

VOLUME II
TWENTY-EIGHTH BIENNIAL REPORT
DEPARTMENT OF ROADS & IRRIGATION
TO THE
GOVERNOR OF NEBRASKA

1949 - 1950

NEBR. SOIL AND WATER
CONSERVATION COMMISSION
STATE CAPITOL BUILDING
LINCOLN 9, NEBRASKA

SWD 13

DEPARTMENT OF ROADS AND IRRIGATION
F. H. KLIETSCH
STATE ENGINEER



State of Nebraska

VAL PETERSON, GOVERNOR
LINCOLN

BUREAU OF HIGHWAYS
BUREAU OF IRRIGATION
WATER POWER AND DRAINAGE
MOTOR VEHICLE DIVISION
LAW ENFORCEMENT
AND PUBLIC SAFETY

IN REPLY REFER TO

December 31, 1950

The Honorable Val Peterson
Governor of the State of Nebraska

Sir:

In accordance with the statutes, I am transmitting to you herewith the Twenty-eighth Biennial Report of the Department of Roads and Irrigation for the years 1949 and 1950.

Respectfully submitted,

F. H. Klietsch

State Engineer

F. H. Klietsch
vlo

TWENTY-EIGHTH BIENNIAL REPORT

OF THE

DEPARTMENT OF ROADS
AND IRRIGATION

VOLUME II

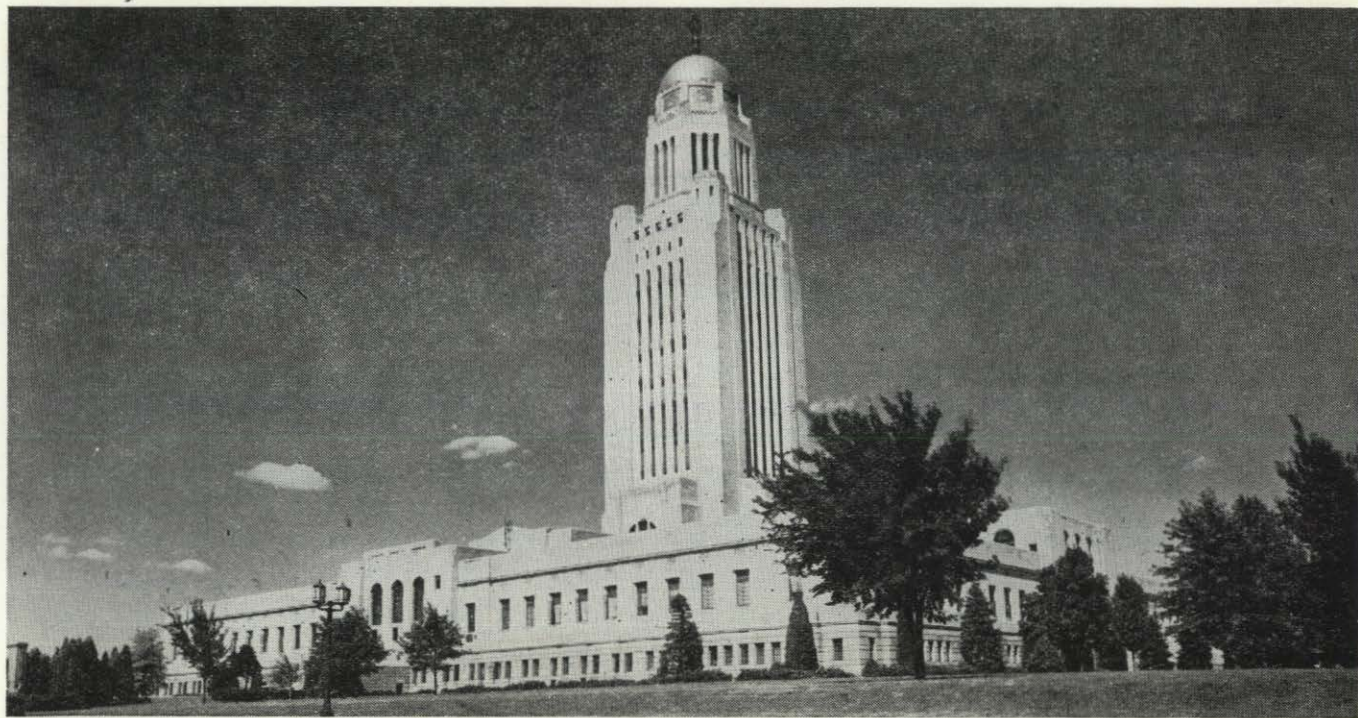
BUREAU OF IRRIGATION
WATER POWER AND DRAINAGE

TO

HONORABLE VAL PETERSON
GOVERNOR OF THE STATE OF NEBRASKA

LINCOLN, NEBRASKA

1949-1950



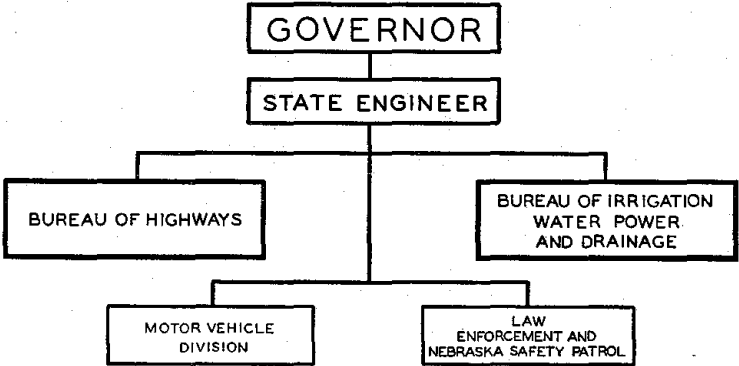
Nebraska State Capitol

PREFACE

The 28th edition of the biennial report of the Department of Roads and Irrigation is published in two volumes.

Volume I contains detailed reports of the Bureau of Highways, the Motor Vehicle Division, and the Law Enforcement and Public Safety Division.

Volume II contains data regarding the water supply of the State, a list of water appropriations of record on September 30, 1950; public districts which have been organized under Chapter 70, Article 6, Revised Statutes of Nebraska, 1943, as amended; public districts dissolved; and a summary of the activities of the Bureau of Irrigation, Water Power and Drainage for the biennium ending September 30, 1950. It also contains the decision entered by the Supreme Court with reference to one case which was appealed from the order of the State Engineer.



ORGANIZATION
OF THE
DEPARTMENT OF ROADS AND IRRIGATION
STATE OF NEBRASKA

EXECUTIVES AND EMPLOYEES
of the
BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE

F. H. Klietsch, State Engineer	Lincoln
Robert H. Willis, Chief	Bridgeport
Dan S. Jones, Jr., Assistant Chief	Lincoln
Edwin S. Kimmel, Office Engineer	Bridgeport
K. I. Ward, Office Manager	Lincoln
David B. Ender, Associate Engineer	North Platte
Robert F. Bishop, Junior Engineer	Bridgeport
C. D. Christensen, Junior Engineer	Bridgeport
S. M. Christensen, Junior Engineer	Bridgeport
P. D. Harrington, Junior Engineer	Bridgeport
John Hintz, Junior Engineer	Hershey
Willard J. Page, Junior Engineer	Grand Island
Jack Ratliff, Junior Engineer	Bridgeport
L. F. Zabel, Junior Engineer	Cambridge
Leo Bohner, Senior Engineer Assistant	Lincoln
M. K. Wilgus, Senior Engineer Assistant	Crawford
David J. Neely, Engineer Assistant	Bridgeport
Stenographers, Clerks and Typists (five)	
Observers (sixteen)	

WATER SUPERINTENDENT

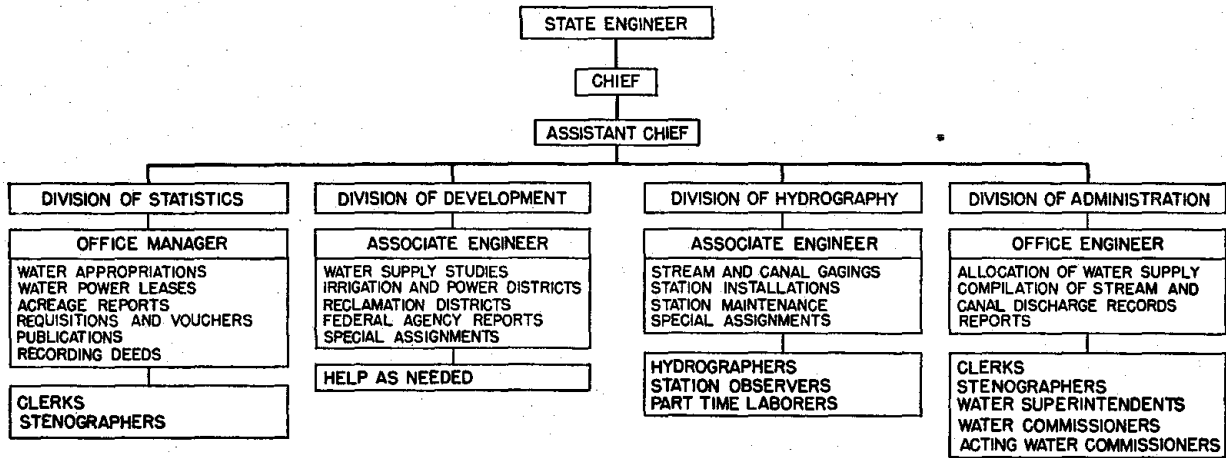
John J. Rasmussen, Superintendent Division No. 2	Crawford
(White River, Hat Creek and Niobrara River Basins)	

WATER COMMISSIONER

James L. Lutey, Lodgepole Creek Basin	Kimball
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ACTING WATER COMMISSIONERS

Elmer Donahue	Ogallala
T. O. Haiston	Bridgeport
Frank B. Ludden	Scottsbluff
C. R. Pledger	Kearney



ORGANIZATION
OF THE
BUREAU OF IRRIGATION
WATER POWER AND DRAINAGE

WATER SUPPLY

The water supply for the entire State for the years 1949-1950 was unusually satisfactory. According to the Federal-State Cooperative Snow Survey reports, the water content of the snow on the North Platte River watershed on May 1, 1949 was 105 per cent of the 14-year average and on May 1, 1950 it was 114 per cent thereof. Corresponding figures for the South Platte River watershed were 89 per cent and 100 per cent.

The runoff of the North Platte River above Pathfinder Dam for the water year ending September 30, 1949, was approximately 1,460,600 acre-feet and 1,173,700 acre-feet for the 1950 water year, or 129 per cent and 104 per cent, respectively, of the seventeen-year (1925-1941) average.

The flow of the North Platte River at Mitchell for the 1949 water year was approximately 524,000 acre-feet or 70 per cent of the seventeen-year average. For the 1950 water year the flow was approximately 445,000 acre-feet or 60 per cent of the seventeen-year average.

The discharge of the Platte River at the confluence of the North and South Platte Rivers for the 1949 water year was approximately 1,750,000 acre-feet which is 105 per cent of the seventeen-year average, and for the 1950 water year it was 1,216,000 acre-feet or 73 per cent of the seventeen-year average.

The flow of the Platte River at Overton, Nebraska, for the year 1949 was approximately 1,369,000 acre-feet and for the year 1950 it was approximately 914,000 acre-feet, which is 88 per cent and 59 per cent of the seventeen-year average, respectively.

The discharge of the Platte River at Duncan, Nebraska, just above its confluence with the Loup River, was 1,534,000 acre-feet in 1949 and 960,000 acre-feet in 1950. The average annual flow at Duncan for the 12-year period (1939-1950) was 883,000 acre-feet. No water is diverted from the Platte River below Duncan for any purpose.

PRECIPITATION

The normal precipitation in the Platte River Basin west of the 99th meridian is generally not sufficient to mature farm crops excepting wheat which does well as a dry farming crop. It is necessary to supplement precipitation with water from streams and wells for the production of most crops.

The approximate average of precipitation between Guernsey, Wyoming, and Kearney, Nebraska, for the 1949 water year was 1.83

feet depth, or 106 per cent of normal. This quantity spread over the 898,000 acres reported irrigated in the Platte River Basin between the 99th and 105th meridians is equivalent to about 1,643,000 acre-feet. For the irrigation of this same acreage, 1,866,000 acre-feet of water was diverted from streams. Assuming the transportation and distribution loss to be fifty per cent, the total quantity applied to the land would be about 2,576,000 acre-feet, or 2.87 feet depth on the 898,000 acres. For the year ending September 30, 1950, the approximate precipitation in the same area averaged 1.67 feet depth or 98 per cent of normal. The area irrigated was approximately 893,000 acres, which was covered with 1,491,000 acre-feet of precipitation and 1,014,000 acre-feet from streams exclusive of the fifty per cent loss. The total quantity of water on the 893,000 acres would be 2,505,000 acre-feet or approximately 2.81 feet depth on the 893,000 acres irrigated between Guernsey, Wyoming, and Kearney, Nebraska, during the 1950 water year. The irrigated acreage stated is based on the acreage reports filed with the department by the appropriators.

FLOODS

The State was comparatively free from serious floods during the first half of the biennium, but during the spring and summer months of 1950, floods of unusual proportions occurred quite frequently throughout Nebraska with those of greatest magnitude and frequency in the eastern part of the State. Following is a summary of a report made by D. D. Lewis, District Engineer, U. S. Geological Survey.

During the late afternoon of May 8, 1950, intense precipitation occurred over the southeastern part of the State. Within less than four hours more than 14 inches of rain had fallen near the storm center, just east of the divide between Salt Creek and Little Nemaha River, and heavy rainfall of lesser intensity occurred in the Weeping Water Creek Basin and in parts of the Big Blue and Nemaha River Basins.

The crest discharge of 29,200 second-feet was recorded at the Salt Creek gaging station at Lincoln at 9 A. M. on May 9. Middle Creek, Oak Creek, and other tributaries entering Salt Creek at Lincoln contributed very little to the peak discharge. Hence, the crest discharge in the lower reaches of Salt Creek were not unusual. Large areas of residential and industrial districts of Lincoln were inundated. Many farm buildings in the flood plain were destroyed and extensive damage resulted to highways, railroads and bridges. It is quite probable that this was the highest discharge that has occurred in Salt Creek at Lincoln although one estimate of the flood of July 5, 1908, was 30,600 second-feet.

Weeping Water Creek crested early on May 9. The villages of Weeping Water and Nehawka were badly flooded. Highways and railroads were damaged extensively and a large acreage of lowland crops

were destroyed. The crest discharge at Weeping Water was computed at 30,300 and at Union it was 60,300 second-feet, more than twice that of June 1947, the highest previously known.

Turkey Creek, in the Big Blue River Basin, had a crest discharge of 21,400 second-feet on May 9, 1950. The Village of DeWitt was so completely inundated that scarcely a building escaped flooding. This was said to be the first time that the village had experienced a serious flood from Turkey Creek.

The most damaging flood occurred in the Little Nemaha River Basin, with the most intense flows in the vicinity of Unadilla and Syracuse. Besides the numerous farm buildings that were swept away, the depot at Unadilla and several residences at Syracuse were carried away and destroyed. Between Unadilla and Syracuse, the railroad tracks were torn up, bridges were washed out and farm equipment was carried away. Drift, lodged above the top crossarms of the telephone poles, provides some evidence of the depth of water which passed over the mile-wide flood plain. The bent and twisted rails gave evidence of the high velocities of the water. Damage of a similar nature was suffered at Dunbar on the North Fork of Little Nemaha River. The entire Little Nemaha valley, from above Unadilla to the mouth, below Auburn, was severely damaged although the intensity of the flood diminished in the lower reaches.

At Syracuse the peak discharge was computed as 225,000 second-feet, from a drainage area of 218 square miles. This amounts to an instantaneous discharge of 1,032 second-feet per square mile of drainage area. At Auburn the peak discharge was 164,000 acre-feet from a drainage area of 664 square miles.

During the floods of May 8 and 9, twenty-three lives were lost and, according to preliminary estimates of the Corps of Engineers and the U. S. Department of Agriculture, property damage exceeded \$65,000,000.

On the afternoon of July 8, 1950, a heavy rain storm, centering at York where 13 inches of rain fell in a period of four hours and extending to the vicinity of Grand Island where as much as 8 inches was recorded, caused an unprecedented flood on Beaver Creek. The City of York and the Village of Beaver Crossing as well as crops and farm buildings were damaged extensively, and many roads and bridges were destroyed.

An unnamed tributary, with a drainage area of 87 square miles, in the vicinity of York discharged 23,000 second-feet at the peak of the flood. Near McCool Junction the peak discharge from a tributary with a drainage area of 36.7 square miles was determined to be 15,200 second-feet. The peak discharges of the West Fork of the Big Blue River at Highway U. S. Number 6 and of the Big Blue River at Crete were 49,400 second-feet and 27,600 second-feet, respectively.

Other floods which were unusual but of less relative magnitude than those just described occurred on June 2 on Union and Shell Creeks, June 17-18 on Verdigre River in northeast Nebraska, July 13-15 on tributaries of the Loup River and small tributaries of the Missouri River, and in August and September on tributaries of the Lodgepole Creek.

RESERVOIRS

The tabulations of the daily content of the Pathfinder Reservoir shown elsewhere in this report do not reflect the quantity that the Pathfinder Reservoir is entitled to impound by virtue of its priority for the reason that part of the Pathfinder storage is temporarily held in the Seminoe Reservoir each water year. This procedure adds to the operating efficiency of the hydroelectric plants below the Seminoe Dam and above the back-water of the Pathfinder Reservoir. The operation of the two reservoirs for power purposes was sanctioned by the United States Supreme Court Decree in the Nebraska-Wyoming suit.

The Pathfinder appropriation was fully supplied for each year in 1949 and 1950. The United States Bureau of Reclamation reported a carry-over of approximately 475,000 acre-feet in the Pathfinder Reservoir on September 30, 1949, and 593,000 acre-feet carry-over on September 30, 1950.

The Guernsey Reservoir is primarily a regulator. The average daily content during the 1949 water year was about 30,000 acre-feet or 60 per cent of its present capacity, and for the 1950 water year the average daily content was about 35,000 acre-feet or 70 per cent of the capacity. The discharge through the Guernsey Dam during the 1949 water year was 1,079,000 acre-feet or 81 per cent of the seventeen-year (1925-1941) average and 1,211,000 acre-feet during the 1950 water year or 91 per cent of the seventeen-year average.

The runoff above the Kingsley Dam during the 1949 water year was approximately 1,205,000 acre-feet or 107 per cent of the ten-year (1941-1950) average. For the 1950 water year the runoff was approximately 1,138,000 acre-feet or 101 per cent of the ten-year average. Of the 1949 runoff, approximately 502,000 acre-feet was impounded and approximately 450,000 acre-feet of the 1950 runoff was impounded.

The Medicine Creek Reservoir on Medicine Creek near Cambridge was constructed by the United States Bureau of Reclamation. Impounding of water began about August 8, 1949 and the quantity in storage on September 30, 1950 was 33,800 acre-feet. No use was made of the water impounded during the 1950 water year.

The quantity of natural flow intercepted in the Box Butte Reservoir on the Niobrara River during the 1949 water year was 27,540 acre-feet and the carry-over on September 30, 1949 was approximately 13,400 acre-feet. For the 1950 water year the peak storage occurred

on June 5 amounting to 30,800 acre-feet. Of this quantity there was 10,300 acre-feet carry-over on September 30, 1950.

The Sutherland Reservoir was used mainly for the regulation of the water diverted into the Sutherland Canal from the North Platte River at Keystone and the South Platte River at Kory for the operation of the hydroelectric plant near North Platte. There was a total of 930,000 acre-feet including carry-over, involved in the operation of the Sutherland system in 1949. The amount involved in 1950 was 903,000 acre-feet, including 1949 carry-over.

The carry-over in the Oliver Reservoir on Lodgepole Creek was 1,490 acre-feet on September 30, 1948, and 8,110 acre-feet was intercepted during the 1949 water year, making a total of 9,600 acre-feet. Of this amount, 1,300 acre-feet was carried over on September 30, 1949. During the 1950 water year 8,370 acre-feet was intercepted, making a total of 9,670 acre-feet, of which there was 3,800 acre-feet carried over on September 30, 1950.

The Bennett Reservoir on Lodgepole Creek had a carry-over of 450 acre-feet on September 30, 1948, and intercepted 4,280 acre-feet in 1949 making a total of 4,730 acre-feet. On September 30, 1949, there was a carry-over of 300 acre-feet. During the 1950 water year, 3,750 acre-feet was intercepted, making a total of 4,050 acre-feet, of which 540 acre-feet was carried over on September 30, 1950.

The Whitney Reservoir on White River had a carry-over on September 30, 1948, of 5,520 acre-feet and intercepted 4,140 acre-feet during the 1949 water year, making a total of 9,660 acre-feet. The carry-over on September 30, 1949 was 4,300 acre-feet. During the 1950 water year 5,500 acre-feet was intercepted making a total of 9,800 acre-feet, of which 4,600 acre-feet was carried over on September 30, 1950.

The Crescent Lake had a carry-over of 3,450 acre-feet on September 30, 1948, and intercepted 2,880 acre-feet from surface runoff making a total of 6,340 acre-feet of which 3,610 acre-feet was carried over on September 30, 1949. Only 980 acre-feet of surface runoff was intercepted during the 1950 water year making a total of 4,590 acre-feet. Of this quantity, 290 acre-feet was withdrawn in July and August for canals diverting from Blue Creek and there was a carry-over of 3,470 acre-feet on September 30, 1950.

The reports of the Kilpatrick (Elmore) Reservoir contents are rather meager. The records show 675 acre-feet in the reservoir on July 11, 1949, and a carry-over of 554 acre-feet on September 30, 1949. There was 802 acre-feet in the reservoir on June 2, 1950, and a carry-over of about 400 acre-feet on September 30, 1950. The lands irrigated under the Oasis and Kilpatrick Canals receive most of the water from this reservoir.

WATER ADMINISTRATION

The department was not confronted with any particularly unusual problems in the administering of the public waters during the biennium. The water supply was ample for projects diverting from the Platte, North Platte and South Platte Rivers. Waters of some tributaries such as Lawrence Fork, Blue Creek, Pumpkinseed Creek, and Lodgepole Creek required constant regulation, but there was good cooperation from the water users.

Under the provisions of Section 46-231 Revised Statutes of Nebraska, 1943, there is no limitation as to the rate of diversion of storage water. Any amount of storage water can be diverted in addition to the natural flow limitation by projects having storage contracts. The capacity of the canals is the only limitation. The following named canals used storage water in addition to natural flow limitations during the 1949 and 1950 seasons: Cozad, Dawson, Enterprise, French, Gothenburg, Gering, Fort Laramie, Interstate, Mitchell, Northport, Orchard-Alfalfa, Paisley, Ramshorn, Six Mile, Tri-State, Tri-County and Sutherland.

No demand was made on the department during the 1949 and 1950 seasons that would require the department to exercise administrative power in the Loup River Basin or the Niobrara River Basin. One person on Pumpkinseed Creek resisted the department's orders to close his headgate and take no water. There was a shortage of water in that stream from July 10, 1950, to the middle of September. This party had no recorded appropriation of water and his refusing to close the headgate to protect senior appropriators necessitated the institution of temporary injunction proceedings on which there had been no hearing up to September 30, 1950. This is the only drastic action taken by the department during this biennium.

The number of pumps and sprinkler systems used in the State has grown a considerable extent. Up to the present time no serious effort has been made by the department to regulate the quantity of public water taken from natural streams by these pumps. It seems that when regulation is necessary it will require the adoption of some satisfactory device for measuring water as it is pumped from the streams. There are now on record some four or five hundred pumps with combined capacity of more than 1,000 second-feet. There are many gravity canals still operating with primitive measuring devices.

The Nebraska Supreme Court held in the Loup River Public Power District vs. North Loup River Public Power and Irrigation District case, as follows:

"The amount of public waters to which an appropriator is entitled is to be measured at the point of diversion from the natural channel of the stream from which the appropriation was made."

The following opinion by F. N. Prout, Attorney General, dated June 9, 1902, is here quoted:

"The appropriators of any of the public waters of the state shall maintain to the satisfaction of the under secretary of the division in which such appropriation is made a substantial headgate at the point where the water is diverted, which shall be of such construction that it can be kept locked and closed by the under assistant, and such appropriator shall construct, and maintain, when required by the under secretary, a flume or measuring device as near the head of such ditch as is practicable, for the purpose of assisting the under assistant in determining the amount of water that may be diverted into said ditch from the stream."

The Assistant Secretary is now known as Water Commissioner, performing the same duties.

OPTIONAL DIVERSION

For a number of years it was the policy of the department to grant optional diversion permits to enable an appropriator to divert water from a source other than the original source of his appropriation. This practice, which was followed without specific statutory authority, has been discontinued in recent years. A bill for an act which would authorize the department to grant optional diversion permits was introduced in the 1947 Legislature but it failed of enactment. The Nebraska Supreme Court in the case of the Lincoln County Drainage District No. 1 vs. Suburban Irrigation District, held that "The waters in such drainage ditches are not subject to legal appropriation under our irrigation laws as waters of natural streams."

In the Platte River Basin during the height of the irrigation season there is as much as 500 second-feet of drainage water diverted for irrigation before it reaches a natural stream. This water should be made available to the legal appropriators in the order of priority.

HYDROGRAPHY

The cooperative stream gaging program of the U. S. Geological Survey and the Department of Roads and Irrigation was continued during the biennium with Federal funds in the amount of \$35,000 being matched annually by the State on a dollar-for-dollar basis. There was an average of seventy gaging stations maintained and operated under the cooperative program during 1949 and 1950. At the close of the 1950 water year the Geological Survey was maintaining seventy-five additional gaging stations in the State in connection with interstate compacts and in the interest of Federal agencies currently engaged in planning water resource developments in the Missouri River Basin.

There are eleven hydrographers employed by the department to gage streams, and to record the water diverted into canals for irrigation, power, and other useful purposes. The frequency of discharge

measurements required on a canal depends upon the accuracy of the rating flume in the canal. The Parshall Flume is the most accurate type of rating flume adaptable for general use in Nebraska canals. The department has for several years encouraged the canal operators to install Parshall Flumes, but at this time there are sixty-five canals using the old style rating flumes. Parshall Flumes are being used in sixteen canals and weirs are used in three canals.

NEW DEVELOPMENT

Construction continued on the irrigation and flood control works in the Republican River Basin which are being built by the U. S. Bureau of Reclamation and the Corps of Engineers. Closure of the Medicine Creek Dam on Medicine Creek near Cambridge was effected in August, 1949, and the dam was completed on December 9, 1949. The Enders Dam on the Frenchman River was completed during the 1950 water year, except for the outlet gates which were to be installed during October 1950, when water was no longer needed for irrigation.

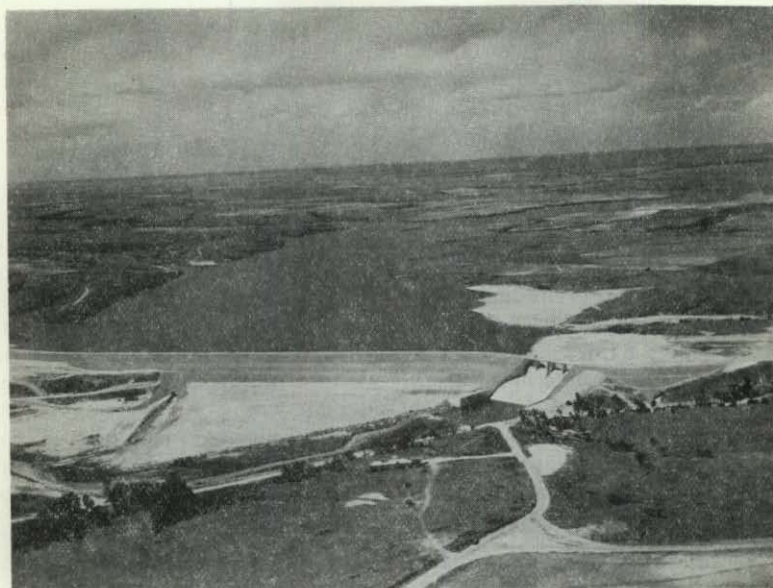
Construction of the foundation for Trenton Dam, across the Republican River, was started on August 22, 1949, and the foundation was completed in June 1950. The contract for construction of the earth fill dam was awarded on June 30, 1950, but no appreciable amount of work had been done at the end of the water year.

The Bonny Dam on the South Fork of the Republican River in Colorado was closed during the summer of 1950, and it is scheduled for completion before June 30, 1951. This reservoir will provide irrigation storage for lands in Colorado and Kansas and possibly a small acreage in Nebraska and it will also provide considerable flood protection.

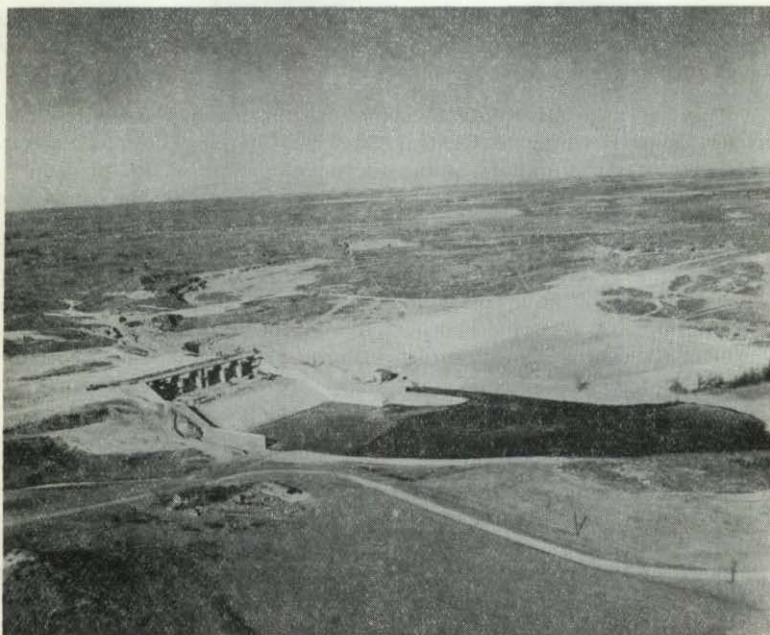
Approximately 20 miles of the Cambridge-Orleans Canal of the Frenchman-Cambridge Irrigation District had been completed prior to September 30, 1950. During the 1950 irrigation season 5,480 acre-feet of water was diverted from the Republican River into the completed portion of the canal. Seventy-nine acre-feet of it was used on the 100-acre Frenchman-Cambridge Development Farm at Arapahoe, and the remainder was used for seasoning the canal or returned to the river.

The Superior-Courtland Diversion Dam on the Republican River near Guide Rock, Nebraska, was completed during the summer of 1950. The Superior Canal and the Nebraska section of the Courtland Canal are under construction and are scheduled for completion by June 1951. These two canals will service the Bostwick Irrigation District consisting of approximately 28,000 acres of irrigable land in Nebraska, and over 60,000 acres in Kansas.

The Harlan County Dam on the Republican River near Republican City, the only dam in the Republican Basin being constructed by the



Aerial View of Medicine Creek Dam, Looking North.



Aerial view of Enders Dam. Caretaker's residence and maintenance facilities at lower left.

Corps of Engineers, is rapidly approaching completion and it is scheduled for closure in June 1951. This reservoir is being constructed primarily for flood protection for the Republican and Kansas River valleys, and it will also provide storage water for the irrigation of the Bostwick District lands.

FUTURE DEVELOPMENT

Investigations and studies in the Lower Platte River Basin and the Niobrara River Basin were continued by the U. S. Bureau of Reclamation. A preliminary draft of a proposed report on a comprehensive plan for the development of irrigation in the Lower Platte Basin was submitted to the State by the Bureau of Reclamation in October 1948. Public meetings were held at numerous towns throughout the basin at which the proposed plan was explained and people were given an opportunity to express their views. In June 1949, the comments of the State were forwarded to the Bureau of Reclamation. The final draft of report on the Lower Platte Basin had not been submitted at the time of this writing.

Definite progress was made with respect to development in the Middle Loup River Basin, as proposed by the Bureau of Reclamation. The Loup Basin Reclamation District, comprising the area proposed for development in the Middle Loup Basin, was formed in February 1950. Detailed surveys and right-of-way appraisals have been made. Preliminary plans and estimates are being prepared with the intention of starting construction in 1952 of the facilities for the irrigation of some 100,000 acres in the Sargent and Farwell vicinities.

The Nebraska Mid-State Reclamation District, in the Platte Valley proper, from Kearney to Central City, was making detailed surveys and preparing preliminary plans for development of its project. A fiscal agent was employed by the district and, apparently, some progress is being made toward the financing of the development.

Planning studies for development of lands for irrigation in southeastern Nebraska have been in progress by the U. S. Bureau of Reclamation. A reconnaissance study has been made on a potential project area located along the Little Blue River commencing just below the town of Angus in Nuckolls County, through Thayer County and the western part of Jefferson County. Development of land along the Big Blue River is also being considered.

In the extreme southwestern part of Nebraska, the Benkelman Unit has also been designated as a potential project for future development. A diversion dam located on the Republican River just below the town of Benkelman would divert water to lands north and south of the river. Parks Reservoir on Rock Creek, a tributary of the Republican River, still in the planning stage, would provide specific storage of water for irrigation of the Benkelman Unit.



View of Cambridge Canal Near Headgate Showing First Water Diverted on April 27, 1950.



Artist's Conception of Enders Dam

PUBLIC POWER AND IRRIGATION DISTRICTS

The department is charged with certain responsibilities in connection with districts organized under the Public Power and Irrigation District act, principal of which are those concerned with the creative petitions of districts and amendments thereto, and the supervision of contract lettings.

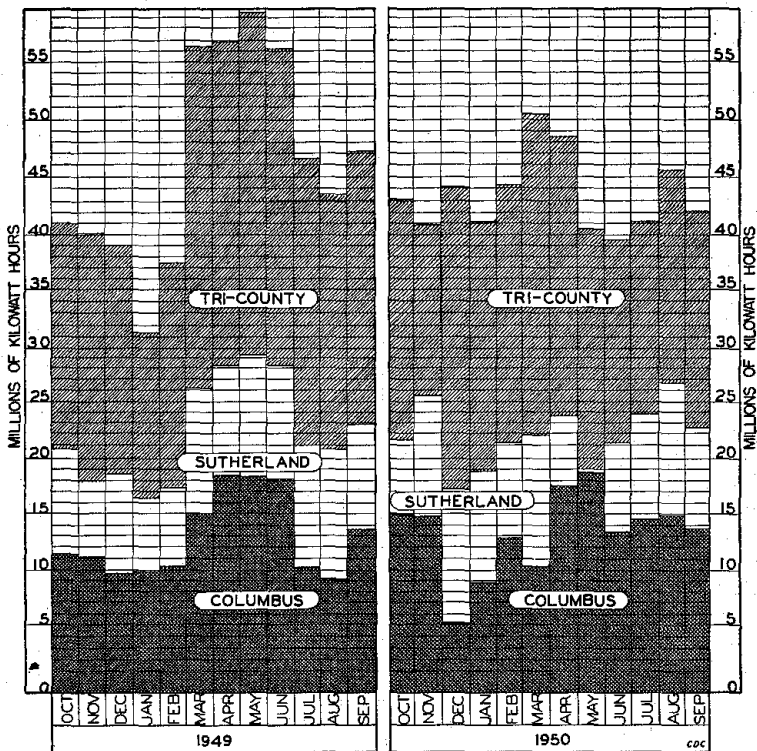
During the biennium, seven hearings were held by the department on petitions filed by public districts. Change in territory, change in name of district or change in number of members of board of directors were involved in six of the petitions. The other was the petition for dissolution of the Republican River Public Power and Irrigation District.

The Bureau of Irrigation supervised the receiving of bids for construction, material, equipment, etc., involving 115 proposals and actual contract awards exceeding \$9,000,000. Lettings of less than \$1,000 and contracts negotiated under emergency provisions of the law are not supervised by the department. Data concerning lettings supervised by the department are given in the tabulation which follows.

Name of District	Address	Number of Lettings	Value of Contracts Awarded
Butler County Rural Public Power District	David City	1	\$ 352,108.65
The Central Nebraska Public Power and Irrig. District	Hastings	19	295,315.46
Consumers Public Power District	Columbus	12	833,283.01
Cornhusker Rural Public Power District	Columbus	3	360,604.35
Cuming County Rural Public Power District	West Point	1	77,414.00
Custer Public Power District	Broken Bow	6	1,315,535.21
Dawson County Public Power District	Lexington	4	750,231.63
Eastern Nebraska Public Power District	Syracuse	6	896,781.83
Howard-Greeley Rural Public Power District	St. Paul	1	85,986.70
Loup River Public Power District	Columbus	40	1,329,507.85
Madison County Rural Public Power District	Battle Creek	2	731,197.94
McCook Public Power District	McCook	2	391,681.90
Norris Rural Public Power District	Beatrice	2	187,941.22
North Central Nebraska Rural Public Power District	Creighton	3	390,953.70
Northeast Nebraska Rural Public Power District	Emerson	1	39,060.94
Omaha Public Power District	Omaha	1	185,758.00
Platte Valley Public Power and Irrigation District	North Platte	4	75,650.00
Polk County Rural Public Power District	Stromsburg	2	70,187.00
Roosevelt Rural Public Power District	Mitchell	1	32,725.15
Southern Nebraska Rural Public Power District	Grand Island	2	268,840.52
Wayne County Rural Public Power District	Wayne	2	200,373.69
York County Rural Public Power District	York	1	407,388.86
		116	\$9,278,528.61

ELECTRICAL ENERGY

GENERATED BY HYDRO POWER PLANTS
OWNED BY THE NEBRASKA PUBLIC POWER SYSTEM



STATISTICAL SUMMARY

The following is a summary of the statistical record for the biennium ending September 30, 1950.

Applications for water appropriations	402
Appropriations canceled	65
Applications dismissed	15
Applications pending to divert water from running streams	105
Applications pending to use ground water for irrigation	419
Hearings held Re: water appropriations	14
Cases appealed to Supreme Court	2
Relocation permits	13
Water power leases issued	1
Irrigation District organized under Ch. 46-101 to 1,154 R.S. 1943	1
Reclamation District organized under Ch. 46-501 to 573, R.S. Supp. 1947	1
Deeds recorded (involving 128 appropriations)	86
Reports of field investigations	271
Maps and plans filed and approved	455
Canal gagings made by Nebraska	7,614
Stream gagings made by Nebraska	11,111
Gaging stations with recording gages	125
Gaging stations with non-recording gages	20
Fees collected covering:	
Applications, plans, power leases, deeds, petitions, certificates, and copying records	\$42,425.44

COURT DECISION

IN RE APPLICATION NO. 4477 FILED WITH THE DEPARTMENT
OF ROADS AND IRRIGATION FOR THE STATE OF NEBRASKA
FOR A PERMIT TO LOWER THE WATERS OF FRAZIER LAKE
LOCATED IN SECTIONS 25 AND 26-28-17, ROCK COUNTY,
NEBRASKA. MAUDE LACKAFF ET AL., APPELLANTS, V.
DEPARTMENT OF ROADS AND IRRIGATION OF THE
STATE OF NEBRASKA, APPELLEE.

— N.W. 2d —

Filed July 24, 1950. No. 32819.

1. **Statutes.** Specific statutory provisions, relating to a particular subject, control over general provisions and leave the latter to operate only outside the former.
2. **Appeal and Error.** The appeal to the district court provided for in section 81-706, R.S. 1943, is a trial de novo as in equity. On appeal to this court the review is by trial de novo as in equity.
3. **Waters.** Where the evidence shows that a drainage ditch to be constructed for the purpose of drainage a natural lake coming within the provisions of section 81-702, R.S. 1943, will result in damage to another person, the Department of Roads and Irrigation is required to deny an application for a permit to construct such ditch under the provisions of section 81-705, R.S. 1943.
4. **Constitutional Law.** A party invoking the provisions of a statute is not in a position to raise the question of its constitutionality.

APPEAL from the district court for Rock County: DAYTON R. MOUNTS, JUDGE. **Affirmed.**

Edgar M. Morsman III, Morsman, Maxwell, Fike & Sawtell, for Appellants.

Clarence S. Beck, Attorney General, and **William T. Gleeson**, for appellee.

Heard before SIMMONS, C. J., CARTER, MESSMORE, YEAGER, CHAPPELL, WENKE, and BOSLOUGH, J. J.

CARTER, J.

This is an appeal from a judgment of the district court for Rock County sustaining the action of the Department of Roads and Irrigation in refusing to issue a permit for a proposed work of drainage.

The evidence shows that Frazier Lake lies within Sections 25 and 26, Township 28, Range 17, in Rock County. It covers approximately 160 acres. The lake watershed is small in area, the source of the waters of the lake in addition to surface waters being springs and

flowing wells. The plaintiffs own about three-fourths of the lake bed, the balance being the property of one Brown. The evidence shows that Holt Creek crosses the south end of Section 26, cuts across the northeast corner of Section 35, and crosses Section 36 in a southeasterly direction. Holt Creek is not a live stream but is a natural watercourse. The record shows that in 1926 a ditch was constructed to carry the waters from plaintiffs' lands into Holt Creek. This ditch has been abandoned. The waters damaging plaintiffs' lands in Section 26 are described as seepage waters which rise in plaintiffs' meadows when the lake is high and recede as the lake level declines in height. No attempt has been made in the past to lower the level of the lake by draining waters directly from it. The evidence shows further that the lake level became high in 1949 and has maintained a high level to the date of the trial in the district court. The waters from the lake have percolated laterally into plaintiffs' lands and created a seepage condition on approximately 60 acres of plaintiffs' meadow lands. This was the general situation existing when plaintiffs on June 3, 1949, applied to the Department of Roads and Irrigation for a permit to lower the waters of Frazier Lake by constructing a ditch on plaintiffs' lands from Frazier Lake to Holt Creek, a distance of 3,000 feet. The plaintiffs have appealed from the order of the district court sustaining the action of the Department of Roads and Irrigation in refusing the permit.

It is the contention of plaintiffs that they are entitled to construct the drainage ditch under the provisions of section 31-201, R.S. 1943, which provides: "Owners of land may drain the same in the general course of natural drainage by constructing an open ditch or tile drain, discharging the water therefrom into any natural watercourse or into any natural depression or draw, whereby such water may be carried into some natural watercourse; and when such drain or ditch is wholly on the owner's land, he shall not be liable in damages therefor to any person or corporation."

The Department of Roads and Irrigation contends that the controlling statutes are sections 81-702 and 81-705, R.S. 1943, which respectively provide: "No person shall drain, lower, or in any manner reduce or divert, the water supply of any natural or perennial lake, if the area exceeds twenty acres at low water stage, or if the lake is of such depth and character as to have more economic importance for fish culture, hunting or other purpose, than the bed of said lake would have for agricultural purposes. Any person, intending to drain, lower, divert, or in any way reduce the waters or water supply of any natural or perennial lake, shall, before commencing the construction of any such work for drainage or diversion, make application to the Department of Roads and Irrigation for a permit to do so."

"If it appears to the Department of Roads and Irrigation that the proposed works of drainage or diversion will result in injury or damage to any person, or will be detrimental to the public welfare and not

result in economic benefit to the state, the department shall refuse to approve the application, and the party making such application shall not prosecute such work so long as such refusal shall continue in force."

It is apparent that section 31-201 is a general law dealing generally with drainage by landowners. Sections 81-702 and 81-705 deal with a specific subject, the drainage of natural lakes covering an area in excess of 20 acres at low water stage. Specific statutory provisions relating to a particular subject control over general provisions. *Canada v. State*, 148 Neb. 115, 26 N.W. 2d 509. Plaintiffs appear to have so considered it, for if section 31-201 alone controlled, no necessity would have existed for obtaining the permit required by section 81-702. The question is one which must be decided under section 81-702 to 81-708 inclusive.

The case will be heard de novo as in equity in this court. In re Application of Iverson, 151 Neb. 802, 39 N.W. 2d 797. The statute authorizing an appeal states that the appeal shall be heard and determined upon proofs by the applicant and the department. §81-706, R.S. 1943. This brings it within the rule announced in the Iverson case.

It is claimed by the Department of Roads and Irrigation that the proposed works of drainage will result in injury or damage to another person. Such a contention, if sustained by the evidence, constitutes a bar to the approval of the application for a permit under the express provisions of section 81-705.

The record shows that when the waters of Frazier Lake are high it subirrigates the adjoining lands to such an extent that they are more productive than when the lake is at normal or low stage. There is evidence also that the construction of the proposed drain will result in damage to the lands of Brown in Section 36. The evidence is that Holt Creek, as it enters the lands owned by Brown, is flat and level, although it constitutes a natural drain. The dumping of the water from Frazier Lake into Holt Creek, although the ditch is wholly on plaintiffs' land, will spread out over Brown's hay and pasture lands, deposit silt thereon, and materially reduce the productivity of such lands. It is estimated that 70 acres of Brown's lands in Section 36 would be thus damaged. We think this evidence warrants a finding that the construction of the ditch described in the application would seriously damage the Brown lands in Section 36 and require a disapproval of the application and a denial of the permit as provided by section 81-705. The evidence clearly sustains the position of the Department of Roads and Irrigation in refusing to grant the permit. *Beem v. Davis*, 111 Neb. 96, 195 N.W. 948; *Davis v. Beem*, 115 Neb. 697, 214 N.W. 633.

The plaintiffs contend that if sections 81-702 to 81-706 are interpreted as urged by the Department of Roads and Irrigation, it purports to authorize the department to determine private rights

between adjacent landowners in violation of Article I, sections 3, 6, and 13, and Article V, section 1, of the Nebraska Constitution. The plaintiffs, having sought relief under the provisions of sections 81-702 to 81-706, are not in position to question its constitutionality. It is fundamental that a person may not seek the benefit of a statute and at the same time question its constitutionality. Plaintiffs may pursue such a course only when the statute is invoked against them. *La Borde v. Farmers State Bank*, 116 Neb. 33, 215 N.W. 559; *Sommerville v. Board of Commissioners of Douglas County*, 116 Neb. 282, 216 N.W. 815; *Federal Farm Mortgage Corporation v. Hughes*, 137 Neb. 454, 289 N.W. 866.

For the reasons stated, the judgment of the district court is affirmed.

AFFIRMED.

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DIVISION OF STATISTICS

WATER DIVISIONS AND WATER DISTRICTS

WATER DIVISIONS: DENOMINATION

The State of Nebraska is hereby divided into two water divisions, denominated Water Division No. 1 and Water Division No. 2, respectively. (Revised Statutes, 1943, 46-215).

WATER DIVISION NO. 1. BOUNDARIES

Water Division No. 1 shall consist of all the lands of the state drained by the Platte rivers and their tributaries lying west of the mouth of the Loup river; and also all other lands lying south of the Platte and South Platte rivers that may be watered from other superficial or subterranean streams not tributary to the Platte River. (Revised Statutes, 1943, 46-216).

WATER DIVISION NO. 2. BOUNDARIES

Water Division No. 2 shall consist of all lands that may be watered from the Loup, White, Niobrara and Elkhorn rivers and their tributaries, and all other lands of the state not included in any other water division. (Revised Statutes, 1943, 46-217).

For convenience in the adjudication of claims and in the distribution of water, these divisions have been subdivided into twelve water divisions, denominated 1-A, 1-B, 1-C, 1-D, 1-E, 1-F, 2-A, 2-B, 2-C, 2-D, 2-E and 2-F, as shown on the opposite page.

CLAIMS AND APPLICATIONS

The following tables give a complete list of all claims and applications of record in the Bureau of Irrigation, Water Power and Drainage, which have not been canceled. This list also includes applications which have been filed and not approved.

The claims and applications have been arranged in each water division by stream in alphabetical order, and the appropriations on each stream are arranged in order of priority.

Appropriations having docket numbers refer to claims covering rights which were acquired under the law prior to April 4, 1895, and those having application numbers are to appropriate water under the law of 1895.

Following these tables are the applications and claims which have been canceled, or dismissed during the past two years.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ash Creek.....	Lobner, Karl.....	Lewellen.....	Gillard Canal.....	Irrig.....	1.43	3	16	42	Garden.....	Dec.	31	1890	812	
Ash Creek.....	Rittenhouse, Evan V.....	Lewellen.....	Pump.....	Irrig.....	.43	10	16	42	Garden.....	Oct.	22	1940		3305
Ash Creek.....	Clark and Clark.....	Lewellen.....	Clark Reservoir.....	Storage.....	†19 AF	34	16	42	Garden.....	Dec.	16	1948		4403
Ash Creek.....	Wolford, Walter J.....	Lewellen.....	Pump.....	Irrig.....		9	16	42	Garden.....	May	1	1950		4660
Ash Creek.....	Wolford, Walter J.....	Lewellen.....	Ash Creek Reservoir.....	Storage.....	†7.5 AF	10	16	42	Garden.....	May	3	1950		4671
Barrow Pit.....	Taylor, A. O.....	Minatare.....	Barrow Pit Canal.....	Irrig.....	.29	19	21	52	Scotts Bluff.....	Apr.	23	1904		751
Big Horn Creek..	Muhr, John O.....	Harrisburg.....	Muhr Canal.....	Irrig.....	1.03	25	19	54	Banner.....	Jan.	24	1947		4027
Birdwood Creek..	Birdwood Irrig. District.	North Platte..	Birdwood Canal.....	Irrig.....	43.64	35	15	33	Lincoln.....	Oct.	21	1893	646	
Birdwood Creek..	Equitable Farm and Stock Imp. Company	North Platte..	West Birdwood Canal..	Irrig.....	8.57	22	15	33	Lincoln.....	Jan.	16	1894	652	
Birdwood Creek..	Kelso, Dick.....	Hershey.....	Pump.....	Irrig.....	1.96	23	16	33	Lincoln.....	June	14	1948		4286

Blue Creek.....	Union Irrig. and Water Power Company	Lewellen.....	Union Canal.....	Irrig.....	23.44	18	16	42	Garden.....	May	16	1890	763
Blue Creek.....	Union Irrig. and Water Power Company	Lewellen.....	Graf Canal.....	Irrig.....	1.20	19	16	42	Garden.....	May	16	1890	763R
Blue Creek.....	Hooper Irrig. District...	Lewellen.....	Hooper Canal.....	Irrig.....	12.25	6	16	42	Garden.....	Sept.	7	1893	781
Blue Creek.....	Hooper Irrig. District...	Lewellen.....	Graf Canal.....	Irrig.....	.21	19	16	42	Garden.....	Sept.	7	1893	781R
Blue Creek.....	Blue Creek Irrig. Dist...	Lewellen.....	Blue Creek Canal.....	Irrig.....	185.71	33	17	42	Garden.....	Dec.	27	1893	785
Blue Creek.....	Meecker Ditch Company	Lewellen.....	Graf Canal.....	Irrig.....	31.43	19	16	42	Garden.....	Apr.	2	1894	788
Blue Creek.....	Meecker Ditch Company	Lewellen.....	Hooper Canal.....	Irrig.....	.27	6	16	42	Garden.....	Apr.	2	1894	788R
Blue Creek.....	Blue Creek Irrig. Dist...	Lewellen.....	Blue Creek Canal.....	Irrig.....	5.20	21	17	42	Garden.....	Sept.	27	1894	795
Blue Creek.....	Paisley Irrig. District...	Oshkosh.....	Paisley Canal.....	Irrig.....	21.00	28	17	42	Garden.....	Nov.	20	1894	800
Blue Creek.....	(No. Platte R.)	Robinson, A. A.....	Midland-Overland Canal	O. D.....	D-800	2	16	44	Garden.....	Nov.	20	1894	1742
Blue Creek.....	Paisley Irrig. District...	Oshkosh.....	Paisley Canal.....	Irrig.....	4.00	28	17	42	Garden.....	July	14	1899	515
Blue Creek.....	Eggers, J. E.....	Lewellen.....	Blue Creek Canal.....	Irrig.....	.43	33	17	42	Garden.....	Jan.	4	1912	1154
Blue Creek.....	Paisley Irrig. District...	Oshkosh.....	Paisley Canal.....	Irrig.....	3.30	28	17	42	Garden.....	Feb.	25	1924	1738
Broncho Lake.....	Miller, True.....	Alliance.....	Broncho Lake.....	Irrig.....	1.16	6	24	48	Box Butte..	May	7	1926	1806
Browns Creek.....	Haxby, George H.....	Bridgeport.....	Haxberry Canal.....	Irrig.....	.43	19	20	48	Morrill.....	July	17	1903	717
Buckhorn Spring.....	The McGinley Land and Cattle Company	Ogallala.....	Maddox Canal.....	Irrig.....	2.28	8	14	36	Keith.....	Oct.	3	1908	918
Buffalo Creek.....	Kopf, Walter W.....	Lexington.....	Pump.....	Irrig.....	.57	21	12	22	Dawson.....	Mar.	3	1926	1799
Buffalo Creek.....	Broe, John L.....	Elm Creek.....	Pump.....	Irrig.....	1.81	35	9	19	Dawson.....	Sept.	15	1926	1859
Buffalo Creek.....	Volkman, Emeal A.....	Eustis.....	Pump.....	Irrig.....	1.62	18	9	19	Dawson.....	July	19	1927	1944
Buffalo Creek.....	Philpot, W. J.....	Overton.....	Pump.....	Irrig.....	3.33	28	9	19	Dawson.....	July	26	1927	1946
Buffalo Creek.....	The Union Central Life Insurance Company	Grand Island.....	Pump.....	Irrig.....	1.65	12	9	20	Dawson.....	Oct.	10	1927	1959
Buffalo Creek.....	Mitchell, Geo. E.....	Elm Creek.....	Pump.....	Irrig.....	2.16	36	9	19	Dawson.....	Feb.	20	1928	1985
Buffalo Creek.....	Manger, Marie.....	Elm Creek.....	Pump.....	Irrig.....	2.22	4	8	18	Buffalo.....	Mar.	5	1928	1988
Buffalo Creek.....	Manger, B. F.....	Elm Creek.....	Pump.....	Irrig.....	2.21	4	8	18	Buffalo.....	Mar.	5	1928	1988R
Buffalo Creek.....	Ross, Julia A.....	Elm Creek.....	Pump.....	Irrig.....	.94	5	8	18	Buffalo.....	Apr.	30	1928	2012
Buffalo Creek.....	Wilson, Harry W.....	Overton.....	Wilson Canal.....	Irrig.....	2.29	18	9	19	Dawson.....	Nov.	12	1928	2052

†Reservoir capacity alleged by applicant.
 "R" Denotes relocation.
 O.D. Denotes optional diversion.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
Buffalo Creek... (See Mud Cr.)	Ulrich, Marie A.....	Lexington....	Pump.....	Irrig.....	.52	1	8	19	Dawson....	Feb.	4	1929		2068	
Buffalo Creek....	Poolson, Ora E.....	Elm Creek....	Pump.....	Irrig.....	1.03	21	9	19	Dawson....	Mar.	5	1929		2074	
Buffalo Creek....	Manger, B. F.....	Elm Creek....	Pump.....	Irrig.....	.23	33	9	18	Buffalo....	June	19	1929		2087	
Buffalo Creek....	Bliss, Earl E.....	Elm Creek....	Pump.....	Irrig.....	4.57	12	9	20	Dawson....	July	13	1929		2089	
Buffalo Creek....	Jensen, Peter E.....	Cozad.....	Pump.....	Irrig.....	1.00	21	11	22	Dawson....	July	17	1929		2090	
Buffalo Creek....	Kopf, Walter W.....	Lexington....	Kopf Reservoir	Storage..	†189	AF	21	12	22	Dawson....	Dec.	23	1930		2180
Buffalo Creek....	Bliss, Earl E.....	Overton....	Pump.....	Irrig.....	1.21	18	9	19	Dawson....	June	20	1940		3185	
Buffalo Creek....	Nebraska Mid-State Reclamation District	Grand Island.	Buckeye Valley Reservoir	Storage..		1	9	20	Dawson....	Sept.	3	1943		3640*	
Buffalo Creek....	Cadwallader, Chas. N..	Lincoln.....	Pump No. 2.....	Irrig.....	.67	3	8	18	Buffalo....	Aug.	7	1948		4322	
Buffalo Creek....	Cadwallader, Chas. N..	Lincoln.....	Pump No. 4.....	Irrig.....	.71	3	8	18	Buffalo....	Aug.	7	1948		4324	
Bull Drain.....	Norris, Mrs. David....	Maxwell....	Norris Canal.....	Irrig.....	.93	29	13	28	Lincoln....	Feb.	18	1932		2253	
Camp Creek....	Wehn, J. H.....	Lincoln.....	Camp Creek Canal.....	Irrig.....	1.43	13	18	49	Morrill....	Mar.	16	1892	866		
Carter Creek....	Gardner, Wm. E., Est..	Gering.....	Carter Canal.....	Irrig.....	3.38	27	21	56	Scotts Bluff	Oct.	13	1922		1691	
Cedar Creek....	Fairchild, Clarence H. et al.	Broadwater..	Nelson-Radcliffe Canal..	Irrig.....	2.77	28	18	48	Morrill....	June	1	1882	1034a		
Cedar Creek....	Fairchild, Howard E....	Broadwater..	Radcliffe Canal No. 2...	Irrig.....	1.23	34	18	48	Morrill....	July	1	1885	1034b		
Cedar Creek....	Fairchild, Clarence H....	Broadwater..	Radcliffe Canal No. 3...	Irrig.....	.76	27	18	48	Morrill....	Feb.	14	1890	1034c		
Clark Reservoir..	Clark and Clark.....	Lewellen....	Clark Canal.....	Irrig.....		34	16	42	Garden....	Dec.	16	1948		4745	
Clear Creek....	Fischer and Scriptor....	Lewellen....	Clear Creek Canal.....	Irrig.....	2.86	32	16	41	Keith.....	July	1	1888	748		
Clear Creek....	Clear Creek Irrig. Co....	Lewellen....	Barber Canal.....	Irrig.....	14.57	29	16	41	Keith.....	May	30	1893	754		

Clear Creek.....	The Central Nebraska Public Power and Irrigation District	Hastings.....	Clear Creek Canal.....	Irrig.....	32	16	41	Keith.....	May	30	1893	754R			
Clear Creek.....	Clark and Bairn.....	Lewellen.....	Williams Canal.....	Irrig.....	1.00	28	16	41	Keith.....	May	18	1894	747		
Clear Creek.....	Barber, Mrs. Frank H....	Lincoln.....	Finch Canal.....	Irrig.....	1.43	4	15	41	Keith.....	June	30	1895	964		
Clear Creek.....	Clear Creek Irrig. Co....	Lewellen.....	Barber Canal.....	Irrig.....	1.14	29	16	41	Keith.....	July	5	1911	1111		
Clear Creek.....	Scripter, Morrison R., Jr., et al	Lewellen.....	Scripter Canal.....	Irrig.....	2.49	32	16	41	Keith.....	Oct.	6	1932	2288		
Clear Creek.....	Barber and Harper.....	Lewellen.....	Harper Canal.....	Irrig.....	2.97	32	16	41	Keith.....	Apr.	15	1933	2316		
#Clear Creek....	Houser, Laura.....	Columbus.....	Hegi Reservoir.....	Storage..	†1.55A	F	21	16	1	Polk.....	May	29	1942	3571	
Coed Creek.....	Slafter, Elmer S.....	Scottsbluff...	Slafter Canal.....	Irrig.....	1.66	17	22	55	Scotts Bluff	July	25	1938	2879		
Cold Water Cr..	Lisco Irrig. District....	Lisco.....	Cold Water Canal.....	Irrig.....	4.29	26	18	46	Garden.....	Sept.	29	1894	796		
Coon Creek.....	Hansen, Henry P.....	North Platte..	Coon Creek Canal.....	Irrig.....	.71	34	15	37	Keith.....	July	3	1895	69		
Coon Creek.....	Hansen, Henry P.....	North Platte..	Coon Creek Canal.....	Irrig.....	1.42	34	15	37	Keith.....	Sept.	16	1912	1225		
Crescent Lake et al	Lake Water Carrying Company	Lewellen.....	Crescent Lake Reservoir.	Storage..	†7000	A	F	21	20	44	Garden.....	Jan.	30	1920	1575
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen.....	Blue Creek Canal.....	Supp. I..	D-785	33	17	42	Garden.....	Jan.	30	1920	1575		
				Supp. I..	D-795	33	17	42	Garden.....	Jan.	30	1920	1575		
				Supp. I..	A-1154	33	17	42	Garden.....	Jan.	30	1920	1575		
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen.....	Graf Canal.....	Supp. I..	D-788	19	16	42	Garden.....	Jan.	30	1920	1575		
				Supp. I..	D-763R	19	16	42	Garden.....	Jan.	30	1920	1575		
				Supp. I..	D-781R	19	16	42	Garden.....	Jan.	30	1920	1575		
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen.....	Hooper Canal.....	Supp. I..	D-781	6	16	42	Garden.....	Jan.	30	1920	1575		
				Supp. I..	D-788R	6	16	42	Garden.....	Jan.	30	1920	1575		
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen.....	Paisley Canal.....	Supp. I..	D-800	28	17	42	Garden.....	Jan.	30	1920	1575		
				Supp. I..	A-515	28	17	42	Garden.....	Jan.	30	1920	1575		
				Supp. I..	A-1738	28	17	42	Garden.....	Jan.	30	1920	1575		

†Reservoir capacity alleged by applicant.

