29	23
25	11	10	17	19	34	15	11	12	29	23
26	11	10	17	19	34	15	11	12	29	23
27	11	10	17	19	34	15	11	12	29	23
28	11	10	17	19	34	15	11	12	29	23
29	11	10	17	19	34	15	11	12	29	23
30	11	10	17	19	34	15	11	12	29	23
31	11	10	17	19	34	15	11	12	29	23
Mean	11	10	23	24	34	8	11	12	30	23
Max.	11	10	26	27	34	15	11	12	32	23
Min.	11	10	17	19	34	0	11	12	29	23
A. F.	676	595	1402	1485	2023	476	654	737	1842	1368
Water used	6181	A. F.				5077	A. F.			

Tri-State Canal from Spotted Tail, Wet—Continued

Date	1928					
	May	June	July	Aug.	Sept.	Oct.
1	12	10	10	43	15	35
2	12	10	10	43	15	35
3	12	10	10	43	15	35
4	12	10	10	43	15	35
5	12	10	10	43	15	35
6	12	10	10	43	15	20
7	12	10	10	43	15	20
8	12	10	10	43	15	20
9	12	10	10	43	15	20
10	12	10	10	43	15	20
11	12	10	10	43	15	15
12	12	10	10	43	15	15
13	12	10	10	43	15	15
14	12	10	10	43	15	*
15	12	10	10	43	15	....
16	12	10	36	28	15	....
17	12	10	36	28	15	....
18	12	10	36	28	15	....
19	12	10	36	28	15	—
20	12	10	36	28	15	....
21	12	10	36	28	35	—
22	12	10	36	28	35	....
23	12	10	36	28	35	....
24	12	10	36	28	35	....
25	12	10	36	28	35	....
26	12	10	36	28	35	....
27	12	10	36	28	35	....
28	12	10	36	28	35	....
29	12	10	36	28	35	—
30	12	10	36	28	35	—
31	12	....	36	28	....	....
Mean	12	10	23	35	22	25
Max.	12	10	36	43	35	35
Min.	12	10	10	28	15	15
A. F.	738	595	1440	2168	1290	635
Water used	6866 A. F.					

DISCHARGE IN SECOND FEET OF TRI-STATE CANAL

Diverted from Tub Springs Docket 918—Date of Priority September 16, 1887  
 Application 660—Date of Priority April 14, 1902

Date	1915				1922				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0.0	13.4	17.2	20.8	*	21	21	21	25
2	.0	13.4	17.2	20.8	....	21	21	21	25
3	.0	13.4	17.2	20.8	....	21	21	21	25
4	.0	13.4	20.2	20.8	....	21	21	22	25
5	.0	13.4	20.2	20.8	....	21	21	23	25
6	11.8	14.4	23.3	21.4	....	21	21	22	25
7	11.8	14.4	23.3	21.4	....	21	21	22	25
8	11.8	14.4	23.3	21.4	....	21	21	22	25
9	11.8	14.4	23.3	21.4	....	21	21	22	25
10	11.8	14.4	23.3	21.4	21	21	21	23	25
11	11.8	13.9	22.0	22.0	21	21	22	23	25
12	11.8	13.9	22.0	22.0	21	21	22	23	25
13	11.8	13.9	22.0	22.0	21	21	22	23	24
14	11.8	13.9	22.0	22.0	21	21	22	24	24
15	11.8	13.9	20.8	22.0	21	21	22	24	24
16	11.8	15.0	20.8	19.6	21	21	22	24	24
17	11.8	15.0	20.8	19.6	21	21	22	24	24
18	11.8	15.0	20.8	19.6	21	21	21	24	24
19	11.8	15.0	20.8	19.6	21	21	20	24	24
20	11.8	15.0	20.8	19.6	21	21	20	25	23
21	11.8	14.4	20.8	19.6	21	21	19	25	22
22	11.8	14.4	20.8	19.6	21	21	19	25	22
23	11.8	14.4	20.8	19.6	21	21	19	25	21
24	11.8	14.4	20.8	19.6	21	21	20	25	20
25	11.8	14.4	20.8	19.6	21	21	20	25	20
26	13.4	15.5	21.4	19.6	21	21	20	25	19
27	13.4	15.5	21.4	19.6	21	21	20	25	19
28	13.4	15.5	21.4	19.6	21	21	20	26	19
29	13.4	15.5	21.4	19.6	21	21	20	26	19
30	13.4	15.5	21.4	19.6	21	21	20	25	19
31	.....	15.5	21.4	.....	21	....	21	24	....
Mean	10.1	14.5	21.1	20.5	21	21	21	24	23
Max.	13.4	15.5	23.3	22.0	21	21	22	26	25
Min.	.0	13.4	17.2	19.6	958	21	19	21	19
A. F.	601	888	1297	1220	958	1250	1277	1454	1371
Water used	4006 A. F.				6310 A. F.				

\*No record.

# HYDROGRAPHIC REPORT—1928

1239

## Tri-Stat Canal from Tub Springs—Continued

Date	1923					1924			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	0.0	0.0	13.1	0.0	0.0	27	27	18	18
2	.0	.0	13.1	.0	.0	27	27	18	18
3	.0	10.3	13.1	.0	.0	27	27	18	18
4	.0	10.3	13.1	.0	.0	27	27	18	18
5	.0	10.3	13.1	.0	.0	27	27	18	18
6	.0	10.3	13.1	.0	.0	27	27	18	18
7	.0	10.3	13.1	.0	.0	27	27	18	18
8	.0	10.3	13.1	.0	.0	27	27	18	18
9	.0	10.3	13.1	.0	.0	27	27	18	18
10	.0	10.3	13.1	.0	.0	27	27	18	18
11	.0	.0	13.1	.0	.0	27	27	18	18
12	.0	.0	13.1	.0	.0	27	27	18	18
13	.0	.0	13.1	.0	.0	27	27	18	18
14	.0	.0	13.1	.0	.0	27	27	18	18
15	.0	.0	.0	.0	.0	27	27	18	18
16	.0	.0	.0	.0	.0	27	27	18	18
17	.0	.0	.0	.0	.0	27	27	18	18
18	.0	.0	.0	.0	.0	27	27	18	18
19	.0	.0	.0	.0	.0	27	27	18	18
20	.0	.0	.0	.0	.0	27	27	18	18
21	.0	.0	.0	.0	.0	27	27	18	18
22	.0	.0	.0	.0	.0	20	18	18	18
23	.0	.0	.0	.0	.0	20	18	18	18
24	.0	.0	.0	.0	.0	20	18	18	18
25	.0	.0	.0	.0	.0	20	18	18	18
26	.0	.0	.0	.0	.0	20	27	18	18
27	.0	.0	.0	.0	.0	20	27	18	18
28	.0	13.2	.0	.0	.0	20	27	18	18
29	.0	13.2	.0	.0	.0	20	27	18	18
30	.0	13.2	.0	.0	.0	20	27	18	18
31	.0	.....	.0	.0	.....	.....	.....	.....	.....
Mean	0.0	4.1	5.9	0.0	0.0	25	26	18	18
Max.	.0	13.2	13.1	.0	.0	27	27	18	18
Min.	.0	.0	.0	.0	.0	20	18	18	18
A. F.	0	242	364	0	0	1482	1589	1107	1071
Water used	606	A. F.				Water used	5249	A. F.	

Date	1925				1926				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	11.8	18.1	22.5	26.4	0	0	20	17	0
2	11.8	18.1	22.5	26.4	0	0	20	17	0
3	11.8	18.1	22.5	26.4	0	0	20	17	0
4	11.8	18.1	22.5	26.4	0	0	20	17	0
5	11.8	18.1	22.5	26.4	0	0	20	17	0
6	11.8	18.1	22.5	26.4	0	0	20	17	0
7	11.8	18.1	22.5	26.4	0	0	20	17	0
8	11.8	18.1	22.5	26.4	0	0	20	17	0
9	11.8	18.1	22.5	26.4	0	0	20	17	0
10	11.8	18.1	22.5	26.4	0	0	20	17	0
11	13.2	19.4	22.5	26.4	0	0	20	17	0
12	13.2	19.4	22.5	26.4	0	0	20	17	0
13	13.2	19.4	22.5	26.4	0	0	20	17	0
14	13.2	19.4	22.5	26.4	0	0	20	17	0
15	13.2	19.4	22.5	26.4	0	0	20	17	0
16	13.2	19.4	22.5	26.4	0	0	20	17	0
17	13.2	19.4	22.5	26.4	0	0	20	17	0
18	13.2	19.4	22.5	26.4	0	0	20	17	0
19	13.2	19.4	22.5	26.4	0	0	20	17	0
20	13.2	19.4	22.5	26.4	0	0	20	17	0
21	13.2	20.8	22.5	26.4	0	0	13	16	0
22	13.2	20.8	22.5	26.4	0	0	13	16	0
23	13.2	20.8	22.5	26.4	0	0	13	16	0
24	13.2	20.8	22.5	26.4	0	0	13	16	0
25	13.2	20.8	22.5	26.4	0	0	13	16	0
26	13.2	20.8	22.5	26.4	0	0	13	16	0
27	13.2	20.8	22.5	26.4	0	0	13	16	0
28	13.2	20.8	22.5	26.4	0	0	13	16	0
29	13.2	20.8	22.5	26.4	0	0	13	16	0
30	13.2	20.8	22.5	26.4	0	0	13	16	0
31	.....	22.5	22.5	.....	0	.....	13	16	.....
Mean	12.7	19.5	22.5	26.4	0	0	18	17	0
Max.	13.2	22.5	22.5	26.4	0	0	20	17	0
Min.	11.8	18.1	22.5	26.4	0	0	13	16	0
A. F.	758	1201	1383	1571	0	0	1077	1023	0
Water used	4913	A. F.			Water used	2100	A. F.		

STATE OF NEBRASKA

Tri-State Canal from Tub Springs--Continued

Date	1928				
	June	July	Aug.	Sept.	Oct.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	30
8	0	0	0	0	30
9	0	0	0	0	30
10	0	0	0	0	30
11	0	0	0	0	30
12	0	0	0	0	30
13	0	0	0	0	30
14	0	0	0	0	0
15	0	0	0	0	*
16	0	0	0	0	....
17	0	0	0	0	....
18	0	0	0	0	....
19	0	0	0	0	....
20	0	0	0	0	....
21	0	0	0	0	....
22	0	0	0	0	....
23	0	0	0	0	....
24	0	0	0	0	....
25	0	0	0	0	....
26	0	0	0	0	....
27	0	0	0	0	....
28	0	0	0	0	....
29	0	0	0	0	....
30	0	0	0	0	....
31	....	0	0	....	....
Mean	0	0	0	0	15
Max.	0	0	0	0	30
Min.	0	0	0	0	0
A. F.	0	0	0	0	416

Water used 416 A. F.

DISCHARGE IN SECOND-FEET OF TROGNITZ CANAL

Diverted from Lodgepole Creek, Docket 365--Date of Priority June 1, 1893

Date	1928						
	Apr.	May	June	July	Aug.	Sept.	Oct.
1	5.0	2.4	2.4	1.7	1.5	1.3	2
2	5.0	2.4	2.4	1.7	1.5	1.3	2
3	5.0	2.4	2.4	1.7	1.5	1.3	2
4	5.0	2.4	2.4	1.7	1.5	1.3	2
5	5.0	2.4	2.4	1.7	1.5	1.3	2
6	5.0	2.4	2.4	1.7	1.5	1.3	2
7	5.0	2.4	2.4	1.7	1.5	1.3	2
8	5.0	2.4	2.4	1.7	1.5	1.3	2
9	5.0	2.4	2.4	1.7	1.5	1.3	2
10	5.0	2.4	2.4	1.7	1.5	1.3	2
11	5.0	2.4	2.4	1.7	1.9	1.5	2
12	5.0	2.4	2.4	1.7	1.9	1.5	2
13	5.0	2.4	2.4	1.7	1.9	1.5	2
14	5.0	2.4	2.4	1.7	1.9	1.5	2
15	5.0	2.4	2.4	1.7	1.9	1.5	2
16	5.0	2.4	2.4	1.7	1.9	1.5	2
17	5.0	2.4	2.4	1.7	1.9	1.5	2
18	5.0	2.4	2.4	1.7	1.9	1.5	2
19	5.0	2.4	2.4	1.7	1.9	1.5	2
20	5.0	2.4	2.4	1.7	1.9	1.5	2
21	2.4	2.4	2.4	1.7	1.9	1.5	2
22	2.4	2.4	2.4	1.7	1.9	1.5	2
23	2.4	2.4	2.4	1.7	1.9	1.5	2
24	2.4	2.4	2.4	1.7	1.9	1.5	2
25	2.4	2.4	2.4	1.7	1.9	1.5	2
26	2.4	2.4	2.4	1.7	1.9	1.5	2
27	2.4	2.4	2.4	1.7	1.9	1.5	2
28	2.4	2.4	2.4	1.7	1.9	1.5	2
29	2.4	2.4	2.4	1.7	1.9	1.5	2
30	2.4	2.4	2.4	1.7	1.9	1.5	2
31	.....	2.4	.....	1.7	1.9	.....	2
Mean	4.1	2.4	2.4	1.7	1.8	1.4	2
Max.	5.0	2.4	2.4	1.7	1.9	1.5	2
Min.	2.4	2.4	2.4	1.7	1.5	1.3	2
A. F.	245	146	142	105	109	85	122

\*No record.

Area reported 70 acres.  
Water used 954 A. F.  
Per acre 13.6 A. F.

DISCHARGE IN SECOND-FEET OF UNION CANAL

Diverted from Blue Creek. Docket 763—Date of Priority May 16, 1890

Date	1918				1919					
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	*	12.4	10.4	9.8	*	11	11	15	12	8
2	—	14.6	10.4	8.8	—	11	11	15	12	6
3	—	12.7	12.4	10.4	—	13	11	15	12	12
4	—	12.7	8.8	12.4	—	13	11	12	12	*
5	—	12.4	11.8	13.8	—	11	11	12	12	—
6	—	12.7	12.4	7.0	—	14	14	12	12	—
7	—	14.4	2.2	7.4	—	14	14	12	16	—
8	0.5	12.1	4.0	6.2	—	14	14	12	14	—
9	.4	14.2	4.5	11.4	—	14	14	12	14	—
10	.4	14.2	6.4	10.4	—	15	15	13	14	—
11	.3	10.4	4.6	10.0	—	15	15	13	14	—
12	.2	16.2	2.9	2.7	—	15	15	13	13	—
13	.2	22.0	.3	5.0	—	15	15	13	13	—
14	.3	14.0	4.8	10.4	—	11	11	13	14	—
15	.2	12.7	5.0	7.8	—	11	11	13	14	—
16	.2	.0	5.6	5.2	—	11	11	14	14	—
17	4.0	.0	4.3	5.0	—	12	12	*	14	—
18	4.0	14.0	2.9	3.2	—	11	12	—	14	—
19	2.9	20.4	5.0	2.9	—	12	12	—	16	—
20	2.8	21.4	5.6	2.9	—	12	12	—	16	—
21	3.2	12.4	4.1	4.6	—	12	12	—	15	—
22	8.8	14.0	2.7	2.9	19	11	11	—	15	—
23	5.0	13.8	3.9	4.4	18	11	11	—	15	—
24	12.4	14.0	5.0	4.1	18	18	13	—	15	—
25	8.7	.0	2.7	3.8	19	18	16	—	14	—
26	5.0	5.0	3.0	2.9	18	18	13	—	14	—
27	5.0	8.0	2.9	2.9	15	15	11	—	14	—
28	8.8	7.0	2.9	5.6	16	16	11	—	14	—
29	8.8	6.4	6.2	*	13	11	11	11	7	—
30	12.7	8.0	5.6	—	11	11	13	11	8	—
31	—	13.8	9.7	—	14	—	15	11	—	—
Mean	4.1	11.8	5.6	6.6	16	13	13	13	13	7
Max	12.7	22.0	12.4	13.8	19	18	16	15	16	8
Min.	.2	.0	.3	2.7	11	11	11	12	7	6
A. F.	188	726	343	365	319	785	772	480	739	39

Area reported 1050 acres.  
Water used 1622 A. F.  
Per acre 1.54 A. F.

Area reported 1347 acres  
Water used 3194 A. F.  
Per acre 2.37 A. F.

Date	1921			
	July	Aug.	Sept.	Oct.
1	*	*	*	*
2	—	—	—	—
3	—	—	—	—
4	—	—	—	—
5	—	—	—	—
6	20	0.4	—	—
7	20	.5	—	—
8	20	.5	—	—
9	16	1.0	—	—
10	14	1.0	—	—
11	20	1.0	—	—
12	14	1.0	—	—
13	14	2.0	—	—
14	17	3.2	—	—
15	20	4.0	—	—
16	15	4.0	—	—
17	10	4.0	—	—
18	10	3.2	—	—
19	7	20.0	—	—
20	4	20.0	—	—
21	6	20.0	—	—
22	4	20.0	—	—
23	10	20.0	—	—
24	26	20.0	—	—
25	26	20.0	—	—
26	26	20.0	—	—
27	26	20.0	—	—
28	26	20.0	—	—
29	26	20.0	—	—
30	26	20.0	—	—
31	26	20.0	—	—
Mean	17	11.0	—	—
Max.	26	20.0	—	—
Min.	4	0.4	—	—
A. F.	891	567	—	—

Area reported 1383 acres.  
Water used 1458 A. F.  
Per acre 1.05 A. F.  
\*No record.

Date	1922		
	June	July	Aug. Sept.
1	*	13.8	9.5 16.1
2	—	14.0	8.5 19.5
3	—	13.5	8.0 19.5
4	—	13.0	9.0 19.5
5	—	12.5	10.0 21.5
6	2.3	12.0	11.0 19.5
7	2.0	11.5	12.0 19.5
8	3.0	11.0	13.1 19.0
9	3.0	11.0	14.0 18.5
10	4.0	10.5	15.0 18.0
11	4.0	10.0	21.0 17.5
12	4.0	10.0	22.0 17.0
13	5.0	9.8	21.5 17.0
14	5.5	12.0	21.5 16.0
15	6.0	13.0	21.5 16.0
16	6.5	14.5	21.5 15.0
17	7.0	16.0	21.5 15.0
18	7.5	18.0	13.3 14.5
19	8.0	20.0	13.0 14.0
20	8.5	19.9	11.0 13.5
21	9.0	19.0	9.0 13.0
22	9.5	18.0	8.0 12.5
23	10.0	17.0	6.0 12.0
24	10.5	16.0	4.0 11.5
25	11.0	15.0	4.5 11.0
26	11.5	14.0	6.0 *
27	12.0	13.0	4.5
28	12.5	13.5	4.0
29	13.0	12.0	6.0
30	13.0	11.0	8.5
31	—	10.0	8.0
Mean	7.5	13.4	11.8 16.2
Max.	13.0	20.0	22.0 21.5
Min.	2.0	9.8	4.0 11.0
A. F.	374	822	727 805

Area reported 1383 acres.  
Water used 2728 A. F.  
Per acre 1.97 A. F.



## Union Canal from Blue Creek—Continued

Date	1923					1924				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	5	10	28	10	*	10	8	24	9
2	....	5	10	28	10	....	10	8	24	9
3	....	5	10	28	10	....	10	8	24	9
4	....	5	10	28	10	....	10	8	24	9
5	....	5	10	28	10	....	10	8	24	9
6	....	5	10	18	7	....	10	8	24	9
7	....	5	10	18	7	....	10	8	24	9
8	....	5	10	18	7	....	10	8	24	9
9	....	5	10	18	7	....	10	8	24	9
10	....	5	10	18	7	....	10	8	24	9
11	....	6	21	18	7	....	0	8	25	9
12	....	6	21	18	7	....	0	8	25	9
13	....	6	21	18	7	....	0	8	25	9
14	....	6	21	18	7	....	0	8	25	9
15	....	6	21	18	7	....	0	8	25	9
16	5	6	21	12	7	25	0	13	25	5
17	5	6	21	12	7	25	0	13	25	5
18	5	6	21	12	7	25	0	13	25	5
19	5	6	21	12	7	25	0	13	25	5
20	5	6	21	12	7	25	0	13	25	5
21	5	7	28	10	11	25	0	13	25	5
22	5	7	28	10	11	25	0	13	25	5
23	5	7	28	10	11	25	0	13	25	5
24	5	7	28	10	11	25	0	13	25	5
25	5	7	28	10	11	25	0	13	25	5
26	5	9	28	10	11	25	8	13	20	5
27	5	9	28	10	11	25	8	13	20	5
28	5	9	28	10	11	25	8	13	20	5
29	5	9	28	10	11	25	8	13	20	5
30	5	9	28	10	11	25	8	13	20	5
31	5	....	28	10	....	25	....	13	20	....
Mean	5	6	20	16	9	25	5	11	24	7
Max.	5	9	28	28	11	25	10	13	25	9
Min.	5	5	10	10	7	25	0	8	20	5
A. F.	158	376	1225	971	525	793	278	651	1458	417

Area reported 1383 acres.