*Application pending.

"R" Denotes relocation.

#Clear Creek in Keith County and Clear Creek in Polk County are separate streams.

Supp. I. Denotes storage water in addition to direct flow.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D	Yr.			
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen.....	Crescent Lake Canal.....	Stor. only.	2.06	21	20	44	Garden.....	Feb.	28	1924		2365	
Deep Holes Creek.	Finn, J. L.....	Broadwater...	Finn Canal.....	Irrig.....	.50	28	18	49	Morrill.....	July	1	1890	836		
Deep Holes Creek.	Hanway, F. P.....	Broadwater...	Emma Canal.....	Irrig.....	1.40	3	18	49	Morrill.....	Mar.	17	1924		1740	
Dry Creek.....	Gleason, Chas.....	Heartwell....	Pump.....	Irrig.....	.87	31	8	13	Kearney....	Oct.	17	1946		3984	
Dry Creek.....	Gleason, Chas.....	Heartwell....	Pump.....	Irrig.....	.30	33	8	13	Kearney....	Nov.	5	1946		4003	
Dry Creek.....	Eckloff, Herman.....	Minden.....	Pump.....	Irrig.....		13	7	15	Kearney....	July	19	1947		4085*	
Dry Creek.....	Norberg, E.....	Funk.....	Pump.....	Irrig.....		28	7	17	Phelps.....	Sept.	8	1948		4338*	
Dry Creek.....	Schrock, Sam T., Jr.....	Elm Creek...	Schrock Reservoir.....	Storage..		12	7	19	Phelps.....	Sept.	24	1948		4345*	
Dugout Creek, Lower	Hecht, Tilford M.....	Broadwater...	Cooper Canal.....	Irrig.....	.86	4	19	48	Morrill.....	Aug.	15	1892	872		
Dugout Creek, Lower	Wagoner, Ralph L.....	Bridgeport...	Mulloy Canal.....	Irrig.....	1.00	27	20	48	Morrill.....	July	18	1907		865	
Dugout Creek, Lower	Hecht, Tilford M.....	Broadwater...	Hagerty Canal.....	Irrig.....	1.00	4	19	48	Morrill.....	Oct.	26	1912		1238	
Dugout Creek, Lower	Hecht, Tilford M.....	Broadwater...	Klondyke Reservoir.....	Storage..	†3.35	A	F	4	19	48	Morrill.....	July	11	1919	1547
Dugout Creek, Lower	Hecht, Tilford M.....	Broadwater...	Hagerty Canal.....	Irrig.....	.29	4	19	48	Morrill.....	May	28	1948		4274	
Elm Creek.....	Scott, Natonia.....	Elm Creek...	Pump.....	Irrig.....	1.14	29	9	18	Buffalo.....	Jan.	28	1929		2066	
Elm Creek.....	Nebraska Mid-State Reclamation District	Grand Island.	Elm Creek Reservoir...	Storage..		35	10	19	Dawson.....	Sept.	3	1943		3641*	
Elm Creek.....	Cadwallader, Chas. N.	Lincoln.....	Pump No. 1.....	Irrig.....	.32	3	8	18	Buffalo.....	Aug.	7	1948		4321	
Elm Creek.....	Cadwallader, Chas. N.	Lincoln.....	Pump No. 3.....	Irrig.....	.77	3	8	18	Buffalo.....	Aug.	7	1948		4323	

Fawcus Springs...	Oliver, John E.....	Bridgeport...	Oliver Canal.....	Irrig.....	2.71	24	20	52	Morrill.....	Apr.	17	1933	2317
Fremont Creek...	Reynolds, Reede.....	North Platte	Pump.....	Irrig.....	.30	21	13	29	Lincoln.....	Feb.	17	1949	4438
Fremont Creek...	Reynolds, Reede.....	North Platte	Pump.....	Irrig.....		21	13	29	Lincoln.....	June	21	1950	4710
Gebauer Lake...	Gebauer and Davis.....	Northport...	Gebauer Canal.....	Irrig.....	.80	28	20	50	Morrill.....	Apr.	25	1930	2138
Glenn Springs...	Glenn, L. R.....	Henry.....	Glenn Canal.....	Irrig.....	.16	3	23	58	Scotts Bluff.	May	29	1933	2324
Golden Creek...	Thies, M. J.....	Ogallala.....	Thies Canal.....	Irrig.....	2.71	25	15	39	Keith.....	Sept.	17	1895	160
Gravel (Sand) Creek	The McGinley Land & Cattle Company	Ogallala.....	Sand Creek Canal.....	Irrig.....	15.71	9	14	36	Keith.....	Jan.	3	1910	974
Greenwood Creek.	Keenan, Mary K.....	Dalton.....	Trinnier Canal.....	Irrig.....	6.29	28	18	50	Morrill.....	Apr.	6	1891	849
Greenwood Creek.	Keenan, Mary K.....	Dalton.....	Nelson Canal.....	Irrig.....	3.00	33	18	50	Morrill.....	Apr.	1	1892	845
Greenwood Creek.	Corman, Margery.....	Bridgeport...	Capron Canal.....	Irrig.....	2.00	15	18	50	Morrill.....	Jan.	1	1893	890
Greenwood Creek.	Meglemre, C. E.....	Bridgeport...	Meglemre Canal.....	Irrig.....	.57	3	18	50	Morrill.....	May	6	1896	294
Greenwood Creek.	Meglemre, C. E.....	Bridgeport...	Meglemre Canal.....	Irrig.....	1.14	3	18	50	Morrill.....	Mar.	11	1907	853
Greenwood Creek.	Keenan, Mary K.....	Dalton.....	Trinnier Canal.....	Irrig.....	1.65	28	18	50	Morrill.....	Aug.	18	1919	1551
Ground Water...	Neil, Leo.....	Cozad.....	Neil Well.....	O. D.....	D-627	33	10	23	Dawson.....	Feb.	18	1938	P204*
Ground Water...	Jones, Vera Springer...	Mitchell.....	Springer Well.....	Irrig.....		1	22	56	Scotts Bluff.	July	24	1939	2939*
Ground Water...	Remender, Dora.....	Morrill.....	Remender Well.....	Irrig.....		24	24	57	Sioux.....	Sept.	25	1939	2974*
Ground Water...	Cooke, O. F.....	Morrill.....	Cooke Well.....	Irrig.....		4	23	57	Scotts Bluff.	Jan.	6	1940	3070*
Ground Water...	Schultz, Lester G.....	Morrill.....	Schultz Well.....	Irrig.....		3	23	57	Scotts Bluff.	Jan.	11	1940	3075*
Ground Water...	Nicholas, Arthur C.....	Central City..	Nicholas Well.....	Irrig.....		30	13	6	Merrick.....	Jan.	22	1940	3083*
Ground Water...	McCoy, Joe.....	Morrill.....	McCoy Well.....	Irrig.....		3	23	57	Scotts Bluff.	May	31	1940	3168*
Ground Water...	Kunz, James G.....	Wood River...	Kunz Well.....	Irrig.....		8	12	10	Hall.....	June	4	1940	3174*
						9	12	10	Hall.....	June	4	1940	3174*
						17	12	10	Hall.....	June	4	1940	3174*
Ground Water...	Kanz, James G.....	Wood River...	Kunz Well.....	Irrig.....		7	11	9	Hall.....	June	4	1940	3175*

Stor-only. Land does not have a direct flow appropriation.

*Application pending.

†Reservoir capacity alleged by applicant.

O.D. Denotes optional diversion.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Ground Water...	Kunz, James G.....	Wood River...	Kunz Well.....	Irrig.....		16	10	12	Hall.....	June	4	1940	3176*
Ground Water...	Schmidt, John.....	Paxton.....	Schmidt Well.....	Irrig.....		23	14	36	Keith.....	June	11	1940	3178*
Ground Water...	Good, Mrs. Elvira J.....	Lincoln.....	Good Wells.....	Irrig.....		1	10	12	Hall.....	June	17	1940	3182*
						3	10	12	Hall.....	June	17	1940	3182*
Ground Water...	Cooke, Mrs. Augusta A.....	Morrill.....	Cooke-Andrews Well.....	Irrig.....		3	23	57	Scotts Bluff.....	June	25	1940	3189*
Ground Water...	Snyder, Mrs. W. P.....	North Platte..	Snyder Well.....	Irrig.....		21	14	36	Keith.....	July	5	1940	3193*
Ground Water...	Hanlon, John A.....	Morrill.....	Hanlon Well.....	Irrig.....		36	24	57	Sioux.....	July	12	1940	3198*
Ground Water...	Peterson, Thorvald.....	Harrisburg...	Peterson Well.....	Irrig.....		31	19	56	Banner.....	Aug.	6	1940	3224*
Ground Water...	Miller, Howard A.....	North Platte..	Miller Well.....	Irrig.....		34	14	31	Lincoln.....	Sept.	10	1940	3260*
Ground Water...	Amundsen, Alfred E.....	Morrill.....	Amundsen Well.....	Irrig.....		31	24	56	Sioux.....	Sept.	11	1940	3261*
Ground Water...	Stockwell, Elsie J.....	Morrill.....	Stockwell Well.....	Irrig.....		2	23	57	Scotts Bluff.....	Sept.	18	1940	3269*
Ground Water...	Fouts, Frederick.....	Central City..	Fouts Well.....	Irrig.....		17	14	6	Merrick.....	Sept.	20	1940	3270*
Ground Water...	Carlson, Lillian D.....	Gothenburg...	Carlson Well.....	Irrig.....		18	12	24	Dawson.....	Oct.	7	1940	3283*
Ground Water...	Dubbs, Mrs. Lillie F.....	Shelton.....	Dubbs Well.....	Irrig.....		33	11	12	Hall.....	Oct.	15	1940	3296*
Ground Water...	Riddell, Dr. Ted E.....	Scottsbluff...	Riddell Well.....	Irrig.....		19	21	53	Scotts Bluff.....	Oct.	18	1940	3299*
Ground Water...	Kamann, Wilhelmina.....	Morrill.....	Kamann Well.....	Irrig.....		1	23	57	Scotts Bluff.....	Oct.	29	1940	3312*
Ground Water...	Fuerst, Otto.....	Scottsbluff...	Fuerst Well.....	Irrig.....		7	23	56	Scotts Bluff.....	Oct.	31	1940	3317*
Ground Water...	Schutz, John W.....	St. Libory...	Schutz Well.....	Irrig.....		14	13	8	Merrick.....	Nov.	5	1940	3325*
Ground Water...	Schutz, Henry.....	St. Libory...	Schutz Well.....	Irrig.....		14	13	8	Merrick.....	Nov.	5	1940	3326*
Ground Water...	Wyatt, L. D.....	Harrisburg...	Wyatt Well.....	Irrig.....		35	19	56	Banner.....	Nov.	7	1940	3327*
Ground Water...	Robbins, G. H.....	Shelton.....	Robbins Well.....	Irrig.....		33	10	13	Buffalo.....	Dec.	6	1940	3342*
Ground Water...	Arbuckle, Roy.....	Kearney.....	Arbuckle Wells.....	Irrig.....		28	9	15	Buffalo.....	Dec.	12	1940	3352*
						21	9	15	Buffalo.....	Dec.	12	1940	3352*
						29	9	15	Buffalo.....	Dec.	12	1940	3352*
Ground Water...	Jeffries, Leota Arbuckle.....	Kearney.....	Jeffries Wells.....	Irrig.....		21	9	15	Buffalo.....	Dec.	12	1940	3353*
Ground Water...	Heider, Bonnie C.....	North Platte..	Heider Well.....	Irrig.....		14	14	32	Lincoln.....	Dec.	14	1940	3354*
Ground Water...	Pieper, Harry A.....	Mitchell.....	Pieper Well.....	Irrig.....		11	22	56	Scotts Bluff.....	Dec.	19	1940	3356*
Ground Water...	Heider, Bonnie C.....	North Platte..	Heider Well.....	Irrig.....		12	14	33	Lincoln.....	Dec.	23	1940	3359*

Ground Water...	Heider, Bonnie C.....	North Platte	Heider Well.....	Irrig.....	12 14 33	Lincoln.....	Dec.	23 1940	3360*
Ground Water...	Shelby, A. M.....	Long Beach	Shelby Well.....	Irrig.....	16 13 30	Lincoln.....	Jan.	18 1941	3371*
Ground Water...	Fleenor, Shelby E.....	Morrill	Travis Well.....	Irrig.....	17 23 57	Scotts Bluff	Jan.	24 1941	3377*
Ground Water...	Johnson, E. H. & O. H.	Omaha	Johnson Well.....	Irrig.....	22 23 57	Scotts Bluff	Jan.	28 1941	3379*
Ground Water...	Hobson, Paul.....	Morrill	Hobson Well.....	Irrig.....	21 24 57	Sioux.....	Feb.	5 1941	3383*
Ground Water...	Robbins, Gordon H.....	Shelton	Robbins Well.....	Irrig.....	15 9 13	Buffalo.....	Feb.	6 1941	3385*
Ground Water...	Kuskte, Bert C.....	Brule	Kuskte Well.....	Irrig.....	29 13 40	Keith.....	Feb.	10 1941	3386*
Ground Water...	Misek, A. A.....	Brainard	Misek Well.....	Irrig.....	36 13 8	Merrick.....	Feb.	11 1941	3388*
Ground Water...	Neil, Leo.....	Cozad	Neil Well.....	Irrig.....	2 9 23	Dawson.....	Feb.	18 1941	3397*
Ground Water...	Janssen, Emil H.....	Morrill	Janssen Well.....	Irrig.....	26 24 57	Sioux.....	Mar.	1 1941	3406*
Ground Water...	Johnson, August B.....	Morrill	Johnson Well.....	Irrig.....	16 24 57	Sioux.....	Mar.	5 1941	3410*
Ground Water...	Whipple, Lydia E.....	Mitchell	Whipple Well.....	Irrig.....	9 22 56	Scotts Bluff	Mar.	31 1941	3421*
Ground Water...	Finke, Henry.....	Grand Island	Finke Well.....	Irrig.....	34 9 19	Dawson.....	Apr.	21 1941	3431*
Ground Water...	Birdsall, Jas. L., et al.	Morrill	Plummer-Birdsall Well..	Irrig.....	1 23 57	Scotts Bluff	Apr.	29 1941	3435*
Ground Water...	Warner, L. H.....	Harrisburg	Warner Well.....	Irrig.....	3 19 57	Banner.....	June	5 1941	3448*
Ground Water...	The Prudential Ins. Co..	Omaha	Wilson-Prudential Well..	Irrig.....	9 9 19	Dawson.....	July	25 1941	3462*
Ground Water...	The Prudential Ins. Co..	Omaha	Radford-Prudential Wells	Irrig.....	19 8 14	Kearney.....	July	25 1941	3463*
Ground Water...	The Prudential Ins. Co..	Omaha	Scott-Prudential Well.....	Irrig.....	4 9 14	Buffalo.....	July	25 1941	3464*
Ground Water...	The Prudential Ins. Co..	Omaha	Mahr-Prudential Well...	Irrig.....	7 9 20	Dawson.....	July	25 1941	3465*
Ground Water...	The Prudential Ins. Co..	Omaha	Ralston-Prudential Well.	Irrig.....	4 11 25	Dawson.....	July	25 1941	3466*
Ground Water...	The Prudential Ins. Co..	Omaha	Schultze-Prudential Well.	Irrig.....	25 11 22	Dawson.....	July	25 1941	3467*
Ground Water...	The Prudential Ins. Co..	Omaha	Smith-Prudential Well...	Irrig.....	26 11 22	Dawson.....	July	25 1941	3471*
Ground Water...	Weldon, Ella M.....	Oshkosh	Weldon Well.....	Irrig.....	30 10 11	Hall.....	Sept.	5 1941	3493*
Ground Water...	Robbins, Harold R.....	Shelton	Robbins Well.....	Irrig.....	25 10 13	Buffalo.....	Sept.	10 1941	3500*
Ground Water...	Robbins, Maude M.....	Los Angeles	Robbins Well.....	Irrig.....	13 10 13	Buffalo.....	Sept.	10 1941	3501*
Ground Water...	Robbins, Maude M.....	Los Angeles	Robbins Well.....	Irrig.....	27 10 13	Buffalo.....	Sept.	10 1941	3502*
Ground Water...	Garrison, George E.....	Lexington	Garrison Well.....	Irrig.....	35 10 21	Dawson.....	Sept.	29 1941	3512*
Ground Water...	Garrison, H. W. and Arthur H.	Lexington	Garrison Well.....	Irrig.....	19 10 21	Dawson.....	Sept.	29 1941	3513*
Ground Water...	Robbins, Gordon H.....	Shelton	Robbins Well.....	Irrig.....	29 10 13	Buffalo.....	Oct.	7 1941	3515*
Ground Water...	Stauffer, F. F.....	Gering	Stauffer Well.....	Irrig.....	20 19 55	Banner.....	Feb.	13 1942	3551*
Ground Water...	Van Way, Glen.....	Gothenburg	Van Wey Well.....	Irrig.....	11 12 25	Dawson.....	June	11 1942	3576*

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Ground Water...	Good, Mrs. O. M.	Lincoln	Good Well	Irrig.		5	10	11	Hall	June	29	1942	3578*
Ground Water...	Robbins, G. H.	Shelton	Robbins Well	Irrig.		33	10	13	Buffalo	Mar.	3	1944	3693*
Ground Water...	Nielsen, E. M.	Columbus	Nielsen Well	Irrig.		1	16	1	Polk	May	12	1944	3727*
Ground Water...	Fouts, F.	Central City	Fouts Well No. 2	Irrig.		20	14	6	Merrick	Oct.	5	1944	3773*
Ground Water...	Fouts, F.	Central City	Fouts Well No. 3	Irrig.		17	14	6	Merrick	Oct.	5	1944	3774*
Ground Water...	Clough, Charles E. and Estes, Elsie	Minatare	Clough Well	Irrig.		30	25	47	Box Butte	Nov.	7	1944	3782*
Ground Water...	Otto, Harvey E. and Son	Phillips	Otto Well	Irrig.		11	10	8	Hamilton	Dec.	12	1944	3787*
Ground Water...	Rugger, C. Roy	Scottsbluff	Rugger Well	Irrig.		10	13	7	Merrick	Mar.	5	1945	3811*
Ground Water...	Nielson, Mrs. Mary A.	Big Springs	Nielson Well	Irrig.		31	13	41	Deuel	Mar.	21	1945	3815*
Ground Water...	Stuart, Wilfred V.	Lexington	Stuart Well	Irrig.		3	9	21	Dawson	June	5	1945	3837*
Ground Water...	Spencer, N. E.	Morrill	Spencer Well	Irrig.		36	24	57	Sioux	Apr.	8	1946	3890*
Ground Water...	Robbins, Gordon H.	Shelton	Robbins Wells	Irrig.		15	9	13	Buffalo	Apr.	29	1946	3897*
Ground Water...	Vieregg, Eva B.	Grand Island	Vieregg Well	Irrig.		33	10	13	Buffalo	Apr.	29	1946	3897*
Ground Water...	Vieregg, Eva B.	Grand Island	Vieregg Well	Irrig.		4	10	11	Hall	May	7	1946	3901*
Ground Water...	Vieregg, Eva B.	Grand Island	Vieregg Well	Irrig.		34	10	12	Hall	May	7	1946	3902*
Ground Water...	Weldon, Ella M., Est.	Lincoln	Weldon Well No. 2	Supp I.	A-3493	34	10	12	Hall	May	7	1946	3903*
Ground Water...	Spencer, George S.	Gibbon	Spencer Well No. 1	Irrig.		30	10	11	Hall	June	10	1946	3914*
Ground Water...	Spencer, George S.	Gibbon	Spencer Well No. 2	Irrig.		9	9	14	Buffalo	July	11	1946	3924*
Ground Water...	Swanson, August	Kearney	Swanson Wells	Irrig.		18	9	13	Buffalo	July	11	1946	3925*
Ground Water...	Swanson, August	Kearney	Swanson Wells	Irrig.		32	9	15	Buffalo	July	27	1946	3932*
Ground Water...	Lucas, Chas.	Los Angeles	Lucas Well	Irrig.		9	9	14	Buffalo	July	27	1946	3933*
Ground Water...	Lucas, Chas.	Los Angeles	Lucas Well	Irrig.		22	10	13	Buffalo	Oct.	7	1946	3975*
Ground Water...	Donovan, John H.	Alliance	Donovan Well	Irrig.		29	10	13	Buffalo	Oct.	7	1946	3976*
Ground Water...	Robbins, Adrienne I.	Shelton	Robbins Well	Irrig.		17	26	50	Box Butte	Nov.	25	1946	4009*
Ground Water...	Brigham, Ray E.	Shelby	Brigham Wells	Irrig.		33	12	9	Hall	Sept.	11	1947	4110*
Ground Water...						34	16	1	Polk	Sept.	12	1947	4112*
Ground Water...						36	16	1	Polk	Sept.	12	1947	4112*

Ground Water....	Hullett and Sorensen..	Cairo.....	Hullett & Sorensen Wells	Irrig.....	30	12	11	Hall.....	Oct.	16	1947	4128*
Ground Water....	Hullett and Sorensen..	Cairo.....	Hullett & Sorensen Wells	Irrig.....	31	12	11	Hall.....	Oct.	16	1947	4129*
Ground Water....	Neuswanger, George....	Alliance....	Neuswanger Well No. 1.	Irrig.....	22	25	48	Box Butte..	Nov.	18	1947	4147*
Ground Water....	Neuswanger, George....	Alliance....	Neuswanger Well No. 2.	Irrig.....	21	25	48	Box Butte..	Nov.	18	1947	4148*
Ground Water....	Glatfelter, Nancy.....	Central City..	Glatfelter Well.....	Irrig.....	16	14	6	Merrick....	Dec.	18	1947	4157*
Ground Water....	McInlay, Archie.....	Central City..	McInlay Wells.....	Irrig.....	22	14	6	Merrick....	Dec.	18	1947	4157*
Ground Water....	Reed, Irwin.....	Chapman.....	Reed Wells.....	Irrig.....	5	13	6	Merrick....	Dec.	18	1947	4158*
Ground Water....	Stander, Earl.....	Chapman.....	Stander Wells.....	Irrig.....	7	13	6	Merrick....	Dec.	18	1947	4158*
Ground Water....	Giantz, Leonard.....	Central City..	Giantz Well.....	Irrig.....	4	12	8	Merrick....	Dec.	19	1947	4160*
Ground Water....	Peterson, Carl.....	Central City..	Peterson Wells.....	Irrig.....	17	12	7	Merrick....	Jan.	8	1948	4169*
Ground Water....	Nash, Frank R.....	Central City..	Nash Wells.....	Irrig.....	18	12	7	Merrick....	Jan.	8	1948	4169*
Ground Water....	Stander, Ralph.....	Archer.....	Stander Well.....	Irrig.....	5	13	6	Merrick....	Jan.	8	1948	4170*
Ground Water....	Stander, Herbert.....	Archer.....	Stander Well.....	Irrig.....	19	15	4	Merrick....	Jan.	9	1948	4172*
Ground Water....	Stander, Howard.....	Archer.....	Stander Well.....	Irrig.....	29	15	6	Merrick....	Jan.	9	1948	4173*
Ground Water....	Bove, Max.....	Chapman.....	Bove Well.....	Irrig.....	32	15	6	Merrick....	Jan.	9	1948	4173*
Ground Water....	Post Bros.....	Stratton.....	Post Bros. Wells.....	Irrig.....	21	14	7	Merrick....	Jan.	9	1948	4174*
Ground Water....	Olson, M. E.....	Grand Island.	Olson Well.....	Irrig.....	26	14	7	Merrick....	Jan.	9	1948	4175*
Ground Water....	Markworth, Henry.....	Chapman.....	Markworth Wells.....	Irrig.....	23	14	7	Merrick....	Jan.	9	1948	4176*
Ground Water....	Justice, Joe A.....	Central City..	Justice Wells.....	Irrig.....	28	14	7	Merrick....	Jan.	9	1948	4176*
Ground Water....	Nitzel, Lloyd I.....	Archer.....	Nitzel Well.....	Irrig.....	19	12	7	Merrick....	Jan.	10	1948	4177*
Ground Water....	Lamb, E. P.....	Clarks.....	Lamb Wells.....	Irrig.....	3	13	7	Merrick....	Jan.	10	1948	4178*
Ground Water....	Nicholas, Orville J....	Palmer.....	Nicholas Well.....	Irrig.....	10	13	7	Merrick....	Jan.	10	1948	4178*
Ground Water....	Tracy, F. H.....	Chapman.....	Tracy Wells.....	Irrig.....	4	13	7	Merrick....	Jan.	12	1948	4180*
Ground Water....	Zamzow, Louis.....	Archer.....	Zamzow Wells.....	Irrig.....	2	12	8	Merrick....	Jan.	13	1948	4181*
Ground Water....					30	13	7	Merrick....	Jan.	13	1948	4181*
Ground Water....					7	13	7	Merrick....	Jan.	15	1948	4182*
Ground Water....					3	14	7	Merrick....	Jan.	16	1948	4183*
Ground Water....					13	14	5	Merrick....	Jan.	16	1948	4184*
Ground Water....					17	14	8	Merrick....	Jan.	28	1948	4192*
Ground Water....					32	13	8	Merrick....	Jan.	31	1948	4194*
Ground Water....					33	13	8	Merrick....	Jan.	31	1948	4194*
Ground Water....					36	14	8	Merrick....	Jan.	31	1948	4195*

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Ground Water...	Zamzow, Otto.....	Archer.....	Zamzow Wells.....	Irrig.....	30	14	7	Merrick.....	Jan.	31	1948		4196*
Ground Water...	Luebbe, Lawrence C.....	Archer.....	Luebbe Well.....	Irrig.....	30	14	7	Merrick.....	Feb.	2	1948		4198*
Ground Water...	Peterson, P. R.....	Lexington.....	Peterson Well.....	Irrig.....	24	9	21	Dawson.....	Feb.	16	1948		4209*
Ground Water...	Wegner, Albert A.....	Archer.....	Wegner Well.....	Irrig.....	20	14	7	Merrick.....	Mar.	5	1948		4229*
Ground Water...	Rinder, Virginia H.....	Grand Island.....	Rinder Well.....	Irrig.....	8	11	26	Lincoln.....	Mar.	27	1948		4235*
Ground Water...	Riddile, Blanche W.....	Oshkosh.....	Riddile Well.....	Irrig.....	30	10	11	Hall.....	Mar.	30	1948		4238*
Ground Water...	Post Bros.....	Stratton.....	Post Bros. Well.....	Irrig.....	10	13	7	Merrick.....	Apr.	20	1948		4248*
Ground Water...	Prochaska, Wm., Sr.....	Palmer.....	Prochaska Wells.....	Irrig.....	12	14	9	Howard.....	May	17	1948		4267*
					7	14	8	Howard.....	May	17	1948		4267*
Ground Water...	Carlson, Warren.....	Loomis.....	Carlson Well.....	Irrig.....	34	8	19	Phelps.....	June	8	1948		4282*
Ground Water...	Rosentrater, John.....	Lincoln.....	Rosentrater Wells.....	Irrig.....	2	13	7	Merrick.....	June	19	1948		4293*
Ground Water...	Calvert, John H.....	Pierce.....	Calvert Well.....	Irrig.....	17	8	20	Phelps.....	July	12	1948		4305*
Ground Water...	Carter, James W.....	Maxwell.....	Carter Well.....	Irrig.....	26	13	29	Lincoln.....	Aug.	5	1948		4319*
Ground Water...	Hanke, Heiman.....	Palmer.....	Hanke Well.....	Irrig.....	36	14	8	Merrick.....	Nov.	3	1948		4357*
Ground Water...	Kyes, Marion.....	Central City.....	Kyes Well.....	Irrig.....	10	14	7	Merrick.....	Nov.	3	1948		4358*
Ground Water...	Smith, Kate.....	Central City.....	Smith Well.....	Irrig.....	30	13	6	Merrick.....	Nov.	5	1948		4359*
Ground Water...	Kyes, Dean C.....	Central City.....	Kyes Well.....	Irrig.....	2	14	7	Merrick.....	Nov.	9	1948		4362*
Ground Water...	Hedges, George E.....	Central City.....	Hedges Well.....	Irrig.....	7	13	6	Merrick.....	Nov.	15	1948		4366*
Ground Water...	Ross, Maud S.....	Central City.....	Ross Well.....	Irrig.....	16	14	5	Merrick.....	Nov.	29	1948		4382*
					35	14	7	Merrick.....	Nov.	29	1948		4382*
Ground Water...	Sampson, Donald F.....	Central City.....	Sampson Well.....	Irrig.....	24	16	6	Merrick.....	Nov.	29	1948		4383*
Ground Water...	Morris, Anna Belle.....	Boulder, Colo.....	Morris Well.....	Irrig.....	9	13	6	Merrick.....	Nov.	29	1948		4384*
Ground Water...	Ross, Elmer E., et al.....	Central City.....	Ross Wells.....	Irrig.....	25	12	8	Merrick.....	Nov.	29	1948		4385*
					15	14	5	Merrick.....	Nov.	29	1948		4385*
Ground Water...	Frazier, A. L.....	Archer.....	Frazier Wells.....	Irrig.....	16	13	7	Merrick.....	Nov.	29	1948		4386*
Ground Water...	Nicholas, Ella C.....	Palmer.....	Nicholas Well.....	Irrig.....	18	14	8	Merrick.....	Nov.	30	1948		4389*
Ground Water...	Hulme, Orville.....	St. Michael.....	Hulme Well.....	Irrig.....	5	11	22	Hall.....	Dec.	3	1948		4390*
Ground Water...	Janky, Joseph.....	Chapman.....	Janky Well.....	Irrig.....	23	13	8	Merrick.....	Dec.	3	1948		4391*

Ground Water...	Lamberson, Otis.....	Palmer.....	Lamberson Well.....	Irrig.....	27	14	8	Merrick.....	Dec.	3	1948	4392*
Ground Water...	Widman, Frank.....	Central City.....	Widman Well.....	Irrig.....	23	13	7	Merrick.....	Dec.	6	1948	4393*
Ground Water...	Janky, F. J.....	Grand Island.....	Janky Well.....	Irrig.....	36	13	8	Merrick.....	Dec.	6	1948	4394*
Ground Water...	Johnston, Bertha E.....	Central City.....	Johnston Well.....	Irrig.....	35	15	7	Merrick.....	Dec.	6	1948	4395*
Ground Water...	Anderson, Mark F.....	Clarks.....	Anderson Well.....	Irrig.....	34	15	5	Merrick.....	Dec.	8	1948	4397*
Ground Water...	Rawlings, Cecil.....	Archer.....	Rawlings Well.....	Irrig.....	22	14	7	Merrick.....	Dec.	8	1948	4398*
Ground Water...	Bader, Alfred.....	Chapman.....	Bader Well.....	Irrig.....	23	12	8	Merrick.....	Dec.	15	1948	4401*
Ground Water...	Rawlings, J. O.....	Archer.....	Rawlings Well.....	Irrig.....	15	14	7	Merrick.....	Dec.	23	1948	4405*
Ground Water...	Fletcher, Minnie A.....	Maxwell.....	Fletcher Well.....	Irrig.....	35	13	29	Lincoln.....	Jan.	4	1949	4415*
Ground Water...	Deichman, Paul.....	Central City.....	Deichman Well.....	Irrig.....	6	13	6	Merrick.....	Jan.	14	1949	4422*
Ground Water...	Ferris, Elwin H.....	Central City.....	Ferris Well.....	Irrig.....	2	14	7	Merrick.....	Jan.	22	1949	4425*
Ground Water...	Shelton, Max.....	Central City.....	Shelton Wells.....	Irrig.....	31	15	6	Merrick.....	Mar.	3	1949	4443*
					32	15	6	Merrick.....	Mar.	3	1949	4443*
Ground Water...	McDowell, F. C.....	Gothenburg.....	McDowell Well.....	Irrig.....	7	10	24	Dawson.....	Mar.	17	1949	4453*
Ground Water...	McDowell, F. C.....	Gothenburg.....	McDowell Well.....	Irrig.....	7	10	24	Dawson.....	Mar.	17	1949	4454*
Ground Water...	Tilgner, Rudolph A.....	Lewellen.....	Tilgner Well.....	Irrig.....	31	16	41	Garden.....	Mar.	25	1949	4456*
Ground Water...	Schneider, John W.....	Redington.....	Schneider Well.....	Irrig.....	26	19	52	Morrill.....	Aug.	2	1949	4495*
Ground Water...	Nelson, Ben F.....	Alliance.....	Nelson Well.....	Irrig.....	4	24	48	Box Butte.....	Aug.	25	1949	4504*
Ground Water...	Johnson, Fred L.....	Harrisburg.....	Johnson Well.....	Irrig.....	1	19	55	Banner.....	Sept.	26	1949	4515*
Ground Water...	Winholtz, Alfred.....	Axtell.....	Winholtz Well.....	Irrig.....	31	7	16	Kearney.....	Jan.	6	1950	4566*
Ground Water...	Donovan, Ruth & John.....	Alliance.....	Donovan Well.....	Irrig.....	17	26	50	Box Butte.....	Jan.	14	1950	4571*
Ground Water...	Smith, Ben F.....	Shelton.....	Smith Wells Nos. 1 & 2.....	Irrig.....	9	9	13	Buffalo.....	Jan.	17	1950	4573*
Ground Water...	Riddile, Blanche W.....	Oshkosh.....	Riddile Well.....	Irrig.....	30	10	11	Hall.....	Feb.	10	1950	4592*
Ground Water...	Elliott, Mrs. Anna H.....	Lincoln.....	Elliott Well.....	Irrig.....	21	11	11	Hall.....	Feb.	11	1950	4595*
Ground Water...	McClellan, Allan D.....	Big Springs.....	McClellan Well.....	Irrig.....	4	12	41	Keith.....	Feb.	15	1950	4597*
Ground Water...	Jelinek, Edw. F.....	Alliance.....	Jelinek Well.....	Irrig.....	15	25	49	Box Butte.....	Feb.	25	1950	4606*
Ground Water...	Reitz, Henry.....	Gering.....	Reitz Well.....	Irrig.....	4	25	47	Box Butte.....	Mar.	21	1950	4623*
Ground Water...	Laing, Robert W.....	Alliance.....	Laing Well.....	Irrig.....	5	25	47	Box Butte.....	Apr.	4	1950	4632*
Ground Water...	Ehrlich Alex.....	Alliance.....	Ehrlich Well.....	Irrig.....	7	24	48	Box Butte.....	Apr.	13	1950	4640*
Ground Water...	The Syndicate Block Co.....	Alliance.....	Syndicate Well.....	Irrig.....	35	25	48	Box Butte.....	Apr.	15	1950	4642*
Ground Water...	Skinner, Neal R.....	Ogallala.....	Skinner Well.....	Irrig.....	10	13	38	Keith.....	May	2	1950	4669*
Ground Water...	Peirson and Scriven.....	Scottsbluff.....	Peirson Well.....	Irrig.....	6	19	56	Banner.....	May	31	1950	4686*
Ground Water...	Jacobs, Merton T.....	Sutherland.....	Pump.....	Irrig.....	3	13	45	Keith.....	June	20	1950	4705*
Ground Water...	Watson, E. A.....	Grand Island.....	Watson Wells.....	Irrig.....	23	11	11	Hall.....	June	21	1950	4706*

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Ground Water....	Watson, E. A.....	Grand Island.	Watson Wells.....	Irrig.....		31	11	10	Hall.....	June	21	1950	4707*
Ground Water....	Watson, E. A.....	Grand Island.	Watson Wells.....	Irrig.....		1	9	10	Hall.....	June	21	1950	4708*
Ground Water....	Eckert, Lloyd E.....	Bridgeport...	Eckert Well.....	Irrig.....		33	19	52	Morrill....	Aug.	14	1950	4737*
Ground Water....	Lakey, Norris B.....	Grand Island.	Lakey Well.....	Irrig.....		20	12	8	Merrick....	Sept.	7	1950	4746*
Horse Creek	Mihan, John, Estate.....	Lyman.....	State Line Canal.....	Irrig....	10.00	33	23	58	Scotts Bluff.	Sept.	10	1897	407
Horse Creek	Braziel and Marsh.....	Morrill.....	Marsh-Braziel Canal...	Irrig....	7.19	4	22	60	Wyoming...	Nov.	24	1908	921
Horse Creek	Gilmore Ditch Ass'n....	Morrill.....	State Line Canal.....	Irrig....	3.71	33	23	58	Scotts Bluff.	Feb.	21	1910	983
Horse Creek	Mihan, John, Estate.....	Lyman.....	State Line Canal.....	Irrig....	2.00	33	23	58	Scotts Bluff.	Apr.	21	1910	994
Horse Creek	Casteel and Jackson.....	Henry.....	State Line Canal.....	Irrig....	1.00	33	23	58	Scotts Bluff.	May	19	1910	1000
Horse Creek	Braziel and Marsh.....	Morrill.....	Marsh-Braziel Canal...	Irrig....	13.00	4	22	60	Wyoming...	Sept.	19	1911	1126
Horse Creek	Great Western Sugar Co.	Scottsbluff..	Lyman Factory	Mfg.....	15.00	34	23	58	Scotts Bluff.	June	16	1926	1819
Hoth Draw.....	Great Western Sugar Co.	Scottsbluff..	Bayard Factory.....	Mfg.....	15.00	34	21	52	Morrill....	Oct.	4	1920	1593
Huffman Lake...	Crabill, Ed E., et al....	Melbeta.....	Huffman Canal.....	Irrig....	1.60	26	21	54	Scotts Bluff.	Mar.	19	1909	937
Huntington Spr...	Card, Mrs. Fred.....	Lyman.....	Card Canal.....	Irrig....	1.43	9	20	58	Scotts Bluff.	Dec.	23	1904	778
Jacobson Res....	Jacobson, Carl A.....	Riverdale....	Pump	Supp. I... Stor-only.	A-1038	31	10	16	Buffalo....	Feb.	3	1920	3870
						31	10	16	Buffalo....	Feb.	3	1920	3870
Kilpatrick Res..	Cook, John B.....	Scottsbluff..	North and South Canals.	Supp. I Stor-only.	D-567	6	24	51	Box Butte..	June	7	1911	1159
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings.....	Tri-County Canal.....	Supp. P..	500,000AF	8	13	29	Lincoln....	July	28	1941	3475
					A-2354	8	13	29	Lincoln....	July	28	1941	3475
					A-3474	8	13	29	Lincoln....	July	28	1941	3475

Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings.....	Tri-County Canal.....	Supp. I Stor-only.	A-2355	8 13 29	Lincoln.....	July	28 1941	3476
						8 13 29	Lincoln.....	July	28 1941		3476
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings.....	Tri-County Canal.....	Stor-only.		8 13 29	Lincoln.....	July	28 1941	3620
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings.....	Tri-County Canal.....	Stor-only.		8 13 29	Lincoln.....	July	28 1941	3823
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings.....	Tri-County Canal.....	Supp. P.	A-2354	8 13 29	Lincoln.....	July	28 1941	3948*
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings.....	Tri-County Canal.....	Supp. I.	A-2355 et al	8 13 29	Lincoln.....	July	28 1941	3960*
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings.....	Tri-County Canal.....	Irrig.....		8 13 29	Lincoln.....	July	28 1941	4656
Kiowa Creek.....	Currie, Edw. A.....	Mitchell.....	Currie Canal.....	Irrig.....		9.14 13 21 57	Scotts Bluff	Mar.	23 1892	938
Kiowa Creek.....	Kellums, John H.....	Morrill.....	Kellums Canal.....	Irrig.....		1.43 11 22 58	Scotts Bluff	Oct.	18 1901	641
Kiowa Creek.....	Kellums, John H.....	Morrill.....	Kellums Canal No. 2.....	Irrig.....		.06 1 22 58	Scotts Bluff	Nov.	29 1907	880
Kopf Reservoir...	Kopf, Walter.....	Lexington...	Pump.....	Supp. I. Stor-only.	A-1799	21 12 22	Dawson....	Dec.	23 1930	2181
Lawrence Fork...	Olsen, H. C.....	Harrisburg...	Laing Canal.....	Irrig.....		.50 28 18 52	Morrill....	Dec.	31 1886	825
Lawrence Fork...	Gilman and Crigler.....	Redington...	Redington Canal.....	Irrig.....		.57 36 19 52	Morrill....	Oct.	9 1889	820
Lawrence Fork...	Lindberg, Fred R., Est..	Bridgeport...	Crigler Canal.....	Irrig.....		.57 1 18 52	Morrill....	Sept.	11 1891	861
Lawrence Fork...	Nelson, Robert P.....	Bridgeport...	Spring Branch Canal.....	Irrig.....		1.00 11 18 52	Morrill....	Oct.	23 1891	862
Lawrence Fork...	Nelson, Robert P.....	Bridgeport...	Spring Branch Canal.....	Irrig.....		.50 11 18 52	Morrill....	May	1 1893	893
Lawrence Fork...	Lindberg, Fred R., Est..	Bridgeport...	Crigler Canal.....	Irrig.....		1.43 1 18 52	Morrill....	Nov.	25 1898	486

*Application pending.

Supp. I. Denotes storage water in addition to direct flow.
Stor-only. Land does not have a direct flow appropriation.
Supp. P. Storage water in addition to direct flow.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Lawrence Fork...	Varah, James R.	Bridgeport...	Niehus Canal.....	Irrig. ....	.86	11	18	52	Morrill....	Mar.	23	1900		550
Lawrence Fork...	Niehus and Nelson.....	Bridgeport...	Spring Branch Canal....	Irrig.	1.43	11	18	52	Morrill....	May	27	1902		669
Lawrence Fork...	Olsen, H. C.	Harrisburg...	Randall Canal.....	Irrig.	2.40	21	18	52	Morrill....	May	15	1911		1100
Lawrence Fork...	King, Wm. O.	Kearney.....	King Canal.....	Irrig.	4.00	15	18	52	Morrill....	Dec.	8	1915		1440
Lawrence Fork...	King, Wm. O.	Kearney.....	King Canal.....	Irrig.	1.00	15	18	52	Morrill....	July	3	1920		1587
Lawrence Fork...	Niehus and Nelson.....	Bridgeport...	Crigler Canal.....	Irrig. ....	.44	1	18	52	Morrill....	Apr.	19	1930		2135
Lawrence Fork...	Niehus-Nelson, et al....	Bridgeport...	Hopeful Canal.....	Irrig. ....	.99	1	18	52	Morrill....	Apr.	19	1930		2135
Lawrence Fork...	Nelson, Robert P.	Bridgeport...	Spring Branch Canal....	Irrig. ....	.58	11	18	52	Morrill....	Sept.	30	1935		2560
Lonergan Creek..	Soehl, Herman H.	Lemoyne.....	Soehl Canal.....	Irrig.	2.00	17	15	39	Keith.....	May	10	1889	697a	
Lonergan Creek..	Jacobs, Lee, Estate....	Lemoyne.....	Lonergan Canal.....	Irrig.	9.15	17	15	39	Keith.....	May	25	1889	699	
Lonergan Creek..	Soehl, Herman H.	Lemoyne.....	Soehl Canal.....	Irrig. ....	.86	17	15	39	Keith.....	Apr.	27	1893	697b	
Lonergan Creek..	Stansbery, Elvina.....	Lemoyne.....	Haney Canal.....	Irrig.	1.14	17	15	39	Keith.....	July	1	1893	719	
Lost Creek.....	Campbell, Wm. N.	Oshkosh.....	Pump	Irrig.	1.69	11	17	44	Garden....	Dec.	23	1929		2118
Mathews Creek ..	Mathews, Benj. G. Est..	Keystone....	Mathews Canal.....	Irrig.	1.14	28	15	37	Keith.....	Apr.	1	1895	750	
McDowell Drain Ditch	McDowell, F. C.	Gothenburg..	Pump	Irrig. ....	.55	7	10	24	Dawson....	Dec.	29	1944		3790
Middle Creek....	Miller, J. L.	Bridgeport...	Miller Upper Canal....	Irrig. ....	.56	33	18	51	Morrill... .	Oct.	19	1936		2646
			Miller Lower Canal....	Irrig. ....	.85	28	18	51	Morrill... .	Oct.	19	1936		2646
Mud Creek (See Buffalo Cr.)	Ulrich, Marie A.	Elm Creek...	Pump	Irrig.	4.20	1	8	19	Dawson....	Feb.	4	1929		2068
Nealy Springs....	Covington, Paul H.	Morrill.....	Covington Pipe Line....	Irrig. ....	.06	11	23	58	Scotts Bluff.	Mar.	27	1933		2311

Nealy Springs...	Prettyman, Z. C.	Henry	Nealy Canal	Irrig.....	.38	11	23	58	Scotts Bluff	Aug.	3	1934	2454
North Platte R. . .	Platte Valley Irrig. Dist.	Hershey	North Platte Canal.....	Irrig.....	300.00	13	14	34	Lincoln.....	May	31	1884	635
(Lincoln County Drain Dist. 1, Ditch 2)	Reimers, Oscar.....	Grand Island.	Pump	O. D.....	D-635	30	14	31	Lincoln.....	May	31	1884	2459
(Lincoln County Drain Dist. 1, Ditch 1)	Frame, Rolland.....	Hershey.....	Pump	O. D.....	D-635	21	14	32	Lincoln.....	May	31	1884	2694
North Platte R. . .	Farmers Irrig. District..	Scottsbluff..	Tri-State Canal	Irrig.....	863.79	3	23	58	Scotts Bluff	Sept.	16	1887	918
North Platte R. . .	Farmers Irrig. District..	Scottsbluff..	Ramshorn Canal.....	Irrig.....	3.07	13	23	58	Scotts Bluff	Sept.	16	1887	918R
(Alliance Drain Feeder)	Farmers Irrig. District..	Scottsbluff..	Tri-State Canal	O. D.....	D-918	18	22	53	Scotts Bluff	Sept.	16	1887	P189*
(Dry Spotted Tail Creek)	Hrasky, Frank and Warner, Violet A.	Mitchell.....	Roberts Canal	O. D.....	D-918	16	23	56	Scotts Bluff	Sept.	16	1887	1241
(Dry Spotted Tail Feeder)	Farmers Irrig. District..	Scottsbluff..	Tri-State Canal	O. D.....	D-918	4	23	56	Scotts Bluff	Sept.	16	1887	P188*
(Dry Spotted Tail Creek)	Morris, C. E.....	Mitchell.....	Kellum Canal	O. D.....	D-918	16	23	56	Scotts Bluff	Sept.	16	1887	P195
(Farmers Canal Seep)	Warner, Frank.....	Morrill.....	Warner Canal.....	O. D.....	D-918	12	23	57	Scotts Bluff	Sept.	16	1887	1769
(Hoth Draw)....	O'Holloren, Jas.....	Bayard.....	O'Holloren Canal.....	O. D.....	D-918	28	21	52	Morrill.....	Sept.	16	1887	1473
(Sheep Creek) ...	Sheep Creek Lateral Co.	Morrill.....	Sheep Creek Lateral.....	O. D.....	D-918	8	23	57	Scotts Bluff	Sept.	16	1887	1176
(Sheep Creek) ...	Sheep Creek Lateral Co.	Morrill.....	Sheep Creek Lateral.....	O. D.....	D-918	8	23	57	Scotts Bluff	Sept.	16	1887	1398
(Sheep Creek) ...	Farmers Irrig. District..	Scottsbluff..	Tri-State Canal	O. D.....	D-918	8	23	57	Scotts Bluff	Sept.	16	1887	P191*
(Tub Springs Feeder)	Farmers Irrig. District..	Scottsbluff..	Tri-State Canal	O. D.....	D-918	27	23	55	Scotts Bluff	Sept.	16	1887	P192*
(Wet Spotted Tail Creek)	Stewart, H. G.....	Mitchell.....	Stewart Canal.....	O. D.....	D-918	10	23	56	Scotts Bluff	Sept.	16	1887	449
(Wet Spotted Tail Creek)	Farmers Irrig. District..	Scottsbluff..	Tri-State Canal	O. D.....	D-918	10	23	56	Scotts Bluff	Sept.	16	1887	P190*

O.D. Denotes optional diversion.