Water used 3255 A. F.

Per acre 2.35 A. F.

Area reported 1383 acres.

Water used 3597 A. F.

Per acre 2.60 A. F.

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	7.1	9.2	16.9	12.3	1.6	8	7	10	16	15
2	7.1	9.2	16.9	12.3	1.6	8	7	10	19	15
3	7.1	9.2	16.9	12.3	1.6	8	7	10	23	15
4	7.1	9.2	16.9	12.3	1.6	8	7	10	19	15
5	7.1	9.2	16.9	12.3	1.6	8	7	10	19	15
6	7.1	9.2	16.9	12.3	1.6	8	7	10	31	15
7	7.1	9.2	16.9	12.3	1.6	8	7	10	36	15
8	7.1	9.2	16.9	12.3	1.6	8	7	10	31	15
9	7.1	9.2	16.9	12.3	1.6	8	7	10	19	15
10	7.1	9.2	16.9	12.3	1.6	8	7	10	19	15
11	7.1	5.2	4.7	12.3	1.6	8	7	20	19	10
12	7.1	5.2	4.7	12.3	1.6	8	7	20	16	10
13	7.1	5.2	4.7	12.3	1.6	8	7	20	10	10
14	7.1	5.2	4.7	12.3	1.6	8	7	20	6	10
15	7.1	5.2	4.7	12.3	1.6	8	7	20	4	10
16	7.1	5.2	4.7	12.3	1.6	8	7	20	6	10
17	7.1	5.2	4.7	12.3	1.6	8	7	20	6	10
18	7.1	5.2	4.7	12.3	1.6	8	7	20	6	10
19	7.1	5.2	4.7	12.3	1.6	8	7	20	6	10
20	7.1	5.2	4.7	12.3	1.6	8	7	20	6	10
21	7.1	5.3	13.2	2.6	1.6	8	6	22	16	5
22	7.1	5.3	13.2	2.6	1.6	8	6	22	16	5
23	7.1	5.3	13.2	2.6	1.6	8	6	22	18	5
24	7.1	5.3	13.2	2.6	1.6	8	6	22	13	5
25	7.1	5.3	13.2	2.6	1.6	8	6	22	8	5
26	7.1	5.3	13.2	2.6	1.6	8	6	17	8	5
27	7.1	5.3	13.2	2.6	1.6	8	6	17	6	5
28	7.1	5.3	13.2	2.6	1.6	8	6	17	6	5
29	7.1	5.3	13.2	2.6	1.6	8	6	20	6	5
30	7.1	5.3	13.2	2.6	1.6	8	6	20	6	5
31	7.1	....	13.2	2.6	....	8	....	20	6	....
Mean	7.1	6.6	11.6	8.9	1.6	8	7	17	14	10
Max.	7.1	9.2	16.9	12.3	1.6	8	7	22	36	15
Min.	7.1	5.2	4.7	2.6	1.6	8	6	10	4	5
A. F.	436	390	716	544	95	492	397	1033	845	595

Area reported 1383 acres.

Water used 2181 A. F.

Per acre 1.58 A. F.

\*No record.

Area reported 1383 acres.

Water used 3362 A. F.

Per acre 2.43 A. F.

Union Canal from Blue Creek—Continued

Date	1927				
	May	June	July	Aug.	Sept.
1	2.3	7	5.7	0	3.5
2	2.3	7	5.7	0	3.5
3	2.3	7	5.7	0	3.5
4	2.3	7	5.7	0	3.5
5	2.3	7	5.7	0	3.5
6	2.3	7	5.7	0	3.5
7	2.3	7	5.7	0	3.5
8	2.3	7	5.7	0	3.5
9	2.3	7	5.7	0	3.5
10	2.3	7	5.7	0	3.5
11	2.3	7	5.7	8	3.5
12	2.3	7	5.7	8	3.5
13	2.3	7	5.7	8	3.5
14	2.3	7	5.7	8	3.5
15	2.3	7	5.7	8	3.5
16	2.3	7	5.7	8	3.5
17	2.3	7	5.7	8	3.5
18	2.3	7	5.7	8	3.5
19	2.3	7	5.7	8	3.5
20	2.3	7	5.7	8	3.5
21	2.3	7	5.7	8	3.5
22	2.3	7	5.7	8	3.5
23	2.3	7	5.7	8	3.5
24	2.3	7	5.7	8	3.5
25	2.3	7	5.7	8	3.5
26	2.3	7	5.7	8	3.5
27	2.3	7	5.7	8	3.5
28	2.3	7	5.7	8	3.5
29	2.3	7	5.7	8	3.5
30	2.3	7	5.7	8	3.5
31	2.3	---	5.7	8	---
Mean	2.3	7	5.7	5	3.5
Max.	2.3	7	5.7	8	3.5
Min.	2.3	7	5.7	0	3.5
A. F.	140	416	351	333	208

Area reported 1373 acres.  
 Water used 1448 A. F.  
 Per acre 1.05 A. F.

DISCHARGE IN SECOND-FEET OF WESTERN CANAL

Diverted from South Platte River. Application 393—Date of Priority June 14, 1897  
 Application 1804—Date of Priority April 13, 1926

Date	1918					1919					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	*	45	320	27	70	*	24	7	*	7	1
2	....	45	220	26	67	....	24	7	....	7	5
3	....	45	210	70	135	....	30	7	....	102	1
4	....	45	145	125	70	....	35	7	....	75	17
5	....	45	102	80	67	....	48	7	....	48	17
6	70	48	70	127	75	195	47	7	....	48	17
7	70	46	65	120	*	155	46	7	....	0	17
8	70	46	60	230	....	142	45	7	....	0	17
9	80	46	55	93	....	128	45	*	....	95	17
10	70	46	46	140	....	15	45	....	....	81	17
11	60	40	46	135	....	18	44	....	....	75	206
12	60	40	46	165	....	21	43	....	....	68	155
13	56	39	46	165	....	24	42	....	....	88	128
14	50	35	46	155	....	27	41	....	....	88	95
15	70	27	65	175	....	30	40	....	....	80	88
16	60	25	130	110	....	33	39	....	....	75	60
17	60	23	365	155	....	36	38	....	....	75	43
18	54	25	320	115	....	39	24	....	....	81	55
19	70	25	0	100	....	42	24	....	....	75	75
20	65	25	0	102	....	45	24	....	....	81	81
21	54	26	0	105	....	48	24	....	....	88	81
22	50	26	0	90	....	38	24	....	....	75	76
23	50	23	17	80	....	36	19	....	....	37	76
24	50	27	22	155	....	34	19	....	....	22	81
25	50	25	0	150	....	32	15	....	....	17	55
26	50	26	0	117	....	30	15	....	....	15	55
27	50	115	0	80	....	30	19	....	....	12	48
28	50	390	17	56	....	30	15	....	....	9	48
29	50	390	17	140	....	30	15	....	....	7	48
30	50	425	17	120	....	24	15	....	....	5	47
31	45	....	50	100	....	24	....	....	7	....	48
Mean	58	74	81	117	81	50	31	7	7	....	57
Max.	80	425	365	230	135	195	48	7	7	102	206
Min.	45	23	0	26	67	15	15	7	7	5	1
A. F.	3003	4431	4953	7166	960	2590	1841	111	14	3047	3521

Area reported 9940 acres.  
 Water used 20513 A. F.  
 Per acre 2.06 A. F.  
 \*No record.

Area reported 14311 acres.  
 Water used 11124 A. F.  
 Per acre 0.78 A. F.

## Western Canal from South Platte River—Continued

Date	1920					
	May	June	July	Aug.	Sept.	Oct.
1	*	42	50	25	60	140
2	.....	81	80	60	42	140
3	.....	81	65	66	50	140
4	.....	81	81	50	42	140
5	.....	25	265	35	35	133
6	.....	35	150	50	50	140
7	.....	26	150	66	60	165
8	.....	70	150	66	60	172
9	20	70	200	66	60	230
10	25	45	125	66	42	230
11	50	35	57	50	42	240
12	20	35	35	35	42	222
13	140	60	35	45	45	203
14	75	30	42	150	45	230
15	62	25	42	125	45	255
16	35	25	50	81	45	290
17	20	35	50	85	45	290
18	30	150	42	81	45	285
19	35	290	50	42	50	290
20	30	195	140	25	50	280
21	60	93	140	25	50	285
22	50	50	125	25	50	260
23	35	60	30	25	66	255
24	35	75	25	25	50	255
25	50	66	25	25	66	290
26	35	81	25	25	66	245
27	115	115	25	35	50	255
28	35	65	30	65	50	40
29	35	65	25	81	50	150
30	50	65	25	81	81	200
31	50	.....	25	60	.....	*
Mean	47	72	76	56	51	214
Max.	140	290	265	150	81	290
Min.	20	25	25	25	35	40
A. F.	2166	4306	4679	3453	3042	12734

Area reported 14311 acres.

Water used 30380 A. F.

Per acre 2.12 A. F.

Date	1921					
	May	June	July	Aug.	Sept.	Oct.
1	80	68	20	64	74	94
2	64	85	12	68	74	94
3	64	80	12	144	74	90
4	85	94	12	60	74	85
5	72	94	12	108	74	85
6	72	0	12	177	68	85
7	30	40	0	74	68	85
8	30	138	0	68	68	74
9	30	148	0	68	68	74
10	154	174	0	20	68	85
11	85	177	0	0	94	90
12	94	177	30	0	114	90
13	94	114	74	20	110	94
14	85	114	94	30	74	94
15	74	114	85	64	74	94
16	52	114	85	60	68	136
17	68	114	90	64	104	136
18	52	114	74	68	104	136
19	48	114	74	68	110	136
20	48	110	30	72	110	136
21	40	68	40	72	130	136
22	64	40	48	72	144	136
23	60	26	48	58	148	136
24	48	68	74	138	148	136
25	40	68	74	126	158	136
26	48	64	68	104	158	*
27	82	52	68	74	85	.....
28	48	36	68	74	12	.....
29	64	30	68	80	12	.....
30	60	48	64	80	12	.....
31	68	.....	64	80	.....	.....
Mean	65	89	45	73	89	107
Max.	154	177	94	177	158	136
Min.	30	0	0	0	12	74
A. F.	3973	5322	2777	4473	5314	5302

Area reported 11567 acres.

Water used 27161 A. F.

Per acre 2.35 A. F.

\*No record.

# HYDROGRAPHIC REPORT—1928

1245

## Western Canal from South Platte River—Continued

Date	1922						
	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	38	76	22	34	22	0
2	68	38	68	22	34	22	0
3	68	0	86	22	34	22	0
4	62	0	86	26	34	22	0
5	76	0	82	26	28	20	0
6	120	0	82	26	20	72	0
7	174	0	76	26	3	9	0
8	184	0	62	26	9	8	30
9	180	0	52	26	2	9	30
10	160	0	48	26	30	5	38
11	154	0	48	26	22	2	68
12	180	0	48	26	22	2	92
13	160	0	48	26	22	68	52
14	184	120	42	26	22	26	22
15	174	140	42	22	22	30	22
16	148	134	38	30	22	34	22
17	120	98	38	26	22	34	22
18	102	2	30	26	22	34	38
19	92	11	30	22	22	36	38
20	62	10	26	26	22	36	38
21	44	10	30	22	26	37	38
22	48	10	30	22	26	38	38
23	48	56	8	26	26	38	38
24	48	52	8	30	22	38	38
25	68	42	10	34	22	38	34
26	120	38	10	34	22	38	38
27	160	38	7	30	98	38	38
28	22	38	7	30	2	38	38
29	22	48	2	34	10	38	48
30	22	76	22	34	6	42	48
31	—	92	—	34	1	—	48
Mean	106	35	41	27	23	30	31
Max.	184	140	86	34	98	72	92
Min.	22	0	2	22	1	2	0
A. F.	6089	2164	2463	1654	1406	1777	1896

Area reported 14458 acres.

Water used 17449 A. F.

Per acre 1.21 A. F.

Date	1923						1924				
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	60	26	9	82	29	47	70	38	85	26	30
2	117	22	35	90	34	34	64	38	74	26	30
3	117	26	174	90	40	34	46	34	46	30	30
4	103	40	159	69	40	34	54	34	46	30	30
5	82	89	187	54	34	47	42	34	54	30	30
6	68	76	181	0	26	26	46	64	64	26	30
7	40	60	145	0	29	6	80	42	64	30	5
8	34	60	145	0	26	0	54	100	54	30	10
9	34	19	117	0	3	14	64	85	64	30	10
10	22	0	124	0	12	34	38	110	46	34	10
11	26	0	103	0	12	26	34	114	46	34	110
12	47	0	103	0	19	14	54	90	46	50	54
13	54	0	138	0	19	10	90	34	46	2	74
14	34	0	47	0	22	*	100	0	54	2	174
15	25	0	0	0	26	—	116	0	54	8	188
16	26	0	0	0	0	—	64	0	46	12	174
17	26	0	0	0	0	—	14	0	10	14	134
18	22	34	0	0	0	—	14	0	14	10	46
19	26	34	0	0	0	—	14	0	14	30	2
20	26	34	0	0	0	—	14	0	14	26	2
21	60	26	76	0	0	—	12	0	22	22	6
22	10	19	40	0	0	—	30	0	22	22	0
23	10	26	47	0	0	—	38	0	22	22	0
24	10	145	60	0	34	—	64	0	22	30	0
25	10	159	76	0	40	—	84	0	22	26	0
26	9	174	76	0	40	—	116	0	22	30	0
27	34	159	69	34	54	—	140	0	26	30	0
28	34	174	26	26	54	—	90	0	22	26	0
29	34	145	26	16	60	—	85	96	30	26	0
30	47	33	26	22	60	—	30	96	34	26	0
31	34	—	54	29	—	—	90	—	30	30	—
Mean	41	53	72	17	24	25	60	34	39	25	39
Max.	117	174	187	90	60	47	140	114	85	50	188
Min.	9	0	0	0	0	0	12	0	10	2	0
A. F.	2541	3134	4449	1015	1414	646	3671	2001	2410	1527	2338

Area reported 14311 acres.

Water used 13199 A. F.

Per acre 0.92 A. F.

\*No record.

Area reported 13570 acres.

Water used 11947 A. F.

Per acre 0.88 A. F.

## STATE OF NEBRASKA

## Western Canal from South Platte River—Continued

1925								
Date	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	0	39	39	0	0	0	50
2	....	0	39	39	0	0	0	50
3	....	0	39	39	0	0	0	50
4	....	0	39	39	0	0	0	60
5	....	140	39	39	0	0	0	60
6	....	72	39	39	0	0	0	73
7	....	40	39	39	0	0	0	73
8	....	62	50	0	0	0	0	100
9	....	40	50	0	0	0	0	115
10	....	50	50	0	0	0	0	120
11	50	72	62	0	0	0	0	125
12	50	85	62	0	0	0	0	130
13	50	100	50	0	0	0	0	130
14	50	85	50	0	0	0	0	130
15	50	72	85	0	0	0	0	130
16	50	78	72	0	0	0	0	*
17	50	85	72	0	0	0	0	....
18	50	72	62	0	0	0	0	....
19	50	62	50	0	0	0	0	....
20	50	62	50	0	0	0	0	....
21	50	65	39	0	0	0	0	....
22	50	65	50	0	0	0	0	....
23	50	65	39	0	0	0	0	....
24	50	65	39	0	0	0	0	....
25	50	65	39	0	0	0	0	....
26	50	65	39	0	0	0	43	....
27	50	50	39	0	0	0	43	....
28	50	40	50	0	30	0	43	....
29	50	40	50	0	45	0	43	....
30	50	40	39	0	40	0	43	....
31	50	....	39	....	40	0	....	....
Mean	50	58	48	9	5	0	7	93
Max.	50	140	72	39	45	0	43	130
Min.	50	0	39	0	0	0	0	50
A. F.	2082	3445	2975	541	307	0	426	2769

Area reported 14440 acres.

Water used 12545 A. F.

Per acre 0.87 A. F.

1926						
Date	Apr.	May	June	July	Aug.	Sept
1	61	250	130	32	28	0
2	61	250	130	32	28	0
3	61	250	130	32	28	0
4	61	250	130	32	28	0
5	61	250	130	32	28	0
6	61	250	118	32	28	141
7	61	250	118	32	28	141
8	61	250	118	32	28	141
9	61	250	118	32	28	141
10	61	250	118	32	28	141
11	76	5	118	165	44	141
12	76	5	118	165	44	141
13	76	5	118	165	44	141
14	76	5	118	165	44	141
15	76	5	118	165	44	141
16	60	5	118	165	44	141
17	60	5	118	165	44	141
18	60	5	118	165	44	141
19	60	5	118	165	44	141
20	60	5	118	165	44	141
21	60	48	118	75	0	141
22	60	48	118	75	0	141
23	60	48	200	75	0	141
24	60	60	300	75	0	141
25	60	0	402	75	0	141
26	215	0	300	75	0	141
27	215	0	200	75	0	141
28	215	0	100	75	0	141
29	215	50	100	75	0	141
30	215	50	100	75	0	141
31	....	50	....	75	0	....
Mean	89	94	145	90	23	118
Max.	215	250	402	165	44	141
Min.	60	0	100	32	0	0
A. F.	5286	5760	8644	5543	1428	6992

Area reported 14792 acres.

Water used 33653 A. F.

Per acre 2.28 A. F.

\*No record.

Western Canal from South Platte River—Continued

Date	1927					
	May	June	July	Aug.	Sept.	Oct.
1	*	30	58	40	44	44
2	....	30	58	106	44	47
3	....	44	52	190	44	52
4	....	40	52	124	44	62
5	....	36	48	88	44	52
6	....	36	44	115	44	40
7	....	36	44	62	44	40
8	....	30	44	58	44	44
9	....	26	30	36	44	44
10	....	44	36	52	44	52
11	....	52	36	52	44	48
12	....	84	36	62	44	52
13	170	92	36	62	36	36
14	26	132	25	44	36	30
15	26	88	25	44	36	30
16	30	62	26	36	40	30
17	48	110	26	30	40	36
18	48	52	26	26	40	30
19	70	44	26	26	40	40
20	36	40	26	26	44	52
21	20	30	26	26	44	62
22	20	44	26	30	44	44
23	20	62	36	44	44	62
24	20	20	36	50	52	62
25	20	62	30	62	80	62
26	20	106	30	62	88	47
27	20	88	36	50	92	90
28	20	62	44	48	88	80
29	30	58	44	47	83	80
30	30	58	40	46	70	70
31	30	....	40	45	....	70
Mean	37	57	37	58	51	51
Max.	170	132	58	190	92	90
Min.	20	20	25	26	36	30
A. F.	1396	3367	2265	3548	3025	3154

Area reported 14792 acres.

Water used 16755 A. F.

Per acre 1.13 A. F.

Date	1927						
	Apr.	May	June	July	Aug.	Sept.	Oct.
1	*	40	106	0	22	40	40
2	50	30	140	0	90	40	50
3	30	40	62	0	50	40	50
4	14	40	122	0	40	40	62
5	8	30	90	0	106	40	90
6	0	30	62	62	50	40	106
7	0	30	198	50	50	40	106
8	22	30	340	50	40	45	122
9	30	40	250	76	50	45	122
10	14	40	106	76	46	46	122
11	14	50	0	122	34	45	122
12	8	50	22	64	46	45	140
13	8	50	30	62	76	45	140
14	8	76	40	90	46	45	172
15	4	156	40	50	25	46	210
16	90	186	22	50	62	40	172
17	76	255	30	62	106	45	172
18	76	186	106	14	76	46	172
19	50	140	50	22	76	40	172
20	50	76	14	40	62	40	122
21	50	76	8	40	50	40	90
22	62	62	0	14	50	40	90
23	62	50	0	30	40	40	90
24	50	50	0	40	40	40	62
25	50	40	0	22	50	50	76
26	50	30	0	30	50	40	76
27	40	40	0	30	40	40	82
28	40	50	0	62	40	40	70
29	40	50	0	50	40	40	40
30	40	76	0	22	40	30	62
31	....	106	....	30	40	....	90
Mean	36	71	61	41	53	42	106
Max.	90	255	340	122	106	50	210
Min.	0	30	0	0	22	30	40
A. F.	2055	4374	3645	2499	3239	2485	6530

Area reported 13006 acres.

Water used 24827 A. F.

Per acre 1.91 A. F.

\*No record.