North Platte R..	Empire Canal Company..	Bridgeport...	Empire Canal.....	Irrig.....	28.57	18	20	51	Morrill.....	June	25	1891	858	2248
(Anderson Seep)	Clarke, M. G.....		Okmulgee.....	O. D.....	D-858	26	20	51	Morrill.....	June	25	1891		
North Platte R..	Kah, D., Estate.....	Minatare.....	Kah Canal.....	Irrig.....	4.57	11	21	54	Scotts Bluff	Nov.	1	1891	944	
North Platte R..	Browns Creek Irrigation	Bridgeport...	Browns Creek Canal.....	Irrig.....	188.71	29	20	50	Morrill.....	Jan.	20	1892	857	1033 874 1035
	District													
North Platte R..	Alliance Irrig. District..	Bridgeport...	Alliance Canal.....	Irrig.....	100.00	5	20	52	Morrill.....	Dec.	26	1892		
(Bayard Sugar	Alliance Irrig. District..	Bridgeport...	Alliance Canal.....	O. D.....	D-874	5	20	52	Morrill.....	Dec.	26	1892			1776
Factory Drain)														
(Red Willow Cr.)	Alliance Irrig. District..	Bridgeport...	Alliance Canal.....	O. D.....	D-874	6	20	51	Morrill.....	Dec.	26	1892		1429
North Platte R..	Ramshorn Irrig. District	Morrill.....	Ramshorn Canal.....	Irrig.....	45.71	13	23	58	Scotts Bluff	Mar.	20	1893	945	
North Platte R..	Short Line Irrig. Dist..	Bayard.....	Short Line Canal.....	Irrig.....	65.57	25	21	53	Scotts Bluff	May	1	1893	946	
North Platte R..	Lisco Irrig. District....	Lisco.....	Lisco Canal.....	Irrig.....	19.85	14	18	47	Morrill.....	July	1	1893	856	
North Platte R..	Nine Mile Irrig. District	Bayard.....	Nine Mile Canal.....	Irrig.....	200.00	18	21	53	Scotts Bluff	Dec.	6	1893	925	
(Nine Mile Dr.)	Nine Mile Irrig. District	Bayard.....	Nine Mile Canal.....	O. D.....	D-925	10	21	53	Scotts Bluff	Dec.	6	1893		1431
(Red Willow Cr.)	Belden, Robert O.....	Bayard.....	Pump.....	O. D.....	D-925	32	21	51	Morrill.....	Dec.	6	1893	P262	
North Platte R..	Cody L. & C. Co.....	North Platte..	Cody-Dillon Canal.....	Irrig.....	125.81	9	14	31	Lincoln.....	Dec.	29	1893	649	
North Platte R..	Scott, B. E.....	North Platte..	Pump.....	Irrig.....	1.19	29	14	30	Lincoln.....	Dec.	29	1893	649R	
North Platte R..	Keith-Lincoln Counties	Sutherland...	Keith-Lincoln Canal.....	Irrig.....	186.00	18	14	36	Keith.....	Feb.	2	1894	722	
	Irrigation District													
North Platte R..	Faxton-Hershey Water	Hershey.....	Paxton-Hershey Canal..	Irrig.....	125.77	18	14	33	Lincoln.....	Feb.	12	1894	653	
	Company													
North Platte R..	Lisco Irrig. District....	Lisco.....	Lisco Canal.....	Irrig.....	5.37	14	18	47	Morrill.....	Mar.	27	1894	787R	
North Platte R..	No. River Irrig. District.	Oshkosh.....	Lisco Canal.....	Irrig.....	12.49	14	18	47	Morrill.....	Mar.	27	1894	787R	
North Platte R..	Suburban Irrig. District.	North Platte..	Suburban Canal.....	Irrig.....	181.70	12	14	33	Lincoln.....	May	22	1894	662	
(Lincoln County	Evans, R. V.....	Wallace.....	Pump.....	O. D.....	D-662	26	14	31	Lincoln.....	May	22	1894		2638
Drain Dist. 1,														
Ditch 1)														
(Lincoln County	Suburban Irrig. District.	North Platte..	Suburban Canal.....	O. D.....	D-662	29	14	31	Lincoln.....	May	22	1894		2648
Drain Dist. 1,														
Ditch 2)														

O.D. Denotes optional diversion.
"R" Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
(Lincoln County Drain Dist. 1, Ditch 2)	Evans, R. V.....	Wallace.....	Pump.....	O. D.....	D-662	26	14	31	Lincoln.....	May	22	1894	P198	
(Lincoln County Drain Dist. 1, Ditch 1)	Suburban Irrig. District.	North Platte..	Suburban Canal.....	O. D.....	D-662	25	14	32	Lincoln.....	May	22	1894	P213	
North Platte R..	Roberts, C. F.....	Lewellen.....	Midland-Overland Canal.	Irrig.....	12.00	2	16	44	Garden.....	June	9	1894	789	
North Platte R..	Countryman, Chas., et al	Oshkosh.....	Midland-Overland Canal.	Irrig.....	15.77	2	16	44	Garden.....	Aug.	14	1894	791	
North Platte R..	Hannah Irrig. Co.....	Lisco.....	Hannah Canal.....	Irrig.....	5.71	24	18	47	Morrill.....	Sept.	24	1894	886	
North Platte R..	Oshkosh Irrig. District...	Oshkosh.....	Oshkosh Canal.....	Irrig.....	40.00	33	17	44	Garden.....	Oct.	5	1894	797	
North Platte R..	Beerline Canal Co.....	Broadwater..	Beerline Canal.....	Irrig.....	30.00	24	19	49	Morrill.....	Oct.	13	1894	887	
North Platte R..	Reece, Carrol H., et al.	Oshkosh.....	Spohn Canal.....	Irrig.....	13.14	13	17	45	Garden.....	Dec.	6	1894	801	
North Platte R..	Rush Creek Irrig. Co.....	Lisco.....	Rush Creek Canal.....	Irrig.....	9.64	2	17	46	Garden.....	Dec.	11	1894	802	
North Platte R..	Lyons Irrig. District...	Oshkosh.....	Lyons Canal.....	Irrig.....	38.49	30	17	44	Garden.....	Dec.	22	1894	803	
North Platte R..	Reece, Carrol H., et al.	Oshkosh.....	Spohn Canal.....	Irrig.....	2.40	13	17	45	Garden.....	Dec.	22	1894	803R	
North Platte R..	Western L. and C. Co...	Omaha.....	Signal Bluff Canal.....	Irrig.....	30.13	16	16	43	Garden.....	Jan.	16	1895	807	
North Platte R..	Alfalfa Irrig. District...	Ogallala.....	Alfalfa Canal.....	Irrig.....	100.00	1	15	42	Garden.....	Mar.	25	1895	738	
North Platte R..	Steamboat Irrig. Dist...	Melbeta.....	Steamboat Canal.....	Irrig.....	13.01	4	21	54	Scotts Bluff.	Oct.	22	1895		186
North Platte R..	Steamboat Irrig. Dist...	Melbeta.....	Castle Rock Canal.....	Irrig.....	1.99	3	21	54	Scotts Bluff.	Oct.	22	1895		186R
North Platte R..	No. River Irrig. Canal and W. P. Co.	Oshkosh.....	North River Canal.....	Irrig.....	81.00	14	18	47	Morrill.....	Feb.	24	1896		243
North Platte R..	No. River Irrig. Dist...	Oshkosh.....	North River Canal.....	Irrig.....	76.00	14	18	47	Morrill.....	Feb.	24	1896		243R
North Platte R..	No. River Irrig. Dist...	Oshkosh.....	Oshkosh Canal.....	Irrig.....	2.29	33	17	44	Garden.....	Feb.	24	1896		243R
North Platte R..	Lisco Irrig. District...	Lisco.....	Lisco Canal.....	Irrig.....	9.00	14	18	47	Morrill.....	Feb.	24	1896		243R
North Platte R..	Lees Creek Mutual Irrig. Company	Broadwater..	Lamore Canal.....	Irrig.....	20.00	34	19	48	Morrill.....	July	18	1896		327
North Platte R..	Steamboat Irrig. Dist...	Melbeta.....	Steamboat Canal.....	Irrig.....	.71	4	21	54	Scotts Bluff.	July	22	1896		350
North Platte R..	Steamboat Irrig. Dist...	Melbeta.....	Castle Rock Canal.....	Irrig.....	.15	3	21	54	Scotts Bluff.	July	22	1896		350R

North Platte R...	Gering Irrig. District...	Gering.....	Gering Canal.....	Irrig.....	15.87	4	23	58	Scotts Bluff	Mar.	15	1897	365
North Platte R...	Gering Irrig. District...	Gering.....	Mitchell Canal.....	Irrig.....	193.00	10	23	60	Wyoming...	Mar.	15	1897	365R
North Platte R...	Schermerhorn Irrig. Co.	Bridgeport...	Schermerhorn Canal.....	Irrig.....	29.71	16	20	51	Morrill....	Oct.	25	1897	418
(Camp Clark Seep and Red Willow Creek)	Schermerhorn Irrig. Co.	Bridgeport...	Alliance Canal.....	O. D.....	A-418	9	20	51	Morrill....	Oct.	25	1897	2088
(Degraw Drain)	Mitchell, Bertha N.....	Scottsbluff...	Schermerhorn Canal.....	O. D.....	A-418	14	20	51	Morrill....	Oct.	25	1897	P226
North Platte R...	Farmers Irrig. District...	Scottsbluff...	Tri-State Canal.....	Irrig.....	591.05	3	23	58	Scotts Bluff	Apr.	14	1902	660
North Platte R...	Dept. of the Interior U. S. B. R.	Denver, Colo.	Pathfinder Reservoir...	Stor. and Irrig.	1,070,000	34	29	84	Wyoming...	Sept.	19	1904	768
North Platte R...	Pathfinder Irrig. Dist...	Mitchell.....	Interstate Canal.....	Irrig.....	1572.00	10	26	65	Wyoming...	Sept.	19	1904	768
North Platte R...	Northport Irrig. Dist...	Bridgeport...	Interstate-Tri-State Canal	Irrig.....	230.00	10	26	65	Wyoming...	Sept.	19	1904	768
North Platte R...	Gering & Fort Laramie Irrigation District	Gering.....	Fort Laramie Canal.....	Irrig.....	784.00	10	26	65	Wyoming...	Sept.	19	1904	768
North Platte R...	Empire Canal Company..	Bridgeport...	Empire Canal.....	Irrig.....	1.00	18	20	51	Morrill....	July	20	1907	866
North Platte R...	Lisco Irrig. District....	Lisco.....	Lisco Canal.....	Irrig.....	3.00	14	18	47	Garden....	Apr.	6	1910	991
North Platte R...	French Ditch Company..	Lyman.....	French Canal.....	Irrig.....	11.00	9	23	60	Wyoming...	Dec.	21	1911	1149
North Platte R...	Dobson, Mary E.....	Monrovia, Calif.	Dobson Canal.....	Irrig.....	3.14	5	20	52	Morrill....	Feb.	28	1912	1181
(Red Willow Creek)	Dobson, Mary E.....	Monrovia, Calif.	Dobson Canal.....	O. D.....	A-1181	12	20	51	Morrill....	Feb.	28	1912	1432
North Platte R...	Stone, Myron H.....	San Diego....	Stone Canal.....	Irrig.....	1.00	28	19	46	Morrill....	Jan.	19	1915	1401
North Platte R...	French Ditch Company..	Lyman.....	French Canal.....	Irrig.....	3.00	9	23	60	Wyoming...	Sept.	11	1915	1433
North Platte R...	Leibhardt, Harry G.....	Denver, Colo.	Liebhart Lateral.....	Irrig.....	2.92	6	20	52	Morrill....	Mar.	1	1916	1448
North Platte R...	Intermountain Railway Light and Power Co.	Colo. Springs, Colo.	Gering Hydroelectric Plant	Power....	250.00	10	23	60	Wyoming...	Apr.	15	1916	1452
North Platte R...	U. P. Railroad Co.....	Omaha.....	Locomotive Supply.....	Domestic.	1.00	29	14	30	Lincoln....	Jan.	19	1917	1472
North Platte R...	French Ditch Company..	Lyman.....	French Canal.....	Irrig.....	.60	9	23	60	Wyoming...	Mar.	20	1920	1581
North Platte R...	No. Platte Water Dept..	North Platte.	Water Supply.....	Steam....	.125	29	14	30	Lincoln....	Mar.	16	1927	1912
North Platte R...	Great Western Sugar Company	Scottsbluff...	Gering Factory.....	Mfg.....	15.00	36	22	55	Scotts Bluff	Nov.	15	1928	2054

O.D. Denotes optional diversion.
 "R" Denotes relocation.
 †Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
(Winter Creek Drain)	Great Western Sugar Company	Scottsbluff...	Gering Factory.....	O. D.....	A-2054	31	22	54	Scotts Bluff	Nov.	15	1928	P216
North Platte R...	Great Western Sugar Company	Scottsbluff...	Gering Factory.....	O. D.....	A-2054	26	22	55	Scotts Bluff	Nov.	15	1928	2150
North Platte R...	Chimney Rk. Irrig. Dist.	Bayard.....	Chimney Rock Canal...	Irrig.....	.67	1	20	53	Scotts Bluff	Feb.	2	1931	2190
North Platte R...	Glasgow, Anna.....	Gering.....	Fort Laramie Canal...	Irrig.....	2.11	11	26	65	Wyoming...	July	19	1933	2336
North Platte R...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Sutherland Reservoir...	Storage..	†140,000 AF	2	14	38	Keith.....	Jan.	13	1934	2350
North Platte R...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Sutherland Regulator Reservoir	Storage..	†6000 AF	2	14	38	Keith.....	Jan.	13	1934	2352
North Platte R...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Sutherland Canal.....	Power....	975.00	2	14	38	Keith.....	Jan.	13	1934	2353
North Platte R...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Sutherland Canal.....	Power Incr. Hd	A-2353	2	14	38	Keith.....	Sept.	19	1936	2640
North Platte R...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Sutherland Reservoir...	Storage..	†150,000 AF	2	14	38	Keith.....	Feb.	8	1934	2361
North Platte R...	The Central Nebraska Public P. and I. Dist.	Hastings.....	Kingsley Reservoir.....	Storage..	†2,000,000 AF		15	38	Keith.....	Apr.	27	1934	2374
North Platte R...	Cooper, Wm. Miller.....	Gering.....	Fort Laramie Canal.....	Irrig.....	1.46	11	26	65	Wyoming...	May	5	1934	2378
North Platte R...	Butler, J. A.....	Gering.....	Fort Laramie Canal.....	Irrig.....	.99	11	26	65	Wyoming...	Mar.	23	1940	3123
North Platte R...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Keystone Reservoir.....	Storage..	†1300 AF	2	14	38	Keith.....	Sept.	12	1940	3263
North Platte R...	Ruplinger, Vincent E....	Scottsbluff...	Pump	Irrig.....	.86	17	22	55	Scotts Bluff	May	5	1949	4471
North Platte R...	Steffes, Herb.....	North Platte..	Pump	Irrig.....	2.03	11	14	32	Lincoln.....	Sept.	27	1949	4516
North Platte R...	Calhoun, James.....	North Platte..	Pump	Irrig.....	2.67	12	14	31	Lincoln.....	Mar.	25	1950	4625
North Platte R...	Woodcox, Elgin L.....	Lisco.....	Lisco Canal.....	Irrig.....		14	18	47	Garden.....	Apr.	29	1950	4658
North Platte R...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Sutherland Canal.....	Power....	625.00	2	14	38	Keith.....	May	29	1950	4685

North Platte R., Springs, Trib. to	Pueppka, Lloyd W..... Gatch, Neil M.....	North Platte Gering.....	Pump Gatch Canal.....	Irrig..... Irrig.....	11 14 31 .93 25 21 54	Lincoln..... Scotts Bluff	June Aug.	21 1950 21 1912	4709 1220
Otter Creek.....	Felt, Elmer G., et al...	Lemoyne.....	Otter Creek Canal.....	Irrig.....	3.30 5 15 40	Keith.....	Apr.	1 1891	1032
Otter Creek.....	Otter Creek Mutual Irrigation Company	Lemoyne.....	Otter Creek Canal.....	Irrig.....	10.71 5 15 40	Keith.....	May	24 1912	1198
Otter Creek.....	Otter Creek Mutual Irrigation Company	Lemoyne.....	Otter Creek Canal.....	Irrig.....	1.32 5 15 40	Keith.....	Nov.	6 1912	1240
Otter Creek.....	Otter Creek Mutual Irrigation Company	Lemoyne.....	Otter Creek Canal.....	Irrig.....	15.49 5 15 40	Keith.....	Nov.	6 1912	1
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal.....	Irrig.....	.79 12 22 58	Scotts Bluff	Sept.	17 1897	411
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal.....	Irrig.....	1.14 12 22 58	Scotts Bluff	Oct.	10 1904	770
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal No. 2..	Irrig.....	1.14 12 22 58	Scotts Bluff	Nov.	29 1907	879
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal No. 1..	Irrig.....	.57 12 22 58	Scotts Bluff	Nov.	29 1907	881
Pathfinder Res...	Beerline Canal Co.....	Broadwater...	Beerline Canal.....	Supp. I...	D-887 24 19 49	Morrill.....			
Pathfinder Res...	Browns Cr. Irrig. Dist..	Bridgeport...	Browns Creek Canal.....	Supp. I...	D-857 29 20 50	Morrill.....			
Pathfinder Res...	Central Irrig. District...	Gering.....	Central Canal.....	Supp. I...	D-1033 29 20 50	Morrill.....			
Pathfinder Res...	Chimney Rk. Irrig. Dist..	Bayard.....	Chimney Rock Canal.....	Supp. I...	D-926 27 22 55	Scotts Bluff			
Pathfinder Res...	Enterprise Irrig. Dist....	Scottsbluff...	Enterprise Canal.....	Supp. I...	D-844 1 20 53	Scotts Bluff			
Pathfinder Res...	Farmers Irrig. District..	Scottsbluff...	Tri-State Canal.....	Supp. I...	D-1031 1 20 53	Scotts Bluff			
Pathfinder Res...	French Ditch Company..	Lyman.....	French Canal.....	Supp. I...	D-920 27 33 57	Scotts Bluff			
Pathfinder Res...	Gering Irrig. District...	Gering.....	Gering Canal.....	Supp. I...	D-918 3 23 58	Scotts Bluff			
Pathfinder Res...	Gering & Fort Laramie Irrig. District	Gering.....	Fort Laramie Canal.....	Supp. I...	A-660 3 23 58	Scotts Bluff			
Pathfinder Res...	Mitchell Irrig. Dist.....	Mitchell.....	Mitchell Canal.....	Supp. I...	A-1149 9 23 60	Wyoming...			
					A-1433				
					A-1581				
					A-365 4 23 58	Scotts Bluff			
					A-768 10 26 65	Wyoming...			
					D-1052 10 23 60	Wyoming...			

O.D. Denotes optional diversion.
†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Pathfinder Res...	Northport Irrig. Dist...	Bridgeport...	Interstate Tri-State Canal	Supp. I...	A-768	10	26	65	Wyoming...					
Pathfinder Res...	Pathfinder Irrig. Dist...	Mitchell.....	Interstate Canal.....	Supp. I...	A-768	10	26	65	Wyoming...					
Pawnee Creek....	Haythorn Ranch Co.....	Maxwell.....	Holcombe Canal.....	Irrig....	8.00	13	13	28	Lincoln....	Oct.	18	1890	636	
Pawnee Creek....	Haythorn Ranch Co.....	Maxwell.....	Kent-Burke Canal.....	Irrig....	5.85	18	13	27	Lincoln....	Nov.	16	1922		1694
Pawnee Creek....	Hadley, Orley J.....	Brady.....	Janssen Canal.....	Irrig....	8.42	29	13	27	Lincoln....	Aug.	31	1931		2231
Pawnee Creek....	Murphy, Milton C.....	North Platte..	Pump.....	Irrig....	1.01	33	13	27	Lincoln....	June	19	1940		3184
Platte River.....	Consumers Public Power District	Columbus.....	Kearney Canal.....	Irrig....	22.00	4	8	18	Buffalo....	Sept.	10	1882	1023	
(Kearney Tail Race)	Peaker, Howard.....	Kearney.....	Pump.....	O. D.....	140.00	4	8	18	Buffalo....	Sept.	10	1882	1023	
					D-1023	11	8	16	Buffalo....	Sept.	10	1882		1744
Platte River.....	Platte Valley Public Power & Irrig. Dist.	North Platte..	Gothenburg Canal.....	Irrig....	12.00	19	12	26	Lincoln....	July	5	1890	645a	
				Power....	188.00	19	12	26	Lincoln....	July	5	1890	645a	
Platte River.....	Platte Valley Public Power & Irrig. Dist.	North Platte..	Dawson County Canal...	Irrig....	7.00	18	10	23	Dawson....	June	14	1894	621	
(Dawson County Drainage Dist. No. 1)	Murray, J. E.....	Lincoln.....	Pump.....	O. D.....	D-621	1	9	22	Dawson....	June	14	1894	P201	
Platte River.....	Platte Valley Public Power & Irrig. Dist.	North Platte..	Dawson County Canal...	Irrig....	1142.86	18	10	23	Dawson....	June	26	1894	622	
(Buffalo Creek)..	Savins, Richard T.....	Lexington....	Pump.....	O. D.....	D-622	22	10	21	Dawson....	June	26	1894		1495
(Buffalo Creek)..	Doughty, Mrs. Ida.....	Lexington....	Pump.....	O. D.....	D-622	21	10	21	Dawson....	June	26	1894		1648
(Buffalo Creek)..	Hodgson, Martha.....	Lexington....	Pump.....	O. D.....	D-622	33	10	20	Dawson....	June	26	1894		1868
Platte River.....	Platte Valley Public Power & Irrig. Dist.	North Platte..	Dawson County Canal...	Irrig....	43.43	18	10	23	Dawson....	Sept.	15	1894	624	
(Dawson County Drainage Dist. No. 1)	Rosenberg Brothers.....	Lexington....	Pump.....	O. D.....	D-624	14	9	21	Dawson....	Sept.	15	1894		2129

BUREAU OF IRRIGATION

(Ground Water) ..	Beatty, Henry M.	Lexington ...	Well	O. D.	D-624	20	9	20	Dawson.	Sept.	15	1894		2281
(Ground Water) ..	Beatty, H. T.	Overton	Well	O. D.	D-624	19	9	20	Dawson.	Sept.	15	1894		2513
(Strever Creek) ..	Jurgenson, John ..	Overton	Pump	O. D.	D-624	35	9	20	Dawson.	Sept.	15	1894		2049
Platte River	Platte Valley Public Power & Irrig. Dist.	North Platte ..	Gothenburg Canal ..	Irrig.	240.00	19	12	26	Lincoln.	Sept.	22	1894	645b	
(Pedens Lake) ...	Bean, Smith and Good ..	Cozad.	Excell Canal.	O. D.	D-645b	12	11	23	Dawson.	Sept.	22	1894		1860
Platte River	Six Mile Ditch Co.	Gothenburg ...	Six Mile Canal.	Irrig.	40.00	11	11	26	Lincoln.	Oct.	22	1894	680	
Platte River	Cozad Ditch Company.	Cozad.	Cozad Canal.	Irrig.	359.86	16	11	25	Dawson.	Dec.	28	1894	626	
Platte River	South Side Irrig. Co.	Cozad.	Orchard-Alfalfa Canal.	Irrig.	85.00	9	10	24	Dawson.	Jan.	23	1895	627	
Platte River	Consumers P. P. Dist.	Columbus.	Kearney Canal.	Power.	485.00	3	8	18	Buffalo.	Feb.	12	1920		1577
Platte River	Central Power Company.	Grand Island.	Central Canal.	Steam.	925.00	29	11	8	Merrick.	Aug.	12	1920		1588
Platte River	Steele, Chas.	Elm Creek.	Cottonwood Canal.	Irrig.	5.33	7	8	18	Phelps.	Dec.	15	1921		1629
Platte River	Faught, Carl E., et al.	Cozad.	Orchard-Alfalfa Canal.	Irrig. ....	.80	9	10	24	Dawson.	Oct.	20	1925		1784
Platte River	Johnson, P. L.	Hastings.	Pump	Irrig.	2.56	1	8	13	Buffalo.	Feb.	13	1926		1796
Platte River	Hagge, Fred, et al.	Grand Island.	Pump	Irrig.	4.58	28	11	9	Hall.	Aug.	24	1926		1849
Platte River	Thirty Mile Canal Co.	Gothenburg ...	Thirty Mile Canal.	Irrig.	275.06	30	12	26	Lincoln.	Sept.	7	1926		1853
Platte River	Gruber, Otto J.	Cozad.	Orchard-Alfalfa Canal.	Irrig. ....	.75	9	10	24	Dawson.	Nov.	2	1926		1870
Platte River	Frost, Matts.	Overton	Frost Canal.	Irrig.	1.43	16	9	20	Dawson.	Sept.	3	1927		1957
Platte River	Priel, Wm. and Jas.	Overton	Priel Canal.	Irrig.	2.27	22	9	20	Dawson.	Sept.	3	1927		1958
Platte River	Thirty Mile Canal Co.	Gothenburg ...	Thirty Mile Canal.	Irrig.	50.79	30	12	26	Lincoln.	Dec.	13	1927		1976
Platte River	Schulz, Louis F.	North Platte ..	Pump	Irrig.	2.10	20	12	27	Lincoln.	Oct.	1	1928		2038
Platte River	Platte Valley Public Power & Irrig. Dist.	North Platte ..	Dawson County Canal.	Irrig.	91.11	18	10	23	Dawson.	Oct.	3	1928		2039
(Strever Creek) ..	Wengler, Wm. G.	Overton	Pump	O. D.	A-2039	27	9	20	Dawson.	Oct.	3	1928		2101
Platte River	Thirty Mile Canal Co.	Gothenburg ...	Thirty Mile Canal.	Irrig.	4.57	30	12	26	Lincoln.	Apr.	9	1929		2077
Platte River	Platte Valley Public Power & Irrig. Dist.	North Platte ..	Dawson County Canal.	Irrig.	2.03	18	10	23	Dawson.	Aug.	3	1929		2093
Platte River	Moles, Harold.	Elm Creek.	Elm Creek Canal.	Irrig. ....	.97	6	8	19	Dawson.	Aug.	3	1929		2093R
Platte River	Elm Creek Ditch Co.	Elm Creek.	Elm Creek Canal.	Irrig.	226.43	6	8	19	Dawson.	Sept.	17	1929		2104
Platte River	Platte Valley Public Power & Irrig. Dist.	North Platte ..	Dawson County Canal.	Irrig.	284.91	18	10	23	Dawson.	Oct.	25	1929		2110
Platte River	Platte Valley Public Power & Irrig. Dist.	North Platte ..	Dawson County Canal.	Irrig.	14.21	18	10	23	Dawson.	June	14	1930		2145

Supp. I. Denotes storage water in addition to direct flow.
O.D. Denotes optional diversion.
"R" Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			No. Doc.	No. App.	
						S	T	R	County	Mo.	D			Yr.
(Dawson County Drain Dist. No. 1)	Sheldon, Mrs. O. N.....	Lexington....	Pump	O. D.....	A-2145	11	9	21	Dawson....	June	14	1930		P197
Platte River	Eavey, W. J.....	Hastings.....	Pump	Irrig.....	1.70	3	12	27	Lincoln....	Feb.	20	1931		2191
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte..	Dawson County Canal..	Irrig.....	12.71	18	10	23	Dawson....	Mar.	1	1932		2262
Platte River	The Central Nebraska Public P. and I. Dist.	Hastings.....	Tri-County Canal.....	Irrig.....	1171.00	8	13	29	Lincoln....	Jan.	13	1934		2355
			Phelps Canal.....			2	8	21	Gosper....	Jan.	13	1934		2355
			Adams County Canal....			17	8	15	Buffalo....	Jan.	13	1934		2355
Platte River	The Central Nebraska Public P. and I. Dist.	Hastings.....	Plum Creek Reservoir...	Storage..	†509,000 AF	8	13	29	Lincoln....	Apr.	27	1934		2351
Platte River	The Central Nebraska Public P. and I. Dist.	Hastings.....	Tri-County Canal.....	Power....	1500.00	8	13	29	Lincoln....	Apr.	27	1934		2354
Platte River	The Central Nebraska Public P. and I. Dist.	Hastings.....	Tri-County Canal.....	Power Incr. Hd	A-2354	8	13	29	Lincoln....	July	28	1941		3474
Platte River	Tyler, Floyd.....	Chapman.....	Pump	Irrig.....	.96	2	12	7	Merrick....	May	17	1940		3163
Platte River	Nebraska Mid-State Reclamation District	Grand Island.	Lower Mid-State Canal..	Irrig.....		11	8	16	Buffalo....	Aug.	30	1943		3633*
Platte River	Nebraska Mid-State Reclamation District	Grand Island.	Upper Mid-State Canal..	Irrig.....		31	9	20	Dawson....	Aug.	30	1943		3634*
Platte River	Nebraska Mid-State Reclamation District	Grand Island.	Mid-State Reservoir System	Storage..		31	9	20	Dawson....	Sept.	3	1943		3638*
Platte River	Nebraska Mid-State Reclamation District	Grand Island.	Upper Prairie Creek Reservoir No. 2	Storage..		11	8	16	Buffalo....	Sept.	3	1943		3643*
Platte River	Nebraska Mid-State Reclamation District	Grand Island.	Wood River Plant.....	Power....		31	9	20	Dawson....	Sept.	11	1943		3645*
			Buckeye Plant No. 1....	Power....		6-7	8	20	Dawson....	Sept.	11	1943		3645*
			Upper Prairie Cr. Plant.	Power....		31	9	20	Dawson....	Sept.	11	1943		3648*
Platte River	Nebraska Mid-State Reclamation District	Grand Island.	Odessa Plant.....	Power....		6-7	8	20	Dawson....	Sept.	11	1943		3648*

Platte River	Nebraska Mid-State Reclamation District	Grand Island.	Buckeye Plant No. 2	Power	11	8	16	Buffalo	Sept.	17	1943	3851*		
Platte River	Platte Valley Public Power & Irrig. Dist.	North Platte..	Gothenburg Canal	Irrig.	43.67	19	12	26	Dawson	Apr.	20	1944	3716	
Platte River	Nebraska Mid-State Reclamation District	Grand Island.	Elm Creek Section of the Mid-State Res. System	Storage	36	9	21	Dawson	May	11	1944	3725*		
Platte River	North Gothenburg Public Power & Irrig. Dist.	Gothenburg...	North Gothenburg Canal	Irrig.	2	8	21	Dawson	May	11	1944	3725*		
Platte River	North Gothenburg Public Power & Irrig. Dist.	Gothenburg...	Roten Reservoir	Storage	24	13	29	Lincoln	Jan.	22	1945	3797*		
Platte River	Walter, Louise E.	Kearney.....	Pump	Irrig.	.18	10	8	16	Buffalo	Feb.	11	1947	4033	
Platte River	Walter, Louise E.	Kearney.....	Pump No. 2	Irrig.	.35	10	8	16	Buffalo	Apr.	2	1949	4461	
Platte River	The Central Nebraska Public P. & I. Dist.	Hastings.....	Tri-County Canal	Power	700.00	8	13	29	Lincoln	May	11	1950	4674	
Platte River Ravine, Trib. to	Harvey, Henry M.	Gothenburg...	Harvey Reservoir	Storage	†35	AF	28	9	17	Buffalo	Sept.	28	1937	2791
Platte River Ravine, Trib. to	Johnson, Glenn A.	Holdrege.....	Johnson Reservoir	Storage	†10	AF	28	6	19	Phelps	Sept.	1	1944	3760
Platte River Ravine, Trib. to	Walter, Orville L.	Kearney.....	Walter Reservoir	Storage	†57	AF	27	9	17	Buffalo	Nov.	13	1944	3784
Platte River Ravine, Trib. to	Cover, Noel	Cozad.....	Cover Reservoir	Storage	†160	AF	11	12	24	Dawson	Jan.	23	1945	3799
Platte River Ravine, Trib. to	Lauby, M. J.	Lexington....	Lauby Reservoir	Storage	†82	AF	18	9	22	Dawson	Feb.	8	1946	3873
Platte River Ravine, Trib. to	Stark, Walter J.	Loomis.....	Pump	Irrig.		8	6	19	Phelps	Aug.	12	1950	4735*	
Plum Creek	Delatour, Agnes E.	Ft. Collins, Colo.	Plum Creek Reservoir	Irrig.	.74	23	16	42	Garden	Jan.	12	1914	1344	
Plum Creek	Delatour, Agnes E.	Ft. Collins....	Plum Creek Reservoir	Irrig.	.40	14	16	42	Garden	Jan.	12	1914	1344R	
Plum Creek	Nelson, Gilbert	Smithfield....	Pump	Irrig.	.33	5	7	21	Gosper	Mar.	14	1935	2527	

O.D. Denotes optional diversion.
†Reservoir capacity alleged by applicant.
*Application pending.
"R" Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Prairie Creek...	MacQueen, Glen D.....	Silver Creek..	Pump	Irrig.....	7.89	29	16	3	Merrick.....	Sept.	8	1931		2235
Prairie Creek...	Santin, Henry.....	Clarks	Pump	Irrig.....	.36	24	15	6	Merrick.....	Sept.	5	1939		2958
Prairie Creek...	Shotkoski, David P., et al	Silver Creek..	Pump	Irrig.....	.53	25	16	5	Nance.....	Sept.	1	1941		3350
Prairie Creek...	Tarnick, Joe.....	Fullerton.....	Pump	Irrig.....	.50	34	16	5	Nance.....	Apr.	17	1948		4245
Prairie Creek...	Lippincott, H. R.....	Shelton.....	Pump	Irrig.....	2.19	26	15	6	Merrick.....	July	16	1948		4307
Prairie Creek...	Boryca, Adam.....	Fullerton.....	Pump	Irrig.....	.47	26	16	5	Nance.....	Sept.	13	1948		4341
Prairie Creek...	Pieczonka, Wm.....	Fullerton.....	Pump	Irrig.....	.20	30	16	4	Nance.....	Mar.	28	1949		4458
Prairie Creek...	Brandes, Carl H.....	Central City..	Pump	Irrig.....		31	15	6	Merrick.....	June	14	1950		4703
Pumpkinseed Cr..	Kelley, Wm. J.....	Harrisburg...	Kelley Canal.....	Irrig.....	1.43	5	19	54	Banner.....	May	10	1886	915	
Pumpkinseed Cr..	Nielsen, Valdemar A.....	Bridgeport...	Dickey Brown Canal...	Irrig.....		30	19	52	Morrill.....				1055*	
Pumpkinseed Cr..	Zingg, Henry N.....	Platte Center.	Heard Canals Nos. 1-2..	Irrig.....	1.29	14	19	54	Banner.....	June	1	1887	916	
Pumpkinseed Cr..	Olsen, Iler, et al.....	Harrisburg...	Logan Canal.....	Irrig.....	4.00	7	19	55	Banner.....	July	16	1890	902	
Pumpkinseed Cr..	Court House Rock Co.	Bridgeport...	Court House Rock Canal	Irrig.....	30.50	30	19	50	Morrill.....	Oct.	6	1890	840	
Pumpkinseed Cr..	Nielsen, Eiler S. and Halver G.	Bridgeport...	Smith-Wheeler South Canal	Irrig.....	1.57	26	19	51	Morrill.....	Oct.	16	1890	842a	
Pumpkinseed Cr..	Mutual Ditch Company..	Redington...	Mutual Canal.....	Irrig.....	8.57	33	19	52	Morrill.....	Nov.	1	1890	843	
Pumpkinseed Cr..	Sweet, S. R. Estate.....	Ft. Collins...	Meredith-Ammer Canal.	Irrig.....	14.00	23	19	50	Morrill.....	Feb.	20	1893	876	
Pumpkinseed Cr..	Finn and Trott.....	Bridgeport...	Last Chance Canal.....	Irrig.....	6.32	27	19	50	Morrill.....	Apr.	12	1894	883	
Pumpkinseed Cr..	McCord, Mrs. Gracie.....	San Bernar- dino, Calif.	Round House Rock Canal	Irrig.....	2.77	28	19	51	Morrill.....	May	29	1894	884	
Pumpkinseed Cr..	Nunn, Rose.....	Bridgeport...	Nunn Canal.....	Irrig.....	.23	27	19	51	Morrill.....	May	29	1894	884R	
Pumpkinseed Cr..	Nielsen, Eiler S. and Halver G.	Bridgeport...	Smith-Wheeler North Canal	Irrig.....	.71	26	19	51	Morrill.....	June	1	1896	842b	
Pumpkinseed Cr..	Cluck, Millard.....	Scottsbluff...	Peter Canal.....	Irrig.....	2.57	2	19	56	Banner.....	July	1	1902	913	
Pumpkinseed Cr..	Mead, John H., et al.....	Scottsbluff...	Airedale Canal No. 1..	Irrig.....	5.52	2	19	55	Banner.....	Jan.	24	1903		698
						1	19	55	Banner.....	Jan.	24	1903		698

Pumpkinseed Cr.	Mead, John H., et al.	Scottsbluff...	Airedale Canal No. 2...	Irrig.....	3.22	1	19	55	Banner.....	Jan.	24	1903	699
Pumpkinseed Cr.	Gifford, Harold and Olson, Omar A.	Gering.....	Scott Reservoir.....	Stor. and Irrig.	1.31	7	19	35	Banner.....	June	24	1903	711
Pumpkinseed Cr.	Seybolt, Floyd.....	Lincoln.....	Court House Rk. Canal.	Irrig.....	.43	30	19	50	Morrill.....	Feb.	28	1907	851
Pumpkinseed Cr.	Mead, John H., et al.	Scottsbluff...	Airedale Canal No. 2....	Irrig.....	1.48	1	19	55	Banner.....	Oct.	26	1911	1133
Pumpkinseed Cr.	Mead, John H., et al.	Scottsbluff...	Airedale Canal No. 1....	Irrig.....	.51	2	19	55	Banner.....	Sept.	4	1914	1380
Pumpkinseed Cr.	Mead, John H., et al.	Scottsbluff...	Airedale Canal No. 3....	Irrig.....	4.41	2	19	55	Banner.....	Mar.	15	1918	1508
Pumpkinseed Cr.	Quinn, T. E.....	Bridgeport...	Quinn Canal.....	Irrig.....	.23	20	19	51	Morrill.....	Oct.	15	1919	1561
Pumpkinseed Cr.	Sears, Sigsby S.....	Omaha.....	Pump.....	Irrig.....	1.68	25	19	53	Banner.....	Dec.	20	1929	2117
Pumpkinseed Cr.	Reuter, Leonard.....	Bridgeport...	Court House Rk. Canal.	Irrig.....	.08	30	19	50	Morrill.....	Apr.	11	1933	2315
Pumpkinseed Cr.	Coulter, Bern R.....	Bridgeport...	Trails End Canal.....	Irrig.....	2.37	30	19	52	Morrill.....	June	17	1941	3453
Pumpkinseed Cr.	Schnell, E. George.....	Harrisburg...	Schnell Canal.....	Irrig.....	.76	1	19	56	Banner.....	Oct.	27	1942	3588
Pumpkinseed Cr.	Rodgers, Bert.....	Lincoln.....	Rodgers Canal.....	Irrig.....	1.80	9	19	54	Banner.....	Oct.	23	1944	3777
Pumpkinseed Cr.	Ehrman, George.....	Gering.....	Pump.....	Irrig.....	.82	18	19	53	Banner.....	Nov.	6	1945	3859
Pumpkinseed Cr.	Rodgers, Bert.....	Lincoln.....	Rodgers Canal.....	Irrig.....	.26	9	19	54	Banner.....	Jan.	8	1946	3863
Pumpkinseed Cr.	Rodgers, Bert.....	Lincoln.....	Wright Canal.....	Irrig.....	1.41	5	19	54	Banner.....	Jan.	8	1946	3864
Pumpkinseed Cr.	Eckert, Samuel W.....	Bridgeport...	Eckert Canal.....	Irrig.....		19	19	51	Morrill.....	June	8	1948	4281
Pumpkinseed Cr.	Rodgers, Bert.....	Lincoln.....	Pump.....	Irrig.....	9.76	9	19	54	Banner.....	Mar.	10	1949	4448
						10	19	54	Banner.....	Mar.	10	1949	4448
Pumpkinseed Cr.	Laux, Harold.....	Bridgeport...	Pump.....	Irrig.....		29	19	50	Morrill.....	June	3	1950	4689
Pumpkinseed Cr.	Eckert, Lloyd E.....	Bridgeport...	Mutual Canal.....	Irrig.....		33	19	52	Morrill.....	Aug.	14	1950	4738*
Pumpkinseed Cr.	Coulter, Bern R.....	Bridgeport...	North Trails End Canal.	Irrig.....		29	19	52	Morrill.....	Sept.	25	1950	4749
Pumpkinseed Cr.	Coulter, Bern R.....	Bridgeport...	Dickey Brown Ditch.....	Irrig.....		29	19	52	Morrill.....	Sept.	25	1950	4750
Red Willow Creek	Dobson, Mary E.....	Monrovia, Calif.	Dobson Canal.....	Irrig.....	2.00	12	20	51	Morrill.....	Sept.	10	1915	1432
Red Willow Creek	Dobson, Mary E.....	Monrovia.....	Dobson Canal.....	Irrig.....	.57	12	20	51	Morrill.....	Nov.	3	1915	1436
Rowe Drain Ditch	Olnhausen, Fred.....	Cozad.....	Pump.....	Irrig.....		32	10	23	Dawson.....	May	10	1946	3905*
Sand Creek.....	Dudley, W. H.....	Lemoyne.....	Patrick Canal.....	Irrig.....	2.43	10	15	40	Keith.....	May	31	1891	725
Sand Creek.....	Nissen, Peter.....	Lemoyne.....	Nissen Canal.....	Irrig.....	3.07	10	15	40	Keith.....	Mar.	18	1901	606

*Claim not adjudicated, or application pending.
"R" Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority	Doc. No.	App. No.			
						S	T	R				County	Mo.	D	Yr.
Schuetz Springs..	Schuetz, Margaret.....	Dalton.....	Schuetz Canal.....	Irrig.....	.21	28	18	50	Morrill.....	May	10	1892	881	
Schuppe Cr., E..	Schuppe, Carl.....	Henry.....	Schuppe Canal No. 2...	Irrig.....	.02	3	23	58	Scotts Bluff.	June	17	1946		3918
Schuppe Cr., W..	Schuppe, Carl.....	Henry.....	Schuppe Canal No. 1....	Irrig.....	.01	3	23	58	Scotts Bluff.	June	17	1946		3917
Scott Reservoir...	Gifford, Harold.....	Gering.....	Scott Canal.....	Supp. I...	A-711	7	19	55	Banner.....	June	24	1903		711
Sheep Creek	Nash, Charles A.....	Morrill.....	Little Moon Canal.....	Irrig.....	1.00	10	24	58	Sioux.....	Mar.	23	1904		745
Sheep Creek	Covert, Pitt.....	Cheyenne, Wyo.	Nebraska Reservoir Canal	Irrig.....	3.57	36	27	58	Sioux.....	May	18	1907		859
Sheep Creek	Carpenter-Broadbent	Morrill.....	West Fork Canal.....	Irrig.....	5.14	1	26	58	Sioux.....	Sept.	21	1907		871
Sheep Creek	Cunningham, H. B.....	Exeter.....	Lower Canal.....	Irrig.....	.37	11	25	58	Sioux.....	Nov.	2	1907		875
Sheep Creek	Carpenter-Broadbent	Morrill.....	Horse Camp Reservoir...	Irrig.....	.43	36	27	58	Sioux.....	Jan.	20	1908		885
Sheep Creek	Sheep Creek Lateral Co..	Morrill.....	Sheep Creek Lateral.....	Irrig.....	.10	8	23	57	Scotts Bluff.	Feb.	26	1912		1176
Sheep Creek	Sheep Creek Lateral Co..	Morrill.....	Sheep Creek Lateral.....	Irrig.....	.28	8	23	57	Scotts Bluff.	Feb.	20	1915		1403
Silver Creek	James, M. C.....	Columbus.....	Pump	Irrig.....	.15	12	15	4	Merrick... ..	June	17	1947		4083
Skunk Creek.....	Knight, H. H.....	Keystone.....	Miller Canal.....	Irrig.....	2.29	1	14	37	Keith.....	Apr.	1	1895	740	
Skunk Creek.....	The McGinley Land and Cattle Co.	Ogallala.....	Skunk Creek Canal.....	Irrig.....	5.00	6	14	36	Keith.....	Nov.	5	1909		963
Slough, Warm ...	Johnson, Abram M., Est.	Gibbon.....	Pump	Irrig.....	.50	30	9	13	Buffalo.....	Feb.	20	1923		1707
Snake Creek.....	Cook, John B.....	Scottsbluff...	Oasis Canal.....	Irrig.....	54.86	6	24	51	Box Butte..	June	6	1894	567	
Snake Creek.....	Cook, John B.....	Scottsbluff...	Kilpatrick Reservoir ...	Storage...	†2300 AF	1	24	52	Box Butte..	June	7	1911		1104

South Platte R...	Paloucek, Joe, et al.	Ogallala	Hollingsworth Canal	Irrig.	4.70	12	13	39	Keith	June	5	1894	723
South Platte R...	Reck, Wm. J.	Big Springs	Miller-Warren Canal	Irrig.	.57	7	12	42	Deuel	Jan.	5	1895	805
South Platte R...	Meyer, Henry, Estate	Brule	Meyer Canal	Irrig.	1.46	22	13	40	Keith	Apr.	14	1896	283
South Platte R...	Western Irrig. District	Big Springs	Western Canal	Irrig.	**154.40	14	12	43	Keith	June	14	1897	393
South Platte R...	Western Irrig. District	Big Springs	Western Canal	Irrig.	**25.60	29	13	41	Keith	June	14	1897	393R
South Platte R...	Beal, Orvill	Brule	Beal Canal	Irrig.	5.16	20	13	40	Keith	Sept.	20	1921	1620
South Platte R...	Western Irrig. District	Big Springs	Western Canal	Irrig.	11.43	14	12	43	Keith	Apr.	13	1926	1804
South Platte R...	Junge, M. F.	Big Springs	Junge Canal	Irrig.	1.07	31	13	41	Deuel	Sept.	11	1926	1857
South Platte R...	Paxton Irrig. District	Paxton	Paxton Canal	Irrig.	70.19	1	13	38	Keith	Nov.	22	1926	1874
South Platte R...	Countryman, C. L.	Ogallala	Hollingsworth Canal	Irrig.		12	13	39	Keith	Mar.	16	1938	2848*
South Platte R...	Platte Valley Public Power & Irrig. Dist.	North Platte	North Platte Plant	Power	500.00	8	13	36	Keith	Mar.	29	1943	3601
South Platte R...	Peterson, Oscar J.	Ogallala	Hollingsworth Canal	Irrig.		7	13	38	Keith	Mar.	17	1944	3700*
South Platte R...	Fritz, Claude J.	North Platte	Pump	Irrig.	.85	10	13	30	Lincoln	Aug.	20	1949	4503
South Platte R...	Western Irrig. District	Big Springs	Western Canal	Irrig.		14	12	43	Deuel	Aug.	15	1950	4739
Spotted Tail, Dry	Great Western Sugar Co.	Scottsbluff	Mitchell Factory	Mfg.	15.00	20	23	56	Scotts Bluff	Mar.	24	1920	1582
Spotted Tail, Wet	Shepard, Harry G.	Mitchell	Stewart-Brown Canal	Irrig.	1.59	26	24	56	Scotts Bluff	Mar.	2	1904	743
Spotted Tail, Wet	Shepard, Harry G.	Mitchell	Stewart-Brown Canal	Irrig.	2.28	26	24	56	Scotts Bluff	Mar.	17	1911	1072
Spotted Tail, Wet	Young, Thos. H.	Mitchell	Spring Creek Reservoir	Ice	†20 AF	27	23	56	Scotts Bluff	Feb.	6	1922	1642
Spring Branch	Brogan Bros.	Keystone	Brogan Canal	Irrig.	.17	35	15	37	Keith	Sept.	24	1897	410
Spring Branch	Barden, Wm. E.	Bridgeport	Pump	Irrig.	.89	11	18	52	Morrill	June	17	1929	2086
Spring Creek	Otter Creek Mutual Irrig. Company	Lemoyne	Spring Creek Canal	Irrig.	.57	12	15	40	Keith	June	18	1894	724
Spring Creek	U. P. Railroad Company	Omaha	Frazier Lake	Ice	4.00	35	14	30	Lincoln	Sept.	6	1907	868
Spring Cr., Little	The Cooperative Refinery Ass'n., et al	North Kansas City, Mo.	Shramek Canal	Irrig.	1.53	22	22	55	Scotts Bluff	June	9	1913	1295
Spring Cr., Little	Graves, Johnson H., Est.	Scottsbluff	Gilchrist Canal	Irrig.	.14	22	22	55	Scotts Bluff	July	29	1913	1310

Supp. I. Denotes storage water in addition to direct flow.

†Reservoir capacity alleged by applicant.

**120.00 Second-feet stipulated in Colorado-Nebraska compact.

"R" Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Spring Cr., Little	McClenahan, E.	Scottsbluff	Shramek Canal	Irrig.	.57	22	22	55	Scotts Bluff	July	30	1917	1492
Spring Cr., Little	Martin, D. H.	Scottsbluff	Shramek Canal	Irrig.	.14	22	22	55	Scotts Bluff	June	3	1918	1515
#Spring Cr. Little	Keystone Irrig. Co.	Keystone	Little Spring Canal	Irrig.	.57	29	15	37	Keith	Apr.	1	1902	659
Spring Cr., Little	Hawkins, Ardis	Keystone	Hawkins Canal	Irrig.	1.31	29	15	37	Keith	Apr.	8	1939	2914
Strever Creek	Jensen, Nelly M.	Cozad	Jensen Canal	Irrig.	.56	23	11	23	Dawson	July	27	1925	1772
Strever Creek	Anders, Ida M.	Cozad	Anders Canal	Irrig.	1.10	23	22	23	Dawson	July	27	1925	1773
Strever Creek	Maack, Roy	Cozad	Pump	Irrig.	1.00	30	12	23	Dawson	Apr.	11	1927	1924
Strever Creek	Siebenaler, Mat.	Overton	Pump	Irrig.	2.31	6	8	19	Dawson	Nov.	22	1927	1969
Strever Creek	Beatty, Mrs. Harry T.	Overton	Beatty Canal	Irrig.	1.13	18	9	20	Dawson	June	3	1929	2083
(Dawson County Drain Dist. No. 1)	Beatty, Mrs. Harry T.	Overton	Pump	O. D.	A-2083	18	9	20	Dawson	June	3	1929	2777*
Strever Creek	Peterson, P. R.	Lexington	Pump	Irrig.	1.11	18	9	20	Dawson	Aug.	8	1929	2094
Strever Creek	Beatty, Esther	Overton	Bend Canal	Irrig.	1.63	36	9	20	Dawson	Aug.	26	1929	2099
Strever Creek	Jurgenson, Henry, Est.	Overton	Pump	Irrig.	1.03	35	9	20	Dawson	May	7	1931	2202
Strever Creek	Gardner and Maack	Cozad	Pump	Irrig.	.90	30	12	23	Dawson	Oct.	8	1941	3516
Strever Creek	Nebraska Mid-State Reclamation District	Grand Island	Buckeye Valley Reservoir	Storage		20	9	20	Dawson	Sept.	3	1943	3639*
Strever Creek	Cooney, Tom	Overton	Pump	Irrig.	.80	34	9	20	Dawson	Oct.	24	1946	3988
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Sutherland Canal	Supp. P.	54,000AF	16	13	33	Lincoln	Mar.	8	1937	2710
					A-2353	16	13	33	Lincoln	Mar.	8	1937	2710
					A-2640	16	13	33	Lincoln	Mar.	8	1937	2710
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Cozad Canal	Supp. I.	D-626	16	11	25	Dawson	Mar.	31	1937	2726
				Stor-only.		16	11	25	Dawson	Mar.	31	1937	2726
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Supp. I.	D-621	18	10	23	Dawson	Mar.	31	1937	2726
				Supp. I.	D-622	18	10	23	Dawson	Mar.	31	1937	2726
				Supp. I.	D-624	18	10	23	Dawson	Mar.	31	1937	2726

Sutherland Res...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Dawson County Canal...	Supp. I...	A-2039	18	10	23	Dawson....	Mar.	31	1937	2726
				Supp. I...	A-2093	18	10	23	Dawson....	Mar.	31	1937	2726
				Supp. I...	A-2110	18	10	23	Dawson....	Mar.	31	1937	2726
				Supp. I...	A-2145	18	10	23	Dawson....	Mar.	31	1937	2726
				Supp. I...	A-2262	18	10	23	Dawson....	Mar.	31	1937	2726
Sutherland Res...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Elm Creek Canal.....	Stor.-only		18	10	23	Dawson....	Mar.	31	1947	2726
				Supp. I...	A-2104	6	8	19	Dawson....	Mar.	31	1937	2726
				Supp. I...	A-1859	6	8	19	Dawson....	Mar.	31	1937	2726
				Supp. I...	A-1985	6	8	19	Dawson....	Mar.	31	1937	2726
				Supp. I...	A-1988	6	8	19	Dawson....	Mar.	31	1937	2726
Sutherland Res...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Gothenburg Canal.....	Supp. I...	A-2012	6	8	19	Dawson....	Mar.	31	1937	2726
				Supp. I...	A-2066	6	8	19	Dawson....	Mar.	31	1937	2726
				Supp. I...	A-2068	6	8	19	Dawson....	Mar.	31	1937	2726
				Supp. I...	D-645a	19	12	26	Lincoln....	Mar.	31	1937	2726
				Supp. I...	D-645b	19	12	26	Lincoln....	Mar.	31	1937	2726
Sutherland Res...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Kearney Canal.....	Supp. I...	A-3717	19	12	26	Lincoln....	Mar.	31	1937	2726
				Stor.-only	D-1023	3	8	18	Buffalo....	Mar.	31	1937	2726
				Supp. I...	D-1023	3	8	18	Buffalo....	Mar.	31	1937	2726
Sutherland Res...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Orchard-Alfalfa Canal...	Supp. I...	D-627	9	10	24	Dawson....	Mar.	31	1937	2726
Sutherland Res...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Six Mile Canal.....	Supp. I...	D-680	11	11	26	Lincoln....	Mar.	31	1937	2726
Sutherland Res...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Thirty Mile Canal.....	Supp. I...	A-1853	30	12	26	Lincoln....	Mar.	31	1937	2726
				Supp. I...	A-1976	30	12	26	Lincoln....	Mar.	31	1937	2726
				Supp. I...	A-2077	30	12	26	Lincoln....	Mar.	31	1937	2726
				Stor.-only		30	12	26	Lincoln....	Mar.	31	1937	2726
				Supp. I...	A-1784	30	12	26	Lincoln....	Mar.	31	1937	2726
Sutherland Res...	Platte Valley Public Power and Irrig. Dist.	North Platte..	Gothenburg Canal.....	Supp. I...	A-1870	30	12	26	Lincoln....	Mar.	31	1937	2726
				Supp. I...	A-3716	19	12	26	Dawson....	Mar.	31	1937	3717

#Spring Creek in Scotts Bluff County and Spring Creek in Keith County are separate streams.
O.D. Denotes optional diversion.

*Application pending.

Supp P. Denotes storage water in addition to direct flow.

Supp. I. Denotes storage water in addition to direct flow.