**DISCHARGE IN SECOND-FEET OF WHITE RIVER CANAL**

Diverted from White River, White Clay Creek and Squaw Creek. Docket 477—Date of Priority December 31, 1894. Application 655—Date of Priority March 3, 1902  
Application 936—Date of Priority March 11, 1909

Date	1925				
	May	June	July	Aug.	Sept.
1	10.2	4.0	0.0	5.6	8.3
2	10.2	4.0	.0	5.6	8.3
3	10.2	4.0	.0	5.6	8.3
4	10.2	4.0	.0	5.6	8.3
5	10.2	4.0	.0	5.6	8.3
6	10.2	4.0	.0	5.6	10.0
7	10.2	4.0	.0	5.6	10.0
8	10.2	4.0	.0	5.6	10.0
9	10.2	4.0	.0	5.6	10.0
10	10.2	4.0	.0	5.6	10.0
11	5.2	.7	.0	.2	10.0
12	5.2	.7	.0	.2	10.0
13	5.2	.7	.0	.2	10.0
14	5.2	.7	.0	.2	10.0
15	5.2	.7	.0	.2	10.0
16	5.2	.7	.0	.2	10.0
17	5.2	.7	.0	.2	10.0
18	5.2	.7	.0	.2	10.0
19	5.2	.7	.0	.2	10.0
20	5.2	.7	.0	.2	10.0
21	4.8	.7	.0	8.5	10.0
22	4.8	.7	.0	8.5	10.0
23	4.8	.7	.0	8.5	10.0
24	4.8	.7	.0	8.5	10.0
25	4.8	.7	.0	8.5	10.0
26	4.8	.7	.0	8.5	10.0
27	4.8	.7	.0	8.5	10.0
28	4.8	.7	.0	8.5	10.0
29	4.8	.7	.0	8.5	10.0
30	4.8	.7	.0	8.5	10.0
31	4.8	.7	.0	8.5	.....
Mean	6.7	1.8	0.0	4.9	9.7
Max.	10.2	4.0	.0	8.5	10.0
Min.	4.8	.7	.0	.2	8.3
A. F.	410	107	0	300	578

Area reported 312 acres.  
Water used 1395 A. F.  
Per acre 4.47 A. F.

**CONTENTS IN ACRE FEET OF WHITNEY RESERVOIR**

Diverted from White River, Application 1603—Date of Priority April 28, 1921

Date	1925						
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.....	6200	5150	4430	4000	3950	4600
2	.....	6150	5150	4425	4000	3950	4650
3	.....	6125	5150	4400	4000	3950	4700
4	.....	6100	5150	4375	4000	3950	4750
5	.....	6050	5150	4350	4000	3950	4800
6	.....	6025	5150	4325	4000	3950	4825
7	.....	6000	5150	4300	4000	3950	4850
8	.....	5950	5150	4250	4000	3950	4900
9	.....	5925	5150	4200	4000	3950	4925
10	6150	5900	5150	4200	4000	3950	4950
11	6200	5875	5150	4150	4000	3950	5000
12	6250	5850	5150	4125	4000	3950	5025
13	6250	5800	5150	4100	4000	3950	5075
14	6300	5725	5150	4050	4000	3950	5100
15	6300	5700	5150	4050	4000	3950	5150
16	6400	5600	5100	4025	4000	4000	5150
17	6400	5550	5000	4025	4000	4000	5150
18	6450	5475	4950	4025	4000	4050	5150
19	6475	5400	4950	4025	4000	4100	5150
20	6675	5400	4900	4025	3950	4150	5150
21	6575	5400	4850	4000	3950	4150	5150
22	6475	5400	4850	4000	3950	4200	5150
23	6475	5400	4800	4000	3950	4200	5300
24	6475	5400	4750	4000	3950	4250	5400
25	6475	5400	4700	4000	3950	4250	5400
26	6400	5300	4650	4000	3950	4300	5400
27	6400	5200	4600	4000	3950	4350	5400
28	6350	5250	4550	4000	3950	4400	5400
29	6300	5250	4525	4000	3950	4500	5400
30	6250	5250	4500	4000	3950	4550	5800
31	.....	5200	4475	.....	3950	.....	6300

HYDROGRAPHIC REPORT—1928

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Contents in Acre Feet of Whitney Reservoir—Continued

1926												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2150	6300	6300	7300	7300	7300	5950	5150	4500	5400	6300	6300
2	2150	6300	6300	7300	7300	7300	5950	5150	4500	5400	6300	6300
3	2150	6300	6300	7300	7300	7300	5950	5150	4500	5400	6300	6300
4	2150	6300	6300	7300	6800	6800	5950	5150	4900	5700	6300	6300
5	2150	6300	6300	7300	7300	7300	6800	5950	5150	4500	5700	6300
6	3000	6300	6300	7300	7300	7300	6800	5950	4850	4900	5700	6300
7	3000	6300	6300	7300	7300	7300	6800	5950	4850	4900	5700	6300
8	3000	6300	6300	7300	7300	7300	6800	5950	4850	4900	5700	6300
9	3000	6300	6500	7300	7300	7300	6800	5950	4850	4900	5700	6300
10	3000	6300	6800	7300	7300	6800	5950	4850	4900	5700	6200	6300
11	5000	6300	6900	7300	7300	7300	5950	5950	4900	4500	5700	6300
12	5000	6300	7100	7300	7300	7300	5950	5950	4900	4900	5700	6300
13	5000	6300	7300	7300	7300	7300	5950	5950	4900	4900	5700	6300
14	5000	6300	7300	7300	7300	7300	5950	5950	4900	4900	5700	6300
15	5000	6300	7300	7300	7300	7300	5950	5950	4900	4900	5700	6300
16	6300	6300	7300	7300	7300	7300	5950	5700	5150	4900	5800	6300
17	6300	6300	7300	7300	7300	7300	5950	5700	5150	4900	5800	6300
18	6300	6300	7300	7300	7300	7300	5950	5700	5150	4900	5800	6300
19	6300	6300	7300	7300	7300	7300	5950	5700	5150	4900	5900	6300
20	6300	6300	7300	7300	7300	7300	5950	5700	5150	5150	5900	6300
21	6300	6300	7300	6800	7300	7300	5950	5400	5150	5150	5900	6300
22	6300	6300	7300	6800	7300	7300	5950	5400	5150	5150	5900	6300
23	6300	6300	7300	6800	7300	7300	5950	6300	5150	5150	5900	6300
24	6300	6300	7300	6800	7300	7300	5950	6300	5150	5150	5900	6300
25	6300	6300	7300	6800	7300	7300	6300	6300	5150	5150	5900	6300
26	6300	6300	7300	6800	7300	7300	6300	5250	5150	5150	6100	6300
27	6300	6300	7300	6800	7300	7300	6300	5250	5150	5150	6100	6300
28	6300	6300	7300	6800	7300	7300	6300	5250	5150	5150	6100	6300
29	6300	.....	7300	6800	7300	7300	6300	5250	5150	5150	6100	6300
30	6300	.....	7300	6800	7300	7300	6300	5250	5150	5150	6100	6300
31	6300	.....	7300	.....	7300	.....	5250	5150	.....	6100	.....	6300

1927												
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6800	6800	6800	8650	9200	9550	9550	8100	7100	6100	6150	6000
2	6800	6800	6800	8650	9200	9550	9550	8100	7100	6100	6150	6000
3	6800	6800	6800	8650	9200	9550	9550	8100	7100	6100	6150	6000
4	6800	6800	6800	8650	9200	9550	9550	8100	7100	6100	6150	6000
5	6800	6800	6800	8650	9200	9550	9550	8100	7100	6100	6150	6000
6	6800	6800	6800	8650	9100	9640	9550	8100	7100	6100	6150	6000
7	6800	6800	6800	8650	9100	9640	9550	8100	7100	6100	6150	6000
8	6800	6800	6800	8650	9100	9640	9550	8100	7100	6100	6150	6000
9	6800	6800	6800	8650	9100	9640	9550	8100	7100	6100	6150	6000
10	6800	6800	6800	8650	9000	9640	9550	8100	6700	6100	6150	6000
11	6800	6800	6800	8650	9500	9550	9550	8100	6700	6100	6150	6000
12	6800	6800	6800	8650	9500	9550	9550	8100	6700	6100	6150	6000
13	6800	6800	6800	8650	9500	9550	9550	7700	6700	6100	6150	6000
14	6800	6800	6800	8650	9500	9550	9550	7700	6700	6100	6150	6000
15	6800	6800	6800	8650	9500	9550	9550	7700	6700	5950	6150	6000
16	6800	6800	6800	9100	9500	9550	9460	7700	6700	5950	6150	6000
17	6800	6800	6800	9100	9500	9550	9460	7700	6400	5950	6150	5950
18	6800	6800	6800	9100	9500	9550	9460	7700	6400	5950	6150	5950
19	6800	6800	6800	9100	9500	9550	9460	7700	6400	5950	6000	5950
20	6800	6800	6800	9100	9500	9550	9460	7500	6400	5950	6000	5900
21	6800	6800	8300	9300	9500	9460	9360	7500	6400	5950	6000	5900
22	6800	6800	8300	9300	9500	9460	9360	7500	6400	5950	6000	5900
23	6800	6800	8300	9300	9500	9460	9360	7500	6400	5950	6000	5900
24	6800	6800	8300	9300	9500	9460	9360	7500	6200	5950	6000	5950
25	6800	6800	8300	9300	9500	9460	9360	7500	6200	5950	6000	5950
26	6800	6800	8300	9200	9500	9460	9360	7500	6200	5950	6000	5950
27	6800	6800	8300	9200	9500	9460	9360	7300	6200	5950	6000	5950
28	6800	6800	8300	9200	9500	9460	9360	7300	6200	5950	6000	5950
29	6800	.....	8300	9200	9500	9460	9360	7300	6200	5950	6000	5950
30	6800	.....	8300	9200	9500	9460	8580	7300	6200	5950	6000	5950
31	6800	.....	8300	.....	9500	.....	8580	7200	.....	5950	.....	5950