Stor.-only. Land does not have a direct flow appropriation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Turkey Creek, and Kearney Tail Race	Nebraska Mid-State Reclamation District	Grand Island.	Lower Buffalo, Hall and Merrick County Canal	Irrig.		11	8	16	Buffalo.	Aug.	30	1943		3635*
White Horse Cr. . .	Peterson, James C.	North Platte.	Bratt Canal.	Irrig.	6.00	9	14	30	Lincoln.	Aug.	25	1913		1316
White Horse Cr. . .	McCrone, Scott.	North Platte.	McCrone Pump.	Irrig.	1.71	5	14	30	Lincoln.	Mar.	10	1930		2127
White Horse Cr. . . Trib. to	Forrest, Arthur P.	North Platte.	Pump	Irrig. ....	.80	21	14	30	Lincoln.	June	14	1950		4701
White Tail Cr. . .	The McGinley Land and Cattle Company	Ogallala.	McCarthy Canal.	Irrig.	1.00	36	15	38	Keith.	July	15	1890	749	
White Tail Cr. . .	The McGinley Land and Cattle Company	Ogallala.	Halloway-Phelps Canal.	Irrig.	3.86	36	15	38	Keith.	June	1	1893	717	
White Tail Cr. . .	Keystone Irrig. Co.	Keystone.	Keystone Canal.	Irrig.	8.00	26	15	38	Keith.	Oct.	30	1894	730	
White Tail Cr. . .	Martin, Chas. O.	Keystone.	Reed Canal.	Irrig. ....	.57	15	15	38	Keith.	May	15	1895	751	
White Tail Cr. . . (Paxton Creek) . .	Keystone Irrig. Co.	Keystone.	Keystone Canal.	Irrig.	39.00	26	15	38	Keith.	Apr.	26	1902		662b
	Coyner, S. C.	Keystone.	Coyner Canal.	O. D.	A-662b	31	15	37	Keith.	Apr.	26	1902		P185
White Tail Cr. . .	Keystone Irrig. Co.	Keystone.	Keystone Canal.	Irrig.	4.30	26	15	38	Keith.	Nov.	30	1906		843
White Tail Cr. . .	Keystone Irrig. Co.	Keystone.	Keystone Canal.	Irrig.	7.41	26	15	38	Keith.	May	27	1910		1003
White Tail Cr. . .	Jeppesen, Jeppe.	Keystone.	Pump	Irrig. ....	.21	23	15	38	Keith.	Apr.	7	1948		4241
Willow Creek. . . .	Banner County Bank.	Harrisburg. . .	Willow Springs Canal.	Irrig. ....	.57	16	19	56	Banner.	Jan.	21	1902		650
Willow Creek. . . .	Banner County Bank.	Harrisburg. . .	Willow Springs Canal.	Irrig. ....	.86	16	19	56	Banner.	May	8	1926		651
Willow Creek. . . .	Cross, Inez V.	Harrisburg. . .	Cross Canal.	Irrig.	1.70	16	19	56	Banner.	Jan.	21	1902		1808
Willow Creek. . . .	Stafford, Margaret.	Paxton.	Stafford Canal.	Irrig. ....	.80	15	14	35	Keith.	Nov.	20	1929		2114
Willow Creek. . . .	McFadden, M. J.	Paxton.	McFadden Canal.	Irrig. ....	.80	14	14	35	Keith.	May	26	1930		2142
Willow Creek. . . .	Knight, W. F.	Sarben.	Willow Creek Canal.	Irrig. ....	.93	15	14	35	Keith.	Oct.	13	1934		2488

Winters Creek....	Bouton, Chas. A.....	Gering.....	Bouton Canal.....	Irrig.....	1.00	3	22	54	Scotts Bluff.	Aug.	17	1889	923	
Winters Creek....	Great Western Sugar Company	Scottsbluff...	Scottsbluff Factory.....	Mfg.....	15.00	19	22	54	Scotts Bluff.	Oct.	4	1920		1592
Winters Creek....	Cook, John B.....	Scottsbluff...	Cook Power Plant.....	Power...		4	22	54	Scotts Bluff.	Apr.	12	1945		3826*
Wood River.....	Ashburn, J. N.....	Gibbon.....	Ashburn Canal.....	Power...	40.00	13	9	14	Buffalo.....	Nov.	1	1873	993	
Wood River.....	Bearss, Guy S.....	Kearney.....	Bearss Canal.....	Power...	25.40	13	9	16	Buffalo.....	May	1	1881	995	
Wood River.....	Union Central Life Insurance Company	Cincinnati, Ohio	White Bridge Park.....	Irrig.....	.03	8	9	15	Buffalo.....	Mar.	14	1900		545a
Wood River.....	Union Central Life Insurance Company	Cincinnati, Ohio	White Bridge Park.....	Power.....	10.00	8	9	15	Buffalo.....	Mar.	14	1900		545b
Wood River.....	Jacobson, C. A.....	Riverdale.....	Jacobson Canal.....	Irrig.....	.50	31	10	16	Buffalo.....	Nov.	10	1910		1038
Wood River.....	Kimbrough, Cora.....	Shelton.....	Kimbrough Canal.....	Irrig.....	4.00	36	10	13	Buffalo.....	Sept.	21	1912		1227
Wood River.....	Jacobson, C. A.....	Riverdale.....	Jacobson Reservoir.....	Storage.....	†3000 AF	31	10	16	Buffalo.....	Feb.	3	1920		1576
Wood River.....	Haug, James, Estate.....	Shelton.....	Pump.....	Irrig.....	.64	9	9	13	Buffalo.....	Sept.	7	1920		1590
Wood River.....	Peterson, Christianna.....	Shelton.....	Pump.....	Irrig.....	1.07	10	9	13	Buffalo.....	July	11	1921		1611
Wood River.....	Nutter, M. D.....	Shelton.....	Pump.....	Irrig.....	2.28	8	9	13	Buffalo.....	Aug.	29	1921		1616
Wood River.....	Rodgers, J. H., Estate.....	Gibbon.....	Pump.....	Irrig.....	.30	14	9	14	Buffalo.....	Feb.	4	1922		1641
Wood River.....	Nebr. Conf. Ass'n of Seven Day Adventists	Shelton.....	Pump.....	Irrig.....	2.28	31	10	12	Hall.....	Feb.	16	1922		1643
Wood River.....	Haug, James, Estate.....	Shelton.....	Pump No. 2.....	Irrig.....	.92	9	9	13	Buffalo.....	Feb.	28	1922		1644
Wood River.....	Travis, Thos. C.....	Kearney.....	Hallen Reservoir.....	Storage.....	†1 AF	5	9	16	Buffalo.....	Apr.	4	1922		1654
Wood River.....	Travis, Thos. C.....	Kearney.....	Hallen Canal.....	Irrig.....	.27	5	9	16	Buffalo.....	Apr.	17	1922		1656
Wood River.....	Durtschi, Rudolph.....	Wood River.....	Pump.....	Irrig.....	1.37	18	10	11	Hall.....	May	22	1922		1668
Wood River.....	Howe, Mrs. Lloyd M.....	Wood River.....	Pump.....	Irrig.....	.54	17	10	11	Hall.....	July	14	1922		1679
Wood River.....	Wilson, C. C.....	Omaha.....	Pump.....	Irrig.....	1.21	14	9	15	Buffalo.....	Nov.	15	1922		1693
Wood River.....	Smith, Evan F.....	Shelton.....	Pump.....	Irrig.....	1.04	1	9	13	Buffalo.....	Jan.	12	1923		1702
Wood River.....	Ross, W. M.....	Gibbon.....	Pump.....	Irrig.....	.26	13	9	14	Buffalo.....	Apr.	28	1924		1743
Wood River.....	Slater, Selmar.....	Riverdale.....	Pump.....	Irrig.....	1.76	36	10	17	Buffalo.....	Dec.	2	1924		1753
Wood River.....	Richardson, Frank.....	Gibbon.....	Pump.....	Irrig.....	.49	13	9	14	Buffalo.....	Sept.	8	1925		1780
Wood River.....	Wilcox, Eva C.....	Gibbon.....	Pump.....	Irrig.....	.90	8	9	13	Buffalo.....	Jan.	22	1926		1793
Wood River.....	Nutter, John N., Estate.....	Gibbon.....	Pump.....	Irrig.....	.70	8	9	13	Buffalo.....	Feb.	10	1926		1794

*Application pending.
 O.D. Denotes optional diversion.
 †Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISON NO. 1-A—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Wood River.....	First Trust Co., et al.....	Lincoln.....	Pump.....	Irrig.....	2.57	14	9	14	Buffalo.....	Feb.	23	1926	1797
						16	9	14	Buffalo.....	Feb.	23	1926	1797
Wood River.....	Langan, Thos.....	Wood River.....	Pumps.....	Irrig.....	1.14	19	10	11	Hall.....	Mar.	19	1926	1800
Wood River.....	McConnell, Sadie I., et al.....	Gibbon.....	Pump.....	Irrig.....	3.43	7	9	13	Buffalo.....	Apr.	21	1926	1805
Wood River.....	Mercer, Howard R.....	Gibbon.....	Pump.....	Irrig.....	.80	9	9	14	Buffalo.....	May	25	1926	1814
Wood River.....	Oliver Brothers.....	Shelton.....	Pump.....	Irrig.....	1.57	2	9	13	Buffalo.....	June	15	1926	1818
Wood River.....	Carlson, Carl E.....	Shelton.....	Pump.....	Irrig.....	1.10	35	10	13	Buffalo.....	July	19	1926	1830
Wood River.....	Hayman, Mrs. O. O.....	Shelton.....	Pump.....	Irrig.....	.57	4	9	13	Buffalo.....	July	20	1926	1831
Wood River.....	Power and Son.....	Gibbon.....	Pump.....	Irrig.....	.41	13	9	14	Buffalo.....	July	24	1926	1834
Wood River.....	Shnoor, Jacob.....	Amherst.....	Pump.....	Irrig.....	.80	16	10	17	Buffalo.....	Oct.	18	1926	1867
Wood River.....	Oliver, Henry E., Jr.....	Shelton.....	Pump.....	Irrig.....	.86	9	9	13	Buffalo.....	Feb.	29	1928	1987
Wood River.....	Nickel, Emil.....	Kearney.....	Pump.....	Irrig.....	1.95	12	9	16	Buffalo.....	July	16	1930	2148
Wood River.....	Abels, Carl H.....	Amherst.....	Pump.....	Irrig.....	1.23	6	10	17	Buffalo.....	Jan.	10	1931	2186
Wood River.....	Nye, Kate D.....	Kearney.....	Pump.....	Irrig.....	.28	10	9	16	Buffalo.....	Sept.	11	1937	2785
Wood River.....	Thornton, S. Cary.....	Kearney.....	Pump.....	Irrig.....	.42	9	9	15	Buffalo.....	Apr.	17	1939	2915
Wood River.....	Czenkusch, Carl.....	Amherst.....	Pump.....	Irrig.....	.15	25	11	18	Buffalo.....	May	22	1939	2924
Wood River.....	Conklin, Grace L.....	Lincoln.....	Pumps.....	Irrig.....	2.09	4	11	8	Merrick.....	Apr.	29	1940	3145
						5	11	8	Merrick.....	Apr.	29	1940	3145
Wood River.....	Belschner, Howard E.....	Amherst.....	Pump.....	Irrig.....	.12	16	10	17	Buffalo.....	July	24	1940	3212
Wood River.....	Huffstutter, W. F.....	Kearney.....	Pump.....	Irrig.....	.78	9	9	15	Buffalo.....	Sept.	17	1940	3267
Wood River.....	Sharp, Earl H.....	Broken Bow.....	Pump.....	Irrig.....	.83	12	9	16	Buffalo.....	Sept.	30	1940	3278
Wood River.....	Cunningham, S. S.....	Riverdale.....	Pump.....	Irrig.....	.26	31	10	16	Buffalo.....	Oct.	14	1940	3294
Wood River.....	Conklin, Grace L.....	Lincoln.....	Pumps.....	Irrig.....	1.86	5	11	8	Merrick.....	Oct.	30	1940	3314
						8	11	8	Merrick.....	Oct.	30	1940	3314
Wood River.....	Nebraska Mid-State Reclamation District	Grand Island.....	Wood River Reservoir.....	Storage.....		4	9	16	Buffalo.....	Sept.	3	1943	3642*
Wood River.....	Snyder, Ray A.....	Scottsbluff.....	Pump.....	Irrig.....	.39	10	9	15	Buffalo.....	Apr.	4	1944	3709
Wood River.....	Weber, Carl.....	Kearney.....	Pump.....	Irrig.....	1.56	11	9	16	Buffalo.....	Oct.	15	1945	3856

Wood River	Richter, Lawrence	Kearney	Pump	Irrig.	.74	13	9	16	Buffalo	Apr.	1	1946	3886	
Wood River	Travis, Thomas C., Jr.	Kearney	Pump	Irrig.	1.05	5	9	16	Buffalo	May	27	1946	3911	
Wood River	Adelung, Ernest E.	Amherst	Pump	Irrig.	.64	21	10	17	Buffalo	May	15	1948	4266	
Wood River	Cook, Richard J.	Amherst	Pump	Irrig.	.72	26	10	17	Buffalo	Aug.	6	1948	4320	
Wood River	Ludwig, Alvie C.	Amherst	Pump	Irrig.	.57	21	10	17	Buffalo	Dec.	12	1949	4548	
Wood River	Randall, Otis	Gibbon	Randall Reservoir	Storage	†44	AF	6	9	14	Buffalo	July	29	1944	3746
Ravine, Trib. to														
Wood River	Staubitz and Holmes	Kearney	Staubitz and Holmes Reservoir	Storage	†126	AF	23	9	16	Buffalo	June	20	1950	4704
Ravine, Trib. to														

*Denotes application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D	Yr.			
Askey Lake.....	Pleas, Walter P., Estate	Oxford.....	Pump.....	Irrig.....	2.31	5	3	21	Furnas.....	Jan.	4	1930		2120	
Beaver Creek....	Weber, John, Estate.....	Lebanon.....	Pump.....	Irrig.....	1.43	17	1	26	Red Willow.	Aug.	8	1930		2156	
Beaver Creek....	Fletcher, G. W.....	Beaver City..	Pump.....	Irrig.....	.43	24	2	23	Furnas.....	Aug.	8	1933		2342	
Beaver Creek (See Sappa Cr.)	Beaver-Sappa Public P. and I. District	Stamford.....	South Beaver Canal.....	Irrig.....		23	2	23	Furnas.....	Dec.	14	1936		2671a*	
Beaver Creek (See Sappa Cr.)	Beaver-Sappa Public P. and I. District	Stamford.....	North Beaver Canal.....	Irrig.....		23	2	23	Furnas.....	Dec.	14	1936		2671a*	
Beaver Creek....	Beaver-Sappa Public P. and I. District	Stamford.....	Beaver Reservoir.....	Storage..		23	2	23	Furnas.....	Dec.	14	1936		2672a*	
Beaver Creek....	Gallatin, Bryan J. and John E.	Danbury.....	Pump.....	Irrig.....	.88	24	1	28	Red Willow.	Oct.	8	1937		2796	
Beaver Creek....	Puelz, Robert A. and Lowell V.	Danbury.....	Pump.....	Irrig.....	.71	24	1	28	Red Willow.	Apr.	1	1938		2857	
Beaver Creek....	Morris, James E.....	Lebanon.....	Pump.....	Irrig.....	.64	11	1	26	Red Willow.	May	10	1939		2920	
Beaver Creek....	Van Matre, James C.....	Beaver City..	Pump.....	Irrig.....	.96	13	2	23	Furnas.....	Jan.	10	1941		3366	
Beaver Creek....	Downing, Amy C.....	Oxford.....	Pump.....	Irrig.....	.43	16	2	22	Furnas.....	Jan.	21	1941		3373	
Beaver Creek....	Williams, Mary E.....	Grand Island.	Pumps.....	Irrig.....	.70	28	2	23	Furnas.....	Sept.	15	1941		3505	
Beaver Creek....	Noel, W. A.....	Beaver City..	Pump.....	Irrig.....		21	2	23	Furnas.....	Sept.	15	1941		3505	
Beaver Creek....	Becker, Bernard.....	Beaver City..	Pump.....	Irrig.....	.09	18	2	22	Furnas.....	May	4	1942		3563	
Beaver Creek....	Becker, Bernard.....	Beaver City..	Pump.....	Irrig.....	1.77	15	2	22	Furnas.....	Aug.	15	1942		3582	
Beaver Creek....	DeMay, Rollo O.....	Danbury.....	Pump.....	Irrig.....	2.74	23	1	28	Red Willow.	Jan.	9	1945		3793	
Beaver Creek....	Marble, Vernon L.....	Beaver City..	Pump.....	Irrig.....	.30	24	2	23	Furnas.....	Mar.	14	1946		3884	
Beaver Creek....	Theobald, C. K.....	Beaver City..	Pump.....	Irrig.....	.28	20	2	20	Furnas.....	May	3	1950		4670	
Beaver Creek....	Giles, Walter N., Estate	Wilsonville..	Pump.....	Irrig.....		36	2	25	Furnas.....	May	6	1950		4673	
Beaver Creek Ravine, Trib. to	Garey, Raymond R.....	Beaver City..	Garey Reservoir.....	Storage..	†57	AF	12	2	23	Furnas.....	Oct.	14	1939		2986
Beaver Creek Ravine, Trib. to	Ackerman, G. W.....	Beaver City..	Campbell Reservoir....	Storage..	†161.5	AF	22	2	22	Furnas.....	July	23	1941		3459

Beaver Creek Ravine, Trib. to	Furnas County Commissioners	Beaver City...	Van Cleave Reservoir...	Storage..	†126 AF	7	2	22	Furnas....	May	31	1945	3836
Beaver Creek Ravine, Trib. to	Gallatin, B. J.....	Danbury.....	Gallatin Reservoir.....	Storage..	†361 AF	12	1	28	Red Willow.	Feb.	28	1946	3876
Bell Creek.....	Bell, J. F.....	Superior.....	Valley Reservoir.....	Storage..	†25 AF	29	1	6	Nuckolls....	Apr.	30	1928	2013
Bell Creek.....	Beal, W. C.....	Superior.....	Beal Reservoir.....	Fish.....	†19 AF	17	1	6	Nuckolls....	Feb.	21	1941	3399
Blackwood Creek.	Barth, Mrs. Lydia.....	Culbertson.....	Pump.....	Irrig.....	.47	33	4	31	Hitchcock...	Apr.	27	1940	3143
Blackwood Creek.	Barth, Mrs. Lydia.....	Culbertson.....	Pump.....	Irrig.....	.17	33	4	31	Hitchcock...	Nov.	8	1940	3328
Blackwood Creek.	Russell, Carson.....	McCook.....	Russell Canal.....	Irrig.....	2.57	6	4	31	Hitchcock...	July	31	1941	3477
Broeker Reservoir	Broeker, Gezema M.....	Arapahoe.....	Broeker Canal.....	Stor-only.		4	3	22	Furnas....	Dec.	10	1940	3535
Brown Reservoir.	Brown, Floyd T.....	Stamford.....	Brown Canal.....	Stor-only.		4	1	21	Furnas....	Apr.	29	1941	3434
Buffalo Creek...	Larned, Wm. H., et al.	Haigler.....	Allen-Larned Canal...	Irrig.....	6.00	18	1	40	Dundy.....	Oct.	16	1890	117
Buffalo Creek...	Jenkins, Carrol C.....	Haigler.....	Jenkins Canal No. 1....	Irrig.....	4.57	18	1	40	Dundy.....	Dec.	12	1908	924
Buffalo Creek...	North Republican Irrigation District	McCook.....	Buffalo Creek Canal....	Irrig.....		20	1	40	Dundy.....	Jan.	22	1946	3868c*
Bushy Creek.....	Young, Lee.....	Maywood.....	Young Canal.....	Irrig.....	.20	33	8	29	Frontier....	Apr.	5	1927	1921
Bushy Creek.....	Russell and Corlett.....	Maywood.....	Pump.....	Irrig.....	1.50	33	8	29	Frontier....	Oct.	31	1940	3319
Campbell Res...	Ackerman, G. W.....	Beaver City...	Campbell Canal.....	Stor-only.		22	2	22	Furnas....	July	23	1941	3460
Cannon Reservoir	Cannon, Elmer.....	Benkelman...	Cannon Canal.....	Stor-only.		34	2	37	Dundy.....	Feb.	5	1943	3596*
Center Creek.....	Blank and Norton.....	Franklin.....	Blank and Joy Canal....	Irrig.....	2.82	1	1	15	Franklin....	Aug.	17	1928	2025
Center Creek.....	Hevner Serum Co.....	Franklin.....	Joy-Blank-Hevner Canal.	Irrig.....	.64	1	1	15	Franklin....	Jan.	23	1940	3084
Center Creek.....	Versaw, Willie K., et al.	Franklin.....	Pump.....	Irrig.....	.18	27	2	15	Franklin....	June	1	1940	3189
Center Creek.....	Maxon, Harry F.....	Wood River...	Pump.....	Irrig.....		36	2	15	Franklin....	May	1	1950	4663

*Application pending.

†Reservoir capacity alleged by applicant.

Stor-only. Land does not have a direct flow appropriation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Cook Creek.....	Haskell, John G., et al..	Alma.....	Cook Creek Canal.....	Irrig.....	.57	33	2	18	Harlan.....	July	21	1917	1491	
Cottonwood Cr..	Worden, Jennie.....	Superior.....	Worden Lake.....	Resort...	†50	AF	11	1	8	Nuckolls...	Nov.	25	1938	2897
Cottonwood Cr..	Harrington, B. W.....	Franklin.....	Pump.....	Irrig.....	.65	6	1	15	Franklin...	Oct.	4	1948	4350	
Cottonwood, Little	Gardner, C. D.....	Bloomington..	Gardner Canal.....	Irrig.....	1.14	6	1	15	Franklin...	Mar.	20	1922	1647	
Cottonwood, Little	Koelmei, John.....	Bloomington..	Pump.....	Irrig.....	.04	31	2	15	Franklin...	Feb.	24	1940	3094	
Cottonwood, Little	Gardner, Chas. D.....	Bloomington..	Pump.....	Irrig.....	.29	6	1	15	Franklin...	Mar.	3	1949	4445	
Craig Creek.....	Hoylman, M. B.....	Naponee.....	Hoylman Canal.....	Irrig.....	1.69	14	1	17	Harlan....	Aug.	1	1927	1948	
Crooked Creek...	Gijham, Sarah C.....	Red Cloud...	Pump.....	Irrig.....	.22	6	1	10	Webster...	Nov.	4	1946	4000	
Crow Reservoir...	Crow, Clark.....	Oxford.....	Crow Canal.....	Stor-only		19	3	20	Harlan....	Nov.	20	1940	3548	
Crystal Springs..	Eshelman, C. F.....	Riverton.....	Crystal Springs Canal..	Irrig.....	.28	10	2	13	Franklin...	Aug.	17	1921	1615	
Curtis Creek.....	Nelson, D. O. and H. L.	Curtis.....	Pump.....	Irrig.....	.27	36	8	28	Frontier...	Apr.	19	1927	1927	
Deep Creek.....	Murdoch, Chas. B.....	Orleans.....	Pump No. 2.....	Irrig.....	.65	22	3	20	Harlan....	Sept.	18	1928	2030	
Deep Creek.....	Brown, Harold.....	Orleans.....	Pump.....	Irrig.....	.50	22	3	20	Harlan....	June	9	1943	3618	
Deer Creek.....	Farr, Ed.....	Cambridge...	Pump.....	Irrig.....	.22	10	5	25	Frontier...	Feb.	7	1938	2833	
Driftwood Creek.	Schmitz, Carl M.....	McCook.....	Schmitz Canal.....	Irrig.....	1.07	12	2	30	Red Willow	May	3	1913	1287	
Driftwood Creek.	Hoyt, Frank.....	McCook.....	Pump.....	Irrig.....	.56	24	2	31	Hitchcock..	Sept.	7	1937	2780	
Driftwood Creek.	Hoyt, Homer.....	McCook.....	Hoyt Canal.....	Irrig.....	.68	25	2	31	Red Willow	Feb.	23	1943	3597	

Elk Creek.....	Murray, Esther.....	Arapahoe.....	Murray Canal.....	Irrig.....	2.85	11	4	23	Furnas.....	Aug.	13	1913	1315
Elk Creek.....	Golter, Albert.....	Arapahoe.....	Pump.....	Irrig.....	.30	35	5	23	Gosper.....	Mar.	7	1947	4044
Elm Creek.....	Rasser, William, et al.....	Red Cloud.....	Rasser Canal.....	Irrig.....	1.02	3	1	10	Webster.....	Jan.	24	1934	2357
Elm Creek.....	Rasser, William, et al.....	Red Cloud.....	Rasser Bros. Canal.....	Irrig.....	.45	3	1	10	Webster.....	Apr.	26	1939	2917
Elm Creek.....	Harris, Lyle A.....	Denver.....	Pump.....	Irrig.....	2.47	2	1	10	Webster.....	Feb.	7	1948	4206
Elm Creek.....	Frey, Jake and Frey Brothers	Red Cloud.....	Pump No. 1.....	Irrig.....		12	1	10	Webster.....	May	2	1950	4665
Farmers Creek.....	Maxon, Harry F.....	Wood River.....	Pump.....	Irrig.....		32	2	12	Webster.....	May	1	1950	4662
Feese Reservoir.....	Feese, Edna.....	Hastings.....	Feese Canal.....	Stor-only.....		30	2	20	Harlan.....	Sept.	9	1941	3498*
Flag Creek.....	Kerr, Robert H.....	Alma.....	Pump.....	Irrig.....	.32	27	2	19	Harlan.....	Apr.	19	1943	3607
Flag Creek.....	Davis, John E.....	Orleans.....	Pump.....	Irrig.....	.22	21	2	19	Harlan.....	Apr.	12	1944	3712
Flag Creek.....	Landgren, Mrs. Alma.....	Orleans.....	Pump.....	Irrig.....	.09	22	2	19	Harlan.....	July	5	1944	3741
Flag Creek.....	Backes, B. W.....	Orleans.....	Pump.....	Irrig.....		27	3	19	Harlan.....	Apr.	7	1950	4636
Fox Creek.....	Schick, Wm.....	Curtis.....	Pump.....	Irrig.....	.43	5	8	28	Frontier.....	May	16	1940	3161
Fox Creek.....	Keldsen, Chris.....	Curtis.....	Pump.....	Irrig.....	.35	8	8	28	Frontier.....	May	16	1940	3162
Frenchman R.	Athey, H. E.....	Wauneta.....	Wauneta Plant.....	Power.....	35.00	11	5	36	Chase.....	July	31	1886	178
Frenchman R.	Wauneta L. & P. Co.....	Wauneta.....	Wauneta Plant.....	Rs: Dam.....	D-178	11	5	36	Chase.....	May	7	1928	2015
Frenchman R.	Knotwell, Glen R.....	Champion.....	Champion Mills.....	Power.....	28.30	21	6	39	Chase.....	Dec.	31	1887	179
Frenchman R.	Krotter Bros.....	Palisade.....	Aberdeen Canal.....	Irrig.....	.83	3	5	38	Chase.....	July	1	1888	50a
Frenchman R.	Sheridan, Ellen T.....	McCook.....	Pump.....	Irrig.....	1.17	2	5	38	Chase.....	July	1	1888	50aR
Frenchman R. and Stinking Water Creek	Frenchman Valley Irrigation District	Culbertson.....	Culbertson Canal.....	Irrig.....	215.00	31	5	33	Hayes.....	May	16	1890	24-25 29-30
Frenchman R.	Kilpatrick Brothers.....	Beatrice.....	Champion Canal.....	Irrig.....	124.00	23	6	40	Chase.....	Dec.	23	1890	47
Frenchman R.	Sheridan, Ellen T., et al.....	McCook.....	Aberdeen Canal.....	Irrig.....	.50	3	5	38	Chase.....	Feb.	2	1891	50b
Frenchman R.	Crews, Jos. G., et al.....	Culbertson.....	Farmers Canal.....	Irrig.....	3.50	11	3	32	Hitchcock.....	Dec.	19	1893	10

†Reservoir capacity alleged by applicant.
 Stor-only. Land does not have a direct flow appropriation.
 ‡Amount affirmed by U. S. Supreme Court.
 "R" Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
(Canyon No. 10)	Gerlach, Geo., et al.	Culbertson	Wacker Canal	O. D.	D-10 17	3	31	Hitchcock	Dec.	19	1893		1523
(Canyon No. 10)	Crews, Jos. G., et al.	Culbertson	Farmers Canal	O. D.	D-10 17	3	31	Hitchcock	Dec.	19	1893		1573
Frenchman R.	Riverside Irrig. Co.	Culbertson	Riverside Canal	Irrig.	12.00 33	4	32	Hitchcock	July	28	1894	18	
Frenchman R.	Maranville, E., et al.	Champion	Maranville Canal	Irrig.	6.00 12	6	41	Chase	Dec.	8	1894	70-71	
Frenchman R.	Inman, Norton	Champion	Inman Canal	Irrig.	1.50 17	6	40	Chase	Feb.	28	1895	79	
Frenchman R.	Shallenberger and Hoffmeister	Imperial	Shallenberger Canal	Irrig.	1.77 25	6	39	Chase	Dec.	21	1897		423
Frenchman R.	Inman Irrig. Company	Imperial	Inman Canal	Irrig.	6.43 17	6	40	Chase	Feb.	10	1898		436
Frenchman R.	Hoke, J. A., Estate	Champion	Champion Creamery	Power	34.40 21	6	39	Chase	Dec.	12	1900		591
Frenchman R.	Follett-Krotter	Palisade	Pump	Irrig.	4.29 35	5	34	Hayes	Apr.	30	1903		705
Frenchman R.	Follett-Krotter	Palisade	Pump	Irrig.	2.57 35	5	34	Hayes	Aug.	11	1903		720
Frenchman R.	Krotter, F. C., Estate	Palisade	Follett-Krotter Canal	Irrig.	5.70 35	5	34	Hayes	Jan.	15	1910		975
Frenchman R.	Krotter, F. C., Estate	Palisade	Krotter Power Plant	Power	55.00 35	5	34	Hayes	Aug.	17	1910		1021
Frenchman R.	Krotter, F. C., Estate	Palisade	Krotter Canal	Irrig.	2.42 35	5	34	Hayes	Dec.	15	1910		1047
Frenchman R.	Kilpatrick Brothers	Beatrice	Kilpatrick Res. No. 1	Storage	†1000 AF 23	6	40	Chase	June	22	1911		1108
Frenchman R.	Athey, H. E.	Wauneta	Wauneta Plant	Power	75.00 11	5	36	Chase	Nov.	16	1911		1136
Frenchman R.	Arterburn, E. E.	Lincoln	Arterburn Reservoir	Storage	†1800 AF 11	6	41	Chase	Nov.	28	1911		1142
Frenchman R.	Bishop, Stephen S., Est.	Lincoln	Inman Reservoir	Storage	†2000 AF 17	6	40	Chase	Dec.	8	1911		1145
Frenchman R.	Oliver Brothers	Wauneta	Oliver Plant	Power	50.00 7	5	35	Hayes	Apr.	28	1913		1284
Frenchman R.	Oliver Brothers	Wauneta	Oliver Plant	Rs. Dam	A-1284 7	5	35	Hayes	Jan.	16	1929		2061
Frenchman R.	Oliver Brothers	Wauneta	Oliver Canal	Irrig.	3.20 7	5	35	Hayes	Apr.	28	1913		1285
Frenchman R.	Krotter, F. C., Estate	Palisade	Krotter Plant	Power	65.00 35	5	34	Hayes	Dec.	2	1913		1339
Frenchman R.	City of Imperial	Imperial	Imperial Plant	Power	55.00 25	6	39	Chase	Feb.	7	1917		1474
Frenchman R.	City of Imperial	Imperial	Imperial Reservoir	Storage	†960 AF 25	6	39	Chase	May	14	1917		1487
Frenchman R.	Riverside Ditch Co.	Culbertson	Riverside Canal	Irrig.	2.90 33	4	32	Hitchcock	July	3	1922		1674
Frenchman R.	Severns, Fred	Palisade	Pump	Irrig.	2.01 9	4	33	Hitchcock	Sept.	11	1926		1856
Frenchman R.	Krotter, F. C., Estate	Palisade	Follett-Krotter Canal	Irrig.	2.98 35	5	34	Hayes	Jan.	6	1933		2294
Frenchman R.	Grosbach and Williams	Wauneta	Grosbach-Williams Plant	Power	75.00 5	5	37	Chase	July	27	1933		2338

Frenchman R.	Grimm, Fred R.	Wauneta	Pumps	Irrig.	1.19	15	5 35	Hayes	Apr.	25	1935	2542
						16	5 35	Hayes	Apr.	25	1935	2542
						22	5 35	Hayes	Apr.	25	1935	2542
Frenchman R. and Springs	Hoffmeister, Geo.	Imperial	Hoffmeister Reservoir	Storage	†100 AF	31	6 38	Chase	Mar.	13	1936	2570
Frenchman R.	Krausnick, Fred W.	Wauneta	Pump	Irrig.	.56	3	5 37	Chase	Mar.	2	1937	2705
Frenchman R.	Wise, Emma J.	Palisade	Pump	Irrig.	1.38	22	5 35	Hayes	Aug.	10	1937	2772
Frenchman R.	Witt and Follett	Palisade	Pump	Irrig.	.46	35	5 34	Hayes	Nov.	20	1937	2805
Frenchman R.	Severns, U. S.	Palisade	Pump	Irrig.	.91	9	4 33	Hitchcock	Mar.	15	1938	2847
Frenchman R.	Haarberg, Fred C.	Wauneta	Pump	Irrig.	.35	16	5 35	Hayes	Apr.	2	1938	2858
Frenchman R.	Sims and Engell	Wauneta	Pump	Irrig.	1.23	17	5 35	Hayes	Feb.	9	1939	2908
Frenchman R.	Gruver, Clyde L.	Palisade	Pump	Irrig.	1.03	5	4 33	Hitchcock	Feb.	27	1939	2910
Frenchman R.	Handel, Raymond J.	Palisade	Pump	Irrig.	1.35	8	4 33	Hitchcock	Mar.	11	1940	3112
Frenchman R.	Krotter, F. C., Estate	Palisade	Krotter Reservoir	Storage	†88 AF	4	5 38	Chase	Sept.	11	1941	3504
Frenchman R.	Frenchman-Cambridge Irrigation District	McCook	Farmers Canal	Irrig.		34	4 32	Hitchcock	Jan.	22	1946	3869a
Frenchman R.	Frenchman-Cambridge Irrigation District	McCook	Riverside Canal	Irrig.		34	4 32	Hitchcock	Apr.	3	1946	3887a
Frenchman R.	Frenchman-Cambridge Irrigation District	McCook	Farmers Canal	Irrig.		34	4 32	Hitchcock	Apr.	3	1946	3887b
Frenchman R.	U. S. of America	Denver, Colo.	Enders Reservoir	Storage	†44079AF	4-9	5 37	Chase	May	1	1946	3899
Frenchman R.	Harvey, Duncan C.	Wauneta	Pump	Irrig.	4.13	3	5 36	Chase	Dec.	1	1949	4539
Frenchman R.	Blobaum, Clarence	Wauneta	Pump	Irrig.	1.61	7	5 36	Chase	Dec.	23	1949	4555
Frenchman R.	Blobaum, Clarence	Wauneta	Pump	Irrig.		8	5 36	Chase	Aug.	14	1950	4736
Frenchman R., Ravine, Trib. to	Krotter, F. C., Estate	Palisade	Krotter-Rice Reservoir	Storage	†33 AF	34	5 34	Hayes	Feb.	4	1944	3678
Frenchman R., Ravine, Trib. to	Krotter Bros.	Palisade	Krotter-Schlager Res.	Storage	†42 AF	26	4 33	Hitchcock	Mar.	12	1945	3814
Garey Reservoir	Garey, Raymond R.	Beaver City	Garey Canal	Stor-only		12	2 23	Furnas	Oct.	14	1939	3483
Gerd Reservoir	Gerd, Clarence	Stamford	Gerd Canal	Stor-only		34	2 21	Furnas	Feb.	29	1940	3485

O.D. Denotes optional diversion.

†Reservoir capacity alleged by applicant.

Stor-only. Land does not have a direct flow appropriation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Gilham Reservoir.	Gilham, Sarah C.....	Red Cloud....	Pump No. 2.....	Irrig.....		31	2	10	Webster....	Nov.	4	1946		4002
Ground Water....	Krotter, F. C. Estate...	Palisade.....	Krotter Well No. 1....	Irrig.....		36	5	34	Hayes.....	May	6	1938		2872*
			Krotter Well No. 2....	Irrig.....		1	4	34	Hitchcock..	May	6	1938		2872*
Ground Water....	Rice, Floyd W.....	Palisade.....	Rice Well.....	Irrig.....		34	5	34	Hayes.....	Oct.	8	1938		2889*
Ground Water....	Ashmore, Hugh B.....	Palisade.....	Ashmore Well.....	Irrig.....		25	5	34	Hayes.....	Mar.	11	1940		3113*
Ground Water....	Bauerle, William.....	Trenton.....	Bauerle Well.....	Irrig.....		34	3	32	Hitchcock..	June	3	1940		3170*
Ground Water....	Lichty, Nettie Grable...	Republican City	Grable Well.....	Irrig.....		13	1	18	Harlan.....	Aug.	21	1940		3237*
Ground Water....	Kilpatrick Bros. Co.....	Beatrice.....	Kilpatrick Well.....	Irrig.....		5	7	38	Chase.....	Dec.	9	1940		3345*
Ground Water....	Trenchard, J. W.....	Cambridge...	Trenchard Well.....	Irrig.....		4	3	26	Red Willow.	Feb.	17	1941		3393*
Ground Water....	Kimberling, Charley C..	Champion....	Kimberling Well.....	Irrig.....		20	6	40	Chase.....	Mar.	11	1941		3412*
Ground Water....	Seyler, Clemens G.....	Republican City	Seyler Well.....	Irrig.....		15	1	17	Harlan.....	Oct.	15	1941		3520*
Ground Water....	Haskins, Nelle.....	Republican City	Haskins Well.....	Irrig.....		16	1	17	Harlan.....	Oct.	21	1941		3521*
Ground Water....	Hewitt, Bert.....	Superior.....	Hewitt Well.....	Irrig.....		13	1	18	Harlan.....	Oct.	25	1941		3523*
Ground Water....	Shallenberger, Grace...	Alma.....	Shallenberger Well..	Irrig.....		6	1	18	Harlan.....	Oct.	29	1941		3528*
Ground Water....	Sindt, Henry.....	Naponee....	Sindt Well No. 1.....	Irrig.....		17	2	16	Franklin...	May	14	1942		3565*
Ground Water....	Chitwood, H. O.....		Chitwood Well No. 1..	Irrig.....		35	2	15	Franklin...	June	5	1942		3573*
Ground Water....	Federsen, Henry.....	Guide Rock..	Federsen Wells 1 & 2..	Irrig.....		24	2	9	Webster....	June	20	1942		3578*
Ground Water....	Becker, Bernard.....	Beaver City..	Becker Well.....	Irrig.....		15	2	22	Furnas.....	Aug.	15	1942		3583*
Ground Water....	Kimberling, C. C.....	Champion....	Kimberling Well No. 2.	Irrig.....		17	6	40	Chase.....	Mar.	8	1943		3598*
Ground Water....	Miller, L. N.....	Imperial....	Miller Well.....	Irrig.....		28	7	40	Chase.....	Mar.	23	1943		3600*
Ground Water....	Moody, Elbert, Estate...	Wauneta....	Moody Well.....	Irrig.....		12	6	36	Chase.....	July	6	1943		3622*
Ground Water....	Mollison, Guy G.....	Trenton.....	Mollison Well.....	Irrig.....		4	2	33	Hitchcock..	July	26	1943		3627*
Ground Water....	Arnold, Paul E.....	Lamar.....	Arnold Well.....	Irrig.....		18	6	40	Chase.....	Aug.	31	1943		3636*
Ground Water....	Losey, Perry J.....	Naponee....	Losey Wells 1 & 2....	Irrig.....		3	1	16	Franklin...	Feb.	28	1944		3690*
Ground Water....	Hughes, Herbert J.....	Lamar.....	Hughes Well.....	Irrig.....		6	7	40	Chase.....	Apr.	20	1944		3718*

Ground Water...	Krotter, F. C., Estate...	Palisade.....	Krotter Well No. 3.....	Irrig.....	34	5 34	Hayes.....	June	14	1944	3731*
Ground Water...	Krotter, F. C., Estate...	Palisade.....	Krotter Well No. 4.....	Irrig.....	36	5 34	Hayes.....	June	14	1944	3732*
Ground Water...	Krotter Bros.....	Palisade.....	Krotter Wells 5 & 6.....	Irrig.....	23	4 33	Hitchcock...	June	14	1944	3733*
Ground Water...	Kettle, Geo. A.....	Hays Center..	Kettle Well.....	Irrig.....	25	4 32	Hitchcock...	Sept.	5	1944	3761*
Ground Water...	Scott, A. Ray.....	Holdrege.....	Scott Well.....	Irrig.....	30	5 33	Hayes.....	Sept.	5	1944	3762*
Ground Water...	Kunnemann, Henry.....	Imperial.....	Kunnemann Well.....	Irrig.....	22	8 40	Chase.....	Jan.	18	1945	3794*
Ground Water...	Berry, A. E.....	Lamar.....	Berry Well.....	Irrig.....	1	6 41	Chase.....	Jan.	22	1945	3796*
Ground Water...	Broughton, R. R.....	Haigler.....	Broughton Well.....	Irrig.....	14	5 41	Chase.....	Jan.	26	1945	3800*
Ground Water...	Earl, Warren.....	Haigler.....	Earl Well.....	Irrig.....	32	5 40	Chase.....	Jan.	29	1945	3802*
Ground Water...	Schultz, C. W.....	Lamar.....	Schultz Well.....	Irrig.....	22	6 41	Chase.....	Jan.	29	1945	3803*
Ground Water...	Elder, Joseph A.....	Lamar.....	Elder Well.....	Irrig.....	30	7 41	Chase.....	Feb.	13	1945	3809*
Ground Water...	McFadden, Esther.....	Stratton.....	McFadden Well.....	Irrig.....	18	2 34	Hitchcock...	Mar.	2	1946	3877*
Ground Water...	Melchert, L. W.....	Stratton.....	Melchert Well.....	Irrig.....	18	2 34	Hitchcock...	Aug.	30	1946	3949*
Ground Water...	Lytile, Edwin H.....	Imperial.....	Lytile Well.....	Irrig.....	10	7 40	Chase.....	Oct.	18	1946	3985*
Ground Water...	Hall, W. B.....	Stratton.....	Hall Well No. 1.....	Irrig.....	23	2 35	Hitchcock...	Oct.	26	1946	3990*
Ground Water...	Hall, W. B.....	Stratton.....	Hall Well No. 2.....	Irrig.....	23	2 35	Hitchcock...	Oct.	26	1946	3991*
Ground Water...	Hall, W. B.....	Stratton.....	Hall Well No. 3.....	Irrig.....	17	2 34	Hitchcock...	Oct.	26	1946	3992*
Ground Water...	Reutzel, Herman P.....	Trenton.....	Reutzel Well.....	Irrig.....	35	3 33	Hitchcock...	Dec.	27	1946	4015*
Ground Water...	Pollman, Henry.....	Stratton.....	Pollman Well.....	Irrig.....	8	2 35	Hitchcock...	Jan.	21	1947	4025*
Ground Water...	Boyd, Marvin.....	Wilsonville..	Boyd Well.....	Irrig.....	11	1 26	Red Willow..	Mar.	14	1947	4047*
Ground Water...	Reagan, Annie K.....	Stratton.....	Reagan Well No. 1.....	Irrig.....	7	2 34	Hitchcock...	Mar.	19	1947	4049*
Ground Water...	Reagan, Annie K.....	Stratton.....	Reagan Well No. 2.....	Irrig.....	7	2 34	Hitchcock...	Mar.	19	1947	4050*
Ground Water...	Reagan, Annie K.....	Stratton.....	Reagan Well No. 3.....	Irrig.....	7	2 34	Hitchcock...	Mar.	19	1947	4051*
Ground Water...	Doyle, Harold.....	Guide Rock...	Doyle Well.....	Irrig.....	25	1 8	Nuckolls....	Aug.	2	1947	4090*
Ground Water...	Olmstede, George.....	Guide Rock...	Olmstede Wells.....	Irrig.....	16	1 9	Webster....	Aug.	4	1947	4091*
Ground Water...	Cox, J. K.....	Champion.....	Cox Well.....	Irrig.....	30	6 39	Chase.....	Sept.	4	1947	4105*
Ground Water...	Reed, H. S.....	Guide Rock...	Reed Well.....	Irrig.....	20	1 8	Nuckolls....	Oct.	24	1947	4135*
Ground Water...	Reed, Buren.....	Guide Rock...	Reed Well.....	Irrig.....	19	1 8	Nuckolls....	Nov.	10	1947	4142*
Ground Water...	Forgue, Leon C.....	Culbertson...	Forgue Well.....	Irrig.....	29	3 31	Hitchcock...	Feb.	18	1948	4210*
Ground Water...	Keech, Charley W.....	Palisade.....	Keech Well.....	Irrig.....	36	5 34	Hayes.....	Aug.	5	1948	4318*
Ground Water...	Dalton, Fred.....	Guide Rock...	Dalton Well.....	Irrig.....	13	1 19	Webster....	Oct.	30	1948	4355*
Ground Water...	Somerholder, Henry J.....	Guide Rock...	Somerholder Well.....	Irrig.....	36	2 10	Webster....	Jan.	6	1949	4417*
Ground Water...	Olson, John O.....	Minden.....	Olson Well.....	Irrig.....	29	6 15	Kearney....	Feb.	9	1949	4429*

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi-sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Ground Water...	Prior, Gordon S.....	Imperial.....	Prior Well.....	Irrig.....		19	7	38	Chase.....	May	4	1948	4469*
Ground Water...	Miner, Harold A.....	Lamar.....	Miner Well.....	Irrig.....		9	7	41	Chase.....	May	4	1949	4470*
Ground Water...	Zander, Victor H.....	Culbertson.....	Zander Well.....	Irrig.....		18	3	30	Red Willow.	June	4	1949	4479*
Ground Water...	Thuman, Lora A.....	Minden.....	Thuman Well.....	Irrig.....		15	6	15	Kearney....	Dec.	8	1949	4544*
Ground Water...	O'Brien, John F.....	Cambridge....	O'Brien Well.....	Irrig.....		33	4	26	Red Willow.	Dec.	24	1949	4557*
						4	3	26	Red Willow.	Dec.	24	1949	4557*
Ground Water...	Oberheide, Dean C.....	Red Cloud....	Oberheide Well.....	Irrig.....		36	2	10	Webster....	Dec.	30	1940	4560*
Ground Water...	Kunneman, Geo.....	Imperial.....	Kunneman Well.....	Irrig.....		2	7	40	Chase.....	Jan.	5	1950	4565*
Ground Water...	Stadler, Neligh.....	Minden.....	Stadler Well.....	Irrig.....		32	6	15	Kearney....	Jan.	7	1950	4567*
Ground Water...	Bang, Wm.....	Minden.....	Bang Well.....	Irrig.....		11	6	15	Kearney....	Jan.	16	1950	4572*
Ground Water...	Woodward, Stanley.....	Guide Rock...	Woodward Well.....	Irrig.....		18	1	9	Webster....	Jan.	27	1950	4581*
Ground Water...	Carmody, Arthur.....	Trenton.....	Carmody Well.....	Irrig.....		3	2	33	Hitchcock..	Feb.	1	1950	4583*
Ground Water...	Lundeen, Harold.....	Minden.....	Lundeen Well.....	Irrig.....		31	6	15	Kearney....	Feb.	10	1950	4593*
Ground Water...	Row, Floyd W.....	Davenport....	Row Well.....	Irrig.....		26	4	5	Nuckolls....	Feb.	27	1950	4607*
Ground Water...	Tietze, Ernest.....	Fremont.....	Tietze Well.....	Irrig.....		29	4	24	Furnas.....	Mar.	10	1950	4616*
Ground Water...	Wills, John M.....	Stamford.....	Wills Well.....	Irrig.....		13	2	21	Furnas.....	May	15	1950	4677*
Ground Water...	Cranwell, Willis E.....	Imperial.....	Cranwell Well.....	Irrig.....		21	7	41	Chase.....	May	17	1950	4681*
Ground Water...	Davis, Eldon H.....	Bladen.....	Davis Well.....	Irrig.....		7	4	11	Webster....	May	27	1950	4684*
Ground Water...	McInturf, Glen F.....	Stamford.....	McInturf Well.....	Irrig.....		24	2	21	Furnas.....	June	9	1950	4693*
Ground Water...	Potter, Dean and W. S..	Wilcox.....	Potter Well.....	Irrig.....		16	3	16	Franklin...	Sept.	5	1950	4744*
Hoffmeister Res.	Hoffmeister, Geo.....	Imperial.....	Hoffmeister Canal.....	Stor-only.		30	6	38	Chase.....	Mar.	13	1936	2575
Horse Creek.....	Pringle, Geo. N.....	Parks.....	Horse Creek Canal.....	Irrig.....	1.86	23	1	39	Dundy.....	Aug.	31	1885	159 } 173 }
#Indian Creek..	Brown, Clyde A.....	Max.....	Pump.....	Irrig.....	.83	23	2	36	Dundy.....	Aug.	23	1944	3758
Indian Creek.....	Daniels, Elbert E.....	Max.....	Pump.....	Irrig.....	.47	23	2	36	Dundy.....	Oct.	14	1947	4127

Indian Creek....	Sutton, Edna.....	Laverne, Calif	Pump	Irrig.	2.21	21	2	11	Webster....	Jan.	9	1926	1791
Indian Creek....	Tupper, B. J.....	Red Cloud....	Pump	Irrig.	3.87	20	2	11	Webster....	Jan.	19	1926	1792
James Reservoir.	Betts, Mrs. N. O.....	Bloomington..	James Canal.....	Supp. I... A-2521	28	2	15	Franklin...	Sept.	28	1935	2719	
James Reservoir.	Betts, Mrs. M. E.....	Bloomington..	James Canal.....	Stor-only.	28	2	15	Franklin...	Sept.	28	1935	3318	
Kara Lake Res...	Anderson, Hugh L....	Benkelman...	Kara Canal.....	Stor-only.	20	1	39	Dundy.....	Oct.	31	1931	2480	
Kilpatrick Res...	Kilpatrick Brothers...	Beatrice.....	Kilpatrick Res. Canal...	Supp. I... D-47	30	6	39	Chase.....	June	22	1911	1160	
Lueking Reservoir	Lueking, Henry.....	Oxford.....	Lueking Res. Canal....	Stor-only.	3	3	22	Furnas....	Feb.	28	1940	3929	
Lunt Reservoir...	Miller and Anderson....	Superior.....	Lunt Canal.....	Stor-only	28	1	6	Nuckolls...	Nov.	19	1930	2201	
Mauer Springs...	C. B. & Q. R. R. Co....	Lincoln.....	Burlington Pipe Line....	Domestic	1.48	23	2	11	Webster....	Nov.	28	1911	1143
Medicine Creek...	Gold Coin Mills.....	Cambridge....	Cambridge Mill	Power ...	68.00	29	4	25	Furnas....	Dec.	31	1878	92-93
Medicine Creek...	Reed, Martha.....	Stockville....	Sanders Canal	Irrig. ....	.14	27	7	27	Frontier...	Feb.	8	1895	83
Medicine Creek...	Crete Mills.....	Crete.....	Curtis Lake	Power ...	32	8	28	Frontier...					364*
Medicine Creek...	Game, Forestation and Parks Commission	Lincoln.....	Wellfleet Lake	Resort... †80 AF	18	9	30	Lincoln....	June	15	1931	2210	
Medicine Creek...	Towne, W. E.....	Maywood.....	Pump	Irrig. ....	.59	26	8	29	Frontier...	Feb.	6	1940	3088
Medicine Creek...	Compton, C. H., Mrs...	Cambridge....	Pump	Irrig. ....	.67	24	5	26	Frontier...	May	14	1940	3158
Medicine Creek...	Keith, Luther I.....	Orafino.....	Pumps	Irrig. ....	.70	34	6	26	Frontier...	June	4	1940	3173
						2	5	26	Frontier...	June	4	1940	3173
Medicine Creek...	Towne, W. E.....	Maywood.....	Pump	Irrig. ....	.15	26	8	29	Frontier...	July	11	1940	3197
Medicine Creek...	Buker, J. G.....	Stockville....	Pump	Irrig. ....	.59	18	6	26	Frontier...	Oct.	8	1940	3285
Medicine Creek...	Buker, Guy S.....	Stockville....	Pump	Irrig. ....	.33	12	6	27	Frontier...	Oct.	9	1940	3287
Medicine Creek...	Schmelzer, Albert.....	Maywood.....	Pump	Irrig. ....	.62	8	8	29	Frontier...	Oct.	31	1940	3315
Medicine Creek...	Compton, C. H.....	Cambridge....	Pump	Irrig. ....	.64	24	5	26	Frontier...	Dec.	10	1940	3350
Medicine Creek...	Mousel, George A.....	Cambridge....	Pump	Irrig.	1.56	31	5	25	Frontier...	Apr.	5	1943	3604
Medicine Creek...	Mousel, George A.....	Cambridge....	Pumps	Irrig. ....	.18	1	4	26	Red Willow.	Apr.	20	1943	3608

*Application pending, or claim not adjudicated.
 Stor-only. Land does not have a direct flow appropriation.
 Supp. I. Denotes storage water in addition to direct flow.
 #Indian Creek in Dundy County and Indian Creek in Webster County are separate streams.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Medicine Creek...	Mousel, Robert, Jr.....	Cambridge...	Pump	Irrig.....	.80	25	5	26	Frontier...	June	4	1943	3614
						36	5	26	Frontier...	June	4	1943	3614
Medicine Creek...	Harding, Ernest L.....	Cambridge...	Pumps	Irrig.....	.38	7	4	25	Furnas	Aug.	21	1943	3632
Medicine Creek...	Babcock, Ruth.....	Cambridge...	Pump	Irrig.....	.18	18	4	25	Furnas	Mar.	22	1944	3701
Medicine Creek...	Buker, Jay D.....	Curtis.....	Pump	Irrig.....	1.03	7	7	27	Frontier...	May	19	1945	3835
						18	7	27	Frontier...	May	19	1945	3835
Medicine Creek...	U. S. of America.....	Denver, Colo..	Medicine Creek Res.....	Storage..	†40000AF	24	5	26	Frontier...	May	1	1946	3900
						25	5	26	Frontier...	May	1	1946	3900
Medicine Creek...	Wolf and Staley.....	Bartley.....	Pump	Irrig.....	.36	20	6	26	Frontier...	Apr.	28	1947	4070
Medicine Creek...	Pursel, Ori O.....	Curtis.....	Pump	Irrig.....	1.17	1	7	28	Frontier...	Nov.	13	1948	4364
Medicine Creek...	Hasenauer and Saunders.	Wellfleet.....	Pump	Irrig.....	.40	35	10	31	Lincoln	Jan.	4	1949	4414
Medicine Creek...	Heilman, Guy.....	Cambridge...	Pump	Irrig.....	.30	29	4	25	Furnas	Feb.	5	1949	4427
Medicine Creek...	Brandt, J. A.....	Cambridge...	Pump	Irrig.....	.52	12	4	26	Red Willow.	Nov.	1	1949	4529
Medicine Creek...	Mousel, Harold.....	Cambridge...	Pump	Irrig.....	.39	17	4	25	Furnas	Feb.	16	1950	4600
Medicine Creek...	Brown, John C.....	Cambridge...	Pump	Irrig.....	.28	1	4	26	Red Willow.	Mar.	2	1950	4613
Medicine Creek...	Richardson, L. C.....	Cambridge...	Pump	Irrig.....		18	4	25	Furnas	Apr.	6	1950	4635
Milrose Creek....	Keester, R. L., Estate..	Alma.....	Pump	Irrig.....	.35	9	2	19	Harlan	Dec.	10	1940	3348
Milrose Creek....	Kerr, Robert H.....	Alma.....	Pump	Irrig.....	.74	8	2	19	Harlan	June	14	1943	3621
#Muddy Creek....	Larson, Oscar F.....	Arapahoe....	Pump	Irrig.....	3.53	17	4	23	Furnas	Feb.	9	1927	1898
Muddy Creek....	Monter, Herman C.....	Arapahoe....	Pump	Irrig.....	.29	15	4	23	Furnas	Oct.	13	1928	2042
Muddy Creek....	Stansbie, Jess.....	Cambridge...	Pump	Irrig.....	1.26	16	4	23	Furnas	Feb.	4	1944	3679
#Muddy Creek....	Tracy, Estella G.....	Max.....	Pump	Irrig.....	1.19	2	2	36	Dundy.....	Nov.	20	1940	3335
Muddy Creek....	Nichols, L. F.....	Wanneta....	Pump	Irrig.....	.41	20	3	36	Dundy.....	Feb.	14	1949	4435
Muddy Creek....	Nichols, L. F.....	Wanneta....	Pump	Irrig.....	.21	21	3	36	Dundy.....	Oct.	8	1949	4521
#Muddy Creek....	Rath, A. A.....	Stratton....	Pump	Irrig.....		5	2	35	Hitchcock..	Apr.	29	1950	4659
Muddy Creek....	Clark, Paul.....	Stratton....	Pump	Irrig.....		9	2	35	Hitchcock..	June	29	1950	4715

Muddy Creek, North Branch	Clark, Paul W.....	Stratton.....	Pump.....	Irrig.....	4	2	35	Hitchcock...	July	15	1950	4725	
Ohmstead Res...	Ohmstead, Chris	Guide Rock...	Ohmstead Canal	Irrig.....	17	1	9	Webster....	Aug.	31	1946	3952	
Paine Reservoir.	Paine, Clyde S.....	Edison.....	Paine Canal	Stor-only.	21	4	22	Furnas.....	Apr.	18	1940	3478	
Prairie Dog Cr...	Feese, C. A.....	Alma.....	Pump No. 1.....	Irrig.....	.69	24	1	18	Harlan....	Aug.	2	1937	2768
			Pump No. 2.....	Irrig.....	.44	25	1	18	Harlan....	Aug.	2	1937	2768
Prairie Dog Cr...	Seyler, Lew	Alma.....	Pump.....	Irrig.....	.50	33	1	18	Harlan....	Sept.	13	1937	2786
Prairie Dog Cr...	Stoits, Carroll	Republican City	Pump.....	Irrig.....	.39	24	1	18	Harlan....	Aug.	2	1939	2946
Prairie Dog Cr...	Kauk, Fred	Alma.....	Pump.....	Irrig.....	.29	32	1	18	Harlan....	Aug.	7	1939	2948
Prairie Dog Cr...	McClerry, Winifred W...	Alma.....	Pumps.....	Irrig.....	.44	31	1	18	Harlan....	Nov.	6	1939	3010
Prairie Dog Cr...	Lethem, John R.....	Republican City	Pumps.....	Irrig.....	.33	24	1	18	Harlan....	Dec.	12	1939	3046
Prairie Dog Cr...	Kauk, Wm.	Alma.....	Pump.....	Irrig.....	.19	28	1	18	Harlan....	Jan.	19	1940	3078
Prairie Dog Cr...	Stone, Earl D.....	Republican City	Pumps.....	Irrig.....	.58	23	1	18	Harlan....	Mar.	4	1940	3103
Prairie Dog Cr...	Thompson, Mayma	Alma.....	Pumps.....	Irrig.....	.31	34	1	18	Harlan....	Mar.	4	1940	3104
Prairie Dog Cr...	Beyer and Waldo.....	Alma.....	Pump.....	Irrig.....	.25	23	1	18	Harlan....	Sept.	5	1940	3256
Prairie Dog Cr...	Miller, Glenn	Woodruff, Kans.	Pump.....	Irrig.....	.93	35	1	19	Harlan....	Oct.	11	1940	3292
Prairie Dog Cr...	Stone, James S.....	Alma.....	Pump.....	Irrig.....	.40	33	1	18	Harlan....	Nov.	20	1940	3334
Prairie Dog Cr...	King, Louise, et al.....	Kearney.....	Pump.....	Irrig.....	.84	19	1	17	Harlan....	Mar.	6	1941	3411
Prairie Dog Cr...	Miller, Glenn	Woodruff, Kans.	Pump.....	Irrig.....	.23	35	1	19	Harlan....	Feb.	11	1949	4434
Prairie Dog Cr...	Peschel, Mrs. Allen.....	Alma.....	Pump.....	Irrig.....	.58	31	1	18	Harlan....	Sept.	16	1949	4514
Prairie Dog Cr. Tributary to	Kauk, Fred	Alma.....	Pump.....	Irrig.....	.22	29	1	18	Harlan....	Dec.	12	1939	3047
Red Willow Cr...	Dienes, Frantz, et al....	Friend.....	Pump.....	Irrig.....	.93	8	3	28	Red Willow.	Dec.	5	1910	1042

†Reservoir capacity alleged by applicant.

#Muddy Creek in Furnas County and Muddy Creek in Dundy County are separate streams.

Stor-only. Land does not have a direct flow appropriation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Red Willow Cr...	Ruggles, Lowell.....	McCook.....	Hadley Canal.....	Irrig.....	8.43	36	3	28	Red Willow.	Oct.	22	1927		1964
Red Willow Cr...	Fitzgerald, Elmer.....	Hayes Center.	Pump.....	Irrig.....	.57	21	8	32	Hayes.....	July	27	1934		2447
Red Willow Cr...	Bortner, Wm.....	St. Ann.....	Pump.....	Irrig.....	.57	28	5	30	Frontier....	July	21	1939		2938
Red Willow Cr...	Walker, Chas.....	St. Ann.....	Pump.....	Irrig.....	.81	9	6	31	Hayes.....	Dec.	6	1939		3037
Red Willow Cr...	Quick, Merritt W.....	McCook.....	Pump.....	Irrig.....	.76	31	5	29	Frontier....	Jan.	22	1940		3082
Red Willow Cr...	McKillip, A. P., Estate..	Hayes Center.	Pump.....	Irrig.....	.97	22	6	31	Hayes.....	Mar.	9	1940		3111
Red Willow Cr...	Bortner, Wm.....	St. Ann.....	Pump.....	Irrig.....	.18	21	5	30	Frontier....	Mar.	12	1940		3114
Red Willow Cr...	Hill, Howard W.....	Hayes Center.	Pump.....	Irrig.....	.23	27	6	31	Hayes.....	Mar.	28	1940		3124
Red Willow Cr...	Little, H. E.....	Culbertson...	Pump.....	Irrig.....	.42	2	5	31	Hayes.....	Sept.	20	1941		3508
Red Willow Cr...	Little, Hugh E.....	Culbertson...	Pump.....	Irrig.....	.26	2	5	31	Hayes.....	Apr.	30	1943		3609
Red Willow Cr...	Dienes, Frantz, et al....	Friend.....	Pump.....	Irrig.....	.48	8	3	28	Red Willow.	July	12	1943		3623
Red Willow Cr...	Beebe, George.....	Culbertson...	Pump.....	Irrig.....	.59	35	6	31	Hayes.....	Aug.	16	1943		3631
Republican R....	Consumers P. P. Dist....	Columbus....	Guthrie Canal.....	Power....	400.00	34	1	7	Nuckolls....	Sept.	1	1877	1036	
Republican R....	Kirtland, E. S.....	Orleans.....	Orleans Mill.....	Power....			27	2	19	Harlan.....			1043*	
Republican R....	Pioneer Irrig. Co.....	Haigler.....	Haigler Canal.....	Irrig.....	24.39	2	1	43	Yuma, Colo.	Apr.	4	1890	1025	
Republican R....	Crews, Lewis E.....	Longmont, Colo.	Crews Canal.....	Irrig.....	2.61	21	1	41	Dundy.....	Apr.	4	1890	1025 R	
Republican R....	Pioneer Irrig. District...	Haigler.....	Haigler Canal.....	Irrig.....	††35.00	2	1	43	Yuma, Colo.	Apr.	4	1890	1025	
Republican R....	Pioneer Irrig. District...	Yuma, Colo..	Haigler Canal.....	Irrig.....	††15.00	2	1	43	Yuma, Colo.	Apr.	4	1890	1025	
Republican R....	U. S. Bureau of Reclamation	McCook.....	Meeker Canal.....	Irrig.....	143.00	15	3	31	Hitchcock..	Dec.	22	1890	4-9 8-7	
Republican R....	Delaware-Hickman Ditch Company	Benkelman...	Delaware-Hickman Canal	Irrig.....	20.00	17	1	37	Dundy.....	Jan.	7	1895	157	
Republican R....	Pringle, Geo. N. Estate.	Parks.....	Parks Canal.....	Irrig.....	16.00	20	1	39	Dundy.....	June	18	1912		1202
Republican R....	Pringle, Geo. N. Estate.	Parks.....	Parks Canal.....	Irrig.....	2.00	20	1	39	Dundy.....	Dec.	31	1915		1444
Republican R....	Pringle, Geo. N. Estate.	Parks.....	Parks Canal.....	Irrig.....	1.14	20	1	39	Dundy.....	Sept.	5	1919		1555

Republican R.....	Crews, L. E.....	Longmont, Colo.	Crews Canal No. 2.....	Irrig.....	2.59	20	1	41	Dundy.....	Mar.	29	1923	1709
Republican R.....	Fishbach, Geo.....	Orleans.....	Pump.....	Irrig.....	1.58	33	2	19	Harlan.....	Aug.	27	1925	1778
Republican R.....	Stevenson, L. E. Estate.	Alma.....	Pump.....	Irrig.....	6.34	5	1	13	Harlan.....	Sept.	30	1925	1781
Republican R.....	Haeker, K. G.....	Alma.....	Pump.....	Irrig.....	4.60	35	2	19	Harlan.....	Mar.	2	1926	1798
Republican R.....	Worden, Dorsey.....	Superior.....	Pump.....	Irrig.....	1.04	32	1	6	Nuckolls.....	Sept.	23	1926	1862
Republican R.....	Runck and Murdoch.....	Orleans.....	Pumps.....	Irrig.....	3.29	22	3	20	Harlan.....	Sept.	18	1928	2029
Republican R.....	Keifer, J. Warren, Jr.....	Bostwick.....	Keifer Canal No. 1.....	Irrig.....	9.83	21	1	8	Nuckolls.....	Sept.	22	1930	2167
Republican R.....	Mendell, B. C.....	Superior.....	Mendell Canal.....	Irrig.....	2.81	35	1	7	Nuckolls.....	Sept.	7	1932	2283
Republican R.....	Fischbach, Geo.....	Orleans.....	Pump.....	Irrig.....	33	2	19	Harlan.....	Feb.	15	1933	2304	
Republican R.....	Arneson, F. L.....	Red Cloud.....	Pumps.....	Irrig.....	23	2	1	12	Webster.....	Apr.	17	1933	2318
Republican R.....	Best, John.....	Oxford.....	Pump.....	Irrig.....	2.50	36	4	22	Furnas.....	Nov.	9	1934	2492
Republican R.....	Fisher, Marshall.....	Edison.....	Pump.....	Irrig.....	32	36	4	22	Furnas.....	June	23	1936	2583
Republican R.....	Bostwick Irrigation Dist.	Red Cloud.....	Republican River Canal No. 1	Irrig.....	11	1	17	Harlan.....	Feb.	1	1937	2691a*	
			Republican River Canal No. 2	Irrig.....	5	1	13	Franklin.....	Feb.	1	1937	2691b*	
			Republican River Canal No. 3	Irrig.....	8	1	9	Webster.....	Feb.	1	1937	2691c*	
Republican R.....	Bostwick Irrigation Dist.	Red Cloud.....	Republican City Reservoir	Storage..	14	1	17	Harlan.....	Feb.	1	1937	2692*	
Republican R.....	Lang, Alfred E.....	Indianola.....	Pump.....	Irrig.....	42	14	3	27	Red Willow.	Feb.	16	1937	2698
Republican R.....	French, J. A.....	Edison.....	Pump.....	Irrig.....	39	6	3	21	Furnas.....	Feb.	25	1937	2703
Republican R.....	Andrews, Donald.....	Cambridge.....	Pump.....	Irrig.....	56	29	4	24	Furnas.....	Apr.	29	1938	2867
Republican R.....	Kiehl, W. C., Estate.....	Guide Rock.....	Pump.....	Irrig.....	26	9	1	9	Webster.....	May	2	1939	2919
Republican R.....	Mendell, B. C.....	Superior.....	Mendell Canal.....	Irrig.....	07	35	1	7	Nuckolls.....	July	13	1939	2934
Republican R.....	Uplinger, Mabel E.....	Kearney.....	Uplinger Canal.....	Irrig.....	75	11	1	17	Harlan.....	Nov.	15	1939	3019
Republican R.....	Dunn and Chambers.....	Inavale.....	Pump.....	Irrig.....	36	1	1	16	Franklin.....	Jan.	19	1940	3079
Republican R.....	Kahrs and Lieneman.....	Franklin.....	Pump.....	Irrig.....	78	7	1	15	Franklin.....	Jan.	22	1940	3081
Republican R.....	Martin, Morris G., et al.	Hastings.....	Pump.....	Irrig.....	18	8	1	11	Webster.....	Mar.	13	1940	3116
Republican R.....	Houchin, George.....	Red Cloud.....	Pump.....	Irrig.....	07	15	1	9	Webster.....	Apr.	5	1940	3131

*Claim not adjudicated, or application pending.

“R” Denotes relocation.

†Amount affirmed by U. S. Supreme Court: 35.00 second-feet for Nebraska, and 15.00 second-feet for Colorado.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Republican R....	Howell, Charles	Bloomington.	Pump	Irrig.....	.75	10	1	16	Franklin...	Apr.	15	1940		3134
Republican R....	Reisher, Noah G.....	Benkelman...	Pump	Irrig.....	1.21	30	1	38	Dundy.....	July	29	1940		3221
Republican R....	Meyer, Ernst	Superior.....	Pump	Irrig.....	.87	34	1	7	Nuckolls...	Aug.	26	1940		3240
Republican R....	Amack, Edgar R.....	Red Cloud....	Pump	Irrig.....	.19	7	1	10	Webster....	Aug.	28	1940		3244
Republican R....	Auld, Jessica C.....	Palo Alto....	Pump	Irrig.....	1.36	9	1	11	Webster....	Aug.	31	1940		3248
Republican R....	Butler, Floyd R.....	Superior.....	Pump	Irrig.....	.59	34	1	7	Nuckolls...	Sept.	3	1940		3252
Republican R....	Tietze, Ernest E., et al.	Fremont.....	Pumps	Irrig.....	.73	28	4	24	Furnas.....	Oct.	16	1940		3298
Republican R....	Bach, W. J.	Riverton.....	Pump No. 1.....	Irrig.....	.47	3	1	14	Furnas.....	Oct.	16	1940		3298
Republican R....	Bach, Mrs. Theo.....	Riverton.....	Pump No. 1.....	Irrig.....	.90	3	1	14	Franklin...	Jan.	22	1941		3375
Republican R....	Lang, Alfred E.....	Indianola....	Pump	Irrig.....	.87	14	3	27	Red Willow.	Feb.	6	1941		3384
Republican R....	McCann, Howard	Edison.....	Pump	Irrig.....	.84	35	4	22	Furnas.....	Feb.	24	1941		3401
Republican R....	Butler, Floyd R.....	Superior.....	Pump	Irrig.....	.03	34	1	7	Nuckolls...	May	2	1941		3438
Republican R....	Keifer, Oswin	Bostwick....	Keifer Canal No. 1.....	Irrig.....	2.08	21	1	8	Nuckolls...	May	9	1941		3443
Republican R....	Arneson, F. L.	Red Cloud....	Valley Grove Canal.....	Irrig.....	.25	5	1	12	Nuckolls...	Jan.	27	1942		3547
Republican R....	Olson, Wendell.....	Orleans.....	Pump	Irrig.....	1.00	36	3	20	Webster....	Mar.	11	1942		3558
Republican R....	North Republican Irrigation District	McCook.....	Lower Haigler Canal.....	Irrig.....		21	1	40	Harlan.....	Aug.	5	1943		3629
Republican R....	North Republican Irrigation District	McCook.....	Benkelman Canal.....	Irrig.....		24	1	38	Dundy.....	Jan.	22	1946		3868b*
Republican R....	Frenchman-Cambridge Irrigation District	McCook.....	Meeker Canal.....	Irrig.....		15	3	31	Hitchcock..	Jan.	22	1946		3869b
Republican R....	Frenchman-Cambridge Irrigation District	McCook.....	North Red Willow Canal.	Irrig.....		16	3	28	Red Willow	Jan.	22	1946		3869c
Republican R....	Frenchman-Cambridge Irrigation District	McCook.....	South Red Willow Canal	Irrig.....		16	3	28	Red Willow	Jan.	22	1946		3869d
Republican R....	Frenchman-Cambridge Irrigation District	McCook.....	Cambridge-Oxford- Orleans Canal	Irrig.....		27	4	25	Furnas.....	Jan.	22	1946		3869e

Republican R.	Frenchman-Cambridge Irrigation District	McCook	Meeker Canal	Irrig.	15	3	31	Hitchcock	Apr.	3	1946	3887c	
Republican R.	Peterson, Ben E.	Orleans	Pump	Irrig.	.25	1	2	20	Harlan	Mar.	3	1947	4042
Republican R.	Myers, H. Leslie	Superior	Pump	Irrig.	.31	34	1	7	Nuckolls	Apr.	11	1947	4066
Republican R.	Ohmstede, Gerhard	Guide Rock	Pump	Irrig.	.36	10	1	9	Webster	June	13	1947	4080
Republican R.	Nebraska Cement Co.	Superior	Pump	Mfg.	11.50	27	1	7	Nuckolls	Sept.	10	1947	4109
Republican R.	Jackson, Marvin W.	Naponee	Pump	Irrig.	.74	11	1	16	Franklin	Nov.	5	1947	4140
Republican R.	Crozier, Walter	Guide Rock	Pump	Irrig.	.15	1	1	9	Webster	Nov.	14	1947	4143
Republican R.	U. S. of America	Denver	Harlan County Reservoir	Storage	†350,000	2	1	17	Harlan	Jan.	26	1948	4190
					AF								
Republican R.	Harris, Lyle A.	Denver	Pump	Irrig.	1.02	10	1	10	Webster	Feb.	7	1948	4205
Republican R.	Bostwick Irrig. District	Red Cloud	Franklin Canal	Irrig.		11	1	17	Harlan	Feb.	26	1948	4214*
Republican R.	Bostwick Irrig. District	Red Cloud	Naponee Canal	Irrig.		14	1	17	Harlan	Feb.	26	1948	4217*
Republican R.	Bostwick Irrig. District	Red Cloud	Red Cloud No. 1 Pump Canal	Irrig.		7	1	12	Webster	Feb.	26	1948	4218*
Republican R.	Bostwick Irrig. District	Red Cloud	Red Cloud No. 2 Pump Canal	Irrig.		2	1	12	Webster	Feb.	26	1948	4219*
Republican R.	Bostwick Irrig. District	Red Cloud	Red Cloud No. 3 Pump Canal	Irrig.		8	1	11	Webster	Feb.	26	1948	4220*
Republican R.	Bostwick Irrig. District	Red Cloud	Superior Canal	Irrig.		7	1	9	Webster	Feb.	26	1948	4221
Republican R.	Bostwick Irrig. District	Red Cloud	Courtland Canal	Irrig.		7	1	9	Webster	Feb.	26	1948	4222
Republican R.	Bostwick Irrig. District	Red Cloud	Franklin Canal	Irrig.		5	1	14	Franklin	Feb.	28	1948	4227*
Republican R.	Grant, Elsie M.	Naponee	Pump	Irrig.	1.00	16	1	16	Franklin	Apr.	26	1948	4250
Republican R.	Sindt, John	Republican City	Pump	Irrig.	3.27	12	1	18	Harlan	Sept.	16	1948	4343
Republican R.	Weidel, Albert E.	Orleans	Pump	Irrig.	1.94	19	2	19	Harlan	Nov.	30	1948	4387
Republican R.	Hergott, Francis	Orleans	Pump	Irrig.	.81	18	2	9	Harlan	Jan.	13	1949	4421
Republican R.	Thompson and Johnston	Guide Rock	Pump	Irrig.	2.14	18	1	8	Nuckolls	Apr.	14	1949	4463
Republican R.	Fries, Magnus	Benkelman	Pump	Irrig.	2.40	28	1	38	Dundy	Oct.	13	1949	4522
Republican R.	Amman, Fred C.	Bloomington	Pump	Irrig.	.26	8	1	15	Franklin	Feb.	9	1950	4590
Republican R.	Detlefsen, Ralph	Franklin	Pump	Irrig.		11	1	15	Franklin	Apr.	19	1950	4645
Republican R.	McComb, Jessie D.	San Francisco	Pump	Irrig.		12	1	16	Franklin	July	7	1950	4719

*Application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Republican R.	Cantrell, Laura.....	Bloomington..	Pump	Irrig.....		8	1	15	Franklin....	Sept.	1	1950		4743
Republican R., Ravine, Trib. to	Lueking, H. L.....	Oxford.....	Lueking Reservoir.....	Storage...	†234 AF	3	3	22	Furnas.....	Feb.	28	1940		3098
Republican R., Ravine, Trib. to	Paine, Clyde S.....	Edison.....	Paine Reservoir.....	Storage...	†420 AF	21	4	22	Furnas.....	Apr.	18	1940		3138
Republican R., Ravine, Trib. to	Crow, Clark.....	Oxford.....	Crow Reservoir.....	Storage...	†99 AF	19	3	20	Harlan.....	Nov.	20	1940		3333
Republican R., Ravine, Trib. to	Broeker, Gezena M.....	Arapahoe.....	Broeker Reservoir.....	Storage...	†122 AF	4	3	22	Furnas.....	Dec.	10	1940		3349
Republican R., Ravine, Trib. to	Haeker, Robert.....	Orleans.....	Haeker Reservoir.....	Storage...	†105 AF	2	1	19	Harlan.....	Aug.	30	1946		3950
Republican R., Ravine, Trib. to	Ohmstead, Chris.....	Guide Rock..	Ohmstead Reservoir.....	Storage...	†236 AF	17	1	9	Webster....	Aug.	31	1946		3951
Republican R., Ravine, Trib. to	Gilham, Sarah C.....	Red Cloud...	Gilham Reservoir.....	Storage...	†100 AF	31	2	10	Webster....	Nov.	4	1946		4001
Republican R., North Fork	North Republican Irrigation District	McCook.....	Upper Haigler Canal....	Irrig.....		13	1	42	Dundy.....	Jan.	22	1946		3868a*
Republican R., South Fork	McDonald, J. A.....	Benkelman..	McDonald Canal.....	Irrig.....	.79	36	1	38	Dundy.....	Nov.	13	1901		644
Rock Creek.....	Anderson, Hugh L.....	Benkelman..	Phelan Canal.....	Irrig.....	1.86	17	1	39	Dundy.....	Dec.	31	1883	138	
Rock Creek.....	Anderson, Hugh L.....	Benkelman..	Kara Lake Reservoir....	Storage...	†50 AF	17	1	39	Dundy.....	Oct.	31	1931		2246
Rock Creek.....	Game, Forestation and Parks Commission	Lincoln.....	Rock Creek Lake.....	Fish.....	†215 AF	6	1	39	Dundy.....	Feb.	28	1934		2366
Rock Creek.....	North Republican Irrigation District	McCook.....	Rock Creek Canal.....	Irrig.....		21	1	39	Dundy.....	Jan.	22	1946		3868d*
Rope Creek.....	Bortfeld, Fred E.....	Orleans.....	Pump	Irrig.....	.32	25	2	19	Harlan.....	Dec.	19	1940		3357

Sacramento Cr...	Davidson, Martin E....	Holdrege.....	Pump	Irrig.....	.50	12	5	18	Phelps.....	June	12	1937	2753	
Sappa Creek.....	Zulauf, Geo. W.....	Stamford.....	Stamford Mill	Power....		21	2	20	Harlan.....				997*	
Sappa Creek.....	Flodine, A. L.....	Stamford.....	Pump	Irrig.....	.94	19	2	20	Harlan.....	Sept.	9	1926	1855	
Sappa Creek.....	Johnson, Edward E....	Hastings.....	Pump	Irrig.....	1.09	24	2	20	Harlan.....	May	23	1934	2385	
Sappa Creek	Beaver-Sappa Public	Cambridge....	South Sappa Canal.....	Irrig.....		18	1	22	Furnas.....	Dec.	14	1936	2671b*	
(See Beaver Cr.)	Power & Irrig. Dist.		North Sappa Canal.....	Irrig.....		18	1	22	Furnas.....	Dec.	14	1936	2671b*	
Sappa Creek	Beaver-Sappa Public	Cambridge....	Spring Green Lake	Storage...		19	1	22	Furnas.....	Dec.	14	1936	2672b*	
(See Beaver Cr.)	Power & Irrig. Dist.		Reservoir											
Sappa Creek.....	Caffrey, E. F.....	Omaha.....	Pump	Irrig.....	.76	22	2	20	Harlan.....	Aug.	1	1939	2945	
Sappa Creek.....	Lubeck, John C.....	Stamford.....	Pump	Irrig.....	.46	23	2	20	Harlan.....	Aug.	14	1939	2951	
Sappa Creek.....	Collins, Horace.....	Beaver City...	Pump	Irrig.....	.25	30	1	23	Furnas.....	Feb.	17	1940	3091	
Sappa Creek.....	Gerd, Albin, Estate....	Stamford.....	Pump	Irrig.....	.13	35	2	21	Furnas.....	Feb.	26	1940	3095	
Sappa Creek.....	Brown, Floyd T.....	Stamford.....	Pump	Irrig.....	.35	9	1	21	Furnas.....	Mar.	6	1940	3109	
Sappa Creek.....	Smith, Otto.....	Stamford.....	Pump	Irrig.....	.60	19	2	20	Harlan.....	May	4	1940	3148	
Sappa Creek.....	Burt, Maude T.....	Stamford.....	Pump	Irrig.....	1.22	34	2	21	Furnas.....	Sept.	21	1940	3271	
Sappa Creek.....	Blickenstaff, Bert D....	Stamford.....	Pump	Irrig.....	1.03	21	2	20	Harlan.....	Nov.	5	1940	3324	
Sappa Creek.....	Lane, Ross T., et al....	Alma.....	Pump	Irrig.....	.58	25	2	21	Furnas.....	Feb.	10	1942	3550	
Sappa Creek.....	McCarty, J. A.....	Beaver City...	Pump	Irrig.....	.28	10	1	22	Furnas.....	May	4	1942	3564	
Sappa Creek.....	Stevenson, Guy.....	Wilsonville...	Pump	Irrig.....	.06	36	1	24	Furnas.....	Dec.	23	1943	3667	
Sappa Creek.....	Dake, Clarence L.....	Orleans.....	Pump	Irrig.....	.85	24	2	20	Harlan.....	July	5	1944	3742	
Sappa Creek.....	Francis, Duane.....	Denver.....	Pump	Irrig.....	.55	35	2	21	Furnas.....	Aug.	23	1945	3852	
Sappa Creek.....	Cox, H. A.....	Beaver City...	Pump	Irrig.....	.16	12	1	22	Furnas.....	Sept.	11	1946	3957	
Sappa Creek.....	Flodine, Forrest.....	Stamford.....	Pump	Irrig.....	.23	7	1	21	Furnas.....	July	23	1948	4310	
Sappa Creek.....	Francis, Duane.....	Stamford.....	Pump No. 2.....	Irrig.....	.39	35	2	21	Furnas.....	Oct.	27	1948	4354	
Sappa Creek.....	Johnson, Geo. E.....	Stamford.....	Pump	Irrig.....	1.77	25	2	21	Furnas.....	Nov.	3	1948	4356	
Sappa Creek.....	Burt, Maud T.....	Stamford.....	Burt Canal No. 2.....	Irrig.....	.77	34	2	21	Furnas.....	Nov.	26	1948	4376	
Sappa Creek.....	Pape, Frank.....	Orleans.....	Pump	Irrig.....	1.41	29	2	19	Harlan.....	Feb.	17	1949	4436	
Sappa Creek.....	Skiles, Enos T.....	Wilsonville...	Pump	Irrig.....	1.08	30	1	23	Furnas.....	Dec.	12	1949	4550	
Sappa Creek.....	Tubridy, Forrest.....	Orleans.....	Pump	Irrig.....	.75	30	2	19	Harlan.....	July	8	1950	4721	
Sappa Creek,	Gerd, Clarence.....	Stamford.....	Gerd Reservoir	Storage...	†54	AF	34	2	21	Furnas.....	Feb.	29	1940	3099
Ravine, Trib. to														

†Reservoir capacity alleged by applicant.

*Application pending, or claim not adjudicated.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Sappa Creek, Ravine, Trib. to	Brown, Floyd T.....	Stamford.....	Brown Reservoir	Storage...	†46 AF	4	1	21	Furnas.....	Apr.	29	1941	3433
Sappa Creek, Ravine, Trib. to	Feese, Edna	Hastings.....	Feese Reservoir	Storage...	†17 AF	30	2	20	Harlan.....	Sept.	9	1941	3497
#Spring Creek...	Twin Lakes Company...	Benkelman...	Twin Lakes	Resort.....	†7 AF	34	2	38	Dundy.....	Apr.	16	1930	2133
#Spring Creek...	Sindt, Albert	Naponee.....	Spring Creek Canal.....	Irrig.....	.27	17	2	16	Franklin...	Jan.	14	1939	2906
#Spring Creek...	Brown, Harold	Orleans.....	Pump	Irrig.....	.45	15	3	20	Harlan.....	June	9	1943	3617
Spring Creek.....	Nissen, A. H. & W. J.	Oxford.....	Pump	Irrig.....	.40	21	3	20	Harlan.....	Aug.	9	1943	3630
Stinking Water Creek	Kilpatrick Brothers.....	Beatrice.....	Chase County Land and Live Stock Canal	Irrig.....	2.86	10	7	38	Chase.....	Mar.	10	1894	57
Stinking Water Creek	Crandall and Taylor.....	Imperial.....	McLain Canal	Irrig.....	2.50	28	7	37	Chase.....	Sept.	24	1894	65
Stinking Water Creek	Kilpatrick Brothers.....	Beatrice.....	Chase County Land and Live Stock Canal No. 6	Irrig.....	2.00	13	7	38	Chase.....	Jan.	28	1895	76
Stinking Water Creek	Kilpatrick Brothers.....	Beatrice.....	Chase County Land and Live Stock Canal No. 5	Irrig.....	1.50	14	7	38	Chase.....	Jan.	29	1895	77
Stinking Water Creek	Kilpatrick Brothers.....	Beatrice.....	Chase County Land and Live Stock Canal No. 3	Irrig.....	1.71	14	7	38	Chase.....	Jan.	29	1895	78
Stinking Water Creek	Kilpatrick Brothers.....	Beatrice.....	Chase County Land and Live Stock Canal No. 4	Irrig.....	.91	14	7	38	Chase.....	June	27	1895	56

Stinking Water Creek	Kilpatrick Brothers.....	Beatrice.....	Chase County Land and Live Stock Canal No. 1	Irrig.....	.70	4	7	38	Chase.....	June	27	1895	57
Stinking Water Creek	Malone, Gale	Palisade.....	Pump	Irrig.....	.95	15	5	34	Hayes.....	Oct.	5	1939	2981
Stinking Water Creek	Malone, Gale	Palisade.....	Pump	Irrig.....	.36	15	5	34	Hayes.....	Apr.	15	1940	3136
Stinking Water Creek	Scott and Anderson.....	Holdrege.....	Pump	Irrig.....	1.40	25	5	34	Hayes.....	Sept.	28	1943	3656
Stinking Water Creek	Ashmore, Ruth E., et al.	Lincoln.....	Pump	Irrig.....		25	5	34	Hayes.....	Mar.	8	1950	4615
Thompson Creek.	Ziegler, J. and O.....	Riverton.....	Pump	Irrig.....	.73	27	2	13	Franklin....	Jan.	16	1935	2505
Thompson Creek, East Branch	Tupper, W. J.....	Riverton.....	Pump	Irrig.....	.15	3	2	13	Franklin....	July	21	1947	4086
Thompson Creek, North Springs, Tributary to	Eshelman, C. F.....	Riverton.....	North Spring Canal....	Irrig.....	.09	10	2	13	Franklin....	July	27	1932	2278
Turkey Creek....	Leising, Carl	Oxford.....	Carpenter Canal	Irrig.....	.71	30	4	21	Furnas.....	Sept.	18	1926	1861
Turkey Creek....	Watson, John W. E., Estate	Oxford.....	Pump	Irrig.....	2.80	31	4	21	Furnas.....	Nov.	30	1926	1876
Turkey Creek....	Rhynalds, Claude	Oxford.....	Pump	Irrig.....	1.18	5	3	21	Furnas.....	May	30	1927	1934
Turkey Creek....	Wengert, J. H.....	Oxford.....	Pump	Irrig.....	.94	4	3	21	Furnas.....	July	9	1927	1938
Turkey Creek....	Blinow, Fred H.....	Oxford.....	Pump	Irrig.....	.92	3	3	21	Furnas.....	Sept.	23	1941	3510
#Turkey Creek	Wilt and Polly.....	Naponee.....	Wilt and Polly Canal....	Power.....		4	1	16	Franklin....	Dec.	31	1874	183*
Turkey Creek....	Post, Walter A.....	Naponee.....	Pump	Irrig.....	1.90	8	1	16	Franklin....	May	27	1927	1933
Turkey Creek....	Post, Walter A.....	Naponee.....	Pump	Irrig.....	.79	8	1	16	Franklin....	Aug.	21	1936	2621
Turkey Creek....	Post, Walter A.....	Naponee.....	Pump	Irrig.....	1.11	8	1	16	Franklin....	Aug.	21	1936	2622
Turkey Creek....	Sindt, Karl	Naponee.....	Pump No. 1.....	Irrig.....	.26	19	2	16	Franklin....	Dec.	20	1939	3063
Turkey Creek....	Ray, Staque	Naponee.....	Pump No. 1.....	Irrig.....	.33	4	1	16	Franklin....	July	25	1940	3216

†Reservoir capacity alleged by applicant.

*Claim not adjudicated.

#Spring Creek in Dundy, Franklin and Harlan Counties are separate streams.

#Turkey Creek in Furnas County and Turkey Creek in Franklin County are separate streams.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-B—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Turkey Creek....	Kinsey, Wayne	Naponee.....	Pump	Irrig.....	.13	20	2	16	Franklin...	Nov.	15	1948	4365
Turkey Creek....	Ray, Staque	Naponee.....	Pump	Irrig.....	.08	4	1	16	Franklin...	May	28	1949	4475
Valley Home Cr..	Miller and Anderson.....	Superior.....	Lunt Reservoir.....	Storage...	†100 AF	28	1	6	Nuckolls...	Nov.	19	1930	2176
Van Cleave Res..	Furnas County Commissioners	Beaver City...	Furnas County Commissioners Canal	Stor-only..		7	2	22	Furnas....	May	31	1945	3885
Vining Creek....	Betts, Mrs. N. O.....	Bloomington..	James Canal	Irrig.....	.21	28	2	15	Franklin...	Feb.	28	1935	2521
Vining Creek....	Betts, Mrs. N. O.....	Bloomington..	James Reservoir	Storage...	†22 AF	28	2	15	Franklin...	Sept.	28	1935	2559
Vining Creek....	Betts, Mrs. M. E.....	Franklin.....	James Reservoir	Storage...	†13 AF	28	2	15	Franklin...	June	25	1946	3920
Wasp Creek.....	Osterbuhr and Hadan...	Franklin.....	Osterbuhr Canal	Irrig.....	.18	28	2	14	Franklin...	June	28	1940	3192
Worthman Cr. Ravine, Trib. to	Sindt, Wm.	Riverton.....	Sindt Reservoir.....	Storage...	†115 AF	14	1	14	Franklin...	Oct.	30	1944	3780

†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-C

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Babcock Creek...	Likens, Louis D.....	Fairbury.....	Rural Rehabilitation Project No. 1	Irrig.....	.34	25	2	2E	Jefferson...	Aug.	18	1934		2466
Blue River, Lit...	Consumers P. P. Dist.	Columbus.....	Oak Mill Race.....	Power....		16	3	5	Nuckolls....				991*	
Blue River, Lit...	Game, Forestation and Parks Commission	Lincoln.....	Crystal Reservoir.....	Storage...	†32	AF	27	6	10	Adams.....	Aug.	17	1912	1219
Blue River, Lit...	Lyon, Geo., Jr.....	Nelson.....	Lyon Plant.....	Power....	150.00	29	4	6	Nuckolls....	Apr.	26	1915		1410
Blue River, Lit...	Lyon, Geo., Jr.....	Nelson.....	Lyon Plant.....	Irrig.....	4.00	18	4	6	Nuckolls....	Apr.	26	1915		1411
Blue River, Lit...	Consumers P. P. Dist.	Columbus.....	Meyer Plant.....	Power....	150.00	16	3	5	Nuckolls....	July	27	1916		1467
Blue River, Lit...	Bozarth and Carter...	Hebron.....	Hebron Plant.....	Power....	216.00	9	2	2	Thayer....	Mar.	31	1919		1538
Blue River, Lit...	Campbell, J. T.....	Hebron.....	Blue Valley Plant.....	Power....	200.00	3	2	1	Thayer....	May	28	1919		1542
Blue River, Lit...	Game, Forestation and Parks Commission	Lincoln.....	Larkins Canal.....	Power....	1.50	27	6	10	Adams.....	Nov.	29	1920		1594
Blue River, Lit...	Hurlburt, Chas. M., Est.	Fairbury.....	Hurlburt Canal.....	Irrig.....	.20	22	2	2E	Jefferson...	Aug.	7	1922		1865
Blue River, Lit...	Steele, R. B.....	Fairbury.....	Sand-Mining Project.....	Irrig.....	.22	2	2E	Jefferson...	Aug.	16	1926			1847*
Blue River, Lit...	Blocker, A. V.....	Roseland.....	Pump.....	Irrig.....	.08	9	5	11	Adams.....	Nov.	1	1926		1869
Blue River, Lit...	Vap, Alois.....	Ludell, Kan.....	Pump.....	Irrig.....	.81	31	5	7	Clay.....	Dec.	8	1928		1878
Blue River, Lit...	Gaudreault, I. S.....	Hastings.....	Pump.....	Irrig.....	.39	26	6	10	Adams.....	Feb.	22	1927		1903
Blue River, Lit...	Anderson, Felix G.....	Ayr.....	Pump.....	Irrig.....	1.01	28	6	10	Adams.....	Feb.	23	1927		1904
Blue River, Lit...	Hubbell, C. J.....	Fairfield.....	Logan Canal.....	Irrig.....	1.88	33	5	7	Clay.....	Mar.	7	1927		1907
Blue River, Lit...	Bexten, A. Louis.....	Pauline.....	Pumps.....	Irrig.....	1.60	25	6	10	Adams.....	Mar.	8	1927		1908
						31	6	9	Adams.....	Mar.	8	1927		1908
Blue River, Lit...	Hinrichs, Ernest J.....	Ayr.....	Pump.....	Irrig.....	.80	13	5	11	Adams.....	Mar.	8	1927		1909
Blue River, Lit...	City of Fairbury.....	Fairbury.....	Fairbury Plant.....	Mfg.....	16.70	15	2	2E	Jefferson...	Oct.	22	1927		1963
Blue River, Lit...	Bergt, Theodore.....	Davenport.....	Pump.....	Irrig.....	1.50	22	3	4	Thayer....	Apr.	17	1930		2134

*Claim not adjudicated, or application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-C—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Blue River, Lit.	Dutton, K. M. J., Est.	Oak Park, Ill.	Pumps	Irrig.	5.24	29	3	3	Thayer	Aug.	4	1930	2152	
	Schardt, Harry G.	Hebron			30	3	3	Thayer	Aug.	4	1930	2152		
Blue River, Lit.	Jones, E. H.	Fairbury	Pump	Irrig.	1.74	26	2	2E	Jefferson	Sept.	4	1930	2165	
Blue River, Lit.	Heinrich, Walter E. and Adolph	Davenport	Pump	Irrig.	2.23	20	3	4	Thayer	Feb.	24	1931	2193	
Blue River, Lit.	Nehrig, Henry H.	Davenport	Pump	Irrig.	5.00	26	3	4	Thayer	Mar.	10	1931	2194	
Blue River, Lit.	Sanford, Harry K.	Ayr	Pump	Irrig.	.28	4	5	10	Adams	Sept.	22	1931	2238	
Blue River, Lit.	Heller, H. H., Estate	Hastings	Pump	Irrig.	.46	27	6	10	Adams	Sept.	30	1931	2241	
Blue River, Lit.	Weyenberg, John T.	Hastings	Pumps	Irrig.	1.20	17	5	8	Clay	Oct.	8	1931	2243	
Blue River, Lit.	Zweifel, Albert, Estate	Fairbury	Pump	Irrig.	.25	9	2	2E	Jefferson	July	25	1932	2277	
Blue River, Lit.	Paus, Geo. H.	Fairfield	Pump	Irrig.	.22	16	5	8	Clay	May	15	1933	2321	
Blue River, Lit.	Peters, Cornelius R., Estate	Angus	Pump	Irrig.	.71	27	4	6	Nuckolls	May	31	1934	2389	
Blue River, Lit.	Scroggins, John L.	Oak	Pump	Irrig.	1.31	1	3	6	Nuckolls	June	2	1934	2394	
Blue River, Lit.	Davis, John H.	Fairfield	Pump	Irrig.	.66	15	5	8	Clay	June	5	1934	2399	
Blue River, Lit.	Stokebrand, Wm	De Witt	Pump	Irrig.	.84	5	2	1	Thayer	Aug.	1	1934	2451	
Blue River, Lit.	Johnston, Mrs. Hester	Oak	Pump	Irrig.	1.14	8	3	5	Nuckolls	Aug.	13	1934	2460	
Blue River, Lit.	Kasperek, I.	Fairbury	Pump	Irrig.	.54	6	1	3E	Jefferson	Nov.	3	1934	2491	
Blue River, Lit.	Rice, Clarence E.	Odell	Pump	Irrig.	.46	36	2	2E	Jefferson	Feb.	1	1935	2511	
Blue River, Lit.	Rice, C. E.	Odell	Pump	Irrig.	.54	24	3	1E	Jefferson	Feb.	20	1935	2517	
Blue River, Lit.	Lindgren and Bartlett	Edgar	Pumps	Irrig.	.21	19	4	6	Nuckolls	Aug.	7	1935	2553	
Blue River, Lit.	Corliss, Albert N.	Hebron	Pump	Irrig.	.93	9	2	2	Thayer	Jan.	25	1937	2682	
Blue River, Lit.	Rice, Flora E.	Deweese	Pump No. 1.	Irrig.	.04	32	5	7	Clay	Jan.	30	1937	2689	
Blue River, Lit.	Hill, James R.	Deweese	Pump	Irrig.	.33	32	5	7	Clay	Mar.	26	1937	2723	
Blue River, Lit.	Sherman, Klen R., et al.	Pauline	Pump No. 2.	Irrig.	.51	32	6	9	Adams	May	28	1937	2749	
Blue River, Lit.	McKenzie, F. W.	Hebron	Pump	Irrig.	.30	36	3	3	Thayer	Nov.	2	1937	2799	
Blue River, Lit.	Rice, Clarence E.	Odell	Powell Reservoir	Storage	†74	AF	24	3	1E	Jefferson	May	10	1940	3153
Blue River, Lit.	Goble, Jay	Ayr	Pump	Irrig.	.20	26	6	10	Adams	July	16	1940	3203	

Blue River, Lit.	Lehman, Clyde W.	Lincoln	Pump	Irrig.	.29	18	4	6	Nuckolls	Aug.	31	1940	3247
Blue River, Lit.	Cassell, Mrs. Guy B.	Steele City	Pump	Irrig.	.14	13	1	3E	Jefferson	Apr.	16	1941	3428
Blue River, Lit.	Scroggin, John L., et al	Oak	Pump	Irrig.	.40	15	3	5	Nuckolls	Oct.	22	1941	3522
Blue River, Lit.	Scroggin, John L., et al	Oak	Pump No. 2	Irrig.	2.14	7	3	5	Nuckolls	Oct.	27	1941	3524
Blue River, Lit.	Scroggin, John L., et al	Oak	Pump No. 3	Irrig.	2.51	17	3	5	Nuckolls	Sept.	1	1942	3585
Blue River, Lit.	Harrington, Ralph, Est.	Hastings	Pump	Irrig.	.15	4	5	10	Adams	Jan.	15	1944	3673
Blue River, Lit.	Hinrichs, George	Davenport	Pump	Irrig.	.26	3	4		Thayer	Aug.	8	1946	3943*
Blue River, Lit.	Mefford, Carl	Ayr	Pump	Irrig.	.28	30	6	9	Adams	Sept.	6	1946	3953
Blue River, Lit.	Gartrell, I. D.	Clay Center	Pump	Irrig.	.30	34	5	7	Clay	Sept.	21	1946	3966
Blue River, Lit.	Jones, A. C.	Nora	Pump	Irrig.	.59	12	4	7	Nuckolls	Jan.	29	1947	4028
Blue River, Lit.	Culligan, Thos. A.	Alexandria	Pump	Irrig.	.52	24	3	1	Thayer	Feb.	26	1948	4215
Blue River, Lit.	Lipovsky, Edw. J.	Fairfield	Pump	Irrig.	1.09	23	5	8	Clay	June	23	1948	4296
Blue River, Lit.	Lillich, Otto	Deshler	Pump	Irrig.	.22	30	3	4	Thayer	Apr.	18	1949	4465
Blue River, Lit.	Bednar, Alexander	Fairfield	Pump	Irrig.	.61	26	5	8	Clay	May	24	1949	4474
Blue River, Lit.	Kenner, J. R.	Hebron	Pump	Irrig.	.48	9	2	2	Thayer	Feb.	8	1950	4539
Blue River, Lit.	Anderson, Chester E.	Pauline	Pump	Irrig.	.65	11	5	9	Adams	Mar.	4	1950	4614
Blue River, Lit.	Hagemeyer, Donald	Pauline	Pump	Irrig.	.32	6	9		Adams	Mar.	15	1950	4619
Blue River, Lit.	Watts, Gordon	Edgar	Pump	Irrig.	.60	11	4	7	Nuckolls	Apr.	6	1950	4634
Blue River, Lit.	Bauder, Clarence	Hastings	Pump	Irrig.	.19	9	5	5	Adams	Apr.	8	1950	4637
Blue River Lit.	Strasburg, Godfrey G.	Ayr	Pump	Irrig.	.14	5	11		Adams	June	13	1950	4699
Blue River Lit.	Bauder, Clarence W.	Hastings	Pump	Irrig.	.27	9	5	9	Adams	Aug.	8	1950	4733
Blue River, Lit.	Thorne, W. S.	Bladen	Fairacre Reservoir	Storage	†56 AF	6	4	11	Webster	Nov.	15	1946	4005
Ravine, Trib. to													
Crystal Lake Reservoir	Game, Forestation and Parks Commission, et al	Lincoln	Crystal Canal	Irrig.		27	6	10	Adams	Aug.	17	1912	1526
Ground Water	Nisely, Jerome C.	Edgar	Nisely Well	Irrig.	21	5	5		Clay	May	19	1942	3569*
Ground Water	Thorne, W. S.	Bladen	Thorne Well	Irrig.	6	4	11		Webster	Nov.	15	1946	4006*
Ground Water	Thorne, W. S.	Bladen	Thorne Well No. 2	Irrig.	7	4	11		Webster	Nov.	15	1946	4007*
Ground Water	Spady, John	Hastings	Spady Well	Irrig.	15	5	10		Adams	Jan.	15	1947	4023*
Ground Water	Brinegar, W. H.	Carleton	Brinegar Well	Irrig.	18	4	3		Thayer	Sept.	17	1947	4116*
Ground Water	Scroggin, John L., et al	Oak	Scroggin Well No. 2	Irrig.	8	3	5		Nuckolls	Oct.	4	1947	4118*

†Reservoir capacity alleged by applicant.

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-C—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Ground Water...	Scroggin, B. F. Estate...	Oak.....	Scroggin Well No. 1....	Irrig.....	17	3	5	Nuckolls....	Oct.	4	1947		4119*
Ground Water...	Hull, Clay	Sedan.....	Hull Well.....	Irrig.....	8	4	5	Nuckolls....	Dec.	1	1947		4154*
Ground Water...	Phillipi, Wilhelm F.....	Bruning.....	Phillipi Well.....	Irrig.....	8	4	2	Thayer.....	Jan.	21	1948		4188*
Ground Water...	Miller, Wm. W.....	Davenport.....	Miller Well.....	Irrig.....	13	4	5	Nuckolls....	Feb.	6	1948		4204*
Ground Water...	Galbraith, C. J.....	Fairbury.....	Galbraith Well.....	Irrig.....	15	2	2E	Jefferson....	Feb.	25	1948		4213*
Ground Water...	Merrill, Bruce W.....	Edgar.....	Merrill Well.....	Irrig.....	11	4	6	Nuckolls....	May	5	1948		4259*
Ground Water...	Sykes, Arthur.....	Davenport.....	Sykes Well.....	Irrig.....	13	4	5	Nuckolls....	June	28	1948		4300*
Ground Water...	McClerry, Daniel K.....	Alma.....	McClerry Well.....	Irrig.....	9	5	9	Adams.....	Aug.	24	1948		4331*
Ground Water...	Springer, Howard M.....	Edgar.....	Springer Well.....	Irrig.....	23	4	6	Nuckolls....	Sept.	4	1948		4335*
Ground Water...	Lee, Wendell G.....	Edgar.....	Lee Well.....	Irrig.....	36	5	6	Clay.....	Sept.	7	1948		4344*
Ground Water...	Marble, Helen	Roseland.....	Marble Well.....	Irrig.....	30	6	11	Adams.....	Sept.	29	1948		4348*
Ground Water...	Lowery, Ray J.....	Davenport.....	Lowery Well.....	Irrig.....	2	3	5	Nuckolls....	Oct.	7	1948		4351*
Ground Water...	Lee, P. Logan.....	Edgar.....	Lee Well.....	Irrig.....	22	5	6	Clay.....	Nov.	29	1948		4380*
Ground Water...	Miller, Ivan G.....	Carleton.....	Miller Well.....	Irrig.....	10	4	3	Thayer.....	Nov.	30	1948		4388*
Ground Water...	Horner, M. W.....	Carleton.....	Horner Well.....	Irrig.....	7	4	3	Thayer.....	Dec.	6	1948		4396*
Ground Water...	Stofer, John, Jr.....	Carleton.....	Stofer Well.....	Irrig.....	17	4	3	Thayer.....	Dec.	30	1948		4409*
Ground Water...	Adcock, H. J.....	Davenport.....	Adcock Well.....	Irrig.....	7	4	4	Thayer.....	Jan.	3	1949		4412*
Ground Water...	Anderson, C. R.....	Hastings.....	Anderson Well.....	Irrig.....	33	7	10	Adams.....	Dec.	6	1949		4542*
Ground Water...	Plambeck, Wilfred.....	Juniata.....	Plambeck Well.....	Irrig.....	20	7	12	Adams.....	Dec.	28	1949		4558*
Ground Water...	Borchers, Harvin C.....	Hastings.....	Borchers Well.....	Irrig.....	25	8	10	Adams.....	Jan.	18	1950		4574*
Ground Water...	Neinheuser, Marvin and Melvin	Juniata.....	Neinheuser Well.....	Irrig.....	31	7	11	Adams.....	Jan.	19	1950		4575*
Ground Water...	Voight, H. L.....	Davenport.....	Voight Well.....	Irrig.....	5	3	4	Thayer.....	June	1	1950		4688*
Ground Water...	Bates, H. T.....	Carleton.....	Bates Well.....	Irrig.....	30	4	3	Thayer.....	July	13	1950		4723*
Liberty Creek....	Hayes, Arthur W.....	Deweese.....	Hubbell Pump.....	Irrig.....	.07	32	5	Clay.....	Jan.	30	1937		2690
Pawnee Creek....	Massie, D. B.....	Clay Center...	Massie Lake.....	Resort....	†65 AF	16	5	Clay.....	Mar.	10	1933		2307

Pawnee Creek....	Gerhard, D. W.....	Kansas City, Mo.	Pump	Irrig.....	.64 15	7 10	Adams.....	Aug.	30 1949	4508
Powell Reservoir.	Rice, Clarence E.....	Odell.....	Powell Canal.....	Stor-only.	25	3 1E	Jefferson...	May	10 1940	3154
Rose Creek	Wilson, Clyde	Fairbury.....	Pump	Irrig.....	1.01 3	1 2E	Jefferson...	July	14 1934	2425
Rose Creek	Rice, Clarence E.....	Odell.....	Pump No. 3.....	Irrig.....	1.00 7	1 3E	Jefferson...	May	10 1940	3152
Rose Creek	Lamb, Bryan G.....	Hubbell.....	Lamb Reservoir	Storage..	†8 AF	29 1 1	Thayer.....	May	15 1942	3568
Rose Creek	Lamb, Bryan G.....	Hubbell.....	Pump	Irrig.....	.26 29	1 1	Thayer.....	Aug.	18 1944	3754
Rose Creek	Lamb, Bryan G.....	Hubbell.....	Pump No. 2.....	Irrig.....	.15 16	1 1	Thayer.....	Aug.	18 1944	3755
Rose Creek	Conklin, J. E.....	Hubbell.....	Pump	Irrig.....	.20 16	1 1	Thayer.....	Mar.	5 1947	4043
Rose Creek	Lamb, Bryan G.....	Hubbell.....	Pump No. 3.....	Irrig.....	.23 29	1 1	Thayer.....	Aug.	25 1947	4101
Sandy Cr., Big...	Brinegar, M. A.....	Alexandria.....	Pump	Irrig.....	.43 6	3 1	Thayer.....	Apr.	11 1935	2537
Sandy Cr., Big...	Joe, Frank	Alexandria.....	Pump	Irrig.....	.18 12	3 1	Thayer.....	Oct.	29 1945	3857
Sandy Cr., Big Springs, Trib. to	Game, Forestation and Parks Commission	Lincoln.....	Jefferson County Recreation Grounds	Resort...	†300 AF	16 3 1E	Jefferson...	June	14 1940	3179
Springs, Big Sandy Creek	Game, Forestation and Parks Commission	Lincoln.....	Alexandria Reservoir ...	Storage...	†71 AF	17 3 1E	Jefferson...	Aug.	29 1950	4742
Spring Branch ...	Brown, Vinton F., et al.	Hubbell.....	Pumps	Irrig.....	.33 16	1 1	Thayer.....	Oct.	14 1938	2892
					17	1 1	Thayer.....	Oct.	14 1938	2892
Spring Creek.....	Alexandria, Roy	Deshler.....	Pump	Irrig.....	.51 17	2 3	Thayer.....	Apr.	9 1941	3426
Spring Creek.....	Alexandria, A. Geo.....	Deshler.....	Pumps	Irrig.....	1.14 17	2 3	Thayer.....	Oct.	20 1947	4130

*Application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-D

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Anderson Res...	Anderson, Geo. F.....	Stromsburg...	Anderson Canal.....	Supp. 1...	A-2862	34	14	2	Polk.....	Jan.	18	1946		3867
Bear Creek.....	Mangus, Jerry T.....	Beatrice.....	Pump.....	Irrig.....	.50	24	4	6E	Gage.....	Jan.	24	1927		1887
Bear Creek.....	State Board of Control	Lincoln.....	Pumps.....	Irrig.....	.95	36	4	6E	Gage.....	Apr.	22	1928		2010
Beaver Creek.....	Wright, G. D.....	York.....	Wright Mill.....	Power.....	40.00	7	10	2	York.....	Nov.	1	1878	963	
Beaver Creek.....	Gould, W. E.....	York.....	Pumps.....	Irrig.....	.18	1	10	3	York.....	Sept.	19	1939		2965
									York.....	Sept.	19	1939		2965
Beaver Creek.....	Kirkpatrick, W. L.....	York.....	Pump.....	Irrig.....	.34	8	10	2	York.....	Dec.	6	1939		3036
Beaver Creek.....	Axtell, J. Earl.....	York.....	Pump.....	Irrig.....	.54	9	10	3	York.....	Sept.	8	1941		3495
Beaver Creek.....	Burnham, Sumner W.....	York.....	Pump.....	Irrig.....	.19	7	10	2	York.....	May	18	1948		4268
Beaver Creek.....	Hillmer, Chris.....	York.....	Pump.....	Irrig.....	.22	14	10	2	York.....	Sept.	8	1948		4337
Beaver Creek.....	Oswald, Albert.....	Aurora.....	Beaver Creek Reservoir	Storage...	†3 AF	28	10	7	Hamilton...	Nov.	18	1949		4532
Blue River, Big..	Black Brothers Flour Mills	Beatrice.....	Black Brothers Plant (Beatrice)	Power.....	300.00	33	4	6E	Gage.....	Jan.	11	1860	1048	
Blue River, Big..	Consumers P. P. Dist...	Columbus.....	Milford Mills.....	Power.....	300.00	2	9	3E	Seward.....			1866	1044	
Blue River, Big..	Consumers P. P. Dist...	Columbus.....	Blue Springs Plant.....	Power.....	450.00	17	2	7E	Gage.....			1868	1047	
Blue River, Big..	Consumers P. P. Dist...	Columbus.....	Blue Springs Plant.....	Dredge.....	D-1047	17	2	7E	Gage.....	Nov.	7	1922		1692
Blue River, Big..	Consumers P. P. Dist...	Columbus.....	Blue Springs Plant.....	Dredge.....	D-1047	17	2	7E	Gage.....	Dec.	15	1922		1698
Blue River, Big..	Zwonecheck and Aksamit	Wilber.....	De Witt Mill.....	Power.....	200.00	19	5	5E	Gage.....	Jan.	1	1875	1046	
				Rs. Dam.		19	5	5E	Gage.....	Jan.	1	1903	1046	
Blue River, Big..	Consumers P. P. Dist...	Columbus.....	Holmesville Plant.....	Power.....	500.00	29	3	7E	Gage.....	Apr.		1882	1021	
Blue River, Big..	Consumers P. P. Dist...	Columbus.....	Holmesville Plant.....	Rs. Dam.	D-1021	29	3	7E	Gage.....	May	3	1911		1095
Blue River, Big..	Consumers P. P. Dist...	Columbus.....	Plant No. 1.....	Power.....	200.00	19	9	4E	Seward.....	July	8	1910		1006
Blue River, Big..	Jacobs, E.....	Staplehurst...	Jacobs Plant.....	Power.....	40.00	26	12	2E	Seward.....	Nov.	13	1911		1135
Blue River, Big..	Norris Rural P. P. Dist.	Lincoln.....	Barneston Plant.....	Power.....	500.00	13	1	7E	Gage.....	Feb.	18	1913		1262
Blue River, Big..	Norris Rural P. P. Dist.	Lincoln.....	Barneston Plant.....	Res. Dam.	A-1262	13	1	7E	Gage.....	May	27	1920		1585

Blue River, Big.	Norris Rural P. P. Dist.	Lincoln	Barneston Plant.	Dredge	A-1262	13	1	7E	Gage	Dec.	17	1925	1788
Blue River, Big.	Mares, Frank	Wilber	Mares Canal	Irrig.	2.28	2	6	4E	Saline	Aug.	12	1913	1314
Blue River, Big.	C. B. & Q. R. R. Co.	Lincoln	C. B. & Q. Pipe Line.	Domestic	.50	2	9	3E	Seward	Apr.	30	1914	1366
Blue River, Big.	C. B. & Q. R. R. Co.	Lincoln	Wymore Pipe Line	Domestic	.50	21	2	7E	Gage	Dec.	24	1914	1394
Blue River, Big.	C. B. & Q. R. R. Co.	Lincoln	Seward Pipe Line	Domestic	.50	21	11	3E	Seward	Dec.	24	1914	1395
Blue River, Big.	Consumers P. P. Dist.	Columbus	Plant No. 4	Power	100.00	32	9	4E	Seward	Aug.	14	1916	1463
Blue River, Big.	Consumers P. P. Dist.	Columbus	Shestak Plant	Power	200.00	35	7	4E	Saline	Feb.	6	1918	1506
Blue River, Big.	Consumers P. P. Dist.	Columbus	Shestak Plant	Dredge	A-1506	35	7	4E	Saline	Mar.	30	1925	1761
Blue River, Big.	Consumers P. P. Dist.	Columbus	Plant No. 3	Power	400.00	2	3	6E	Gage	Oct.	7	1922	1690
Blue River, Big.	Johnson, Chas. S. F.	Stromsburg	Pump	Irrig.	1.29	8	13	2	Polk	Mar.	26	1930	2130
Blue River, Big.	Sonderegger Nurseries and Seed House	Beatrice	Pump	Irrig.	.43	3	3	6E	Gage	Aug.	29	1930	2164
Blue River, Big.	Blevins, Mrs. Geo. E.	Shelby	Pump	Irrig.	.57	2	13	1	Polk	May	19	1934	2384
Blue River, Big.	Cekal, Edward J.	Beatrice	Pump	Irrig.	.41	24	3	6E	Gage	July	24	1934	2438
Blue River, Big.	Gruntorad, Louis	Seward	Pump	Irrig.	.64	20	11	3E	Seward	July	24	1934	2440
Blue River, Big.	Quackenbush, A. E.	Beatrice	Pump	Irrig.	.07	3	3	6E	Gage	July	25	1934	2441
Blue River, Big.	Olson, Paul A.	Milford	Pump	Irrig.	.64	22	10	3E	Seward	Aug.	1	1934	2453
Blue River, Big.	Brinkmeyer, Louis C.	Seward	Pump	Irrig.	.58	28	11	3E	Seward	Sept.	5	1934	2470
Blue River, Big.	Jorgenson, L.	Carmel, Calif.	Pump No. 1	Irrig.	1.59	20	13	2E	Butler	Sept.	11	1934	2473
Blue River, Big.	Jorgenson, L.	Carmel, Calif.	Pump No. 2	Irrig.	.74	24	13	1E	Butler	Sept.	26	1934	2479
Blue River, Big.	Karpisek, Frank P.	Ulysses	Pump	Irrig.	.61	20	13	2E	Butler	Nov.	20	1934	2495
Blue River, Big.	Weston, Margaret	Beatrice	Pump	Irrig.	1.39	11	4	5E	Gage	Apr.	18	1935	2540
Blue River, Big.	Stokebrand, Edwin	DeWitt	Pump	Irrig.	.22	20	5	5E	Gage	Oct.	18	1935	2563
Blue River, Big.	Sonderegger Nurseries and Seed House	Beatrice	Pump	Irrig.	.50	3	3	6E	Gage	Oct.	25	1935	2565
Blue River, Big.	Miller, A. W.	Pickrell	Pump	Irrig.	.15	2	4	5E	Gage	July	29	1936	2601
Blue River, Big.	Morrill, Arthur D., et al	Stromsburg	Pumps	Irrig.	.42	13	13	3	Polk	Aug.	28	1936	2629
						7	13	2	Polk	Aug.	28	1936	2629
Blue River, Big.	Mares, Ed. J., et al.	Wilber	Pump	Irrig.	.05	14	6	4E	Saline	Sept.	9	1936	2636
Blue River, Big.	Sheppard, Daisy E.	Shelby	Pump	Irrig.	.93	7	13	1E	Butler	Nov.	19	1936	2662
Blue River, Big.	Hronik, James	Wilber	Pump	Irrig.	.70	35	7	4E	Saline	Dec.	26	1936	2677
Blue River, Big.	Buck, C. W. Mrs.	De Witt	Pump	Irrig.	.49	13	5	4E	Saline	Mar.	27	1937	2725