Contents in Acre Feet of Whitney Reservoir—Continued

Date	1928											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5900	6800	7900	9000	9500	8900	8400	7600	5000	3550	4100	6400
2	5900	6800	7900	9000	9500	8900	8400	7600	5000	3550	4100	6400
3	5900	6800	7900	9000	9500	8900	8400	7600	5000	3550	4100	6400
4	5900	6800	7900	9000	9500	8900	8400	7600	5000	3550	4100	6400
5	5900	6800	7900	9000	9500	8900	8400	7600	5000	3550	4100	6400
6	5900	6800	7900	9000	9500	8900	8400	7600	5000	3550	4100	6400
7	6000	6900	7900	9100	9500	8900	8400	7600	5000	3550	4100	6400
8	6000	6900	7900	9100	9500	8900	8400	7600	4300	3550	4100	4800
9	6000	6900	7900	9100	9500	8600	8400	7600	4300	3550	4100	4800
10	6000	6900	8300	9100	9500	8600	8400	7600	4300	3550	4100	4800
11	6000	7100	8300	9100	9500	8600	8400	6700	4300	3550	4100	4800
12	6000	7100	8300	9100	9500	8600	8400	6700	4300	3550	4100	4800
13	6000	7100	8300	9100	9500	8600	8400	6700	4300	3500	4100	4800
14	6100	7100	8300	9000	9500	8600	8300	6700	4300	3500	4100	4800
15	6100	7100	8300	9000	9500	8600	8300	6700	4000	3500	4100	5000
16	6200	7100	8300	9000	9500	8600	8300	6700	4000	3500	4100	5000
17	6200	7100	8900	9000	9500	8600	8300	6700	4000	3500	4100	5000
18	6200	7200	8900	9000	9500	8600	8300	6000	4000	3500	4100	5000
19	6200	7200	8900	9000	9600	8600	8300	6000	4000	3800	4100	5000
20	6200	7200	8900	9000	9600	8600	8300	6000	4000	3800	4100	5000
21	6600	7200	8900	9200	9600	8600	7900	6000	4000	3850	4100	5000
22	6600	7200	8900	9200	9600	8400	7900	6000	3900	3850	4100	5300
23	6600	7200	8900	9200	9600	8300	7900	6000	3900	3900	4100	5300
24	6600	7200	9100	9200	9600	8300	7900	6000	3900	3900	4200	5300
25	6600	7600	9100	9200	9600	8300	7900	5400	3900	4000	4500	5300
26	6600	7600	9100	9200	9500	8300	7900	5400	3900	4000	4800	5300
27	6600	7600	9100	9200	9500	8300	7900	5400	3900	4000	5100	5300
28	6600	7600	9100	9400	9500	8300	7800	5400	3900	4000	5400	5500
29	6600	.....	9100	9400	9500	8300	7800	5400	3600	4000	5700	5500
30	6600	.....	9100	9400	9500	8300	7800	5400	3600	4050	6000	5500
31	6600	.....	9100	.....	9500	.....	7800	5400	.....	4050	.....	5600

DISCHARGE IN SECOND-FEET OF WHITNEY WEIR INTO RESERVOIR

Diverted from White River. Application 1625—Date of Priority November 7, 1921

Date	1925											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	23	27	31	27.0	1.0	0.5	1.0	0.5	0.0	0.0	0.0	21.1
2	23	27	31	27.0	1.0	.5	2.4	.5	.0	.0	.0	21.1
3	23	27	31	27.0	.5	.5	.0	.5	.0	.0	.0	21.1
4	23	27	31	27.0	.5	.5	.0	.5	.0	.0	.0	21.1
5	23	27	31	27.0	.5	.5	.0	.5	.0	.0	.0	21.1
6	23	27	31	27.0	.5	.5	.0	.5	.0	.0	.0	21.1
7	23	27	31	27.0	.5	39.9	.0	.5	.0	.0	.0	23.0
8	23	27	31	27.0	4.4	37.6	.0	.5	.0	.0	.0	23.0
9	23	27	31	23.0	4.4	37.6	.0	.5	.0	.0	.0	21.1
10	23	27	31	23.0	4.4	37.6	.0	.5	.0	.0	.0	21.1
11	23	27	31	23.0	4.4	37.6	.0	.5	.0	.0	.0	21.1
12	23	27	31	23.0	4.4	37.6	.0	.5	.0	.0	.0	21.1
13	23	27	31	23.0	5.6	19.3	.3	.5	.0	.0	2.4	21.1
14	23	27	31	23.0	8.1	19.3	.3	.5	.0	.0	23.0	21.1
15	23	27	31	23.0	10.0	19.3	.3	.0	.0	.0	19.3	12.5
16	23	27	30	10.0	15.8	23.0	.3	.0	.0	.0	19.3	12.5
17	23	27	30	10.0	9.5	20.0	.3	.0	.0	.0	21.1	24.9
18	23	27	28	10.0	9.5	15.0	.3	.0	.0	.0	21.1	23.0
19	23	27	27	10.0	9.5	9.5	.3	.0	.0	.0	19.3	23.0
20	23	27	27	10.0	9.5	9.5	1.6	.0	.0	.0	21.1	23.0
21	23	27	27	3.3	5.0	9.5	.5	.0	.0	.0	19.3	23.0
22	23	27	25	3.3	5.0	9.5	.5	.0	.0	.0	17.5	12.5
23	23	27	25	3.3	5.0	4.4	.5	.0	.0	.0	19.3	12.5
24	23	27	25	3.3	5.0	19.3	.5	.0	.0	.0	19.3	27.1
25	23	27	25	4.4	3.0	19.3	.5	.0	.0	.0	21.1	27.1
26	23	27	25	3.3	2.4	15.0	.5	.0	.0	.0	21.1	23.0
27	23	27	25	3.3	.5	.5	.5	.0	6.8	.0	21.1	23.0
28	23	27	25	3.3	.5	.0	27.0	.0	6.8	.0	21.1	23.0
29	23	.....	25	3.3	.5	.0	15.0	.0	6.8	.0	21.1	15.8
30	23	.....	25	3.3	.5	.0	2.4	.0	4.4	.0	21.1	15.8
31	23	.....	25	.....	.5	.....	1.0	.0	.....	.0	.....	19.3
Mean	23	27	29	15.4	4.3	14.8	1.8	0.2	0.8	0.0	11.6	20.7
Max.	23	27	31	27.0	15.8	39.9	27.0	.5	6.8	.0	23.0	27.1
Min.	23	27	25	3.3	.5	.0	.0	.0	.0	.0	.0	12.5
A. F.	1414	1499	1753	915	262	879	111	14	49	0	691	1270

Area reported 9792 acres.  
 Water used 8857 A. F.  
 Per acre 0.90 A. F.

# HYDROGRAPHIC REPORT—1928

1251

## Whitney Weir from White River—Continued

Date	1926										
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
1	15.8	0.0	0.0	0.0	23.0	4.4	9.5	9.5	12.5	19.3	23.0
2	15.8	.0	.0	.0	23.0	4.4	15.8	9.5	9.5	19.3	23.0
3	15.8	.0	9.5	.0	23.0	4.4	15.8	4.4	9.5	19.3	23.0
4	15.8	.0	27.1	.0	23.0	6.8	2.4	6.8	9.5	23.0	23.0
5	15.8	.0	31.1	.0	17.5	6.8	2.4	6.8	9.5	23.0	23.0
6	15.8	.0	31.1	.0	12.5	2.4	2.4	4.4	6.8	23.0	23.0
7	15.8	.0	39.9	.0	12.5	2.4	2.4	4.4	6.8	23.0	23.0
8	15.8	.0	39.9	.0	12.5	2.4	2.4	4.4	6.8	23.0	23.0
9	15.8	.0	39.9	.0	12.5	2.4	2.4	4.4	19.3	23.0	27.1
10	15.8	.0	31.1	.0	12.5	2.4	19.3	2.4	19.3	23.0	27.1
11	15.8	.0	31.1	.0	6.8	2.4	19.3	39.9	19.3	23.0	27.1
12	19.3	.0	27.1	.0	6.8	2.4	19.3	35.4	19.3	23.0	27.1
13	19.3	.0	31.1	.0	6.8	2.4	19.3	37.6	19.3	23.0	27.1
14	23.0	.0	31.1	.0	6.8	2.4	19.3	35.4	19.3	23.0	27.1
15	23.0	.0	31.1	.0	6.8	39.9	12.5	35.4	19.3	23.0	27.1
16	27.1	.0	.0	.0	8.1	39.9	15.8	27.1	19.3	15.8	27.1
17	27.1	.0	.0	.0	8.1	63.3	15.8	27.1	15.8	15.8	27.1
18	27.1	.0	.0	.0	24.9	31.1	15.8	27.1	15.8	19.3	27.1
19	27.1	.0	.0	.0	23.0	31.1	12.5	19.3	15.8	19.3	27.1
20	27.1	.0	.0	.0	23.0	31.1	12.5	23.0	15.8	19.3	.5
21	27.1	.0	.0	.0	23.0	19.3	12.5	23.0	15.8	19.3	.5
22	27.1	.0	.0	.0	23.0	19.3	9.5	23.0	15.8	19.3	.5
23	.0	.0	.0	.0	23.0	19.3	9.5	19.3	15.8	23.0	.5
24	.0	.0	.0	.0	23.0	19.3	5.6	23.0	15.8	23.0	.5
25	.0	.0	.0	.0	23.0	19.3	5.6	19.3	15.8	23.0	.5
26	.0	.0	.0	.0	8.1	19.3	5.6	19.3	15.8	27.1	.5
27	.0	.0	.0	.0	8.1	19.3	19.3	15.8	15.8	23.0	.0
28	.0	.0	.0	23.0	8.1	19.3	12.5	12.5	15.8	23.0	.0
29	.0	.0	.0	23.0	6.8	17.5	12.5	12.5	15.8	23.0	.0
30	.0	.0	.0	23.0	6.8	17.5	12.5	15.8	15.8	23.0	.0
31	.0	.0	.0	.0	6.8	.0	9.5	15.8	.0	23.0	.0
Mean	14.5	0.0	12.9	2.3	14.6	15.8	11.3	18.2	14.9	21.7	16.2
Max.	27.1	.0	39.9	23.0	24.9	39.9	19.3	39.9	19.3	27.1	27.1
Min.	.0	.0	.0	.0	6.8	2.4	2.4	2.4	6.8	15.8	.0
A. F.	889	0	795	137	898	940	696	1119	885	1335	964

Area reported 9792 acres.

Water used 8658 A. F.

Per acre 0.88 A. F.