Supp. I. Denotes storage water in addition to direct flow.
 †Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-D—Continued

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Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Blue River, Big.	Rathburn, Henry L.	DeWitt.	Pump	Irrig.	1.00	18	5	5E	Gage	Apr.	28	1937	2737
Blue River, Big.	Birky, L. W.	Milford	Pump	Irrig.	.34	15	10	3E	Seward	July	7	1937	2759
Blue River, Big.	Ficken, Marie	Seward	Pump No. 2	Irrig.	.53	20	11	3E	Seward	July	27	1937	2766
Blue River, Big.	Kruse, Henry H.	Seward	Pump	Irrig.	.65	20	11	3E	Seward	Aug.	24	1937	2776
Blue River, Big.	Novak, Emma B.	Crete	Pump	Irrig.	.33	10	7	4E	Saline	Sept.	16	1937	2788
Blue River, Big.	Gruntorad, Louis E.	Seward	Pump	Irrig.	.97	18	11	3E	Seward	Dec.	20	1937	2816
Blue River, Big.	Dunker, J. H. C. Estate	David City	Pump	Irrig.	.07	14	13	1E	Butler	Jan.	6	1938	2822
Blue River, Big.	Anderson, George F.	Stromsburg	Pump	Irrig.	.99	3	13	2	Polk	Apr.	18	1938	2862
Blue River, Big.	Heumann, Henry	Seward	Pump	Irrig.	.14	34	11	3E	Seward	June	9	1939	2928
Blue River, Big.	Sonderegger Nurseries and Seed House	Beatrice	Pump	Irrig.	.20	3	3	6E	Gage	June	23	1939	2932
Blue River, Big.	Davis, D. D.	David City	Pump	Irrig.	.21	15	13	1E	Butler	Aug.	18	1939	2953
Blue River, Big.	Dunn, Mrs. Alice	DeWitt.	Pump	Irrig.	.58	12	5	4E	Saline	Sept.	11	1939	2962
Blue River, Big.	Tichy, Robert, Sr.	Wilber	Pump No. 2	Irrig.	.26	14	6	4E	Saline	Sept.	23	1939	2971
Blue River, Big.	Tichy, Robert, Sr.	Wilber	Pump No. 1	Irrig.	.38	35	6	4E	Saline	Sept.	23	1939	2972
Blue River, Big.	Reynolds, Charles	Milford	Pump	Irrig.	1.34	10	10	3E	Seward	Oct.	18	1939	2992
Blue River, Big.	Ramsey, Roland, et al.	Seward	Pump	Irrig.	.68	28	11	3E	Seward	Oct.	26	1939	2999
Blue River, Big.	Keller, William	Crete	Pump	Irrig.	.24	4	8	4E	Saline	Nov.	7	1939	3011
Blue River, Big.	Cooper, R. Matilda	Milford	Pump	Irrig.	.34	13	9	3E	Seward	Nov.	9	1939	3014
Blue River, Big.	Anderson and Atherton	Beatrice	Pump	Irrig.	.09	7	3	7E	Gage	Apr.	24	1940	3142
Blue River, Big.	Kracke, Ben	Clatonia	Pump	Irrig.	.63	20	5	5E	Gage	June	24	1940	3188
Blue River, Big.	Quackenbus, Wm.	DeWitt.	Pump	Irrig.	.76	33	5	5E	Gage	July	22	1940	3206
Blue River, Big.	Buss, G. J.	Beatrice	Pump	Irrig.	.24	18	4	6E	Gage	July	22	1940	3207
Blue River, Big.	Dunn, Russell H.	DeWitt.	Pump	Irrig.	.64	12	5	4E	Saline	July	24	1940	3214
Blue River, Big.	Mayland, Mrs. Chas. H.	Staplehurst	Pump No. 1	Irrig.	.47	26	12	2E	Seward	July	30	1940	3222
Blue River, Big.	Janecek, Mrs. Josephine	Wilber	Pump	Irrig.	.68	10	6	4E	Saline	Aug.	6	1940	3225
Blue River, Big.	Sack, Jacob	Crete	Pump	Irrig.	1.13	9	8	4E	Saline	Aug.	13	1940	3230
Blue River, Big.	Weber, Don	Beatrice	Pump	Irrig.	.29	13	4	5E	Gage	Aug.	26	1940	3241

REPORT OF THE STATE ENGINEER

Blue River, Big.	Weber, Don	Beatrice	Pump	Irrig.	.62	12	4	5E	Gage	Aug.	26	1940	3241 R
Blue River, Big.	Roehrkaese, Wm., Est.	Seward	Pump	Irrig.	.32	28	11	3E	Seward	Aug.	29	1940	3245
Blue River, Big.	Coffin, Pearle	Shelby	Coffin Reservoir	Storage	†8 AF	3	13	1	Polk	Sept.	3	1940	3251
Blue River, Big.	Anderson, George F.	Stromsburg	Anderson Reservoir	Storage	†13 AF	34	14	2	Polk	Jan.	9	1941	3365
(See A-3866)													
Blue River, Big.	Village of Surprise	Surprise	Surprise Reservoir	Storage		15	13	1	Butler	Oct.	13	1941	3519*
Blue River, Big.	Boswell and Calvert	Lincoln	Pump	Irrig.	.73	35	10	3E	Seward	Oct.	27	1942	3589
Blue River, Big.	Reimer, William	Beatrice	Pump	Irrig.	.16	19	4	6E	Gage	May	10	1943	3612
Blue River, Big.	Rice, C. E.	Odell	Pump	Irrig.	.70	12	1	7E	Gage	July	24	1943	3626
Blue River, Big.	Anderson, George F.	Stromsburg	Anderson Reservoir	Storage	†44.4 AF	34	14	2	Polk	Jan.	18	1946	3866
(See A-3365)													
Blue River, Big.	Chaloupka, Leonard	Wilber	Pump	Irrig.	.89	10	6	4E	Saline	June	20	1946	3919
Blue River, Big.	Sedlak, Joseph	Shelby	Pump	Irrig.	.22	34	14	1	Polk	Feb.	21	1947	4041
Blue River, Big.	Strong, M. D.	Stromsburg	Pump	Irrig.	.71	3	13	2	Polk	Aug.	11	1947	4093
Blue River, Big.	Strong, M. D.	Stromsburg	Strong Reservoir	Storage	†10 AF	3	13	2	Polk	Aug.	11	1947	4094
Blue River, Big.	Grasmick, John, Jr.	Lincoln	Pump	Irrig.	2.00	26	10	3E	Seward	Oct.	7	1947	4121
Blue River, Big.	Olson, Paul A.	Milford	Pump	Irrig.	.18	22	10	3E	Seward	Nov.	19	1947	4152
Blue River, Big.	Allington, F. D.	Blue Springs	Pump	Irrig.	.50	26	1	7E	Gage	Jan.	30	1948	4193
Blue River, Big.	Mains, Mark H.	Beatrice	Pump	Irrig.	.09	27	3	7E	Gage	Feb.	4	1948	4200
Blue River, Big.	Wehrs, Edward	Milford	Pump	Irrig.	.32	26	10	3E	Seward	June	8	1948	4283
Blue River, Big.	Aegerter, Mervin F.	Seward	Pump	Irrig.	.65	8	11	3E	Seward	July	30	1948	4316
Blue River, Big.	Quackenbush, Wm. P.	DeWitt	Pump	Irrig.	1.16	33	5	5E	Gage	Nov.	23	1948	4371
Blue River, Big.	Siems, Virgil	Beatrice	Pump	Irrig.	.19	29	3	7E	Gage	Jan.	4	1949	4416
Blue River, Big.	Herman, Stephen W.	Wilber	Pump	Irrig.	.48	35	7	4E	Saline	Aug.	31	1949	4509
Blue River, Big.	Brodie, James L.	Crete	Pump	Irrig.	.06	5	8	4E	Saline	Feb.	8	1950	4588
Blue River, Big.	Chab, Alfred and R. H.	Wilber	Pump	Irrig.	.97	16	6	4E	Saline	Mar.	13	1950	4617
Blue River, Big.	Plouzek, Wm.	Dorchester	Pump	Irrig.	1.59	11	8	3E	Saline	Mar.	23	1950	4624
Blue River, Big.	Patak, Anton	Seward	Pump	Irrig.	.24	7	11	3E	Seward	Mar.	30	1950	4630
Blue River, Big.	Grasmick, John, Jr.	Lincoln	Pump	Irrig.	.88	35	10	3E	Seward	Apr.	28	1950	4657
Blue River, Big.	Aegerter, Mervin F.	Seward	Pump	Irrig.		17	11	3E	Seward	May	16	1950	4675
Blue River, Big.	Abrahams, John F.	Beatrice	Pump	Irrig.	.20	10	3	6E	Gage	Apr.	3	1931	2196
Tributary to													

"R" Denotes relocation.

†Reservoir capacity alleged by applicant.

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-D—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Blue River, Big, Ravine, Trib. to	Siedhoff, Henry C.	Crete	Siedhoff Reservoir	Storage	†46 AF	30	8	4E	Saline	Nov.	12	1948		4363
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 2	Power	100.00	32	8	3E	Seward	Jan.	3	1912		1153
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 2	Rs. Dam	A-1153	32	9	3E	Seward	Aug.	21	1918		1520
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 3	Power	100.00	5	8	4E	Saline	Mar.	13	1913		1265
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 3	Rs. Dam	A-1265	5	8	4E	Saline	Aug.	21	1918		1521
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 3	Rs. Dam	A-1265	5	8	4E	Saline	Dec.	28	1920		1599
Blue R., Big, W.F. & School Creek	Garbe, Mrs. Albert	Grafton	Blue Park Dam	Power	66.00	1	8	4	Fillmore	Aug.	4	1917		1484
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Bow Span Plant	Power	100.00	26	9	2E	Seward	Dec.	17	1920		1595
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Big Bend Plant	Power	100.00	11	8	3E	Saline	Dec.	17	1920		1596
Blue R., Big, W.F.	Nelson, Louie E.	Inland	Pump	Irrig.	.48	27	8	8	Clay	Feb.	11	1927		1899
Blue R., Big, W.F.	Warren, Herbert F.	Trumbull	Pump	Irrig.	.16	13	8	9	Adams	Nov.	26	1927		1971
Blue R., Big, W.F.	Lord, R. F.	McCool Jet.	Pump	Irrig.	.42	18	9	2	York	Oct.	19	1928		2048
Blue R., Big, W.F.	Korgan, Herman	Hastings	Pump	Irrig.	1.90	4	7	9	Adams	Apr.	4	1929		2076
Blue R., Big, W.F.	Muirhead, Wm. C.	Bradshaw	Muirhead Canal	Irrig.	.93	30	9	5	Hamilton	Sept.	13	1929		2103
Blue R., Big, W.F.	Lord, R. F.	McCool Jet.	Pump	Irrig.	.82	18	9	2	York	Mar.	16	1934		2368
Blue R., Big, W.F.	Schmidt, Otto	Fairmont	Pump	Irrig.	.43	3	8	3	Fillmore	July	14	1934		2426
Blue R., Big, W.F.	Casteel, Lonie E.	Crete	Pump	Irrig.	1.43	5	8	4E	Saline	July	18	1934		2429
Blue R., Big, W.F.	Nave, C. D.	Crete	Pump	Irrig.	.39	5	8	4E	Saline	July	18	1934		2430
Blue R., Big, W.F.	Johnson, Arthur F.	Dorchester	Pump	Irrig.	.37	32	9	3E	Seward	July	23	1934		2435
Blue R., Big, W.F.	Mohlman, James A.	Hastings	Pump	Irrig.	.56	25	8	9	Adams	Aug.	9	1934		2458
Blue R., Big, W.F.	Rehor, Clara W.	Beaver Crossing	Pump	Irrig.	.41	3	9	1E	Seward	Apr.	30	1935		2543
Blue R., Big, W.F.	Steffegen, Mrs. Marie	Grafton	Pump	Irrig.	.08	8	8	3	Fillmore	June	15	1936		2581
Blue R., Big, W.F.	Morford, J. C.	Beaver Crossing	Pump	Irrig.	.29	18	9	2E	Seward	July	21	1936		2593
Blue R., Big, W.F.	Gilmore, Oden S.	York	Pump	Irrig.	.43	7	9	1	York	July	27	1936		2600

Blue R., Big, W.F.	Kaliff, R. L.	York	Pumps	Irrig.	1.10	25	9	3	York	Aug.	15	1936	2614
									York	Aug.	15	1936	2614
Blue R., Big, W.F.	Semler, Emil F.	Seward	Pump	Irrig.	.25	32	9	3E	Seward	Aug.	27	1936	2626
Blue R., Big, W.F.	Franz, George G.	Salem, Ore.	Pump	Irrig.	.12	19	9	4	York	Oct.	24	1936	2649
Blue R., Big, W.F.	Sandy, Dorothy E.	Baxter, Iowa	Pump	Irrig.	.11	15	9	2	York	Nov.	2	1936	2650
Blue R., Big, W.F.	Ittner, Edna	York	Pump	Irrig.	.71	19	9	2	York	Feb.	6	1937	2695
Blue R., Big, W.F.	Miller, Clifford E.	Omaha	Pump	Irrig.	.97	27	9	4	York	Apr.	17	1937	2732
Blue R., Big, W.F.	Miller, Sam	Dorchester	Pump	Irrig.	.35	3	8	3E	Saline	July	6	1937	2758
Blue R., Big, W.F.	Gard, Alvin J.	Beaver	Pump	Irrig.	.86	1	9	1	York	Aug.	19	1937	2775
		Crossing											
Blue R., Big, W.F.	Deremer, Wm. G.	Beaver	Pump	Irrig.	.37	31	10	1E	Seward	Sept.	10	1937	2783
		Crossing											
Blue R., Big, W.F.	Simmons, Robert G.	Lincoln	Pump	Irrig.	.31	16	9	2E	Seward	Sept.	11	1937	2784
Blue R., Big, W.F.	Bailer, Albert L.	York	Pump	Irrig.	1.04	7	9	1	York	Nov.	1	1938	2894
Blue R., Big, W.F.	Sack, Dean	York	Miller Plant	Power	28.00	10	9	2	York	Aug.	31	1939	2955
Blue R., Big, W.F.	Lamphere, Wallace W.	Lincoln	Pump	Irrig.	.99	9	9	1	York	Nov.	1	1939	3005
Blue R., Big, W.F.	Buller, Cornelius P.	Fairmont	Pump	Irrig.	.20	36	9	4	York	Nov.	14	1939	3017
Blue R., Big, W.F.	Broehl, C. A.	Grafton	Pump	Irrig.	.29	35	9	4	York	Dec.	23	1939	3066
Blue R., Big, W.F.	Novak, Joe H.	Fairmont	Pump	Irrig.	.24	2	8	3	Fillmore	Jan.	24	1940	3085
Blue R., Big, W.F.	Bors and McGowan	McCool Jct.	Pump	Irrig.	.84	36	9	3	York	Apr.	12	1940	3133
Blue R., Big, W.F.	Phelps, Guy J.	Exeter	Pump	Irrig.	.44	9	9	1	York	May	14	1940	3159
Blue R., Big, W.F.	Steenburg, Donald B.	Aurora	Pump	Irrig.	.18	26	9	5	Hamilton	July	5	1940	3194
Blue R., Big, W.F.	Kubicek, Ralph	Waco	Pump	Irrig.	.37	2	9	1	York	July	15	1940	3199
Blue R., Big, W.F.	Madison, M.	Seward	Pump	Irrig.	.31	17	9	2E	Seward	Aug.	7	1940	3226
Blue R., Big, W.F.	Cast, Robert	Beaver	Pump	Irrig.	.38	17	9	2E	Seward	Aug.	23	1940	3238
		Crossing											
Blue R., Big, W.F.	Farney and Work	Aurora	Pump	Irrig.	.10	33	9	6	Hamilton	Aug.	27	1940	3242
Blue R., Big, W.F.	Bors, Victor E.	McCool Jct.	Pump	Irrig.	.23	36	9	3	York	Sept.	4	1940	3254
Blue R., Big, W.F.	Simmons, Robert G.	Lincoln	Pump No. 2	Irrig.	.27	16	9	2E	Seward	Sept.	24	1940	3273
Blue R., Big, W.F.	Janda, Gust	McCool Jct.	Pump	Irrig.	.15	35	9	3	York	Sept.	28	1940	3277
Blue R., Big, W.F.	O'Connor, P. J., et al.	Fairmont	Pump	Irrig.	.10	8	8	3	Fillmore	Oct.	19	1940	3300
Blue R., Big, W.F.	Lauber, Herbert E.	Geneva	Pump	Irrig.	.66	9	8	3	Fillmore	Apr.	21	1941	3432

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-D—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Blue R., Big, W.F.	Cast, Robert	Beaver Crossing	Pump	Irrig.	.39	17	9	2E	Seward	Apr.	30	1941	3436
Blue R., Big, W.F.	Gocke, H. F.	Waco	Pump	Irrig.	.59	3	9	1	York	Aug.	9	1941	3484
Blue R., Big, W.F.	Cranston, Harlan	Stockham	Pump	Irrig.	.21	25	9	6	Hamilton	Dec.	4	1942	3590
Blue R., Big, W.F.	Lauber, Herbert E.	Geneva	Pump	Irrig.	.92	9	8	3	Fillmore	May	1	1943	3610
Blue R., Big, W.F.	Miller, Sam.	Dorchester	Pump	Irrig.	.39	3	8	3E	Saline	Aug.	3	1943	3628
Blue R., Big, W.F.	Bors, Joe, Jr.	McCool Jct.	Pump	Irrig.	.09	36	9	3	York	Apr.	19	1944	3715
Blue R., Big, W.F.	Deremer, Wm. G.	Beaver Crossing	Pump	Irrig.	.06	31	10	1E	Seward	Aug.	9	1944	3749
Blue R., Big, W.F.	Softley, Ernest	Fairmont	Pump	Irrig.	.41	8	8	3	Fillmore	Mar.	21	1945	3816
Blue R., Big, W.F.	Harvey, Harry E.	Lincoln	Pump	Irrig.	.96	22	9	2E	Seward	May	15	1945	3833
Blue R., Big, W.F.	Laukota, James	Friend	Pump	Irrig.	.21	35	9	4	York	July	23	1945	3847
Blue R., Big, W.F.	Clark, W. C., Estate	Dorchester	Pump	Irrig.	.35	3	8	3E	Saline	Apr.	17	1946	3893
Blue R., Big, W.F.	Borchers, Henry, et al.	Henderson	Pump	Irrig.	.49	25	9	5	Hamilton	Aug.	7	1946	3942
Blue R., Big, W.F.	Komarek, J. G.	Hastings	Pump	Irrig.	.66	27	9	5	Hamilton	Nov.	14	1947	4146
Blue R., Big, W.F.	Hanthorn, Lindell L.	Lushton	Pump	Irrig.	.44	28	9	4	York	Nov.	24	1947	4153
Blue R., Big, W.F.	Labort, Otis	Lushton	Pump	Irrig.	.36	28	9	4	York	Apr.	30	1948	4252
Blue R., Big, W.F.	Burkey, William	Milford	Pump	Irrig.	.34	25	9	2E	Seward	May	11	1948	4263
Blue R., Big, W.F.	Dixon, Lloyd	Fairmont	Pump	Irrig.	1.26	6	8	3	Fillmore	June	1	1948	4275
Blue R., Big, W.F.	Peterson, Emil	Waco	Pump	Irrig.	.53	3	9	1	York	June	16	1948	4289
Blue R., Big, W.F.	Miller, Sam.	Dorchester	Pump	Irrig.	1.19	29	9	2E	Seward	Nov.	24	1948	4373
Blue R., Big, W.F.	Salmen, Ray	Lushton	Pump	Irrig.	.59	20	9	4	York	Nov.	29	1948	4379
Blue R., Big, W.F.	Beckman, Walter J.	Lincoln	Pump	Irrig.	.61	3	8	3	Fillmore	Dec.	30	1948	4410
Blue R., Big, W.F.	Griess, John O.	Stockham	Pump	Irrig.	.54	27	9	5	Hamilton	Mar.	15	1949	4451
Blue R., Big, W.F.	Cast, Marvin	Beaver Crossing	Pump	Irrig.	.52	3	9	1E	Seward	Mar.	16	1949	4452
Blue R., Big, W.F.	Williams, L. W.	McCool Jct.	Pump	Irrig.	.73	8	9	2	York	Mar.	28	1949	4457
Blue R., Big, W.F.	Schultz, Herman E.	York	Pump	Irrig.	.41	30	9	2	York	July	6	1949	4484

Blue R., Big, W.F.	Bailey, Claude	York	Pump	Irrig.	.47	10	9	2	York	July	25	1949	4491
Blue R., Big, W.F.	Chaney and Kruetz	Harvard	Pump	Irrig.	1.00	8	8	7	Clay	Jan.	23	1950	4577
Blue R., Big, W.F.	Barnett, Ralph	Trumbull	Pump	Irrig.	1.16	18	8	8	Clay	Apr.	5	1950	4633
						19	8	8	Clay	Apr.	5	1950	4633
Blue R., Big, W.F.	Pinneo, Joe	York	Pump	Irrig.	.39	9	9	2	York	Apr.	10	1950	4638
Blue R., Big, W.F.	Cranston, Lawrence M.	Stockham	Pump	Irrig.		25	9	6	Hamilton	Apr.	13	1950	4641
Blue R., Big, W.F.	Chaffee, Jesse	Stockham	Pump	Irrig.	.22	34	9	6	Hamilton	May	2	1950	4664
Blue R., Big, W.F.	Griess, Oscar J.	Lushton	Pump	Irrig.	.91	29	9	4	York	June	10	1950	4694
Blue R., Big, W.F.	Schaare, Hertha	Crete	Pump	Irrig.	.16	10	8	3E	Saline	Sept.	25	1939	2975
Trib. to													
Blue R., Big, S.F.	Smith, Richard A., et al.	Geneva	Pump	Irrig.	.08	1	8	4	Fillmore	Oct.	11	1941	3518
Cub Creek	Keuten, Diedrich	Jansen	Pump	Irrig.	.20	8	3	4E	Jefferson	Nov.	4	1940	3322
Cub Creek	Von Riesen, Catherine	Beatrice	Pump	Irrig.	.74	23	4	5E	Gage	Mar.	29	1944	3704
Ground Water	Holm, Chris	Hampton	Holm Well	Irrig.		4	10	5	Hamilton	Dec.	3	1940	3340*
Ground Water	Holm, Chris	Hampton	Holm Well	Irrig.		4	10	5	Hamilton	Feb.	24	1944	3689*
Ground Water	Heinzman, Scott E.	Phillips	Heinzman Well	Irrig.		33	11	8	Hamilton	Feb.	29	1944	3691*
Ground Water	Weber, Paul A.	Phillips	Weber Well	Irrig.		2	10	8	Hamilton	Mar.	2	1944	3692*
Ground Water	McKelvie Brothers Co.	Aurora	McKelvie Brothers Well	Irrig.		31	10	6	Hamilton	Mar.	6	1944	3695*
Ground Water	Eskildsen, Hans M.	Hampton	Eskildsen Well	Irrig.		21	11	5	Hamilton	Mar.	15	1944	3698*
Ground Water	Schumacher, J., Estate	Hampton	Peterson Well	Irrig.		28	11	5	Hamilton	Mar.	15	1944	3699*
Ground Water	Thieszen, Daniel	Henderson	Thieszen Well	Irrig.		35	10	5	Hamilton	Mar.	31	1944	3705*
Ground Water	Bamesberger, Carl G.	Hampton	Bamesberger Well	Irrig.		2	10	5	Hamilton	Apr.	3	1944	3707*
Ground Water	Purdy, Alvin	Phillips	Purdy Well	Irrig.		19	11	7	Hamilton	Apr.	11	1944	3710*
Ground Water	Huenefeld, C. H.	Aurora	Huenefeld Well	Irrig.		25	10	7	Hamilton	Apr.	17	1944	3713*
Ground Water	Byers, Chas. E., et al.	Aurora	Byers Well	Irrig.		31	11	6	Hamilton	Apr.	29	1944	3720*
Ground Water	Otto, Harvey E. and Son	Phillips	Otto Well	Irrig.		11	10	8	Hamilton	Dec.	12	1944	3787*
Ground Water	Stuhr, Walter H.	York	Stuhr Well No. 1	Irrig.		29	12	2	York	Mar.	31	1945	3820*
Ground Water	Hansen, C. C.	Aurora	Hansen Well	Irrig.		15	11	6	Hamilton	Apr.	16	1945	3827*
Ground Water	Miller, Edna M., et al.	Dorchester	Miller Well	Irrig.		17	8	3E	Saline	May	7	1945	3830*
Ground Water	Klute, Gerhardt W.	Hampton	Klute Well	Irrig.		27	11	5	Hamilton	July	27	1945	3850*
Ground Water	Daehling, Ernest	Staplehurst	Daehling Well	Irrig.		33	12	2E	Seward	Apr.	4	1946	3888*

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-D—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Ground Water...	Scott, Robert A.	Phillips.....	Scott Well	Irrig.....	28	11	8	Hamilton...	May	14	1946		3907*
Ground Water...	Harman, Cleo	Trumbull.....	Harman Well No. 1.	Irrig.....	12	8	9	Adams.....	Oct.	3	1946		3972*
Ground Water...	Harman, Cleo	Trumbull.....	Harman Well No. 2.	Irrig.....	11	8	9	Adams.....	Oct.	3	1946		3973*
Ground Water...	Harman, Cleo	Trumbull.....	Harman Well No. 3.	Irrig.....	14	8	9	Adams.....	Oct.	3	1946		3974*
Ground Water...	Harrington, Wayne W.	York.....	Harrington Well	Irrig.....	13	12	4	York.....	Nov.	1	1946		3996*
Ground Water...	Harrington, Eunice	York.....	Harrington Well	Irrig.....	9	9	1	York.....	Nov.	1	1946		3997*
Ground Water...	Harrington, Eunice	York.....	Harrington Well No. 3.	Irrig.....	9	9	1	York.....	Nov.	1	1946		3998*
Ground Water...	Andelt, Ed., Sr.	Crete.....	Andelt Well	Irrig.....	24	8	3	Saline.....	Mar.	19	1947		4048*
Ground Water...	Ellis, Ford A.	Dorchester.....	Ellis Well	Irrig.....	20	8	3E	Saline.....	Apr.	9	1947		4065*
Ground Water...	Haas, Chas.	Dorchester.....	Haas Well	Irrig.....	27	8	2E	Saline.....	May	22	1947		4077*
Ground Water...	Warren, Harley	Giltner.....	Warren Well	Irrig.....	33	10	6	Hamilton...	June	3	1947		4078*
Ground Water...	Rinderspacher, Otto K.	Hastings.....	Rinderspacher Well	Irrig.....	8	7	8	Clay.....	June	16	1947		4082*
Ground Water...	Goudy, Paul	Stromsburg.....	Goudy Well	Irrig.....	14	12	2	York.....	Dec.	19	1947		4161*
Ground Water...	Heinzman, S. E.	Phillips.....	Heinzman Wells	Irrig.....	28	11	8	Hamilton...	Dec.	29	1947		4163*
Ground Water...	Erickson Bros.	Stromsburg.....	Erickson Bros. Well.....	Irrig.....	33	11	8	Hamilton...	Dec.	29	1947		4163*
Ground Water...	Plucknett, W. H.	DeWitt.....	Plucknett Well	Irrig.....	6	13	2	Polk.....	Jan.	8	1948		4171*
Ground Water...	Nickolous, Harlan	Stockham.....	Nickolous Well	Irrig.....	4	4	5E	Gage.....	Feb.	3	1948		4199*
Ground Water...	Fenster, Raymond	Bradshaw.....	Fenster Well	Irrig.....	21	9	5	Hamilton...	Apr.	6	1948		4240*
Ground Water...	Luethji, Dale	Bradshaw.....	Luethji Well	Irrig.....	33	11	4	York.....	Apr.	30	1948		4253*
Ground Water...	Luethji, Dale	Bradshaw.....	Luethji Well	Irrig.....	33	11	4	York.....	Apr.	30	1948		4254*
Ground Water...	Richters, Elmer H.	Stromsburg.....	Richters Well No. 1.	Irrig.....	3	12	3	York.....	May	22	1948		4269*
Ground Water...	Richters, Elmer H.	Stromsburg.....	Richters Well No. 2.	Irrig.....	30	13	3	Polk.....	May	22	1948		4270*
Ground Water...	Strong, Earl L.	Trumbull.....	Strong Well	Irrig.....	2	8	8	Clay.....	June	15	1948		4287*
Ground Water...	Adams, Charles F.	Aurora.....	Adams Well	Irrig.....	35	10	8	Hamilton...	June	26	1948		4299*
Ground Water...	Schulz, Daniel F.	Beaver Cros'g.	Schulz Well	Irrig.....	24	10	1E	Seward.....	July	29	1948		4315*
Ground Water...	Griess, August	Sutton.....	Griess Well	Irrig.....	32	9	4	York.....	Aug.	13	1948		4326*
Ground Water...	Overturf, Max	Edgar.....	Overturf Well	Irrig.....	18	6	5	Clay.....	Aug.	16	1948		4327*
Ground Water...	Rinderspacher, Otto K.	Hastings.....	Rinderspacher Well	Irrig.....	20	8	9	Adams.....	Aug.	31	1948		4334*

Ground Water...	Carlson, Nettie	Polk.....	Carlson Well	Irrig.....	12	13	4	Polk.....	Sept.	24	1948	4346*			
Ground Water...	Doubt and Pavelka.....	Lincoln.....	Doubt-Pavelka Well.....	Irrig.....	31	6	3	Fillmore....	Nov.	24	1948	4372*			
Ground Water...	Pomojzl, Henry	Crete.....	Pomojzl Well	Irrig.....	17	8	4E	Saline.....	Dec.	15	1948	4402*			
Ground Water...	Kreutz, R. H.	Giltner.....	Kreutz Well	Irrig.....	33	10	8	Hamilton...	July	29	1949	4494*			
Ground Water...	McAlpin, Archie H.	Friend.....	McAlpin Well.....	Irrig.....	9	8	2E	Saline.....	Aug.	12	1949	4499*			
Ground Water...	Vetter, George.....	Aurora.....	Vetter Well No. 1.....	Irrig.....	34	11	7	Hamilton...	Nov.	25	1949	4536*			
Ground Water...	Vetter, George.....	Aurora.....	Vetter Well No. 2.....	Irrig.....	24	12	7	Hamilton...	Nov.	25	1949	4537*			
Ground Water...	Vetter, George.....	Aurora.....	Vetter Well No. 3.....	Irrig.....	33	12	6	Hamilton...	Nov.	25	1949	4538*			
Ground Water...	Hoegh, Albert.....	Hampton.....	Hoegh Well.....	Irrig.....	29	12	5	Hamilton...	Jan.	5	1950	4564*			
Ground Water...	Rasmussen and Frazier.....	Fairmont.....	Rasmussen and Frazier Well	Irrig.....	29	8	2	Fillmore....	Feb.	3	1950	4585*			
Ground Water...	Rath, Henry.....	Grafton.....	Rath Well.....	Irrig.....	4	8	4	Fillmore....	Feb.	24	1950	4604*			
Ground Water...	Griess, Oscar J.....	Lushton.....	Griess Well.....	Irrig.....	29	9	4	York.....	Feb.	24	1950	4605*			
Ground Water...	Oswald, Albert.....	Aurora.....	Oswald Well No. 1.....	Irrig.....	15	10	7	Hamilton...	Mar.	1	1950	4610*			
Ground Water...	Oswald, Albert.....	Aurora.....	Oswald Well No. 2.....	Irrig.....	12	10	7	Hamilton...	Mar.	1	1950	4611*			
Ground Water...	Oswald, Albert.....	Aurora.....	Oswald Well No. 3.....	Irrig.....	15	10	7	Hamilton...	Mar.	1	1950	4612*			
Ground Water...	Schlechte, Wilbur.....	Waco.....	Schlechte Well.....	Irrig.....	35	11	1	York.....	Apr.	19	1950	4646*			
Ground Water...	Otto, Alice M.....	Bradshaw.....	Otto Well No. 1.....	Irrig.....	25	11	4	York.....	May	2	1950	4667*			
Ground Water...	Otto, Alice M.....	Bradshaw.....	Otto Well No. 2.....	Irrig.....	24	11	4	York.....	May	2	1950	4668*			
Ground Water...	Meehan, Peter A.....	York.....	Meehan Well.....	Irrig.....	24	12	3	York.....	July	24	1950	4728*			
Ground Water...	Plucknett, W. H.....	DeWitt.....	Plucknett Well.....	Irrig.....	4	4	5	Gage.....	July	26	1950	4729*			
Indian Creek (See Spring Branch)	Fink, Alvin M.....	Wymore.....	Pump.....	Irrig.....	.10	25	2	6E Gage.....	Feb.	23	1935	2518			
Indian Creek.....	Sailing, Clyde.....	Wymore.....	Pump.....	Irrig.....	.21	25	2	6E Gage.....	Sept.	4	1947	4104			
Lincoln Creek.....	Thorp and Harris.....	Thayer.....	Thayer Mills.....	Power.....	25	12	2	York.....				1053*			
Lincoln Creek.....	Ritterbush, Fred.....	Seward.....	Pumps.....	Irrig.....	.67	33	12	2E Seward....	Nov.	22	1934	2496			
								4	11	2E	Seward.....	Nov.	22	1934	2496
Lincoln Creek.....	Daehling, Ernest.....	Staplehurst.....	Pump.....	Irrig.....	.36	33	12	2E Seward....	July	22	1937	2764			
Lincoln Creek.....	Ficken, Marie.....	Seward.....	Pump No. 1.....	Irrig.....	.31	20	11	3E Seward....	July	27	1937	2765			
Lincoln Creek.....	Nelson, Lee M.....	Rochester, Minnesota	Pumps.....	Irrig.....	.34	13	11	2E Seward....	Aug.	18	1937	2773			
					.32	24	11	2E Seward....	Aug.	18	1937	2773			

*Application pending, or claim not adjudicated.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-D—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Lincoln Creek...	Curry, J. F.	Seward	Pump	Irrig. ....	.94	19	11	3E	Seward	Apr.	12	1938	2861
Lincoln Creek...	Kruse, Herman F., et al	Seward	Pump	Irrig. ....	.81	19	11	3E	Seward	Sept.	12	1938	2883
Lincoln Creek...	Lindstrom, Annie B., et al	Waco	Pump	Irrig. ....	.36	21	12	1	York	Nov.	8	1939	3013
Lincoln Creek...	Zieme, Wm	Utica	Pump	Irrig. ....	.26	31	12	1E	Seward	Dec.	1	1939	3034
Lincoln Creek...	Jones, Mrs. Dorothy	Seward	Pump	Irrig. ....	.28	13	11	2E	Seward	Dec.	11	1939	3045
Lincoln Creek...	Schneebeck, Louis	Seward	Pump	Irrig. ....	.46	24	11	2E	Seward	Dec.	18	1939	3056
Lincoln Creek...	Curry, J. F.	Seward	Pump	Irrig.	1.15	19	11	3E	Seward	Feb.	28	1940	3097
Lincoln Creek...	Mayland, Mrs. Chas. H.	Staplehurst	Pump No. 2.	Irrig. ....	.36	11	11	2E	Seward	July	30	1940	3223
Lincoln Creek...	Parker, Cora Belle	Utica	Pump	Irrig. ....	.35	34	12	2	York	Sept.	16	1940	3266
Lincoln Creek...	Steenburg, Donald B.	Aurora	Pumps	Irrig. ....	.34	2	10	6	Hamilton	Sept.	27	1940	3276
Lincoln Creek...	Grosshans, Andrew	York	Pump	Irrig. ....	.28	14	11	3	York	Oct.	21	1940	3303
Lincoln Creek...	Schneebeck, Louis	Seward	Pump	Irrig. ....	.37	24	11	2E	Seward	Oct.	21	1940	3304
Lincoln Creek...	Hurlbut, M. A., et al	York	Pump	Irrig. ....	.56	19	11	2	York	Aug.	5	1941	3481
Lincoln Creek...	Edgerton, Frank E.	Aurora	Pump	Irrig. ....	.68	30	11	5	Hamilton	Sept.	9	1943	3644
Lincoln Creek...	Frank, Geo. C.	York	Pump	Irrig. ....	.31	35	12	2	York	Feb.	19	1946	3674
Lincoln Creek...	Lusk, C. E.	York	Pump	Irrig. ....	.88	3	11	2	York	Oct.	23	1947	4134
Lincoln Creek...	Tietmeyer, Herman	York	Pump	Irrig. ....	.48	18	11	2	York	Dec.	18	1947	4159
Lincoln Creek...	Slezak, Milo	York	Pump	Irrig. ....	.37	8	11	2	York	May	11	1948	4264
Lincoln Creek...	Scamehorn, Carl	York	Pump	Irrig. ....	.19	10	11	3	York	June	25	1948	4298
Lincoln Creek...	Griess, Walter J.	Hampton	Pump	Irrig. ....	.17	22	11	5	Hamilton	Nov.	24	1948	4374
Lincoln Creek...	Heiden, Arnold S.	York	Pump	Irrig. ....	.32	34	12	2	York	Dec.	14	1948	4399
Lincoln Creek...	Osborne, Myron W.	Bradshaw	Pump	Irrig. ....	.44	14	11	4	York	Feb.	4	1949	4426
Lincoln Creek...	Meyer, C. Henry	Lincoln	Pump	Irrig. ....	.36	22	11	4	York	May	19	1949	4473
Lincoln Creek...	Gross, Armin A.	Utica	Pump	Irrig. ....	.69	27	12	1E	Seward	Jan.	20	1950	4576
Lincoln Creek...	Davis, Sarah M.	York	Pump	Irrig.		9	11	3	York	June	12	1950	4695
Lincoln Creek...	Romsdal, Earl	York	Pump	Irrig.		10	11	3	York	June	14	1950	4702
Lincoln Creek, Ravine, Trib. to	Wolvin, Lorena	Seward	Wolvin Reservoir No. 1.	Storage ..		6	11	2E	Seward	Feb.	10	1949	4430*

Lincoln Creek, Ravine, Trib. to	Wolvin, Lorena	Seward	Wolvin Reservoir No. 2	Storage...		6	11	2E	Seward.....	Feb.	10	1949	4432*
School Creek.....	Trautman, Henry, et al.	Sutton.....	Pump	Irrig.....	.16	17	8	4	Fillmore....	Apr.	29	1940	3141
School Creek.....	Fitzgerald, Tom	Grafton.....	Pump	Irrig.....	.05	20	8	4	Fillmore....	June	3	1942	3572
Siedhoff Res.....	Siedhoff, Henry.....	Crete.....	Siedhoff Reservoir	Irrig.....		30	8	4E	Saline.....	Nov.	12	1949	4545
Sleepy Hollow, Ravine, Trib. to	Miller, Calvin J.....	Utica.....	Miller Reservoir	Storage...	†23.5 AF	8	10	1E	Seward.....	Jan.	10	1949	4419
Spring Branch (See Indian Creek)	Fink, Alvin M.....	Wymore.....	Pump	Irrig.....	.07	25	2	6E	Gage.....	Feb.	23	1935	2518
Spring Creek	Delehoy, Lillie M.....	Wymore.....	Pump	Irrig.....		35	7	1E	Gage.....	Feb.	16	1950	4601
Swan Creek.....	Schmidt, Frederick	DeWitt.....	Pump	Irrig.....	.03	19	5	4E	Saline.....	Apr.	6	1937	2728
Swan Creek.....	Schmidt, Frederick	DeWitt.....	Pump	Irrig.....	.70	16	5	4E	Saline.....	Feb.	9	1949	4428
Turkey Creek.....	Grothe, Chas.	Pleasant Hill		Power.....		4	7	3E	Saline.....				990*
Turkey Creek.....	Lane, J. K.....	Pleasant Hill	Lane Model Canal	Irrig.....	.09	4	7	3E	Saline.....	July	16	1895	81
Turkey Creek.....	Lane, J. K.....	Pleasant Hill	Lane Model Canal	Irrig.....					Saline.....	July	18	1895	84
Turkey Creek.....	Pecka, Frank, Jr.....	Friend.....	Pump	Irrig.....	1.23	4	7	1E	Saline.....	May	3	1934	2376
Turkey Creek.....	Divoky, Rudolph	Friend.....	Pump	Irrig.....	1.13	34	8	1E	Saline.....	May	25	1934	2386
Turkey Creek.....	Dilley, Edward A., Est..	Friend.....	Pump	Irrig.....	2.11	33	8	2E	Saline.....	June	30	1934	2414
Turkey Creek.....	Belka, John	Dorchester	Pump	Irrig.....	.58	4	7	3E	Saline.....	July	13	1934	2424
Turkey Creek.....	Engel, H. H.....	Friend.....	Pump	Irrig.....	.73	8	7	1E	Saline.....	July	19	1934	2432
Turkey Creek.....	Hasenohr, Fred	DeWitt.....	Pump	Irrig.....	.33	24	5	4E	Saline.....	May	3	1935	2546
Turkey Creek.....	Stokebrand, Edwin	DeWitt.....	Pump	Irrig.....	.49	29	5	5E	Gage.....	Oct.	18	1935	2562
Turkey Creek.....	Ebke, Henry	DeWitt.....	Pump	Irrig.....	.40	24	5	4E	Saline.....	Oct.	16	1936	2645
Turkey Creek.....	Hamouz, Lew	Milligan.....	Pump	Irrig.....	.04	35	7	1	Fillmore....	Nov.	3	1936	2651
Turkey Creek.....	Yokel, J. C.....	Friend.....	Pump	Irrig.....	.96	17	7	1E	Saline.....	Mar.	24	1938	2853
Turkey Creek.....	Barney, John E.....	Friend.....	Pump	Irrig.....	.30	32	8	2E	Saline.....	Sept.	8	1939	2961

*Application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISON NO. 1-D—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Turkey Creek...	Eret, Adolph	Dorchester...	Pump	Irrig.....	.41	34	8	2E	Saline.....	July	23	1940	3209	
Turkey Creek...	Damkroger, Henry W....	DeWitt.....	Pumps	Irrig.....	.46	29	5	5E	Gage.....	Aug.	20	1940	3235	
Turkey Creek...	Waldo, Mrs. Lizzie.....	DeWitt.....	Pumps	Irrig.....	.53	24	5	4E	Saline.....	Aug.	27	1940	3243	
							19	5	5E	Saline.....	Aug.	27	1940	3243
Turkey Creek...	Drake, D. E.	Friend.....	Pump	Irrig.....	.61	32	8	2E	Saline.....	Sept.	24	1940	3274	
Turkey Creek...	Vossler, Mrs. Esther A..	Friend.....	Pump	Irrig.....	.09	36	8	1E	Saline.....	Oct.	9	1940	3288	
Turkey Creek...	Dvorak, John	Wilber.....	Pump	Irrig.....	.11	33	6	4E	Saline.....	Dec.	7	1940	3344	
Turkey Creek...	Svejda, Vaclav.....	Crete.....	Pump	Irrig.....	.04	23	7	3E	Saline.....	July	28	1941	3473	
Turkey Creek...	Semrad, James.....	Crete.....	Pump	Irrig.....	.16	14	7	3E	Saline.....	Aug.	4	1941	3479	
Turkey Creek...	Arnold, Lillie D.....	Dorchester...	Pump	Irrig.....	.23	35	8	2E	Saline.....	May	14	1942	3566	
Turkey Creek...	Southwick, P. O.....	Friend.....	Pump	Irrig.....	.28	2	7	1E	Saline.....	Feb.	2	1946	3872	
Turkey Creek...	Sloan, William M.....	Eugene, Ore..	Pump	Irrig.....	.07	20	7	2	Fillmore...	Sept.	21	1946	3967	
Turkey Creek...	Barney, Geo. W.....	Friend.....	Pump	Irrig.....	.30	32	8	2E	Saline.....	Sept.	10	1947	4108	
Turkey Creek...	Brown, Pearl F.....	Geneva.....	Brown Reservoir...	Storage...		21	7	2	Fillmore...	July	26	1948	4314*	
Turkey Creek...	Moore, Clarence.....	Wilber.....	Pump	Irrig.....	.76	6	6	4E	Saline.....	Mar.	2	1949	4441	
Turkey Creek...	Miller, John, Estate....	Superior.....	Pump	Irrig.....	.61	31	8	2E	Saline.....	May	2	1950	4666	
Turkey Creek...	Vossler, Geo.....	Friend.....	Pump	Irrig.....	.38	31	8	2E	Saline.....	Apr.	19	1949	4467	
Turkey Creek, North Fork	Brown, Guy A.....	Geneva.....	Valley View Reservoir...	Storage...		32	7	2	Fillmore...	July	26	1948	4312*	
Valley View Res..	Brown, Guy A.....	Geneva.....	Valley View Canal.....	Irrig.....		32	7	2	Fillmore...	July	26	1948	4313*	
Wolf Creek.....	Sailing, Harry C.....	Wymore.....	Pump	Irrig.....	.14	6	1	8E	Gage.....	Dec.	28	1949	4559	
Wolvin Res. No. 1	Wolvin, Lorena	Seward.....	Wolvin Canal.....	Irrig.....		6	11	2E	Seward.....	Feb.	10	1949	4431*	

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-E

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Bennett Reservoir	Rodman, Walter M.	Kimball.	Bennett Canal	Supp. I.	A-691	22	15	55	Kimball.	Oct.	2	1902	691
Bennett Reservoir	Rodman, Walter M.	Kimball.	Bennett Canal	Stor-only.		22	15	55	Cheyenne.	Jan.	13	1928	1975
Flood Water.	Fifield, C. M.	Kimball.	Fifield Canal	Irrig. ....	.57	22	15	56	Kimball.	Apr.	27	1911	1091
Ground Water (Lodgepole Cr.)	McIntosh, J. L. and Martin, Paul L.	Sidney.	McIntosh-Martin Well.	Irrig.	1.23	35	14	50	Cheyenne.	Nov.	22	1922	1695
Ground Water.	S. A. Foster Lumber Co.	Lincoln.	Foster Wells.	Irrig. ....	.66	8	13	46	Cheyenne.	Apr.	29	1931	2200
Ground Water.	Rodman, Roland V.	Denver, Colo.	Rodman Well No. 1.	Irrig.		28	15	54	Kimball.	Aug.	7	1937	2770*
Ground Water.	Bright, Joe S.	Bridgeport.	Bright Well.	Irrig.		2	13	50	Cheyenne.	May	4	1938	2870*
Ground Water.	Killham, Edward H.	Lodgepole.	Killham Well.	Irrig.		1	12	52	Cheyenne.	Dec.	21	1938	2903*
Ground Water.	Gunderson, Howard.	Dix.	Gunderson Well.	Irrig.		36	15	54	Kimball.	Dec.	22	1939	3065*
Ground Water.	Lobb, Jason O.	Gurley.	Lobb Well.	Irrig.		27	15	55	Kimball.	Mar.	29	1940	3126*
Ground Water.	Gunderson, Robert.	Dix.	Gunderson Well.	Irrig.		33	15	54	Kimball.	May	11	1940	3156*
Ground Water.	Russell, Gail H.	Kimball.	Russell Wells.	Irrig.		29	15	55	Kimball.	May	27	1940	3167*
						27	15	54	Kimball.	May	27	1940	3167*
						35	15	54	Kimball.	May	27	1940	3167*
Ground Water.	Johnson, Julius J.	Dix.	Johnson Well.	Irrig.		34	15	53	Kimball.	Feb.	27	1941	3403*
Ground Water.	Gunderson, Howard.	Dix.	Gunderson Well.	Irrig.		2	14	53	Cheyenne.	Mar.	25	1941	3419*
Ground Water.	Mohatt, Everett.	Sidney.	Mohatt Well.	Irrig.		4	13	50	Cheyenne.	Jan.	26	1942	3546*
Ground Water.	Patrowsky, L. H.	Sidney.	Patrowsky Well.	Irrig.		32	14	49	Cheyenne.	Oct.	28	1946	3993*
Ground Water.	Beyer, Frank A.	Sidney.	Beyer Well.	Irrig.		34	14	29	Cheyenne.	Dec.	4	1946	4010*
Ground Water.	Lobb, Jason O.	Sidney.	Lobb Well.	Irrig.		28	15	55	Kimball.	Dec.	30	1948	4408*
Ground Water.	Lobb, Jason O.	Sidney.	Lobb Well.	Irrig.		35	15	55	Kimball.	Mar.	15	1950	4620*
Ground Water.	Mortensen, Arthur P.	Pine Bluffs, Wyoming	Mortensen Well.	Irrig.		14	14	59	Kimball.	June	23	1950	4711*

Supp. I. Denotes storage water in addition to direct flow.
 Stor-only. Land does not have a direct flow appropriation.
 *Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-E—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Dam or Pump Location of			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ground Water...	Mortensen, Arthur P.	Pine Bluffs, Wyoming	Mortensen Well	Irrig.		11	14	59	Kimball...	June	23	1950		4712*
Ground Water...	Steele, William H.	Dix	Steele Well	Irrig.		26	15	54	Kimball...	July	11	1950		4722*
Lodgepole Creek..	Stahla, Henry, et al.	Kimball	Bickel Canal.....	Irrig. ....	.30	30	15	55	Kimball...	Dec.	31	1876	347	
Lodgepole Creek..	Alfred Forsling Est. Inc.	Kimball	Owasco Canal.....	Irrig.	1.20	29	15	55	Kimball...	Dec.	31	1876	347R	
Lodgepole Creek..	Gunderson, Walter	Tie Siding, Wyoming	Gunderson Canal.....	Irrig.	1.43	1	14	52	Cheyenne...	June	1	1879	305	
Lodgepole Creek..	Dimery, Martin	Sidney	Runge Canal No. 1	Irrig.	1.71	20	14	50	Cheyenne...	Apr.	15	1880	339	
Lodgepole Creek..	Dimery, Martin	Sidney	Runge Canal No. 2	Irrig. ....	.50	20	14	50	Cheyenne...	Apr.	15	1882	338	
Lodgepole Creek..	Carlson, Mrs. Christina..	Potter	Anderson Canal No. 1	Irrig.	2.50	8	14	51	Cheyenne...	June	30	1882	373	
Lodgepole Creek..	Rodman, Walter M.	Kimball	Circle Arrow Canal.....	Irrig.	3.71	30	15	54	Kimball...	July	1	1882	346	
Lodgepole Creek..	Fuller, Clark H., et al.	Sidney	Urbach Canal.....	Irrig. ....	.86	15	14	51	Cheyenne...	Sept.	1	1882	308	
Lodgepole Creek..	Booth, Geo. M., et al.	Sunol	Booth Canal.....	Irrig.	4.29	29	14	47	Cheyenne...	May	31	1883	309	
Lodgepole Creek..	McAuliffe, John F.	Chappell	McAuliffe Canal	Irrig.	2.29	21	13	45	Deuel	Dec.	31	1884	814	
Lodgepole Creek..	Ferguson, John H.	Kimball	Kinney Canal No. 2	Irrig.	2.71	33	15	36	Kimball...	Dec.	31	1884	348	
Lodgepole Creek..	Wise, Chas C.	Lodgepole	Libby Canal.....	Irrig.	2.00	36	14	47	Cheyenne...	Dec.	31	1884	312	
Lodgepole Creek..	Wickard, Ernest	Lodgepole	Dickinson Canal.....	Irrig.	1.14	26	14	47	Cheyenne...	Jan.	1	1885	969	
Lodgepole Creek..	Ruttner, Edward A.	Lodgepole	Howard Canal.....	Irrig. ....	.86	31	14	47	Cheyenne...	Apr.	10	1885	336	
Lodgepole Creek..	Krueger, Wm. F., et al.	Sidney	Krueger Canal No. 3	Irrig.	1.14	32	14	48	Cheyenne...	May	1	1885	323	
Lodgepole Creek..	Christensen, Ed. G.	Fremont	Wolf Canal.....	Irrig.	1.00	18	13	45	Deuel	Dec.	31	1885	813	
Lodgepole Creek..	Rodman, Walter M.	Kimball	McIntosh Canal	Irrig.	3.31	23	15	55	Kimball...	Apr.	16	1886	351	
Lodgepole Creek..	Krueger, Wm. F., et al.	Sidney	Krueger Canal No. 2	Irrig.	2.29	32	14	48	Cheyenne...	Oct.	10	1886	324	
Lodgepole Creek..	Beyer, Bernard J.	Sidney	Borquist Canal.....	Irrig. ....	.71	34	14	49	Cheyenne...	Apr.	30	1887	300	
Lodgepole Creek..	Beyer, Bernard J.	Sidney	Borquist Canal.....	Irrig.	1.29	34	14	49	Cheyenne...	Apr.	30	1887	301	
Lodgepole Creek..	Dickinson, Friend	Sunol	McLaughlin Canal	Irrig.	1.00	25	14	48	Cheyenne...	May	1	1887	966	