Date	1927											Dec.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	
1	*	16	23	0	19	7	23	14	0	12	0	31
2	---	16	23	0	19	7	23	14	0	12	0	31
3	---	16	23	0	19	7	23	14	0	12	0	31
4	---	16	23	0	19	7	23	14	0	12	0	31
5	---	16	23	0	19	7	23	14	0	12	0	31
6	---	16	35	0	19	23	23	14	0	12	0	23
7	---	16	35	0	19	23	23	14	0	12	0	23
8	---	16	35	0	19	23	23	14	0	12	0	23
9	---	16	35	0	19	23	23	14	0	12	0	23
10	---	16	35	0	19	23	23	14	0	12	0	23
11	---	16	23	0	12	31	12	4	0	16	0	23
12	---	16	27	0	12	31	12	4	0	16	0	23
13	---	16	31	0	12	31	12	4	0	16	0	23
14	40	16	31	0	12	31	12	4	0	16	0	23
15	40	16	23	0	12	31	12	4	0	16	0	23
16	40	16	19	21	19	31	12	4	0	27	0	27
17	40	16	27	21	19	31	12	4	0	27	0	27
18	40	16	27	21	19	31	12	4	0	27	0	27
19	40	16	31	21	19	31	12	4	0	27	0	27
20	40	16	0	21	19	31	12	4	0	27	0	27
21	31	9	0	21	7	27	12	0	0	27	27	27
22	31	9	0	21	7	27	12	0	0	27	27	27
23	31	9	0	21	7	27	12	0	0	27	27	27
24	31	9	0	21	7	27	12	0	0	27	27	27
25	31	9	0	21	7	27	12	0	0	27	27	27
26	7	9	0	23	7	31	16	0	2	23	27	31
27	7	9	0	23	7	31	16	0	2	23	27	31
28	7	9	0	23	7	31	16	0	2	23	27	31
29	7	9	0	23	7	31	16	0	2	23	27	31
30	7	---	0	23	7	31	16	0	2	23	27	31
31	7	---	0	---	7	---	16	0	---	23	---	31
Mean	27	14	17	11	14	25	16	6	0	20	9	27
Max.	40	16	35	23	19	31	23	14	2	27	27	31
Min.	7	9	0	0	7	7	12	0	0	12	0	23
A. F.	946	795	1049	645	837	1488	1004	357	29	1206	535	1668

Area reported 9641 acres.

Water used 10550 A. F.

Per acre 1.09 A. F.

\*No record.



Winter Creek Canal from North Platte River—Continued

Date	1921					1922				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	42	88	77	16	*	51	78	31	24
2	---	41	84	80	13	---	51	78	31	18
3	---	39	0	80	13	---	51	78	24	30
4	---	34	0	84	*	---	50	78	67	30
5	---	34	0	88	---	---	51	79	67	30
6	---	34	0	92	---	---	50	78	67	32
7	---	34	0	88	---	---	53	79	69	38
8	---	34	0	88	---	---	56	79	59	38
9	---	34	0	80	---	---	59	79	59	24
10	---	34	0	63	---	---	61	80	59	23
11	63	34	49	13	---	---	64	79	59	22
12	68	44	49	6	---	---	67	80	59	22
13	63	87	30	6	---	---	70	80	59	21
14	58	87	45	30	---	---	76	79	59	23
15	48	87	59	30	---	---	76	79	59	25
16	53	87	67	52	---	---	76	72	51	27
17	48	88	73	80	---	---	76	67	45	30
18	63	88	73	77	---	---	76	60	44	31
19	61	88	73	70	---	---	76	55	38	34
20	59	88	80	59	---	---	77	50	35	33
21	57	88	80	62	---	---	77	42	24	32
22	55	92	88	59	---	---	77	40	18	31
23	53	84	88	45	---	---	77	31	11	31
24	48	75	88	34	---	---	77	31	29	31
25	53	78	95	34	---	---	53	77	31	31
26	48	81	95	45	---	---	53	78	31	18
27	43	85	88	45	---	---	52	77	31	8
28	43	100	88	45	---	---	52	77	31	24
29	43	100	80	34	---	---	52	78	31	31
30	43	100	80	20	---	---	52	78	31	32
31	43	---	80	16	---	---	51	---	30	35
Mean	53	67	55	54	14	52	68	60	41	28
Max.	68	100	95	92	16	53	78	80	59	38
Min.	43	34	0	6	13	51	51	30	8	18
A. F.	2208	4008	3412	3336	83	724	4046	3663	2543	1410

Area reported \*.  
 Water used from River 13047 A. F.  
 Water used from Winter Creek 5514 A. F.  
 Per acre \*.

Area reported 3678 acres.  
 Water used from River 12386 A. F.  
 Water used from Winter Creek 10423 A. F.  
 Per acre 6.20 A. F.

Date	1923				
	May	June	July	Aug.	Sept.
1	0	25	40	75	30
2	0	25	40	75	30
3	0	25	40	75	30
4	0	25	40	75	30
5	0	25	40	75	30
6	0	36	40	83	30
7	0	36	40	83	30
8	0	36	40	83	30
9	0	36	40	83	30
10	0	36	40	83	30
11	0	28	83	81	68
12	0	28	83	81	68
13	0	28	83	81	68
14	0	28	83	81	68
15	0	28	83	81	68
16	0	28	80	81	70
17	15	28	80	81	70
18	15	28	80	81	70
19	15	28	80	81	70
20	15	28	80	81	70
21	15	40	80	80	70
22	15	40	80	80	70
23	15	40	80	80	70
24	15	40	80	80	70
25	15	40	80	80	70
26	15	46	70	70	53
27	15	46	70	70	53
28	15	46	70	70	53
29	15	46	70	70	53
30	15	46	70	70	53
31	15	---	70	70	---
Mean	7	34	66	78	54
Max.	15	46	83	83	70
Min.	0	25	40	70	30
A. F.	446	2013	4036	4800	3183

Area reported 4802 acres.  
 Water used from River 14478 A. F.  
 Water used from Winter Creek 9623 A. F.  
 Per acre 5.02 A. F.  
 \*No record.

Date	1924				
	May	June	July	Aug.	Sept.
1	*	70	76	80	50
2	---	70	76	80	50
3	---	70	76	80	50
4	---	70	76	80	50
5	---	70	76	80	50
6	---	70	76	80	50
7	---	70	76	80	50
8	---	70	76	80	50
9	---	70	76	80	50
10	---	70	76	80	50
11	---	70	76	80	*
12	---	70	76	80	---
13	---	70	76	80	---
14	---	70	76	80	---
15	---	70	76	80	---
16	---	70	76	80	---
17	---	70	76	80	---
18	---	70	76	80	---
19	---	70	76	80	---
20	---	70	76	80	---
21	75	75	76	50	---
22	75	75	76	50	---
23	75	75	76	50	---
24	75	75	76	50	---
25	75	75	76	50	---
26	75	75	76	50	---
27	75	70	76	50	---
28	75	70	76	50	---
29	75	70	76	50	---
30	75	70	76	50	---
31	75	---	76	50	---
Mean	75	71	76	69	50
Max.	75	75	76	80	50
Min.	75	70	76	50	50
A. F.	1636	4215	4673	4264	991

Area reported 3348 acres.  
 Water used from River 15779 A. F.  
 Water used from Winter Creek 6011 A. F.  
 Per acre 6.51 A. F.

STATE OF NEBRASKA

Winter Creek Canal from North Platte River—Continued

Date	1925					1926				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	24	22	54	35	31	0	12	25	45	37
2	24	22	54	35	31	0	12	25	45	37
3	24	22	54	35	31	0	12	25	45	37
4	24	22	54	35	31	0	12	25	45	37
5	24	22	54	35	31	0	12	25	45	37
6	24	22	54	35	31	0	40	25	45	42
7	24	22	54	35	31	0	40	25	45	42
8	24	22	54	35	31	0	40	25	45	42
9	24	22	54	35	31	0	40	25	45	42
10	24	22	54	35	31	0	40	25	45	42
11	20	46	48	54	50	30	40	25	28	42
12	20	46	48	54	50	30	40	25	28	42
13	20	46	48	54	50	30	40	25	28	42
14	20	46	48	54	50	30	40	25	28	42
15	20	46	48	54	50	30	40	25	28	42
16	20	46	48	54	50	30	0	25	28	42
17	20	46	48	54	50	30	0	25	28	42
18	20	46	48	54	50	30	0	25	28	42
19	20	46	48	54	50	30	0	25	28	42
20	20	46	48	54	50	30	0	25	28	42
21	20	50	37	35	60	40	3	44	42	18
22	20	50	37	35	60	40	3	44	42	18
23	20	50	37	35	60	40	3	44	42	18
24	20	50	37	35	60	40	3	44	42	18
25	20	50	37	35	60	40	3	44	42	18
26	20	50	37	35	40	40	3	48	42	18
27	20	50	37	35	40	40	3	48	42	18
28	20	50	37	35	40	40	3	48	42	18
29	20	50	37	35	40	40	3	48	42	18
30	20	50	37	35	43	40	3	48	42	18
31	20	....	37	35	....	40	....	48	42	....
Mean	21	39	46	41	44	24	16	33	38	33
Max.	24	50	54	54	60	40	40	48	45	42
Min.	20	22	37	35	31	0	0	25	28	18
A. F.	1309	2340	2830	2529	2604	1468	972	1999	2364	1974

Area reported 4312 acres.  
 Water used from River 11612 A. F.  
 Water used from Winter Creek 10460 A. F.  
 Per acre 5.12 A. F.

Area reported 3754 acres.  
 Water used from River 8777 A. F.  
 Water used from Winter Creek 3447 A. F.  
 Per acre 3.26 A. F.

Date	1927					1928					
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	Oct.
1	9	31	0	36	45	42	37	19	54	0	33
2	9	24	0	38	45	37	37	19	37	47	42
3	9	30	0	34	45	37	19	19	33	47	0
4	9	31	24	36	43	0	28	19	37	47	0
5	9	28	32	36	43	0	0	19	35	47	0
6	0	27	24	36	45	0	0	35	35	42	0
7	0	28	24	43	45	33	19	35	35	42	0
8	0	31	31	43	43	33	19	47	37	52	0
9	0	32	31	36	45	12	0	42	35	52	0
10	0	31	36	38	45	12	0	40	52	52	0
11	0	36	45	43	48	22	0	40	52	52	0
12	0	36	45	43	48	21	0	45	52	47	0
13	0	34	45	43	48	21	0	42	47	42	0
14	0	28	43	43	45	30	0	42	47	42	0
15	0	24	40	43	45	35	0	47	44	43	0
16	0	28	40	45	43	19	0	47	44	41	0
17	0	24	40	48	36	19	0	47	44	41	0
18	0	24	43	45	36	19	0	33	47	42	0
19	0	27	45	45	36	28	0	33	33	44	0
20	0	27	45	40	36	28	19	37	47	44	0
21	0	31	45	36	36	28	37	33	47	47	0
22	0	31	45	36	36	28	37	38	49	44	0
23	0	31	46	31	36	33	19	47	52	33	0
24	0	0	45	0	36	33	19	47	52	37	0
25	0	0	45	0	38	33	19	42	52	37	0
26	0	0	51	46	40	43	19	47	52	39	0
27	0	0	51	40	40	37	19	47	52	39	0
28	0	0	57	43	40	35	19	52	44	33	0
29	2	0	51	43	31	35	19	52	44	33	0
30	2	0	51	45	31	33	19	52	0	33	0
31	2	....	51	45	....	33	....	52	0	....	0
Mean	2	22	38	38	41	26	13	39	42	41	2
Max.	9	36	57	48	48	43	37	52	54	52	42
Min.	0	0	0	0	31	0	0	19	0	0	0
A. F.	101	1337	2323	2338	2437	1624	801	2422	2561	2461	149

Area reported 3381 acres.  
 Water used from River 8536 A. F.  
 Water used from Winter Creek 4760 A. F.  
 Per acre 3.93 A. F.