Lodgepole Creek.	George, J. Harvey.....	Sidney.....	Mitchell Canal.....	Irrig.....	.86	8	14	51	Cheyenne...	Sept.	1	1887	304
Lodgepole Creek.	Barstow, L. C.....	Sidney.....	Tobin Canal.....	Irrig.....	.84	28	14	47	Cheyenne...	July	31	1888	330
Lodgepole Creek.	Barstow, L. C.....	Sidney.....	Pump.....	Irrig.....	.50	28	14	47	Cheyenne...	July	31	1888	330R
Lodgepole Creek.	Barstow, L. C.....	Sidney.....	Tobin Canal.....	Irrig.....	.26	28	14	47	Cheyenne...	July	31	1888	330R
Lodgepole Creek.	Barstow, L. C.....	Sidney.....	Tobin Canal.....	Irrig.....	.70	28	14	47	Cheyenne...	July	31	1888	330R
Lodgepole Creek.	Peetz, John.....	Sidney.....	Bordwell Canal.....	Irrig.....	1.43	35	14	49	Cheyenne...	Aug.	1	1888	303
Lodgepole Creek.	Benziger, Adelrick.....	Pine Bluffs, Wyoming	Premier Canal.....	Irrig.....	2.43	3	14	58	Kimball....	Apr.	11	1889	340
Lodgepole Creek.	Peetz, John.....	Sidney.....	Bordwell Canal.....	Irrig.....	.86	35	14	49	Cheyenne...	Apr.	27	1889	302
Lodgepole Creek.	Farmer, Marion.....	Kimball.....	Atkins-Polly Canal.....	Irrig.....	.79	30	15	55	Kimball....	May	6	1889	342
Lodgepole Creek.	Gross, Wilkinson Ranch Benziger, Adelrick	Pine Bluffs, Wyoming	Independent Canal.....	Irrig.....	3.14	7	14	58	Kimball....	May	6	1889	343
Lodgepole Creek.	Atkins, Vernon D.....	Kimball.....	Atkins-Polly Canal.....	Irrig.....	.43	30	15	55	Kimball....	May	6	1889	344
Lodgepole Creek.	Ferguson, John H.....	Kimball.....	Kinney Canal.....	Irrig.....	2.00	31	15	56	Kimball....	May	14	1889	345
Lodgepole Creek.	Haberstroh, W. A.....	Omaha.....	Young Canal.....	Irrig.....	.50	33	15	57	Kimball....	May	28	1889	349
Lodgepole Creek.	Linn, Vernon E.....	Kimball.....	Ruttner (Old) Canal.....	Irrig.....	.81	31	15	56	Kimball....	June	4	1889	350
Lodgepole Creek.	Linn, Vernon E.....	Kimball.....	Ruttner (New) Canal.....	Irrig.....	.33	36	15	57	Kimball....	June	4	1889	350R
Lodgepole Creek.	Oberfelder, Irving T.....	Detroit, Mich.	Oberfelder Canal.....	Irrig.....	.43	31	14	46	Cheyenne...	June	10	1889	333
Lodgepole Creek.	Mayborn, Thos. W.....	Chappell.....	Bullock Canal.....	Irrig.....	1.43	3	13	46	Deuel.....	June	25	1889	296
Lodgepole Creek.	Carlson, Myron F.....	Chappell.....	Persinger Canal.....	Irrig.....	4.57	33	14	46	Deuel.....	June	25	1889	297
Lodgepole Creek.	Krueger, Wm. F., et al.	Sidney.....	Krueger Canal No. 1.....	Irrig.....	3.00	29	14	48	Cheyenne...	June	26	1889	325
Lodgepole Creek.	Atkins, Vernon, et al....	Kimball.....	Brady Canal.....	Irrig.....	.71	28	15	54	Kimball....	Aug.	16	1889	352
Lodgepole Creek.	Gross Wilkinson Ranch..	Pine Bluffs, Wyoming	Hoover Canal.....	Irrig.....	1.43	12	14	59	Kimball....	Sept.	4	1889	353
Lodgepole Creek.	Equitable Life Ins. Co...	Des Moines, Iowa	Ickes Canal.....	Irrig.....	2.50	28	14	50	Cheyenne...	Mar.	25	1891	329
Lodgepole Creek.	Egging, Francis H.....	Potter.....	Adams Canal.....	Irrig.....	1.43	3	14	52	Cheyenne...	July	1	1891	371
Lodgepole Creek.	Garrard, Robert, et al...	Kimball.....	Hurley-Lilly-Polly Canal.	Irrig.....	2.57	26	15	56	Kimball....	Oct.	1	1891	354
Lodgepole Creek.	Thorstensen, Nels.....	Potter.....	Christensen Canal.....	Irrig.....	.57	7	14	51	Cheyenne...	Apr.	15	1893	366
Lodgepole Creek.	Thorstensen, Nels.....	Potter.....	Christensen Canal.....	Irrig.....	.43	7	14	51	Cheyenne...	Apr.	15	1893	367
Lodgepole Creek.	Van Aelstyn, Ed.....	Sidney.....	Trognitz Canal.....	Irrig.....	1.00	36	14	50	Cheyenne...	June	1	1893	365
Lodgepole Creek.	Oberfelder, Irving T.....	Detroit, Mich.	Oberfelder Canal.....	Irrig.....	2.00	31	14	46	Cheyenne...	Dec.	30	1893	306
Lodgepole Creek.	Borgmann, Henry F.....	Lodgepole....	Barret Canal.....	Irrig.....		32	14	46	Cheyenne...				334*

*Application pending.
"R" Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-E—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
Lodgepole Creek..	Krueger, Wm. F., et al.	Sidney.....	Krueger Canal	Irrig.....	1.00	29	14	48	Cheyenne...	May	1	1894	968		
Lodgepole Creek..	Lyngholm, Hannah	Sidney.....	Lyngholm Canal	Irrig.....	.36	14	14	51	Cheyenne...	Nov.	1	1894	337		
Lodgepole Creek..	Dickinson, Geo. W., et al	Lodgepole....	Dickinson Canal	Irrig.....	2.29	33	14	47	Cheyenne...	May	10	1896	967		
Lodgepole Creek..	Carlson, Myron F.....	Chappell.....	Bullock Canal	Irrig.....	.57	4	13	46	Deuel.....	Feb.	16	1898		437	
Lodgepole Creek..	Alfred Forsling Est., Inc.	Kimball.....	Maltese Cross Canal.....	Irrig.....	.21	36	15	57	Kimball....	May	16	1898		454	
Lodgepole Creek..	Benziger, Adelrick	Pine Bluffs, Wyoming	Bushnell Canal	Irrig.....	3.00	2	14	58	Kimball....	Apr.	15	1899		504	
Lodgepole Creek..	Eversman, Helen T.....	Ovid, Colo....	Wiegand Canal	Irrig.....	2.00	17	13	45	Deuel.....	May	31	1900		563	
Lodgepole Creek..	Brown, G. B.	Chappell.....	Neuman Canals 1-2.....	Irrig.....	1.89	36	13	45	Deuel.....	June	12	1900		565	
Lodgepole Creek..	Peterson, H. C.	Chappell.....	Wertz Canal	Irrig.....	2.86	12	13	46	Deuel.....	Feb.	14	1901		600	
Lodgepole Creek..	Neuman, Guy C.	Chappell.....	Neuman Canal	Irrig.....	1.29	26	13	45	Deuel.....	Apr.	17	1901		611	
Lodgepole Creek..	Williams, Albert	Chappell.....	Johnson Canal	Irrig.....	2.01	23	13	45	Deuel.....	Apr.	17	1901		612	
Lodgepole Creek (See A-1974)	Rodman, Walter M.....	Kimball.....	Bennett Reservoir	Storage..	†700	AF	22	15	55	Kimball....	Mar.	13	1902		657
Lodgepole Creek..	Rabe, George H.	Chappell.....	Naslund Canal	Irrig.....	.90	1	12	45	Deuel.....	Apr.	16	1902		661	
Lodgepole Creek..	Rodman, Walter M.....	Kimball.....	Bennett Canal	Irrig.....	1.22	22	15	55	Kimball....	Oct.	2	1902		691	
Lodgepole Creek..	Forsling, Alfred	Kimball.....	Forsling Canal	Irrig.....	1.50	34	15	57	Kimball....	Apr.	24	1903		703	
Lodgepole Creek..	Quinn, Harold	Casper, Wyo.	Kinney-Forsling Canal...	Irrig.....	1.07	33	15	56	Kimball....	July	25	1903		718	
Lodgepole Creek..	Quinn, Harold	Casper, Wyo.	Ruttner-Kinney Canal	Irrig.....	.75	31	15	56	Kimball....	July	25	1903		718R	
Lodgepole Creek..	Stahla, Henry	Kimball.....	Bickel Canal	Irrig.....	.93	30	15	55	Kimball....	Aug.	3	1903		719	
Lodgepole Creek..	Fuller, Clark H., et al..	Sidney.....	Fomeroy Canal No. 1.....	Irrig.....	.57	15	14	51	Cheyenne...	Aug.	20	1903		723	
Lodgepole Creek..	Atkins, Vernon D.....	Kimball.....	Faden Canal.....	Irrig.....	.14	30	15	55	Kimball....	Sept.	9	1903		724	
Lodgepole Creek..	Rodman, Walter M.....	Kimball.....	Owasco Canal	Irrig.....	9.84	29	15	55	Kimball....	Sept.	12	1903		725	
Lodgepole Creek..	Linn, Vernon E.....	Kimball.....	Ruttner (New) Canal.....	Irrig.....	.51	36	15	57	Kimball....	Sept.	16	1903		727	
Lodgepole Creek..	Rodman, Walter M. and Uhl, David	Kimball.....	McIntosh Canal	Irrig.....	1.75	23	15	55	Kimball....	Dec.	15	1903		734	
Lodgepole Creek..	Clark, Donald	Chappell.....	Smith Canal.....	Irrig.....	3.86	12	12	45	Deuel.....	Aug.	18	1906		850	
Lodgepole Creek..	Soderquist, Peter, Est..	Chappell.....	Raiton System.....	Irrig.....	2.59	12	12	45	Deuel.....	Jan.	4	1907		847	

Lodgepole Creek..	Quinn, Harold	Casper, Wyo.	Ruttner (New) Canal...	Irrig.....	2.71	36	15	57	Kimball....	Apr.	9	1907	857	
Lodgepole Creek..	Walker, I. S., Estate...	Kimball.....	Ruttner (New) Canal...	Irrig.....	.63	36	15	57	Kimball....	Sept.	16	1907	869	
Lodgepole Creek..	Gross, Chas. C. and Wm. A.	Pine Bluffs, Wyoming	Tracy Canal.....	Irrig.....	.50	12	14	59	Kimball....	Sept.	21	1907	870	
Lodgepole Creek..	Soderquist, Peter, Est..	Chappell.....	Ralton Canal	Irrig.....	12.40	36	13	45	Deuel.....	Dec.	4	1907	882	
Lodgepole Creek..	Kimball Irrig. District..	Kimball.....	Oliver Reservoir.....	Storage...	†20,000	36	15	57	Kimball....	Apr.	15	1908	897	
					AF									
Lodgepole Creek..	Kimball Irrig. District..	Kimball.....	Kimball Canal.....	Irrig.....		36	15	57	Kimball....	April	15	1908	897	
Lodgepole Creek..	Atkins, Vernon D.....	Kimball.....	Atkins-Polly Canal...	Irrig.....	.11	30	15	55	Kimball....	Apr.	15	1908	897R	
Lodgepole Creek..	Wilds, Turner.....	Chappell.....	Wilds Canal	Irrig.....	.57	11	13	46	Deuel.....	June	2	1908	904	
Lodgepole Creek..	Ruttner, Joseph B.....	Sunol.....	Ruttner Canal	Irrig.....	.57	30	14	47	Cheyenne...	June	25	1908	906	
Lodgepole Creek..	Rodman, Walter M.....	Kimball.....	Bennett Canal No. 3...	Irrig.....	1.00	29	15	54	Kimball....	Feb.	17	1909	934	
Lodgepole Creek..	Maginnis, P.....	Kimball.....	Maginnis Pond.....	Ice.....	†500	AF	26	15	56	Kimball....	Sept.	19	1911	1127
Lodgepole Creek..	La Selle, Vernice C.....	Chappell.....	Soderquist Canal.....	Irrig.....	2.00	36	13	45	Deuel.....	Oct.	22	1912	1237	
Lodgepole Creek..	Heming, Howard C.....	Chappell.....	Wiegand Canal No. 3...	Irrig.....	1.21	16	13	45	Deuel.....	Sept.	10	1913	1322	
Lodgepole Creek..	Heming, Howard C.....	Chappell.....	Wiegand Canal No. 2...	Irrig.....	.43	16	13	45	Deuel.....	Sept.	10	1913	1323	
Lodgepole Creek..	Brown and La Selle.....	Chappell.....	Soderquist Canal.....	Irrig.....	2.33	36	13	45	Deuel.....	June	29	1915	1420	
Lodgepole Creek..	Neumann, Maude et al..	Chappell.....	Neumann Canal.....	Irrig.....	1.03	26	13	45	Deuel.....	Jan.	5	1916	1445	
Lodgepole Creek..	Bentley, Bertha M.....	Sidney.....	Bentley Reservoir.....	Domestic.	†50	AF	34	14	50	Cheyenne...	Feb.	14	1917	1478
Lodgepole Creek..	Sudman, Mrs. Minnie...	Chappell.....	Sudman Canal.....	Irrig.....	.79	22	13	45	Deuel.....	Apr.	5	1917	1483	
Lodgepole Creek..	McAulliffe, John E.....	Chappell.....	McAulliffe Canal.....	Irrig.....	1.77	21	13	45	Deuel.....	Oct.	6	1919	1559	
Lodgepole Creek..	Ruttner, Joseph B.....	Sunol.....	Howard-Ruttner Canal.	Irrig.....	.20	31	14	47	Cheyenne...	Mar.	7	1922	1645	
Lodgepole Creek..	Dorwart, Clinton B.....	Sidney.....	Stuht Canal	Irrig.....	.40	32	14	49	Cheyenne...	Apr.	26	1922	1659	
Lodgepole Creek..	Schulte, Grace	Sidney.....	Bluhm Canal.....	Irrig.....	1.00	36	14	48	Cheyenne...	May	24	1926	1511	
Lodgepole Creek..	Stahla, Phillip.....	Kimball.....	Kinney Canal.....	Irrig.....	.20	31	15	56	Kimball....	July	14	1926	1828	
Lodgepole Creek..	Benziger, Adelrick.....	Pine Bluffs, Wyoming	Wearin Canal.....	Irrig.....	1.50	8	14	58	Kimball....	Sept.	28	1926	1864	
Lodgepole Creek..	Rodman, Walter M.....	Kimball.....	Bennett Reservoir.....	Storage...	†262	AF	22	15	55	Kimball....	Jan.	13	1928	1974
(See A-657)														
Lodgepole Creek..	Peterson, Geo. H.....	Chappell.....	Peterson Canal.....	Irrig.....	.66	26	13	45	Deuel.....	Apr.	17	1928	2006	
Lodgepole Creek..	McLernon, Mrs. Emma...	Sidney.....	McLernon Canal.....	Irrig.....	.24	31	14	49	Cheyenne...	Sept.	1	1928	2027	
Lodgepole Creek..	Pantenburg, Wm. F.....	Sidney.....	Pantenburg Canal.....	Irrig.....	1.00	34	14	48	Cheyenne...	Nov.	15	1929	2113	

†Reservoir capacity alleged by applicant.
"R" Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-E—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
Lodgepole Creek.	Thorstensen, Nels.....	Potter.....	Pump.....	Irrig.....	.29	7	14	51	Cheyenne...	Mar.	10	1936		2569	
Lodgepole Creek.	Anderson, Harry.....	Sidney.....	Pump.....	Irrig.....	.20	10	14	51	Cheyenne...	Feb.	14	1938		2839	
Lodgepole Creek.	Peetz, John.....	Sidney.....	Pump.....	Irrig.....	.20	35	14	49	Cheyenne...	Feb.	21	1939		2909	
Lodgepole Creek.	Radcliffe, C. S.....	Sidney.....	Pumps.....	Irrig.....	.41	31	14	49	Cheyenne...	Dec.	21	1939		3064	
							6	13	49	Cheyenne...	Dec.	21	1939		3064
Lodgepole Creek.	Dimery, Martin.....	Sidney.....	Pump.....	Irrig.....	.33	20	14	50	Cheyenne...	June	25	1940		3191	
Lodgepole Creek.	Dimery, Martin.....	Sidney.....	Runge Canal No. 1.....	Irrig.....	.48	20	14	50	Cheyenne...	Jan.	8	1941		3363	
Lodgepole Creek.	Dimery, Martin.....	Sidney.....	Pump.....	Irrig.....	.64	20	14	50	Cheyenne...	Jan.	8	1941		3363 R	
Lodgepole Creek.	Schnell, G. Geo.....	Sidney.....	Jones Canal.....	Irrig.....	1.80	36	14	49	Cheyenne...	Feb.	14	1941		3392	
Lodgepole Creek.	Fuller, Clark H.....	Sidney.....	Pump.....	Irrig.....	.71	15	14	51	Cheyenne...	Apr.	5	1941		3425	
Lodgepole Creek.	George, J. Harvey.....	Sidney.....	George Canal.....	Irrig.....	.71	7	14	51	Cheyenne...	Oct.	27	1941		3525	
Lodgepole Creek.	George, J. Harvey.....	Sidney.....	Mitchell Canal.....	Irrig.....	.29	8	14	51	Cheyenne...	Oct.	27	1941		3526	
Lodgepole Creek.	McHatton, Howard L.....	Chappell.....	Pump.....	Irrig.....	1.27	7	13	45	Deuel.....	Mar.	12	1942		3560	
Lodgepole Creek.	Barstow, L. C.....	Sidney.....	Pump No. 3.....	Irrig.....	.19	28	14	47	Cheyenne...	Apr.	10	1945		3825	
Lodgepole Creek.	Farmer, Marion A.....	Kimball.....	Atkins-Poly Canal.....	Irrig.....	.71	30	15	55	Kimball....	Nov.	18	1949		4531	
Oliver Reservoir.	Kimball Irrig. District..	Kimball.....	Kimball Canal.....	Supp. I...	A-897	36	15	57	Kimball....	Apr.	15	1908		897	
Springs	Oberfelder, Irving T.....	Detroit, Mich.	Oberfelder Canal.....	Irrig.....	2.29	31	14	46	Cheyenne...	May	29	1889	307		
Springs	Chambers, Chas. P., Est.	Sidney.....	Private Canal.....	Irrig.....	.04	14	13	51	Cheyenne...	Mar.	19	1895	335		
Springs	Wise, Chas C.....	Lodgepole.....	Spring Branch Canal....	Irrig.....	.29	36	14	47	Cheyenne...	July	1	1901		623	

"R" Denotes relocation.
Supp. I. Denotes storage water in addition to direct flow.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-F

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
Clear Creek.....	Mann, Thomas A.....	Wymore.....	Pump.....	Irrig.....		25	3	11E	Pawnee.....	Feb.	9	1950		4591	
Nemaha River..	City of Falls City.....	Falls City.....	City Supply.....	Domestic.	4.63	22	1	16E	Richardson.	Aug.	5	1936		2605	
Nemaha R., N.F.	C. B. & Q. R. R. Co....	Lincoln.....	Table Rock Pipe Line...	Domestic.	1.00	33	3	12E	Pawnee.....	Aug.	8	1922		1687	
Nemaha R., N.F.	Estes, E. B.....	Tecumseh.....	Pumps.....	Irrig.....	1.43	19	5	11E	Johnson....	Aug.	15	1930		2159	
Nemaha R., N.F.	Goracke, Roy C.....	Tecumseh.....	Pumps.....	Irrig.....	4.20	13	5	10E	Johnson....	Aug.	15	1930		2159	
Nemaha R., N.F.	Goracke, Raymond A....	Tecumseh.....	Pumps.....	Irrig.....	.54	14	5	10E	Johnson....	May	4	1934		2377	
Nemaha R., N.F.	Goracke, Joe.....	St. Mary.....	Pumps.....	Irrig.....	1.12	14	5	10E	Johnson....	July	16	1934		2428	
Nemaha R., N.F.	City of Humboldt.....	Humboldt.....	Humboldt Lake.....	Resort...	†25	AF	10	2	13E	Richardson.	Sept.	26	1934		2478
Nemaha R., N.F.	City of Tecumseh.....	Tecumseh.....	City Supply.....	Domestic.	2.30	33	5	11E	Johnson....	June	20	1935		2551	
Nemaha R., N.F.	Elk Cr. Recreation Club.	Elk Creek....	Elk Lake Reservoir....	Fish.....		25	4	11E	Johnson....	Sept.	5	1936		2634	
Nemaha R., N.F.	Binder, W. R.....	Table Rock....	Pump.....	Irrig.....	1.54	33	3	12E	Johnson....	Apr.	26	1938		2864	
Nemaha R., N.F.	Heuke, Herman.....	Table Rock....	Pump.....	Irrig.....	.62	20	3	12E	Pawnee....	Jan.	24	1940		3086	
Nemaha R., N.F.	Binder, W. R.....	Table Rock....	Pump.....	Irrig.....	1.73	33	3	12E	Pawnee....	Aug.	6	1941		3482	
Nemaha R., N.F.	Binder, W. R.....	Table Rock....	Pump.....	Irrig.....	1.73	33	3	12E	Pawnee....	Aug.	15	1941		3487	
Nemaha R., N.F.	Binder, W. R.....	Table Rock....	Pump.....	Irrig.....	.19	33	3	12E	Pawnee....	Sept.	25	1941		3511	
Nemaha R., N.F.	Huston, H. H.....	Salem.....	Pump.....	Irrig.....	.10	3	1	5E	Richardson.	June	29	1946		3921	
Nemaha R., N.F.	Binder, W. R.....	Table Rock....	Pump No. 2.....	Irrig.....	1.33	17	3	12E	Pawnee....	Aug.	13	1947		4096	
Nemaha R., S.F.	Auxier, M. Ethel.....	Dawson.....	Pump.....	Irrig.....	1.15	4	1	14E	Richardson.	Mar.	31	1947		4057	
Nemaha R., Little	Clarke, J. E.....	Brock.....	Pumps.....	Irrig.....	1.23	25	6	13E	Nemaha....	Nov.	20	1937		2806	
Nemaha R., Little	Missouri Pacific Railway Corporation	St. Louis, Mo.	Mo. Pac. Water Supply (Auburn)	Domestic.	.74	31	6	14E	Nemaha....	Nov.	20	1937		2806	
Nemaha R., Little	Missouri Pacific Railway Corporation	St. Louis, Mo.	Mo. Pac. Water Supply (Auburn)	Domestic.	3.00	15	5	14E	Nemaha....	May	11	1938		2873	

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISON NO. 1-F—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Rock Creek.....	Stevenson, Julien R.....	Nebraska City	Pump	Irrig.....	.70	30	7	14E	Otoe.....	Dec.	5	1936	2668
Rock Creek.....	Huston, H. H.....	Salem.....	Pump	Irrig.....	.75	20	1	15E	Richardson..	May	10	1948	4262
Walnut Creek....	Kimmel, R. P.....	Nebraska City	Pump	Irrig.....	.46	36	9	13E	Otoe.....	Aug.	27	1936	2625
Weeping Water Creek	Gilmore, Chas.	Weeping Water	Gilmore Pond	Ice.....	8.00	2	10	11E	Cass.....	Aug.	5	1909	955
Weeping Water Creek	University of Nebraska..	Lincoln.....	Pump	Irrig.....	.57	35	10	13E	Cass.....	Nov.	27	1936	2664
Weeping Water Creek	Department of Roads and Irrigation	Lincoln.....	Pump	Irrig.....	.71	35	10	13E	Cass.....	Jan.	18	1937	2681

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ash Creek.....	Swenson, John E.....	Eddyville....	Pump.....	Irrig.....	2.95	7	14	20	Custer.....	May	17	1932		2271
Barnum Creek ..	Sheldon, Charles H.....	Columbus....	Pump No. 1.....	Irrig.....	.13	31	17	1E	Platte.....	Nov.	4	1939		3007
Barnum Creek ..	Mueller, Paul	Columbus....	Pump.....	Irrig.....	.06	36	17	1	Platte.....	Jan.	27	1940		3087
Barnum Creek ..	Wagner, August	Columbus....	Pump.....	Irrig.....	1.08	32	17	1E	Platte.....	Oct.	10	1941		3517
#Beaver Creek...	Quackenbush, J. W.....	Albion.....	Pioneer Canal	Irrig.....	3.57	22	20	6	Boone.....	Dec.	8	1894	287	
Beaver Creek ...	Long, Wm. M.....	Genoa.....	Windmill Project	Irrig.....	.14	14	17	4	Nance.....	Mar.	31	1896		277
Beaver Creek ...	Consumers P. P. Dist...	Columbus....	Albion Plant	Power.....	67.00	26	20	6	Boone.....	Oct.	3	1901		639
Beaver Creek ...	Consumers P. P. Dist...	Columbus....	St. Edward Plant.....	Power.....	130.00	27	19	5	Boone.....	Feb.	11	1911		1058
Beaver Creek ...	Consumers P. P. Dist...	Columbus....	Albion Plant	Power.....	70.00	26	20	6	Boone.....	Feb.	20	1917		1480
Beaver Creek ...	Umbarger, Arthur	Genoa.....	Pump.....	Irrig.....	.99	10	17	4	Nance.....	July	8	1933		2329
Beaver Creek ...	Peterson, Homer S.....	St. Edward..	Pump.....	Irrig.....	.64	18	18	4	Platte.....	Sept.	10	1934		2471
Beaver Creek ...	Peterson, Henry M.....	St. Edward..	Pump.....	Irrig.....	.63	2	18	5	Boone.....	Aug.	7	1935		2554
Beaver Creek ...	Self, Irene	Omaha.....	Pump.....	Irrig.....	.38	20	19	5	Boone.....	June	19	1936		2582
Beaver Creek ...	Battles, S. T.....	Genoa.....	Pump.....	Irrig.....	.19	14	17	4	Nance.....	Oct.	21	1936		2647
Beaver Creek ...	Metz, Urban	Petersburg..	Pump.....	Irrig.....	.50	10	21	7	Boone.....	Dec.	1	1936		2665
Beaver Creek ...	Delarm, Ara V.....	Albion.....	Pump.....	Irrig.....	.27	3	21	7	Boone.....	Mar.	26	1937		2722
Beaver Creek ...	State Board of Control..	Lincoln.....	Genoa Hospital Canal..	Irrig.....	1.28	29	18	4	Nance.....	Apr.	21	1937		2735
Beaver Creek ...	Myers, A. A.....	Albion.....	Pump.....	Irrig.....	.71	1	20	7	Boone.....	Sept.	1	1937		2779
Beaver Creek ...	Qualsett, Olaf	Petersburg..	Pump.....	Irrig.....	.29	30	22	7	Boone.....	Nov.	16	1937		2803
Beaver Creek ...	Watson, W. B.....	Albion.....	Pump.....	Irrig.....	.44	16	19	5	Boone.....	Dec.	2	1937		2811
Beaver Creek ...	Kent-Burke Company	Genoa.....	Genoa Ranch Canal.....	Irrig.....	.29	24	17	4	Nance.....	Dec.	6	1937		2812
Beaver Creek ...	Olson, Mrs. Frank.....	Genoa.....	Pump.....	Irrig.....	.47	15	17	4	Nance.....	Feb.	8	1938		2835
Beaver Creek ...	Mansfield, F. E.....	Albion.....	Pumps.....	Irrig.....	.38	36	20	6	Boone.....	Feb.	21	1938		2840
Beaver Creek ...	Harris, Thomas	St. Edward..	Pump.....	Irrig.....	.72	31	20	5	Boone.....	Feb.	21	1938		2840
Beaver Creek ...					.39	27	19	5	Boone.....	Mar.	8	1938		2843

#See appropriations under Mud (Beaver) Creek.

BUREAU OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Beaver Creek	Gillespie, H. H.	Boone	Pump	Irrig.	.59	8	19	5	Boone	Mar.	15	1938	2846	
Beaver Creek	Hunter, Elga B.	Albion	Pump	Irrig.	.52	10	21	7	Boone	Mar.	24	1938	2856	
Beaver Creek	Battles, Newell H.	Genoa	Pump	Irrig.	.69	14	17	4	Nance	Oct.	27	1938	2893	
Beaver Creek	Ohlson, C. L.	Petersburg	Pump	Irrig.	1.39	4	21	7	Boone	May	25	1939	2926	
Beaver Creek	Stretter, S. W.	Petersburg	Pump	Irrig.	.13	32	22	7	Boone	Aug.	14	1939	2950	
Beaver Creek	Blough, L. N.	Lincoln	Pump	Irrig.	.35	10	21	7	Boone	Sept.	21	1939	2969	
Beaver Creek	Woodworth, Mark A.	Albion	Pump	Irrig.	.41	16	20	6	Boone	Feb.	27	1940	3096	
Beaver Creek	Shaffer, C. J.	St. Edward	Pump	Irrig.	.25	2	18	5	Boone	Apr.	10	1940	3132	
Beaver Creek	Blough, L. N.	Lincoln	Pump	Irrig.	.04	10	21	7	Boone	Apr.	18	1940	3140	
Beaver Creek	Hall, Edward C.	St. Edward	Pump No. 1	Irrig.	.66	12	18	5	Boone	Aug.	17	1940	3234	
Beaver Creek	Carter, Chas. E., Est.	Overton	Pump	Irrig.	.37	34	19	5	Boone	Apr.	21	1941	3430	
Beaver Creek	Brown, C. H., Jr.	Hay Springs	Pump	Irrig.	1.02	17	20	6	Boone	Sept.	3	1941	3491	
Beaver Creek	Choat, Clarence	St. Edward	Pump	Irrig.	.60	28	19	5	Boone	Feb.	24	1942	3554	
Beaver Creek	Zurovski, Leo J.	Albion	Pump	Irrig.	.50	21	19	5	Boone	Apr.	13	1943	3606	
Beaver Creek	Rumstock, Mrs. Leona	Albion	Pump	Irrig.	.50	26	20	6	Boone	Sept.	13	1943	3649	
Beaver Creek	Seif, Irene	Omaha	Pump	Irrig.	.52	20	19	5	Boone	Oct.	25	1943	3661	
Beaver Creek	Gray, Raymond E.	Albion	Pump	Irrig.	.87	7	20	6	Boone	Dec.	20	1943	3665	
Beaver Creek	Jasa, Amos	St. Edward	Pump	Irrig.	.66	21	19	5	Boone	Feb.	7	1944	3681	
Beaver Creek	Carstenson, Lawrence P.	Columbus	Pump	Irrig.		13	17	4	Nance	Mar.	31	1944	3706*	
Beaver Creek	Nielsen, E. M.	Columbus	Pump	Irrig.		14	17	4	Nance	Apr.	28	1944	3719*	
Beaver Creek	Harris, F. C., et al.	Monroe	Pump	Irrig.	.64	9	19	5	Boone	Sept.	6	1944	3763	
Beaver Creek	Sallach, Roy E.	Loretto	Pump	Irrig.	.69	35	21	7	Boone	Feb.	1	1945	3805	
Beaver Creek	Dannelly, Everett	Genoa	Pump	Irrig.	.36	10	17	4	Nance	June	23	1945	3845	
Beaver Creek	Miller, A. D.	Albion	Pump	Irrig.	.97	8	20	6	Boone	July	31	1946	3936	
Beaver Creek	Imus, C. R.	Albion	Pump	Irrig.	.06	16	20	6	Boone	Apr.	7	1947	4064	
Beaver Creek	Fonda, Mrs. N. I.	Los Angeles	Pump	Irrig.	.39	21	19	5	Boone	Aug.	30	1947	4103	
Beaver Creek	Koepfen, George	Albion	Pump	Irrig.	.35	6	19	5	Boone	Jan.	7	1948	4168	
Beaver Creek	Bowman, Eldon E.	Lincoln	Pump	Irrig.	.19	36	20	6	Boone	May	1	1948	4255	

BUREAU OF IRRIGATION

Beaver Creek....	Zurowski, Leo J.....	Albion.....	Pump.....	Irrig.....	.12	21	19	5	Boone.....	July	23	1948	4311	
Beaver Creek....	Reich, Otto.....	Albion.....	Pump.....	Irrig.....	.30	16	20	6	Boone.....	Feb.	11	1949	4433	
Beaver Creek....	Woodworth, Mark.....	Albion.....	Pump.....	Irrig.....	.14	16	20	6	Boone.....	Feb.	11	1950	4596	
Beaver Creek, Ravine, Trib. to	Choat, Nettie.....	Albion.....	Choat Reservoir.	Storage.....	†36	AF	4	19	5	Boone.....	Dec.	9	1949	4546
Bogus Creek....	Carter, Kenneth W.....	St. Edward....	Pump.....	Irrig.....	1.02	11	18	5	Boone.....	May	11	1937	2741	
Bogus Creek....	Hall, Edward C.....	St. Edward....	Pump No. 2.....	Irrig.....	.11	12	18	5	Boone.....	Sept.	5	1940	3255	
Calamus River...	Calamus Irrig. District.	Harrop.....	Calamus Canal.....	Irrig.....	121.18	5	24	20	Loup.....	Oct.	31	1925	1785	
Calamus River...	Calamus Irrig. District.	Harrop.....	Calamus Reservoir.....	Storage.....	†650	AF	5	24	20	Loup.....	June	8	1926	1816
Calamus River...	Calamus Irrig. District.	Harrop.....	Calamus Canal.....	Irrig.....	4.86	5	24	20	Loup.....	Jan.	12	1927	1883	
Calamus River...	Phillips, J. C., et al.	Burwell.....	Pump.....	Irrig.....	.53	25	25	21	Brown.....	June	13	1932	2273	
Calamus River...	Hesselgesser, Glen.....	Burwell.....	Pump.....	Irrig.....	.34	9	22	17	Loup.....	Oct.	28	1941	3527	
Calamus River...	Webb, H. H.....	Burwell.....	Pump.....	Irrig.....	.70	25	22	17	Loup.....	Apr.	26	1948	4249	
Calamus River...	Walford, R. B.....	Burwell.....	Pump.....	Irrig.....	.88	25	22	17	Loup.....	May	8	1948	4261	
Calamus River...	Boller, Henry E. and H. F.	Long Pine....	Pump.....	Irrig.....	1.89	6	25	21	Brown.....	Feb.	17	1949	4439	
						1	25	22	Brown.....	Feb.	17	1949	4439	
Cedar River.....	Consumers P. P. Dist..	Columbus....	Van Ackeren Plant.....	Power...	290.00	5	18	7	Boone.....	May	1	1881	1049	
Cedar River (See A-1686)	Consumers P. P. Dist..	Columbus....	Fullerton Plant.....	Power...	200.00	11	16	6	Nance.....	Sept.	9	1901	636	
Cedar River.....	Consumers P. P. Dist..	Columbus....	Ericson Plant.....	Power...	175.00	25	21	12	Wheeler....	May	24	1915	1415	
Cedar River.....	Consumers P. P. Dist..	Columbus....	Ericson Plant.....	Rs. Dam.	A-1415	25	21	12	Wheeler....	May	17	1929	2081	
Cedar River (See A-636)	Consumers P. P. Dist..	Columbus....	Fullerton Plant.....	Power...	250.00	11	16	6	Nance.....	Aug.	8	1922	1686	
Cedar River.....	Consumers P. P. Dist..	Columbus....	Fullerton Plant.....	Rs. Dam.	A-636	11	16	6	Nance.....	Jan.	27	1925	1758	
					A-1686									
Cedar River.....	Christensen, Chas.....	Fullerton....	Pump.....	Irrig.....	2.37	30	17	6	Nance.....	Sept.	29	1931	2240	
Cedar River.....	Dopslauf, Donald L.....	Houston, Texas	Pumps.....	Irrig.....	4.01	23	19	8	Boone.....	Feb.	14	1934	2364	
	Dopslauf, Bozena.....					24	19	8	Boone.....	Feb.	14	1934	2364	
Cedar River.....	Haggerty, John C.....	Spalding....	Pump.....	Irrig.....	.30	34	20	9	Greeley....	May	31	1934	2390	

*Application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Cedar River.....	Haggerty, John C.....	Spalding.....	Pump.....	Irrig.....	.76	34	20	9	Greeley.....	July	20	1936	2592	
Cedar River.....	Kinnier, Susan, et al.....	Spalding.....	Pump.....	Irrig.....	.57	28	20	9	Greeley.....	Aug.	17	1936	2617	
Cedar River.....	Dobson, W. H., et al.....	Cedar Rapids.....	Pump.....	Irrig.....	1.11	25	19	8	Boone.....	Feb.	24	1937	2702	
Cedar River.....	Dobson, W. H.....	Cedar Rapids.....	Pump.....	Irrig.....	.98	23	19	18	Boone.....	Feb.	24	1937	2702R	
Cedar River.....	Wise, Rudolph.....	Houston.....	Pump.....	Irrig.....	.65	17	19	8	Boone.....	Nov.	22	1937	2807	
Cedar River.....	Batenhorst, Mrs. Anna.....	Cedar Rapids.....	Pump.....	Irrig.....	2.00	15	18	7	Boone.....	Dec.	29	1937	2819	
Cedar River.....	Hilger, Lawrence W.....	Cedar Rapids.....	Pump.....	Irrig.....	.30	9	18	7	Boone.....	Jan.	25	1938	2830	
Cedar River.....	Dodd, Mary.....	Redondabeach.....	Pump.....	Irrig.....	.79	9	18	7	Boone.....	Jan.	25	1938	2830R	
Cedar River.....	Homan, John M.....	Cedar Rapids.....	Pump.....	Irrig.....	.81	9	18	7	Boone.....	Feb.	7	1938	2834	
Cedar River.....	Scott, Leonard A.....	Belgrade.....	Pump.....	Irrig.....	.89	1	17	7	Nance.....	Oct.	4	1938	2887	
Cedar River.....	Noble, Leah E.....	Lincoln.....	Pump.....	Irrig.....	.49	32	19	7	Boone.....	Nov.	19	1938	2895	
Cedar River.....	Cedar Valley Public Power and Irrig. Dist.	Cedar Rapids.....	Cedar Valley Canal.....	Irrig.....		5	20	10	Greeley.....	Apr.	24	1939	2916a*	
Cedar River.....	Cedar Valley Public Power and Irrig. Dist.	Cedar Rapids.....	Cedar Valley Canal.....	Irrig.....		5	20	10	Greeley.....	Apr.	24	1939	2916b*	
Cedar River.....	Cedar Valley Public Power and Irrig. Dist.	Cedar Rapids.....	Cedar Valley Canal.....	Irrig.....		22	19	8	Boone.....	Apr.	24	1939	2916c*	
Cedar River.....	Cedar Valley Public Power and Irrig. Dist.	Cedar Rapids.....	Cedar Valley Reservoir..	Storage...		4	20	11	Greeley.....	May	11	1939	2921*	
Cedar River.....	Hodges, Herbert and Herbert F.	Fullerton.....	Pump.....	Irrig.....	.23	31	17	6	Nance.....	Sept.	30	1939	2979	
Cedar River.....	Vanderheiden, Louis L.....	Cedar Rapids.....	Pump.....	Irrig.....	.41	5	18	7	Boone.....	Oct.	20	1939	2993	
Cedar River.....	Lowery, J. B.....	Burwell.....	Pump.....	Irrig.....	.29	21	24	14	Garfield.....	Nov.	22	1939	3027	
Cedar River.....	Palmer, George.....	Fullerton.....	Pump.....	Irrig.....	.15	33	17	6	Nance.....	Dec.	15	1939	3051	
Cedar River.....	Stanton and Young.....	Alliance, Ohio.....	Pumps.....	Irrig.....	.53	29	17	6	Nance.....	Jan.	8	1940	3071	
						33	17	6	Nance.....	Jan.	8	1940	3071	
Cedar River.....	Foland, Ona B.....	Anaheim, Cal.....	Pump.....	Irrig.....	.51	26	18	7	Boone.....	Aug.	17	1940	3233	
Cedar River.....	Swerczek, Walter.....	Cedar Rapids.....	Pump.....	Irrig.....	.91	31	19	7	Boone.....	Sept.	9	1940	3257	

Cedar River	Miller, Jacob, et al.	Primrose	Pump	Irrig.	1.51	17	19	8	Boone	Sept.	12	1940	3264
Cedar River	DeWulf, Gus	Cedar Rapids	Pump	Irrig.	.26	15	18	7	Boone	Oct.	24	1940	3309
Cedar River	Homan, Mat	Cedar Rapids	Pump	Irrig.	.20	31	19	7	Boone	Nov.	15	1940	3330
Cedar River	McKinney, Brayton F.	Spalding	Pump No. 1	Irrig.	.50	30	19	7	Boone	Feb.	14	1941	3390
Cedar River	Davis, William D.	Primrose	Pump	Irrig.	.69	25	19	8	Boone	Sept.	10	1941	3499
Cedar River	Homan, John M.	Cedar Rapids	Pump	Irrig.	.08	9	18	7	Boone	Mar.	11	1942	3559
Cedar River	Diessner, Magnus A.	Primrose	Pump	Irrig.	.58	1	19	9	Greeley	Sept.	16	1943	3650
Cedar River	Thompson, D. C.	Spalding	Pump	Irrig.	.59	34	20	9	Greeley	Sept.	22	1943	3654
Cedar River	Paalman, Arend J.	Cedar Rapids	Pump	Irrig.	.44	22	18	7	Boone	Oct.	20	1943	3660
Cedar River	Wise, Mrs. Marie	Houston	Pump	Irrig.	.58	25	19	8	Boone	Nov.	18	1943	3662
Cedar River	Campbell, H. V.	Belgrade	Pump	Irrig.	.49	35	18	7	Nance	Feb.	7	1944	3682
Cedar River	Burnside, Mrs. Fannie	Belgrade	Pump	Irrig.	.58	22	18	7	Boone	Feb.	10	1944	3685
Cedar River	Zabka, Chas., Estate	Belgrade	Pump	Irrig.	.24	35	18	7	Nance	Feb.	15	1944	3686
Cedar River	Walker, Fred G.	Cedar Rapids	Pump	Irrig.	.22	5	18	7	Boone	June	22	1944	3736
Cedar River	Casper, Jennie E.	Belgrade	Pump	Irrig.	.22	25	19	8	Boone	July	31	1944	3747
Cedar River	Dobson, W. H.	Cedar Rapids	Pump	Irrig.	.46	23	19	8	Boone	Aug.	16	1944	3752
Cedar River	McKinney, Brayton F.	Spalding	Pump	Irrig.	.09	30	19	7	Boone	Feb.	6	1945	3807
Cedar River	Ewing, Fred E.	Cedar Rapids	Pump	Irrig.	.80	30	19	7	Boone	Feb.	19	1945	3810
Cedar River	Smith, Eldon J.	Burwell	Pump	Irrig.	.52	4	20	11	Greeley	Feb.	4	1947	4030
Cedar River	Primrose, Wm.	Primrose	Pump	Irrig.	.64	8	19	8	Boone	Feb.	17	1947	4037
Cedar River	Weil, Billie A.	Ericson	Pump	Irrig.	.40	3	20	11	Greeley	Feb.	20	1947	4040
Cedar River	Scott, Leonard	Belgrade	Pump	Irrig.	.11	1	17	7	Nance	Mar.	29	1947	4055
Cedar River	Campbell, H. V.	Belgrade	Pump	Irrig.	.29	35	18	7	Nance	Mar.	31	1947	4058
Cedar River	Vosburgh, S. H., Est.	Belgrade	Pump	Irrig.	1.36	13	17	7	Nance	Mar.	31	1947	4059
Cedar River	Smith, Eldon J.	Burwell	Pump	Irrig.	.72	4	20	11	Greeley	Oct.	7	1947	4122
Cedar River	Bernt, John C.	Spalding	Pump No. 2	Irrig.	.19	6	20	10	Greeley	Nov.	14	1947	4145
Cedar River	McManigal, G. E.	Los Angeles	Pump	Irrig.	.81	26	18	7	Boone	Dec.	8	1947	4155
Cedar River	Lockhart, Gerald	Ericson	Pump	Irrig.	1.00	31	21	11	Wheeler	Jan.	2	1948	4164
Cedar River	Swanson, Max V.	Belgrade	Pump	Irrig.	.30	19	17	6	Nance	Feb.	14	1948	4208
Cedar River	Swerczek, Walter	Cedar Rapids	Pump	Irrig.	.17	31	19	7	Boone	July	10	1948	4304
Cedar River	Malander, Gerald	Belgrade	Pump	Irrig.	.40	12	17	7	Nance	Sept.	8	1948	4339
Cedar River	Channer, Chas. R.	Cedar Rapids	Pump	Irrig.	.46	35	18	7	Nance	Jan.	3	1949	4411

"R" Denotes relocation.
*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of • Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Cedar River.....	Toelle, Eugene H.....	Belgrade.....	Pump.....	Irrig.....	.16	1	17	7	Nance.....	Mar.	1	1950	4609
Cedar River.....	Hilger, Laurence.....	Cedar Rapids.	Pump.....	Irrig.....		9	18	7	Boone.....	Mar.	29	1950	4627
Clear Creek.....	Sherbeck, Albert I., Estate	Westerville...	Pumps.....	Irrig.....	4.13	5	16	17	Custer.....	Feb.	7	1927	1894
Clear Creek.....	Dean, Paul H.....	Broken Bow..	Pump.....	Irrig.....		4	16	17	Custer.....	Feb.	7	1927	1894
Clear Creek.....	Lowery, Maurice T.....	Mason City...	Pump.....	Irrig.....	2.43	36	16	17	Custer.....	Oct.	18	1927	1962
Clear Creek.....	Dean, Paul H.....	Broken Bow..	Pump.....	Irrig.....	1.11	1	15	17	Custer.....	Aug.	22	1928	2026
Clear Creek.....	Banker, Louis, Jr.....	Kanawha, Ia.	Pump.....	Irrig.....	2.00	22	16	17	Custer.....	Oct.	9	1928	2040
Clear Creek.....	Vansant and Scott.....	Ansley.....	Pump.....	Irrig.....	.13	36	14	18	Sherman...	Mar.	30	1934	2370
Clear Creek.....	Heapy, Albert.....	Litchfield...	Pump.....	Irrig.....	.96	27	17	18	Custer.....	Dec.	15	1938	2900
Clear Creek.....	Casteel, A.....	Ansley.....	Pump.....	Irrig.....	.15	10	14	16	Sherman...	Nov.	2	1939	3004
Clear Creek.....	Heapy, Albert.....	Litchfield...	Pump No. 2...	Irrig.....	.93	1	16	18	Custer.....	Dec.	12	1939	3049
Clear Creek.....	Kohls, L. J.....	Litchfield...	Pump.....	Irrig.....	.17	10	14	16	Sherman...	Jan.	9	1941	3364
Clear Creek.....	Cherry, John J.....	Litchfield...	Pump.....	Irrig.....	.13	4	14	16	Sherman...	May	3	1945	3829
Clear Creek.....	Packer, Darrell R.....	Litchfield...	Pump.....	Irrig.....	.18	33	15	16	Sherman...	Sept.	28	1945	3855
Clear Creek.....	Bernt, John C.....	Loup City.....	Pump.....	Irrig.....	.16	7	15	16	Sherman...	Feb.	10	1947	4031
Clear Creek.....	Vocke, W. L.....	Spalding.....	Pump No. 1...	Irrig.....	.16	6	20	10	Greeley...	Nov.	14	1947	4144
Clear Creek.....	Kusek, Vincent.....	Litchfield...	Pump.....	Irrig.....	.30	17	15	16	Sherman...	Jan.	6	1948	4167
Clear Creek.....	Cherry, John J.....	Loup City.....	Pump.....	Irrig.....	.15	17	15	16	Sherman...	June	19	1945	4292
Clear Creek.....	Burton, Delbert.....	Litchfield...	Pump No. 2...	Irrig.....	.35	33	15	16	Sherman...	June	21	1948	4294
Clear Creek.....	Johnson, Harold.....	Litchfield...	Pump.....	Irrig.....	.65	3	14	16	Sherman...	July	31	1948	4317
Clear Creek.....	Stephens, Roy E.....	Litchfield...	Pump.....	Irrig.....	.13	23	15	16	Sherman...	Feb.	17	1949	4437
Clear Creek, Ravine, Trib. to	Welsh, W. M., Mrs.	Lincoln.....	Welsh Reservoir.	Storage...	1.23	22	14	16	Sherman...	Feb.	17	1950	4602
#Clear Creek.....	Glaser, Louis N.....	Spalding.....	Pump.....	Irrig.....	†28 AF	36	17	18	Custer.....	May	2	1941	3437
Coble Reservoir..	Coble, Glen W.....	Whitman.....	High Line Canal.....	Supp. I...	.99	31	21	10	Wheeler...	June	7	1943	3616
					A-2525	20	28	35	Cherry.....	Oct.	10	1934	2574

Cold Spring Cr...	Ballweg, Michael.....	Spalding.....	Pump	Irrig.....	.84	11	20	10	Greeley.....	Mar.	14	1940	3118
Cold Spring Cr...	Glaser, Joseph.....	Spalding.....	Pump	Irrig.....	.85	14	20	10	Greeley.....	Sept.	11	1942	3586
Columbus Drain Ditch	Segelke, Bess.....	Columbus.....	Pump	Irrig.....	.54	8	17	1E	Platte.....	Mar.	5	1941	3408
Cotton Creek.....	Olsen, James.....	Farwell.....	Pump	Irrig.....	.12	6	14	11	Howard.....	Oct.	25	1940	3311
Cow Creek.....	Manning, Wm. H.....	Cascade.....	Homestead Canal.....	Irrig.....	2.29	7	26	27	Cherry.....	July	14	1894	194
Dane Creek.....	Krienwold, Earl J.....	Ord.....	Koupal Canal.....	Irrig.....	.14	20	19	14	Valley.....	July	5	1912	1207
Davis Creek.....	Christensen, Martin.....	Solvang, Cal.....	Pump	Irrig.....	.25	7	16	12	Howard.....	Aug.	4	1937	2769
Deer Creek.....	Eighmy, Mervin R.....	Lincoln.....	Pump	Irrig.....	1.00	8	13	19	Custer.....	Mar.	7	1946	3881
Deer Creek.....	Wood, Frank.....	Sumner.....	Pump	Irrig.....	1.72	8	13	19	Custer.....	Oct.	10	1946	3978
Dismal River ...	Van Antwerp, A. J., et al	Broken Bow...	Dismal Canal.....	Irrig.....		21	21	26	Thomas.....	Aug.	18	1938	2880*
Duck Creek.....	Bartunek, Edward.....	Linwood.....	Pump	Irrig.....	.41	23	17	4E	Butler.....	Sept.	23	1941	3509
Elm Creek.....	Stewart, Wayne E.....	Ord.....	Pump	Irrig.....	1.68	25	19	14	Valley.....	Sept.	30	1929	2107
Elm Creek.....	Rutar, Joe, Jr.....	Ord.....	Pump	Irrig.....	.16	24	19	14	Valley.....	June	12	1943	3619
Elm Creek.....	Rutar, Stanley.....	Ord.....	Pump	Irrig.....	.31	25	19	14	Valley.....	Dec.	21	1944	3789
Fish Creek.....	Bollsen, Chris.....	Cotesfield.....	Pumps	Irrig.....	.15	1	16	12	Howard.....	Dec.	19	1940	3355
						6	16	11	Howard.....	Dec.	19	1940	3355
Goose Creek.....	Erickson, P. C. and J. M.	Brewster.....	Erickson Canal.....	Irrig.....	8.00	18	25	24	Brown.....	Apr.	3	1895	209
Goose Creek.....	Giles, R. P., et al.....	Elsmere.....	Giles Canal.....	Irrig.....	10.00	2	25	25	Cherry.....	June	1	1895	187
Goose Creek.....	Crook, F.....	Giles.....	Crook Canal.....	Irrig.....	6.80	33	25	24	Brown.....	June	2	1896	345
Goose Creek.....	Fink, C. E.....	Elsmere.....	Empire Ranch Canal.....	Irrig.....	1.62	35	26	25	Cherry.....	June	11	1934	2405

†Reservoir capacity alleged by applicant.

#Clear Creek in Wheeler County is a different stream than Clear Creek in Sherman and Custer Counties.