Area reported 3213 acres.  
 Water used from River 10018 A. F.  
 Water used from Winter Creek 9183 A. F.  
 Per acre 5.98 A. F.

**DISCHARGE IN SECOND-FEET OF WINTER CREEK CANAL**  
 Diverted from Winter Creek. Application 1446-O. D. Docket 952—Date of  
 Priority October 18, 1882

Date	1919					1920			
	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	*	36	64	56	27	*	51	64	46
2	---	36	63	57	26	---	50	64	45
3	---	37	63	58	25	---	50	64	45
4	---	37	63	59	26	---	49	65	44
5	---	38	62	60	28	---	48	65	44
6	---	38	61	60	32	---	48	65	43
7	---	38	61	61	34	---	47	65	42
8	---	39	61	62	37	---	46	65	41
9	---	39	61	63	39	---	42	66	40
10	---	40	61	64	39	---	44	66	38
11	---	40	60	64	39	---	45	66	37
12	---	41	60	65	39	---	46	66	35
13	---	41	60	67	*	---	48	66	34
14	---	42	60	67	---	---	49	66	33
15	---	42	60	68	---	---	50	66	31
16	---	43	58	69	---	---	52	67	30
17	---	43	58	70	---	---	53	67	29
18	---	44	58	71	---	---	55	67	28
19	---	45	58	72	---	---	54	67	27
20	---	46	58	73	---	---	54	67	26
21	---	46	57	73	---	---	54	67	24
22	---	47	57	70	---	---	54	66	23
23	---	48	57	65	---	---	54	65	22
24	---	49	57	55	---	---	54	64	20
25	---	51	56	43	---	---	53	60	19
26	---	52	55	40	---	---	53	62	18
27	35	55	55	37	---	---	53	63	16
28	35	60	55	35	---	---	53	63	15
29	35	62	55	32	---	---	53	63	14
30	35	63	55	30	---	---	52	64	14
31	36	---	56	29	---	---	---	64	---
Mean	35	45	59	58	33	---	51	60	31
Max.	36	63	64	73	39	---	55	64	46
Min.	35	36	55	29	25	---	42	43	46
A. F.	349	2654	3620	3560	776	---	2231	3205	3665
Water used	10959	A. F.				---	10931	A. F.	1830

Date	1921			1922			
	June	July	Aug.	July	Aug.	Sept.	Oct.
1	*	46	35	*	60	67	43
2	---	51	34	---	61	66	42
3	---	56	33	---	62	65	41
4	---	61	31	---	63	64	40
5	---	66	30	---	64	64	39
6	---	71	28	---	64	63	38
7	---	70	27	---	65	62	37
8	---	69	26	---	66	61	36
9	---	68	28	---	67	60	35
10	---	66	30	---	68	60	35
11	---	65	32	---	68	59	34
12	---	63	34	---	69	58	33
13	---	62	36	---	70	57	32
14	---	60	38	---	71	56	31
15	---	59	40	---	72	56	31
16	---	58	42	---	72	55	30
17	---	56	44	---	73	54	29
18	---	55	46	---	74	53	28
19	---	54	48	---	75	52	27
20	---	52	48	---	76	52	27
21	---	51	48	---	77	51	26
22	---	49	48	---	78	50	25
23	6	48	48	---	79	49	24
24	11	46	48	---	80	48	23
25	16	45	*	---	81	48	23
26	21	44	---	---	81	47	22
27	26	43	---	---	80	46	21
28	31	41	---	---	79	45	20
29	36	40	---	---	78	44	19
30	41	38	---	---	77	44	18
31	---	37	---	---	76	43	17
Mean	24	55	38	---	77	55	30
Max.	41	71	48	---	81	67	48
Min.	6	37	26	---	60	44	17
A. F.	373	3352	1789	---	53	60	44
Water used	5514	A. F.		---	896	4405	3285
				---			1837

\*No record.

STATE OF NEBRASKA

Winter Creek Canal from Winter Creek—Continued

Date	1923					1924		
	June	July	Aug.	Sept.	Oct.	July	Aug.	Sept.
1	*	15	10	65	95	38	27	99
2	....	15	10	65	95	38	27	99
3	....	15	10	65	95	38	27	99
4	....	15	10	65	95	38	27	99
5	....	15	10	65	95	38	27	99
6	....	15	5	65	80	38	27	60
7	....	15	5	65	80	38	27	60
8	....	15	5	65	80	38	27	60
9	....	15	5	65	80	38	27	60
10	....	15	5	65	80	38	27	60
11	....	20	0	65	60	38	22	30
12	....	20	0	65	60	38	22	30
13	....	20	0	65	60	38	22	30
14	....	20	0	65	60	38	22	30
15	....	20	0	65	60	38	22	30
16	....	20	10	65	30	38	22	0
17	....	20	10	65	30	38	22	0
18	....	20	10	65	30	38	22	0
19	....	20	10	65	30	38	22	0
20	2	20	10	65	30	38	22	0
21	4	20	10	65	30	38	22	0
22	5	10	40	85	10	32	44	0
23	6	10	40	85	10	32	44	0
24	7	10	40	85	10	32	44	0
25	8	10	40	85	10	32	44	0
26	9	10	40	85	10	32	44	0
27	10	10	65	95	0	32	44	0
28	11	10	65	95	0	32	44	0
29	12	10	65	95	0	32	44	0
30	13	10	65	95	0	32	44	0
31	15	10	65	95	0	32	44	0
Mean	....	10	65	....	0	32	44	....
Max.	9	15	23	73	44	36	31	31
Min.	15	20	65	95	95	38	44	99
A. F.	2	10	0	65	0	32	22	0
A. F.	202	912	1418	4364	2727	2205	1932	1874
Water used	9623	A. F.				6011	A. F.	

Date	1925					1926	
	May	June	July	Aug.	Sept.	July	Aug.
1	20	36	17	30	69	4	24
2	20	36	17	30	69	4	24
3	20	36	17	30	69	4	24
4	20	36	17	30	69	4	24
5	20	36	17	30	69	4	24
6	20	36	17	30	69	4	24
7	20	36	17	30	69	4	24
8	20	36	17	30	69	4	24
9	20	36	17	30	69	4	24
10	20	36	17	30	69	4	24
11	20	36	17	30	69	20	24
12	20	36	17	30	69	20	24
13	20	36	17	30	69	20	24
14	20	36	17	30	69	20	24
15	20	36	17	30	69	20	24
16	20	36	28	30	69	20	24
17	20	36	28	30	69	20	24
18	20	36	28	30	69	20	24
19	20	36	28	30	69	20	24
20	20	36	28	30	69	20	24
21	20	20	28	30	69	26	24
22	20	20	28	30	69	26	24
23	20	20	28	30	69	26	24
24	20	20	28	30	69	26	24
25	20	20	28	30	69	26	24
26	20	20	33	30	69	26	102
27	20	20	33	30	69	26	102
28	20	20	33	30	69	26	102
29	20	20	33	30	69	26	102
30	20	20	33	30	69	26	102
31	20	....	33	30	69	26	102
Mean	20	31	24	30	69	17	39
Max.	20	36	33	30	69	26	102
Min.	20	20	17	30	69	4	24
A. F.	1230	1825	1454	1845	4106	1043	2404
Water used	10460	A. F.				3417	A. F.

\*No record.

## Winter Creek Canal from Winter Creek—Continued

Date	1927				1928				
	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	0	23	18	*	45	27	0	48
2	0	0	0	24	....	45	31	11	45
3	0	0	0	27	....	42	38	15	45
4	11	0	0	27	....	42	35	31	48
5	29	2	0	28	....	0	38	31	48
6	30	32	0	28	....	0	37	33	48
7	30	32	0	28	....	38	27	33	48
8	29	32	0	28	....	38	27	51	48
9	29	28	0	28	....	38	27	54	48
10	29	28	0	28	....	27	27	54	48
11	28	0	0	28	....	27	37	51	45
12	28	28	0	28	....	38	37	48	38
13	18	28	0	19	....	27	37	45	38
14	29	29	0	19	....	38	42	47	34
15	18	27	22	23	....	27	42	47	31
16	27	27	27	26	....	27	45	54	34
17	24	28	27	27	....	0	52	54	34
18	12	25	29	26	....	0	52	56	42
19	28	25	29	26	....	0	52	56	38
20	27	25	28	24	38	27	52	58	27
21	19	27	28	24	31	0	45	58	27
22	24	27	28	26	31	0	51	56	27
23	24	27	28	26	38	0	50	53	23
24	8	28	20	26	45	0	31	53	23
25	7	28	20	26	45	0	31	51	23
26	11	29	20	26	51	27	23	51	31
27	11	30	28	0	31	27	23	51	31
28	9	28	18	0	31	27	0	53	23
29	31	29	18	0	31	27	0	53	23
30	32	28	18	0	40	27	0	53	23
31	....	28	18	....	38	....	0	53	....
Mean	20	23	14	22	38	22	33	46	36
Max.	32	32	29	28	51	45	52	58	48
Min.	0	0	0	0	31	0	0	0	23
A. F.	1194	1398	851	1317	892	1311	2015	2805	2160

Water used 4760 A. F.

Water used 9183 A. F.

\*No record.



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Section 34-31-54 W., Glen, near.....	474	.....
Section 3-31 52 W., Military Road.....	474	763
Section 1-32-51 W., Whitney, near.....	480	770

Whitney Reservoir:		
Storage, daily contents in acre feet.....	.....	1248
Section 26-32-52 W., Whitney Pipe Line Diversion, above .....	477	766
Section 26-32-52 W., Whitney Pipe Line Diversion, below .....	479	769
Whitney Weir, at.....	.....	1250

Wood River:		
Section 8-10-10 W., Alda, near .....	497	.....
Section 22-11-9 W., Alda, east of.....	499	.....
Section 22-12-7 W., Chapman, near.....	496	783
Section 7-9-15 W., Kearney, near.....	496	783
Section 5-9-16 W., Riverdale, east of.....	497	.....
Section 12-9-16 W., Riverdale, east of.....	498	.....
Section 13-10-12 W., Wood River, west of.....	498	.....