Supp. I. Denotes storage water in addition to direct flow.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Gracie Creek . . .	Shoemaker, A. E.	Burwell.	Gracie High Line Canal.	Irrig.	29	29	23	17	Loup.	July	9	1897		397
Ground Water . . .	Myers, Morris E.	Eddyville.	Myers Well	Irrig.	16	14	20		Custer.	Sept.	3	1940		3253*
Ground Water . . .	The Prudential Ins. Co.	Omaha.	Prudential Well	Irrig.	21	18	2E		Colfax.	July	25	1941		3468*
Ground Water . . .	The Prudential Ins. Co.	Omaha.	Prudential Well	Irrig.	6	15	18		Custer.	July	25	1941		3469*
Ground Water . . .	The Prudential Ins. Co.	Omaha.	Prudential Well	Irrig.	21	18	2E		Colfax.	July	25	1941		3470*
Ground Water . . .	Lewin, Inez F.	Arcadia.	Lewin Well	Irrig.	36	17	17		Custer.	Oct.	6	1941		3514*
Ground Water . . .	Craft, Burt	North Loup.	Craft Well	Irrig.	6	17	12		Greeley.	Jan.	11	1943		3593*
Ground Water . . .	Tomek, Phillip A.	David City.	Tomek Well	Irrig.	12	16	2		Butler.	Apr.	9	1943		3605*
Ground Water . . .	Patterson, Kenneth O.	Primrose.	Patterson Well	Irrig.	15	19	8		Boone.	Oct.	7	1943		3657*
Ground Water . . .	Patterson, Catherine	Primrose.	Patterson Well	Irrig.	4	19	8		Boone.	Oct.	7	1943		3658*
Ground Water . . .	Benham, Emma L.	Albion.	Benham Well	Irrig.	31	19	7		Boone.	Oct.	15	1943		3659*
Ground Water . . .	Rinder, H. A.	Columbus.	Rinder Well	Irrig.	19	19	2		Platte.	Feb.	16	1944		3687*
Ground Water . . .	Bryan, Laurence M.	St. Edward.	Bryan Well	Irrig.	28	19	5		Boone.	Feb.	16	1944		3688*
Ground Water . . .	Nielsen, E. M.	Columbus.	Nielsen Well	Irrig.	33	17	1		Platte.	May	12	1944		3726*
Ground Water . . .	Choat, Elmer	St. Edward.	E. Choat Well.	Irrig.	16	19	5		Boone.	Sept.	7	1944		3764*
Ground Water . . .	Choat, M. L.	St. Edward.	Choat Well	Irrig.	4	19	5		Boone.	Sept.	9	1944		3765*
Ground Water . . .	Choat, Clarence	St. Edward.	Choat Well	Irrig.	28	19	5		Boone.	Jan.	31	1945		3804*
Ground Water . . .	Fisher, Marion	Albion.	Fisher Well	Irrig.	29	19	5		Boone.	Oct.	25	1946		3989*
Ground Water . . .	Johnson, Zongar	St. Edward.	Johnson Well	Irrig.	32	19	5		Boone.	Oct.	31	1946		3995*
Ground Water . . .	Parrott, George	Albion.	Parrott Well	Irrig.	33	19	5		Boone.	Nov.	20	1946		4008*
Ground Water . . .	Packer, Darrell R.	Loup City.	Packer Well	Irrig.	7	15	16		Sherman.	Feb.	10	1947		4032*
Ground Water . . .	Cosner, John	Sargent.	Cosner Well	Irrig.	27	20	18		Custer.	June	13	1947		4081*
Ground Water . . .	Fellows, Oliver W.	Sargent.	Fellows Well	Irrig.	34	20	18		Custer.	Aug.	21	1947		4099*
Ground Water . . .	Mares, Victor	Schuyler.	Mares Well	Irrig.	31	18	4		Colfax.	Oct.	9	1947		4124*
Ground Water . . .	Slangal, Frank, et al.	Sargent.	Slangal Well	Irrig.	27	20	18		Custer.	Jan.	12	1948		4179*
Ground Water . . .	Jensen, Christ.	Fullerton.	Jensen Well No. 1.	Irrig.	5	15	5		Nance.	Jan.	21	1948		4187*
Ground Water . . .	Wolf, Robert F. and James M.	Albion.	Wolf Well.	Irrig.	15	20	6		Boone.	Feb.	5	1948		4201*

Ground Water....	Wolf, Robert F. and James M.	Albion.....	Wolf Well.....	Irrig.....	15	20	6	Boone.....	Feb.	5	1948	4202*		
Ground Water....	Semler, G. R.....	Sargent.....	Semler Well.....	Irrig.....	3	19	18	Custer.....	Feb.	25	1948	4214*		
Ground Water....	Grint, Harold.....	Sargent.....	Grint Well.....	Irrig.....	9	19	17	Custer.....	Apr.	20	1948	4247*		
Ground Water....	Urban, Willie.....	Comstock.....	Urban Well.....	Irrig.....	31	18	16	Valley.....	May	3	1948	4256*		
Ground Water....	Morback, Joseph J.....	Bellwood.....	Morback Well.....	Irrig.....	27	16	2E	Butler.....	May	3	1948	4258*		
Ground Water....	Johnson, L. O.....	Sweetwater.....	Johnson Well.....	Irrig.....	36	13	15	Sherman.....	July	19	1948	4308*		
Ground Water....	Johnson, J. Victor.....	Sweetwater.....	Johnson Well.....	Irrig.....	35	13	15	Sherman.....	Aug.	23	1948	4330*		
Ground Water....	Lindly Brothers.....	Anselmo.....	Lindly Bros. Well.....	Irrig.....	22	19	22	Custer.....	Sept.	8	1948	4336*		
Ground Water....	Fowler, Evon W.....	Arcadia.....	Fowler Well.....	Irrig.....	19	16	15	Sherman.....	Feb.	23	1949	4440*		
Ground Water....	Wozniak, Floyd.....	Elyria.....	Wozniak Well.....	Irrig.....	35	20	15	Valley.....	Mar.	8	1949	4447*		
Ground Water....	Holmes, Ted W.....	Milburn.....	Holmes Well.....	Irrig.....	30	20	20	Custer.....	Mar.	28	1949	4453*		
Ground Water....	Kuck, Erick.....	St. Libory.....	Kuck Well.....	Irrig.....	35	13	9	Howard.....	Aug.	30	1949	4507*		
Ground Water....	Reubenthaler, Clarence B.....	Scotia.....	Reubenthaler Well.....	Irrig.....	32	18	12	Greeley.....	Dec.	10	1949	4547*		
Ground Water....	Stone, Everett E.....	Sargent.....	Stone Well.....	Irrig.....	31	20	19	Custer.....	Jan.	3	1950	4563*		
Ground Water....	Smith, Opal L.....	Broken Bow.....	Smith Well No. 1.....	Irrig.....	6	16	19	Custer.....	Apr.	27	1950	4654*		
Ground Water....	Smith, Emmett M.....	Broken Bow.....	Smith Well No. 2.....	Irrig.....	6	16	17	Custer.....	Apr.	27	1950	4655*		
Ground Water....	Dewey, Alan S., Sr.....	Gates.....	Dewey Well.....	Irrig.....	4	19	20	Custer.....	June	1	1950	4687*		
Hawthorne Creek.	Hughes, Ralph.....	Arcadia.....	Pump.....	Irrig.....	.37	26	17	16	Valley.....	Jan.	8	1946	3862	
Homan Creek....	Homan, Matt.....	Cedar Rapids.....	Pump.....	Irrig.....	1.40	31	19	7	Boone.....	Jan.	6	1938	2820	
Lake Creek.....	Toman, Joseph C.....	St. Paul.....	Toman Lake.....	Resort.....	†15	AF	36	15	10	Howard.....	Nov.	11	1936	2658
Lake McAllister.	Engell, Rose.....	Richland.....	Pump.....	Irrig.....	32	17	2E	Colfax.....	July	15	1950	4726		
Lee Creek.....	Lewin, Inez F.....	Arcadia.....	Lewin Reservoir.....	Storage.....	†49	AF	19	17	16	Valley.....	June	7	1946	3913
Lillian Creek....	Davis, Frank J.....	Broken Bow.....	Pump.....	Irrig.....	4.90	1	19	20	Custer.....	Feb.	7	1927	1895	
Lillian Creek....	Phillips, Seba E.....	Broken Bow.....	Myers Canal.....	Irrig.....	.11	15	19	20	Custer.....	Aug.	30	1927	1956	
Looking Glass Cr.	Gerrard, E. A. and F. H.	Monroe.....	Monroe Canal.....	Irrig.....	2.86	1	17	3	Platte.....	June	12	1894	289	

†Reservoir capacity alleged by applicant.
*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority	Doc. No.	App. No.		
						S	T	R				County	Mo.	D	Yr.
Looking Glass Cr.	Christman, Minnie.....	Monroe.....	Pump.....	Irrig.....	.94	5	17	3	Platte.....	July	26	1941	3472
Loseke Creek.....	Klug, Arthur and Emil..	Columbus.....	Pump.....	Irrig.....	.27	13	18	1E	Platte.....	Nov.	2	1939	3005
Lost Creek (Warm Slough)	Kolouch, Fred.....	Schuyler.....	Pump.....	Irrig.....	1.30	28	17	3E	Colfax.....	Oct.	12	1928	2041
Lost Creek (Slough)	Ballou, James.....	Schuyler.....	Ballou Lake.....	Resort.....	†14 AF	29	17	3E	Colfax.....	June	11	1934	2406
Lost Creek.....	Ballou, James.....	Schuyler.....	Pump.....	Irrig.....	.91	29	17	3E	Colfax.....	Aug.	28	1936	2628
Lost Creek.....	City of Schuyler.....	Schuyler.....	Community Park Lake..	Resort.....	†15 AF	21	17	3E	Colfax.....	May	15	1937	2742
Lost Creek.....	Oehlrich, Herman, et al.	Columbus.....	Pump.....	Irrig.....	.76	20	17	2E	Colfax.....	Nov.	15	1939	3018
Lost Creek.....	Siefken, John H.....	Columbus.....	Pump.....	Irrig.....	.25	30	17	2E	Colfax.....	Dec.	15	1939	3054
Lost Creek.....	Hellbusch, Herman.....	Columbus.....	Pump.....	Irrig.....	.57	18	17	1E	Platte.....	Dec.	18	1939	3059
Lost Creek.....	Shuster, Leonard.....	Schuyler.....	Pump.....	Irrig.....	1.66	23	17	3E	Colfax.....	Sept.	17	1941	3507
Lost Creek.....	Sheldon, Blanche.....	Columbus.....	Pump.....	Irrig.....	.69	11	17	1	Platte.....	May	9	1944	3724
Lost Creek.....	Burley, Lowell.....	Columbus.....	Pump.....	Irrig.....	.64	30	17	2E	Colfax.....	July	28	1947	4088
Lost Creek.....	Nelson, Roy.....	Schuyler.....	Pump.....	Irrig.....	.70	27	17	2E	Colfax.....	Aug.	11	1947	4092
Lost Creek.....	Oberg, Geo. A.....	Schuyler.....	Pump.....	Irrig.....	2.35	21	17	2E	Colfax.....	July	18	1949	4488
Loup River.....	Loup River Public Power District	Columbus.....	Columbus-Genoa Power Canal	Power.....	3500.00	6	16	4	Nance.....	Sept.	15	1932	2287**
Loup River.....	Loup River Public Power District	Columbus.....	Columbus-Genoa Power Canal	Increase Head	A-2287	6	16	4	Nance.....	Apr.	4	1936	2573
Loup River.....	Forbes, Everett.....	Palmer.....	Pump.....	Irrig.....	.16	16	15	8	Nance.....	Oct.	18	1939	2989
Loup River.....	Sheldon, Charles H.....	Columbus.....	Pump No. 2.....	Irrig.....	.15	25	17	1	Platte.....	Nov.	4	1939	3008
Loup River.....	Carter, Kathryn.....	South Pasadena	Columbus-Genoa Power Canal	Irrig.....	.70	6	16	4	Nance.....	Feb.	23	1940	3093

Loup River	Forbes, Mrs. J. A.	Palmer	Pump	Irrig.	.57	16	15	8	Nance	June	4	1940	3171
Loup River	Santin and Vaughn	Fullerton	Pump	Irrig.	2.30	6	15	6	Nance	Aug.	8	1940	3227
Loup River	Paulsen, G. W.	Cushing	Pump	Irrig.	.29	12	15	9	Howard	May	7	1941	3440
Loup River	Swanson, J. S.	St. Paul	Pump	Irrig.	1.59	32	14	10	Howard	Nov.	22	1941	3533
Loup River	Schubert, Max Franz	Palmer	Pump	Irrig.	.16	7	15	8	Merrick	Jan.	8	1942	3543
Loup River	Twin Valley Irrigation Association	St. Paul	St. Paul Reservoir	Storage		9	15	9	Howard	June	28	1944	3740*
Loup River	Luchsinger, Ernest	Columbus	Columbus-Genoa Power Canal	Irrig.	1.23	6	16	4	Nance	June	9	1947	4079
Loup River	Cook, Otto	Columbus	Columbus-Genoa Power Canal	Irrig.		6	16	4	Nance	Sept.	8	1948	4340
Loup River	Forbes, Robert, et al.	Palmer	Pump	Irrig.	3.79	15	15	8	Nance	Oct.	18	1948	4353
Loup River	Blaser, Orville G.	Columbus	Columbus-Genoa Power Canal	Irrig.		6	16	4	Nance	Feb.	11	1950	4594
Loup River, Slough, Trib. to	Hunter, Helen S.	Columbus	Pump	Irrig.	.29	15	17	1	Platte	June	22	1944	3735
Loup R., Middle (See A-1224)	Consumers P. P. Dist.	Columbus	Lundy Power Plant	Power	200.00	9	19	19	Custer	Aug.	1	1886	1024
Loup R., Middle	Muhlbach, Fred	Mullen	Mullen Power Plant	Power	124.00	6	24	32	Hooker	Mar.	12	1912	1185
Loup R., Middle	St. Paul Elec. Works	St. Paul	St. Paul Plant	Power	2000.00	3	14	10	Howard	Aug.	12	1912	1216
Loup R., Middle (See D-1024)	Consumers P. P. Dist.	Columbus	Lundy Power Plant	Power	400.00	9	19	19	Custer	Sept.	16	1912	1224
Loup R., Middle	U. S. of America	Halsey	Bessey Nursery Canal	Irrig.	1.00	3	22	26	Thomas	Sept.	16	1912	1226
Loup R., Middle	Holmes, Ted W., et al.	Milburn	Loup Valley Canal	Irrig.	.86	36	20	21	Custer	May	31	1913	1294
Loup R., Middle	Consumers P. P. Dist.	Columbus	Boelus Power Canal	Power	1000.00	30	13	12	Howard	July	14	1914	1373
Loup R., Middle	C. B. & Q. R. R. Co.	Lincoln	Seneca Pipe Line	Domestic	.50	18	24	30	Thomas	Dec.	28	1914	1396
Loup R., Middle	Knapp, Harry R.	Broken Bow	Pump	Irrig.	5.49	32	15	14	Sherman	July	18	1927	1943
Loup R., Middle	Klausen, Earl, et al.	Rockville	Klausen Canal	Irrig.	2.17	36	14	14	Sherman	Aug.	14	1929	2095
Loup R., Middle	Kowalski, Mary	Loup City	John Canal	Irrig.	.59	18	15	14	Sherman	Sept.	18	1929	2105

†Reservoir capacity alleged by applicant.

**By stipulation entered into by each of the following districts: The Loup Public Power District is subsequent in priority to Application 2293 filed by the Middle Loup Public Power and Irrigation District, and Application 2312 filed by the North Loup River Public Power and Irrigation District. See Supreme Court Opinion Number 31410.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Loup R., Middle.	Obermiller, John H.	Boelus	Pump	Irrig. ....	.97	28	13	12	Howard	May	7	1930	2139
Loup R., Middle.	Haesler, John	Loup City	Pump	Irrig.	1.75	13	15	15	Sherman	July	27	1931	2222
Loup R., Middle.	U. S. Forest Service....	Halsey	Bessey Nursery Canal..	Irrig. ....	.30	3	22	26	Thomas	July	30	1931	2223
Loup R., Middle.	Middle Loup Public Power & Irrig. Dist.	Arcadia	Canal No. 1 (South)....	Irrig.	26.83	10	19	18	Custer	Dec.	28	1932	2293**
			Canal No. 2 (North)....	Irrig.	61.00	10	19	18	Custer	Dec.	28	1932	2293**
			Canal No. 3	Irrig.	126.60	1	17	17	Custer	Dec.	28	1932	2293**
			Canal No. 4	Irrig.	84.58	36	18	17	Custer	Dec.	28	1932	2293**
Loup R., Middle.	Books, William J.	Broken Bow	Pump	Irrig.	1.36	36	20	21	Custer	July	8	1933	2330
Loup R., Middle.	Leininger, John P.	Loup City	Pump	Irrig. ....	.93	12	15	15	Sherman	June	2	1934	2395
Loup R., Middle.	McMillan, Thos. Wright, et al	Milburn	Rankin Canal	Irrig.	14.59	4	21	23	Blaine	Sept.	22	1934	2477
Loup R., Middle.	McMillan, Thos. Wright, et al	Milburn	McMillan Canal	Irrig.	6.97	23	21	22	Blaine	Sept.	22	1934	2477R
Loup R., Middle.	Middle Loup Public Power & Irrig. Dist.	Arcadia	Canal No. 1 (South)....	Irrig.	3.00	10	19	18	Custer	Jan.	4	1937	2678
			Canal No. 2 (North)....	Irrig.	7.93	10	19	18	Custer	Jan.	4	1937	2678
			Canal No. 3	Irrig.	4.00	1	17	17	Custer	Jan.	4	1937	2678
			Canal No. 4	Irrig.	14.68	36	18	17	Custer	Jan.	4	1937	2678
Loup R., Middle.	McMillan, Thos. Wright, et al	Milburn	McMillan Canal	Irrig.	8.21	23	21	22	Blaine	Oct.	22	1937	2797
Loup R., Middle.	Vandeventer, A.	Dunning	Pump	Irrig.	1.10	30	22	24	Blaine	Oct.	7	1938	2888
Loup R., Middle.	Sargent Public Irrig. District	Sargent	Milburn-Sargent Canal..	Irrig.	109.74	15	21	22	Blaine	Sept.	23	1939	2970
Loup R., Middle.	Drobny, Lad.	Martin, S. D.	Pump	Irrig.	1.28	35	18	17	Custer	Oct.	23	1939	2995
Loup R., Middle.	Game, Forestation and Parks Commission	Lincoln	Loup City State Lake...	Resort....	†140 AF	11	15	15	Sherman	Dec.	15	1939	3052
Loup R., Middle (Broadmouth Canyon)	Sargent Public Irrig. District	Sargent	Broudmouth Reservoir..	Storage..	†1334 AF	15	21	22	Blaine	Mar.	6	1940	3105

Loup R., Middle (Winnegar Canyon)	Sargent Public Irrig. District	Sargent.....	Winnegar Reservoir	Storage...	†1530 AF	15	21	22	Blaine.....	Mar.	6	1940	3106
Loup R., Middle..	Coslor, Earl A.....	Sargent.....	Doris Lake Canal.....	Irrig.....	1.23	9	19	19	Custer.....	June	25	1940	3190
Loup R., Middle..	Ogle, Arthur C.....	Loup City.....	Pump	Irrig.....	.31	4	14	14	Sherman.....	Sept.	3	1940	3250
Loup R., Middle..	Fisher, Hattie.....	Ravenna.....	Pump	Irrig.....	.36	25	13	13	Sherman.....	Oct.	24	1940	3307
Loup R., Middle..	Hedglin, E. L., Estate.	Eddyville.....	Pump	Irrig.....	.28	27	13	12	Howard.....	Dec.	2	1940	3338
Loup R., Middle..	Bals, Herbert H.....	Loup City.....	Pump	Irrig.....	.42	16	14	14	Sherman.....	Jan.	15	1941	3368
Loup R., Middle..	Lemburg, W. H.....	Boelus.....	Pump	Irrig.....	.49	29	13	11	Howard.....	Jan.	8	1942	3542
Loup R., Middle..	Hadenfeldt, Wm. Mrs..	Dannebrog.....	Pump	Irrig.....	.19	25	13	11	Howard.....	June	10	1942	3575
Loup R., Middle..	Leonard, Jess Calvin, Estate	Oklahoma City, Okla.	Pump	Irrig.....	.09	10	19	18	Custer.....	Jan.	8	1944	3669
Loup R., Middle..	Ohme, Otto F.....	Mitchell.....	Pump	Irrig.....	2.19	1	17	17	Custer.....	Mar.	27	1944	3703
Loup R., Middle..	Seeber, Henry T.....	Boelus.....	Pump	Irrig.....	.40	29	13	12	Howard.....	Apr.	4	1944	3708
Loup R., Middle..	Twin Valley Irrig. Ass'n.	St. Paul.....	Fullerton South Canal..	Irrig.....	.36	15	10		Howard.....	June	28	1944	3739*
Loup R., Middle..	Hunkins, Ivan.....	Comstock.....	Pump	Irrig.....	.23	18	17		Custer.....	Feb.	6	1945	3806*
Loup R., Middle..	Dainton, F. Archie.....	Sargent.....	Pump	Irrig.....	.50	10	19	19	Custer.....	Aug.	5	1946	3939
Loup R., Middle..	Middle Loup Public Power & Irrig. Dist.	Arcadia.....	Canal No. 1 (South).....	Irrig.....	10	19	18		Custer.....	Oct.	11	1946	3979a*
			Canal No. 2 (North).....	Irrig.....	10	19	18		Custer.....	Oct.	11	1946	3979b*
			Canal No. 3.....	Irrig.....	1	17	17		Custer.....	Oct.	11	1948	3979c*
			Canal No. 4.....	Irrig.....	36	18	17		Custer.....	Oct.	11	1946	3979d*
Loup R., Middle..	Middle Loup Public Power & Irrig. Dist.	Arcadia.....	Canal No. 1 (South).....	Irrig.....	10	19	18		Custer.....	Oct.	11	1946	3981a*
			Canal No. 2 (North).....	Irrig.....	10	19	18		Custer.....	Oct.	11	1946	3981b*
			Canal No. 3.....	Irrig.....	1	17	17		Custer.....	Oct.	11	1946	3981c*
			Canal No. 4.....	Irrig.....	36	18	17		Custer.....	Oct.	11	1946	3981d*
Loup R., Middle..	Nebraska Mid-State Pub. Power & Irrig. Dist.	Grand Island..	Rockville Reservoir.....	Storage...	8	13	13		Sherman.....	Jan.	6	1947	4019*
Loup R., Middle..	Paulsen, Raymond E.....	St. Paul.....	Pump	Irrig.....	.11	10	14	10	Howard.....	Feb.	18	1947	4038
Loup R., Middle..	Coslor, Earl A.....	Sargent.....	Pump	Irrig.....		3	19	19	Custer.....	Apr.	14	1947	4068*
Loup R., Middle..	Visek, Ludvik.....	Comstock.....	Middle Loup District.....	Irrig.....	.96	10	19	18	Custer.....	Oct.	22	1947	4131
Loup R., Middle..	Baille, Earl C.....	Loup City.....	Canal No. 2.....	Pump		27	16	15	Sherman.....	Oct.	13	1948	4352*

*Application pending.

"R" Denotes relocation.

†Reservoir capacity alleged by applicant.

**By stipulation entered into by each of the following districts: The Loup Public Power District is subsequent in priority to Application 2298 filed by the Middle Loup Public Power and Irrigation District, and Application 2312 filed by the North Loup River Public Power and Irrigation District. See Supreme Court Opinion Number 31410.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Loup R., Middle.	Leininger, Wm. A.	Arcadia	Middle Loup District Canal No. 3	Irrig.	.98	1	17	17	Custer	Nov.	8	1948	4360
Loup R., Middle.	Christensen, Alvin	St. Paul	Pump	Irrig.	1.90	25	13	12	Howard	Nov.	24	1948	4375
Loup R., Middle.	Purdum, Kenneth	Theford	Pump	Irrig.	.67	31	24	29	Thomas	Dec.	27	1948	4407
Loup R., Middle.	Farwell Irrig. Unit.	Dannebrog	Farwell Canal	Irrig.	.36	18	17		Custer	Jan.	18	1949	4423*
Loup R., Middle.	Russell, A. M.	Gates	Pump	Irrig.	.47	32	20	20	Custer	Aug.	8	1949	4437
Loup R., Middle.	Kunze, Walter E.	St. Paul	Pump	Irrig.	.81	24	15	10	Howard	Aug.	9	1949	4498
Loup R., Middle.	Ballard, Wm. L.	Theford	Pump	Irrig.	.53	9	23	28	Thomas	Dec.	31	1949	4561
Loup R., Middle.	Paul, Robert T.	St. Paul	Pump	Irrig.		10	14	10	Howard	Mar.	18	1950	4622*
Loup R., Middle.	Robinson, Floyd L.	Theford	Pump	Irrig.		12	23	29	Thomas	Mar.	27	1950	4626
Loup R., Middle.	Kiser, John D.	St. Paul	Pump	Irrig.	1.24	28	14	10	Howard	May	5	1950	4672
Loup R., Middle Slough, Trib. to	Smedra, Ignac	Rockville	Pump	Irrig.	.41	16	14	14	Sherman	Sept.	30	1946	3971
Loup R., Middle Ravine, Trib. to	White, Allen	St. Paul	White Reservoir	Storage	†35 AF	5	14	10	Howard	Oct.	29	1940	3313
Loup R., Middle Springs, Trib. to	Ash, Silas	Comstock	Middle Loup District Canal No. 1	Irrig.	.34	10	19	18	Custer	Dec.	11	1939	3044R
Loup R., Middle Springs, Trib. to	Erikson, G. Iver	Comstock	Pump	Irrig.	.73	15	18	17	Custer	Apr.	17	1944	3714
Loup R., North.	Naab, J. Peter	Burwell	Pump	Irrig.	1.40	28	21	17	Loup	Aug.	3	1929	2091
Loup R., North.	Anderson Brothers Irrig. Company	Hastings	Pump	Irrig.	5.17	7	15	9	Howard	Apr.	5	1930	2131
Loup R., North.	Smith, Evet A., et al.	Ord	Pump	Irrig.	2.25	9	19	14	Valley	Aug.	6	1930	2154
Loup R., North.	Mortensen, Crawford J.	Ord	Taylor-Ord Canal	Irrig.	1.94	13	21	19	Loup	Aug.	8	1930	2155

Loup R., North..	Stewart, Wm. J.....	Ord.....	Pump.....	Irrig.....	.54	9 19 14	Valley.....	Aug.	11 1930	2158
Loup R., North..	Jorgensen and Jensen...	St. Paul..	Pump.....	Irrig.....	.83	16 15 10	Howard.....	Nov.	26 1930	2178
Loup R., North..	Sailing, Ira L.....	St. Paul..	Pump.....	Irrig.....	.86	7 15 9	Howard.....	Jan.	14 1931	2187
Loup R., North..	Cox, R. K.....	Furdum..	Pumps.....	Irrig.....	4.87	9 24 25	Blaine.....	Feb.	25 1932	2255
						16 24 25	Blaine.....	Feb.	25 1932	2255
Loup R., North..	Newton Irrig. District..	Moulton..	Newton Canal	Irrig.....	19.28	35 23 21	Blaine.....	Mar.	18 1932	2263
Loup R., North..	North Loup River	Ord.....	Taylor-Ord Canal	Irrig.....	120.18	13 21 19	Loup.....	Mar.	28 1933	2312**
	Public Power and		Ord-North Loup Canal.	Irrig.....	55.65	22 19 14	Valley.....	Mar.	28 1933	2312**
	Irrig. District		Burwell-Sumter Canal..	Irrig.....	61.85	14 21 16	Garfield..	Mar.	28 1933	2312**
Loup R., North..	McOstrich, Darrell B...	Ord.....	Pump.....	Irrig.....	.32	30 19 13	Valley.....	Mar.	28 1933	2312R**
Loup R., North..	Tetschner, Frank.....	Burwell..	Pump.....	Irrig.....	.21	14 21 16	Garfield..	May	24 1933	2323
Loup R., North..	City of Ord.....	Ord.....	Pipe Line.....	Domestic.	1.00	22 19 14	Valley.....	Jan.	5 1934	2349
Loup R., North..	Britton, C. L., et al....	Burwell..	Taylor-Ord Canal.	Irrig.....	1.31	13 21 19	Loup.....	July	6 1934	2417
Loup R., North..	Goehring, Raymond C....	Burwell..	Pump.....	Irrig.....	.65	11 21 16	Garfield..	July	14 1934	2427
Loup R., North..	Ford, Chas. F.....	Taylor..	Pump.....	Irrig.....	.74	20 21 18	Loup.....	Aug.	6 1934	2455
Loup R., North..	Wake, Thos. H.....	Seward..	Pump.....	Irrig.....	1.00	26 21 18	Loup.....	Aug.	20 1934	2467
Loup R., North..	Almeria Public Power	Almeria..	Almeria Canal.	Irrig.....	12.09	10 22 20	Loup.....	Aug.	28 1934	2469
	and Irrig. District									
Loup R., North..	Coble, Glen W.....	Whitman..	Coble Canal.....	Irrig.....	.48	20 28 35	Cherry.....	Oct.	10 1934	2485
Loup R., North..	Coble, Glen W.....	Whitman..	Coble Reservoir.....	Storage.	†41 AF	20 28 35	Cherry.....	Oct.	10 1934	2486
Loup R., North..	Miller, Clinton J.....	Ord.....	Krebs Canal.....	Irrig.....	1.75	27 17 12	Greeley....	Feb.	26 1935	2520
Loup R., North..	Coble, Glen W.....	Whitman..	High Line Canal.....	Irrig.....	1.32	20 28 35	Cherry.....	Mar.	12 1935	2525
Loup R., North..	Ferguson, Robert W.....	Brewster..	Pump.....	Irrig.....	1.32	36 23 21	Blaine.....	Sept.	8 1936	2635
Loup R., North..	Wells and Kirkpatrick...	Cotesfield.	Pump.....	Irrig.....	.12	12 16 12	Howard.....	Nov.	14 1936	2660
Loup R., North..	Rusho, Robert.....	Taylor..	Pump.....	Irrig.....	1.11	33 22 19	Loup.....	Apr.	8 1937	2729
Loup R., North..	Pemberton, Jas. H., Est.	Palmer..	Pump.....	Irrig.....	.46	2 16 12	Howard.....	Sept.	27 1937	2790
Loup R., North..	Jensen, Bryan.....	St. Paul..	Pump.....	Irrig.....	.11	16 15 10	Howard.....	Nov.	27 1937	2808
Loup R., North..	Van Diest, A. C. Estate	Taylor..	Newton Canal.....	Irrig.....	2.22	35 23 21	Blaine.....	Apr.	26 1938	2863
Loup R., North..	Almeria Public Power	Almeria..	Almeria Canal.....	Irrig.....	13.65	10 22 20	Loup.....	Apr.	29 1938	2868
	and Irrig. District									
Loup R., North..	Britton, C. L., et al....	Burwell..	Almeria Canal.....	Irrig.....	6.46	10 22 20	Loup.....	Apr.	30 1938	2869
Loup R., North..	Van Diest, A. C. Estate	Taylor..	Pump.....	Irrig.....	.89	24 21 17	Loup.....	May	12 1938	2874

†Reservoir capacity alleged by applicant.

"R" Denotes relocation.

*Denotes application pending.

**By stipulation entered into by each of the following districts: The Loup Public Power District is subsequent in priority to Application 2293 filed by the Middle Loup Public Power and Irrigation District, and Application 2312 filed by the North Loup River Public Power and Irrigation District. See Supreme Court Opinion Number 31410.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Loup R., North..	Newton Irrig. Dist.....	Moulton.....	Newton Canal.....	Irrig.....	.86	35	23	21	Blaine.....	May	29	1939	2927
Loup R., North..	Wegner, F. C.....	Palmer.....	Pump.....	Irrig.....	.70	22	17	12	Greeley.....	Nov.	29	1939	3032
Loup R., North..	Lakin, Glenn C.....	Burwell.....	Pump.....	Irrig.....	.24	14	21	16	Garfield.....	Apr.	15	1940	3137
Loup R., North..	City of Ord.....	Ord.....	Bussell Park Lake.....	Resort.....		13	21	19	Loup.....	Apr.	27	1940	3144*
Loup R., North..	McOstrich, Darrell B.....	Ord.....	Pump.....	Irrig.....	.22	30	19	13	Valley.....	June	4	1940	3177
Loup R., North..	North Loup River Public Power and Irrig. District	Ord.....	Taylor-Ord Canal.....	Irrig.....		13	21	19	Loup.....	July	25	1940	3215a*
			Burwell-Sumpter Canal.....	Irrig.....		14	21	16	Garfield.....	July	25	1940	3215b*
			Ord-North Loup Canal.....	Irrig.....		22	19	14	Valley.....	July	25	1940	3215c*
Loup R., North..	Anderson, Carl F.....	Elba.....	Pump.....	Irrig.....	.25	17	15	10	Howard.....	Sept.	1	1942	3584
Loup R., North..	Jensen, Bennie, et al.....	North Loup.....	Ord-North Loup Canal.....	Irrig.....	.47	22	19	14	Valley.....	Jan.	12	1944	3672
Loup R., North..	Meyers, Charles.....	Burwell.....	Burwell-Sumpter Canal.....	Irrig.....		14	21	16	Garfield.....	Mar.	9	1944	3697*
Loup R., North..	Thomas, Vernon M.....	North Loup.....	Pump.....	Irrig.....	.29	19	18	12	Greeley.....	June	13	1944	3730
Loup R., North..	Twin Valley Irrig. Ass'n.	St. Paul.....	Scotia-St. Paul Canal.....	Irrig.....		27	19	13	Valley.....	June	28	1944	3738a*
Loup R., North..	Twin Valley Irrig. Ass'n.	St. Paul.....	Fullerton North Canal.....	Irrig.....		13	15	11	Howard.....	June	28	1944	3738b*
Loup R., North..	Cook, W. J.....	North Loup.....	Pump.....	Irrig.....	.18	30	18	12	Greeley.....	Aug.	28	1944	3759
Loup R., North..	Radke, Adam I.....	Big Springs.....	Pump.....	Irrig.....	.45	23	20	15	Valley.....	Sept.	23	1944	3768
Loup R., North..	Farrell, L. R.....	Scotia.....	Pump.....	Irrig.....	.17	16	17	12	Greeley.....	Sept.	26	1944	3769
Loup R., North..	Iwanski, James.....	Ord.....	Burwell-Sumpter Canal.....	Irrig.....	.63	14	21	16	Garfield.....	Oct.	4	1944	3772
Loup R., North..	Penas, Stanley C. and Robert L.	Burwell.....	Pump No. 1.....	Irrig.....	.34	19	21	16	Garfield.....	Nov.	8	1944	3783
Loup R., North..	Cook, W. J.....	North Loup.....	Pump.....	Irrig.....	.55	30	18	12	Greeley.....	Dec.	8	1944	3786
Loup R., North..	Scott, Roy M.....	Sargent.....	Pump.....	Irrig.....	.29	13	21	19	Loup.....	Apr.	5	1945	3821
Loup R., North..	Warford, John.....	Ord.....	Burwell-Sumpter Canal.....	Irrig.....	.31	14	21	16	Garfield.....	Apr.	28	1945	3828
Loup R., North..	Carson, Kit J.....	Ord.....	Burwell-Sumpter Canal.....	Irrig.....	.30	14	21	16	Garfield.....	May	9	1945	3831
Loup R., North..	Noll, Clayton D.....	Ord.....	Pump.....	Irrig.....	.66	9	19	14	Valley.....	June	7	1945	3835
Loup R., North..	Noll, Clayton D.....	Ord.....	Taylor-Ord Canal.....	Irrig.....	.12	13	21	19	Loup.....	June	7	1945	3839
Loup R., North..	Rogers, Wilbur A.....	Ord.....	Taylor-Ord Canal.....	Irrig.....	.47	13	21	19	Loup.....	July	10	1945	3846
Loup R., North..	Stewart, Ernest B.....	Ord.....	Taylor-Ord Canal.....	Irrig.....	.30	13	21	19	Loup.....	Apr.	15	1946	3892

Loup R., North.	Brown, Bashie.....	Ogallala.....	Pump.....	Irrig.....	10	22	20	15	Valley.....	May	10	1946	3906
Loup R., North.	North Loup River Pub. Power & Irrig. Dist.	Ord.....	Taylor-Ord Canal.....	Irrig.....		18	13	21	Loup.....	Oct.	11	1946	3980a*
			Ord-North Loup Canal.....	Irrig.....		22	19	14	Valley.....	Oct.	11	1946	3980b*
			Burwell-Sumpter Canal.....	Irrig.....		14	21	15	Garfield.....	Oct.	11	1946	3980c*
Loup R., North.	North Loup River Pub. Power and Irrig. Dist.	Ord.....	Taylor-Ord Canal.....	Irrig.....		18	13	21	Loup.....	Oct.	11	1946	3982a*
			Ord-North Loup Canal.....	Irrig.....		22	19	14	Valley.....	Oct.	11	1946	3982b*
			Burwell-Sumpter Canal.....	Irrig.....		14	21	16	Garfield.....	Oct.	11	1946	3982c*
Loup R., North.	Burton, John F.....	Scotia.....	Pump.....	Irrig.....	.41	9	17	12	Greeley.....	Jan.	9	1947	4020
Loup R., North.	Wells, Lester M., et al.	Cotesfield.....	Pump.....	Irrig.....	.83	20	16	11	Howard.....	Apr.	4	1947	4061
Loup R., North.	Smith, Guy D.....	Brewster.....	Pump.....	Irrig.....	1.18	10	23	23	Blaine.....	July	1	1947	4084
Loup R., North.	Kruml, Frank.....	Burwell.....	Pump.....	Irrig.....	.40	21	21	16	Garfield.....	Oct.	25	1947	4137
Loup R., North.	Wallin, H. E.....	Taylor.....	Pump.....	Irrig.....	.54	13	21	19	Loup.....	Feb.	7	1948	4207
Loup R., North.	Knapp, Ray H.....	Ord.....	Ord-North Loup Canal.....	Irrig.....	.22	22	19	14	Valley.....	Mar.	12	1948	4231
Loup R., North.	Jurzenski, Anton.....	St. Paul.....	Pump.....	Irrig.....	.73	16	15	10	Howard.....	June	5	1948	4279
Loup R., North.	Kruml, Frank.....	Burwell.....	Pump.....	Irrig.....	.03	21	21	16	Garfield.....	July	10	1948	4303
Loup R., North.	Wallin, H. E.....	Taylor.....	Taylor-Ord Canal.....	Irrig.....	.25	13	21	19	Loup.....	Dec.	15	1948	4400
Loup R., North.	Kanzelmeyer, Mary.....	Atkinson.....	Pump.....	Irrig.....	.62	11	21	16	Garfield.....	Jan.	10	1949	4418
Loup R., North.	Melville, Wm. A.....	Broken Bow.....	Pump.....	Irrig.....	8.00	5	26	27	Cherry.....	Mar.	7	1949	4446
Loup R., North.	Arteburn, Paul.....	St. Paul.....	Pump.....	Irrig.....	1.81	14	15	10	Howard.....	Mar.	29	1950	4628
Loup R., North.	Kent, Lulu.....	Burwell.....	Pump.....	Irrig.....	.05	29	21	15	Garfield.....	Oct.	5	1936	2644
Tributary to													
Loup R., South.	Callaway Electric Co.....	Callaway.....	Callaway Mill.....	Power.....	83.00	2	15	23	Custer.....	Oct.	1	1889	988
Loup R., South.	Tillson, W. Z.....	Poole.....	Tillson Canal.....	Irrig.....	15.57	29	12	15	Buffalo.....	Dec.	28	1894	236
Loup R., South.	Boblitz, E. J.....	Oconto.....	Boblitz Canal.....	Irrig.....	.50	10	14	21	Custer.....	Jan.	17	1895	219a
Loup R., South.	Boblitz, E. J.....	Oconto.....	Boblitz Canal.....	Power.....	20.00	10	14	21	Custer.....	Jan.	17	1895	219b
Loup R., South.	Brown, A. D.....	Milldale.....	Brown Canal.....	Irrig.....	.86	31	17	24	Custer.....	Feb.	23	1897	363
Loup R., South.	Hartzell, E. F.....	Logan.....	Hartzell Canal.....	Irrig.....	.37	27	18	26	Logan.....	May	18	1897	390
Loup R., South.	C. B. & Q. R. R. Co.....	Lincoln.....	Rayenna Pipe Line.....	Domestic.....	.50	9	12	14	Buffalo.....	Dec.	24	1914	1393
Loup R., South.	Central Power Co.....	Grand Island.....	Grand Island Plant.....	Power.....	840.00	35	13	12	Howard.....	Jan.	18	1915	1400
Loup R., South.	Perkins, Mrs. Ethel.....	Arnold.....	Perkins Canal.....	Irrig.....	3.77	25	17	25	Custer.....	Mar.	30	1928	1994
Loup R., South.	Shaw, Orren.....	Callaway.....	Pump.....	Irrig.....	2.30	9	16	24	Custer.....	Sept.	27	1928	2037
Loup R., South.	Quest, C. E.....	Boelus.....	Quest Canal.....	Irrig.....	1.55	33	13	12	Howard.....	June	13	1930	2143

*Application pending

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Loup R., South.	Roth, Fred	Ravenna	Pump	Irrig.	.57	5	12	13	Buffalo	June	7	1934	2400
Loup R., South.	Wall, R. V.	Arnold	Pump	Irrig.	.32	35	18	26	Logan	June	18	1934	2410
Loup R., South.	Hickenbottom, Vernon K.	Callaway	Pump	Irrig.	.75	15	15	22	Custer	Apr.	8	1937	2730
Loup R., South.	Turley, F. E.	Arnold	Pump	Irrig.	.32	6	16	24	Custer	May	7	1937	2740
Loup R., South.	Pressey, H. E., Est. and Game, Forestation and Parks Commission	Oconto Lincoln	Pump No. 2	Irrig.	.19	10	14	21	Custer	Feb.	28	1938	2841
Loup R., South.	Smith, Lizzie B.	Long Beach	Pump	Irrig.	.77	16	15	22	Custer	Nov.	22	1939	3029
Loup R., South.	Horn, Mrs. Charles R.	Broken Bow	Pump	Irrig.	1.23	32	15	21	Custer	Feb.	7	1940	3089
Loup R., South.	Van Cleave, R. Harlan	Callaway	Pump	Irrig.	1.23	7	15	22	Custer	May	10	1940	3151
Loup R., South.	Eicheberger, Alvin	Oconto	Pump	Irrig.	.45	10	14	21	Custer	June	21	1940	3186
Loup R., South.	Glendy, Carl	Oconto	Pump	Irrig.	.66	13	14	21	Custer	July	6	1940	3195
Loup R., South.	Hunter, Robert A.	Pleasanton	Pump	Irrig.	4.07	2	11	16	Buffalo	July	16	1940	3202
Loup R., South.	Devine, Frank	Oconto	Pump	Irrig.	2.61	17	14	20	Custer	July	23	1940	3208
Loup R., South.	Glendy, Leonard O.	Oconto	Pump	Irrig.	.25	13	14	21	Custer	July	26	1940	3218
Loup R., South.	Popp, John	Mason City	Pump	Irrig.	.26	23	13	19	Custer	July	29	1940	3220
Loup R., South.	Myers, Morris E.	Eddyville	Pump	Irrig.	.93	20	14	20	Custer	Aug.	14	1940	3231
Loup R., South.	Lea, Joe W.	Pleasanton	Pump	Irrig.	.08	35	12	16	Buffalo	Oct.	7	1940	3282
Loup R., South.	Glendy, Carl	Oconto	Pump	Irrig.	.27	13	14	21	Custer	Oct.	11	1940	3290
Loup R., South.	Weaver, W. L.	Oconto	Pump	Irrig.	.30	24	15	22	Custer	Nov.	19	1940	3332
Loup R., South.	Arrasmith, Wm. J.	Grand Island	Pump	Irrig.		5	12	18	Buffalo	Jan.	22	1941	3376*
Loup R., South.	Sorensen, Hjalmer C. et al	Cairo	Pump	Irrig.	1.69	35	13	12	Howard	Mar.	31	1943	3603
Loup R., South.	Eggleston, Lige L.	Oconto	Pump	Irrig.	.55	14	14	21	Custer	Sept.	1	1943	3637
Loup R., South.	Nebraska Mid-State Public P. and I. Dist.	Grand Island	Cumro Reservoir	Storage		22	13	19	Custer	Jan.	6	1947	4018*
Loup R., South.	Uhlig, Leonard	Callaway	Pump	Irrig.	1.07	24	15	22	Custer	June	17	1948	4290
Loup R., South.	Davenport, Harve M.	Callaway	Pump	Irrig.	2.10	11	16	24	Custer	Apr.	25	1949	4468

BUREAU OF IRRIGATION

Loup R., South.	Weaver, W. L.	Oconto	Pump	Irrig.	.89	30	15	21	Custer	Mar.	14	1950	4615
Loup R., South.	Chesley, Harry B.	Callaway	Pump	Irrig.		19	16	23	Custer	Apr.	24	1950	4652
Loup R., South Springs, Trib. to	State Game and Parks Commission	Lincoln	Ravenna State Lake	Resort	†80 AF	9	12	14	Buffalo	Sept.	15	1939	2964
Messenger Creek	Bartz, Paul	North Loup	Pump	Irrig.	.24	26	19	13	Valley	Dec.	20	1934	2501
Miller Reservoir	Federal Land Bank	Omaha	Miller Canal	Irrig.		35	14	11	Howard	Jan.	20	1934	2476
Mira Creek	Rasmussen, Carl C.	North Loup	Mira Reservoir	Storage	†14 AF	26	18	13	Valley	Mar.	8	1912	1182
Mira Res.	Rasmussen, Carl C.	North Loup	Pump	Irrig.		26	18	13	Valley	Mar.	8	1912	1239
Mira Creek	Otto, Chas.	North Loup	Hutchins Dam	Irrig.	.03	26	18	13	Valley	Apr.	18	1916	1453
Mira Creek	Barber, Christa A.	North Loup	Pump	Irrig.	.46	31	18	12	Greeley	Jan.	4	1945	3791
Morris Reservoir	Morris, E. O.	Ansley	Morris Canal	Irrig.		9	15	18	Custer	Feb.	18	1941	3395
Mortensen Res.	Travelers Ins. Co.	Omaha	Mortensen Canal	Irrig.		21	14	11	Howard	Aug.	31	1931	2251
Mud (Beaver) Cr.	Ravenna Mills	Ravenna	Ravenna Mills	Power		8	12	14	Buffalo				1037*
Mud (Beaver) Cr.	Benson, C. W.	Litchfield	Litchfield Mills	Power		33	14	16	Sherman				999*
Mud (Beaver) Cr.	Mason City Roller Mill and Light Plant	Mason City	Mason City Mill and Light Plant	Power		31	15	17	Custer				1042*
Mud (Beaver) Cr.	Penn, Chas.	Broken Bow	Penn Canal	Irrig.	.50	33	17	20	Custer	Aug.	14	1894	215
Mud (Beaver) Cr.	C. B. & Q. R. R. Co.	Lincoln	Ravenna Pipe Line	Domestic	1.00	8	12	14	Buffalo	July	26	1919	1550
Mud (Beaver) Cr.	Lang, J. R.	Litchfield	Pump	Irrig.	1.21	13	14	17	Custer	Aug.	20	1926	1848
Mud (Beaver) Cr.	Skochdopole, Barbara	Ravenna	Pump	Irrig.	2.10	1	12	15	Buffalo	Nov.	8	1926	1871
Mud (Beaver) Cr.	Wilson, Otis N.	Litchfield	Pump	Irrig.	.51	14	14	17	Custer	Dec.	10	1926	1879

*Application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	APP. No.
						S	T	R	County	Mo.	D			Yr.
Mud (Beaver) Cr.	Vansant, J. A.	Broken Bow	Pump	Irrig.	.27	33	17	20	Custer	Dec.	13	1926	1880
Mud (Beaver) Cr.	Sorensen, U.	Berwyn	Pump	Irrig.	1.00	21	16	19	Custer	Jan.	14	1927	1884
Mud (Beaver) Cr.	Willoughby, C. D.	Mason City	Pump	Irrig.	1.10	34	15	17	Custer	Feb.	8	1927	1896
Mud (Beaver) Cr.	Yanda, Geo. J.	Ravenna	Pumps	Irrig.	.90	8	12	14	Buffalo	Apr.	4	1927	1920
							9	12	Buffalo	Apr.	4	1927	1920
Mud (Beaver) Cr.	Duke, R. H., et al.	Mason City	Pump	Irrig.	2.41	31	15	17	Custer	Nov.	10	1928	2051
Mud (Beaver) Cr.	Hammond, Wm. E.	Broken Bow	Pump	Irrig.	.47	18	16	19	Custer	Jan.	3	1929	2059
Mud (Beaver) Cr.	Edson, Delmar	Mason City	Pump	Irrig.	.13	32	15	17	Custer	Apr.	23	1929	2079
Mud (Beaver) Cr.	Slote, E. A.	Litchfield	Pump	Irrig.	.64	33	14	16	Sherman	May	31	1934	2391
Mud (Beaver) Cr.	Haller, H. F.	Litchfield	Pump	Irrig.	.71	19	14	16	Sherman	July	13	1934	2423
Mud (Beaver) Cr.	Lang, James R., Jr.	Litchfield	Pump	Irrig.	1.25	13	14	17	Custer	July	27	1934	2445
Mud (Beaver) Cr.	Robinson and Wilke	Ravenna	Pump	Irrig.	1.26	4	12	15	Buffalo	Aug.	16	1934	2464
Mud (Beaver) Cr.	Perry, John J.	Sweetwater	Pump	Irrig.	.47	3	12	15	Buffalo	Aug.	21	1936	2620
Mud (Beaver) Cr.	Amsberry, Rollie	Ansley	Pump	Irrig.	.22	22	15	18	Custer	Jan.	26	1937	2684
Mud (Beaver) Cr.	Amsberry, Viola E., et al	Ansley	Pump	Irrig.	.56	23	15	18	Custer	Sept.	18	1937	2789
Mud (Beaver) Cr.	Hall, John	Ansley	Pump	Irrig.	.54	15	15	18	Custer	Oct.	1	1937	2792
Mud (Beaver) Cr.	Lang, C. E.	Litchfield	Pump	Irrig.	1.15	19	14	16	Sherman	Oct.	4	1937	2793
Mud (Beaver) Cr.	Luther, Violet V.	Mason City	Pump	Irrig.	.39	25	15	18	Custer	Oct.	4	1937	2794
Mud (Beaver) Cr.	Banning, Roy J.	Mason City	Pump	Irrig.	.40	33	15	17	Custer	Nov.	5	1937	2800
Mud (Beaver) Cr.	West, Lyman and Schu- macher, Mrs. Theo.	Mason City Lincoln	Pump	Irrig.	.84	23	15	18	Custer	Nov.	16	1937	2802
Mud (Beaver) Cr.	Sherbeck, Melvin H.	Ansley	Pump	Irrig.	.43	5	15	18	Custer	Sept.	14	1938	2884
Mud (Beaver) Cr.	Sanders, Ralph	Litchfield	Pump	Irrig.	.51	1	13	16	Sherman	Sept.	25	1939	2973
Mud (Beaver) Cr.	Williams, Earl	Ansley	Pump	Irrig.	.46	31	16	18	Custer	Nov.	10	1939	3015
Mud (Beaver) Cr.	Feldman, Fred	Litchfield	Pump	Irrig.	.17	33	14	16	Sherman	Nov.	22	1939	3025
Mud (Beaver) Cr.	Cooper-Sharpless	Los Angeles	Pump	Irrig.	.54	15	15	18	Custer	Feb.	9	1940	3090
Mud (Beaver) Cr.	Nelson, Charley A.	Litchfield	Pump	Irrig.	.23	11	14	17	Custer	Mar.	1	1940	3100
Mud (Beaver) Cr.	Ramm, Ernest	Litchfield	Pump	Irrig.	.53	28	14	16	Sherman	Mar.	12	1940	3115

Mud (Beaver) Cr.	Mortensen, Pearl L.	Ravenna	Pump	Irrig.	.21	34	13	15	Sherman	Mar.	15	1940	3119
Mud (Beaver) Cr.	Fisher, James H., Est.	Ravenna	Pump	Irrig.	.67	34	13	15	Sherman	Apr.	1	1940	3128
Mud (Beaver) Cr.	Moody, Cleon M.	Ansley	Pump	Irrig.	.40	5	15	18	Custer	May	13	1940	3157
Mud (Beaver) Cr.	Chamberlin, W. C.	Mason City	Pump	Irrig.	.52	32	15	17	Custer	July	15	1940	3200
Mud (Beaver) Cr.	Zinnel, Ella	Sweetwater	Pump	Irrig.	.37	2	12	15	Buffalo	July	16	1940	3201
Mud (Beaver) Cr.	Schulz, Martin	Ravenna	Pumps	Irrig.	1.02	7	12	14	Buffalo	July	18	1940	3205
									Buffalo	July	18	1940	3205
Mud (Beaver) Cr.	Talbot, V. C.	Broken Bow	Pump No. 2	Irrig.	.18	17	16	19	Custer	July	24	1940	3210
Mud (Beaver) Cr.	Beranek, Louis	St. Michael	Pump	Irrig.	.09	8	12	14	Buffalo	July	24	1940	3213
Mud (Beaver) Cr.	Jungles, Peter R.	Ravenna	Pump	Irrig.	.85	12	12	15	Buffalo	Aug.	10	1940	3229
Mud (Beaver) Cr.	Morris, E. O.	Ansley	Pump	Irrig.	.87	9	15	13	Custer	Aug.	15	1940	3232
Mud (Beaver) Cr.	Nelson, Chris	Berwyn	Pump	Irrig.	1.15	36	16	19	Custer	Sept.	3	1940	3249
Mud (Beaver) Cr.	Givens, Charles	Litchfield	Pump	Irrig.	.40	35	14	16	Sherman	Jan.	2	1941	3361
Mud (Beaver) Cr.	McFadden, Clyde	Litchfield	Pump	Irrig.	.44	12	13	16	Sherman	Jan.	15	1941	3369
Mud (Beaver) Cr.	Church, Mrs. Irene	Whiteridge, Colo.	Pump	Irrig.	.22	27	13	15	Sherman	Jan.	18	1941	3370
Mud (Beaver) Cr.	Chipps, Paul E.	Litchfield	Pump	Irrig.	.49	2	14	17	Custer	Feb.	3	1941	3381
Mud (Beaver) Cr.	Robinson, Catherine	Ravenna	Pump	Irrig.	.36	2	12	15	Buffalo	Feb.	13	1941	3389
Mud (Beaver) Cr.	Muhlback, Nora	Ravenna	Pump	Irrig.	.37	12	12	15	Buffalo	Mar.	3	1941	3407
Mud (Beaver) Cr.	City of Ravenna	Ravenna	Pump	Irrig.	.02	8	12	14	Buffalo	Mar.	17	1941	3415
Mud (Beaver) Cr.	Yanda, Louis	Ravenna	Pump	Irrig.	.25	1	12	15	Buffalo	June	19	1941	3454
Mud (Beaver) Cr.	Stevens, Howard B.	Broken Bow	Pump	Irrig.	.44	35	16	19	Custer	Aug.	5	1941	3480
Mud (Beaver) Cr.	McNeil, Mary J., Estate	Loup City	Pumps	Irrig.	.68	29	13	15	Sherman	Sept.	8	1941	3494
Mud (Beaver) Cr.	Krichau, Edw.	Ravenna	Pump	Irrig.	.50	7	12	14	Buffalo	Feb.	16	1942	3552
Mud (Beaver) Cr.	Kohls, Elmer H.	Litchfield	Pump	Irrig.	.13	1	13	16	Sherman	July	16	1943	3625
Mud (Beaver) Cr.	Petrik, James	Ansley	Pump	Irrig.	.56	16	15	18	Custer	Jan.	8	1944	3670
Mud (Beaver) Cr.	McFadden, Russell	Burwell	Pump	Irrig.	.23	35	14	16	Sherman	Jan.	31	1944	3677
Mud (Beaver) Cr.	Frye, John, Estate	Sweetwater	Pump	Irrig.	.54	2	12	15	Buffalo	Mar.	8	1944	3696
Mud (Beaver) Cr.	Reinertson, Kenneth L.	Hazard	Pump	Irrig.	.23	33	13	15	Sherman	May	1	1944	3721
Mud (Beaver) Cr.	Nilsen, T. Miller	Hazard	Pump	Irrig.	.15	13	13	16	Sherman	May	8	1944	3723
Mud (Beaver) Cr.	Reinertson, Richard A.	Sweetwater	Pump	Irrig.	.60	4	12	15	Buffalo	July	10	1944	3743
Mud (Beaver) Cr.	Larsen, L. M.	Hazard	Pump	Irrig.	.38	33	13	15	Sherman	Aug.	11	1944	3750

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Mud (Beaver) Cr.	Larsen, Mary, Estate	Hazard	Pump	Irrig.	.76	28	13	15	Sherman	Aug.	11	1944	3751
Mud (Beaver) Cr.	Kramer, John	Mason City	Pump	Irrig.	.52	30	15	17	Custer	Aug.	23	1944	3757
Mud (Beaver) Cr.	Cooper-Sharpless	Los Angeles	Pump	Irrig.	.10	15	15	18	Custer	Oct.	26	1944	3778
Mud (Beaver) Cr.	McFadden, Russell	Burwell	Pump	Irrig.	.17	34	14	16	Sherman	Jan.	29	1945	3801
Mud (Beaver) Cr.	Reinertson, Kenneth L.	Hazard	Pump	Irrig.	.58	33	13	15	Sherman	Mar.	24	1945	3817
Mud (Beaver) Cr.	Aden, John F.	Hazard	Pump	Irrig.	.12	29	13	15	Sherman	Mar.	11	1946	3882
Mud (Beaver) Cr.	Capellen, Floyd H.	Hazard	Pump	Irrig.	.44	13	13	16	Sherman	Mar.	11	1946	3883
Mud (Beaver) Cr.	McKeon, M. F.	Sweetwater	Pump	Irrig.	.90	3	12	15	Buffalo	Apr.	20	1946	3895
Mud (Beaver) Cr.	Wagner, F. F.	Burwell	Pump	Irrig.	.99	34	15	17	Custer	June	5	1946	3912
Mud (Beaver) Cr.	Poster, Doane C.	Berwyn	Pump	Irrig.	.42	22	16	19	Custer	July	23	1946	3930
Mud (Beaver) Cr.	Feldman, Fred H.	Litchfield	Pump	Irrig.	.20	33	14	16	Sherman	Oct.	31	1946	3994
Mud (Beaver) Cr.	Kohls, Elmer H.	Litchfield	Pump No. 2	Irrig.	.06	1	13	16	Sherman	Dec.	30	1946	4016
Mud (Beaver) Cr.	Reinertson, Conrad A.	Hazard	Pump	Irrig.	.34	19	13	15	Sherman	Dec.	31	1946	4017
Mud (Beaver) Cr.	Cooper and Sharpless	Los Angeles	Pump	Irrig.	.03	15	15	18	Custer	Mar.	28	1948	4053
Mud (Beaver) Cr.	Reinertson, Tobias	Hazard	Pump	Irrig.	.45	19	13	15	Sherman	Nov.	1	1947	4138
Mud (Beaver) Cr.	Wilson, Otis N.	Litchfield	Pump	Irrig.	.53	11	14	17	Custer	May	25	1948	4273
Mud (Beaver) Cr.	Rogers, H. F., et al.	Broken Bow	Pump	Irrig.	2.23	3	16	20	Custer	June	16	1948	4288
Mud (Beaver) Cr.	Engelman, A. G.	Litchfield	Pump	Irrig.	1.00	20	14	16	Sherman	Mar.	2	1949	4442
Mud (Beaver) Cr.	Powell, Jess	Litchfield	Pump	Irrig.		33	14	16	Sherman	July	21	1949	4489*
Mud (Beaver) Cr.	Rawles, Fannie E.	Litchfield	Pump	Irrig.		25	15	18	Custer	May	1	1950	4661
Mud (Beaver) Cr.	Quail, Floyd	Miller	Pump	Irrig.	.53	28	13	15	Sherman	May	17	1950	4682
Ravine, Trib. to	Morris, E. O.	Ansley	Morris Reservoir	Storage	†18 AF	9	15	18	Custer	Feb.	18	1941	3394
Munson Creek	Lassen, Niels P.	Elba	Pump	Irrig.	.50	1	15	12	Howard	Oct.	10	1929	2108
Oak Creek	Larsen, L. E.	Dannebrog	Dannebrog Reservoir	Domestic		2	13	11	Howard	Sept.	16	1919	1556
Oak Creek	Krogh, Peter, et al.	Omaha	Pump	Irrig.	.53	30	14	11	Howard	Mar.	5	1930	2126
Oak Creek	Village of Dannebrog	Dannebrog	Dannebrog Lake	Fish	†58 AF	2	13	11	Howard	Nov.	29	1937	2809

Oak Creek.....	Krogh, Peter.....	Omaha.....	Pump.....	Irrig.....	.25	30	14	11	Howard.....	Sept.	26	1939	2976
Oak Creek.....	Lamb, Hertha J.....	Farwell.....	Pump.....	Irrig.....	.09	23	14	12	Howard.....	Mar.	22	1940	3122
Oak Creek.....	Hatt, Hans N.....	Dannebrog.....	Oak Creek Canal.....	Irrig.....	.39	2	13	11	Howard.....	Nov.	10	1941	3530
Oak Creek.....	Vocke, Robert.....	Ashton.....	Pump.....	Irrig.....	.59	1	14	13	Sherman.....	Apr.	14	1947	4067
Oak Creek.....	Krogh, Arnold, et al.....	Dannebrog.....	Pump.....	Irrig.....	.36	30	14	11	Howard.....	July	14	1949	4487
Oak Creek.....	Haggart, Ralph.....	St. Paul.....	Pump.....	Irrig.....	.60	8	13	11	Howard.....	Sept.	2	1949	4511
Oconee Drain.....	Gerrard, Mary L.....	Columbus.....	Pump.....	Irrig.....	1.87	3	17	2	Platte.....	Nov.	7	1944	3781
Oconee Drain.....	Gerhold, A. N.....	Columbus.....	Pump.....	Irrig.....	.93	3	17	2	Platte.....	Mar.	8	1945	3813
Otter Creek, Ravine, Trib. to	Judy, Joy B.....	Miller.....	Judy Reservoir.....	Storage.....	†45 AF	18	12	18	Buffalo.....	Apr.	17	1941	3429
Platte River.....	Fremont Canal and Power Company	Fremont.....	Fremont Canal.....	Irrig and Power	2500.00	30	17	4E	Butler.....	June	21	1895	40
Platte River.....	City of Omaha.....	Omaha.....	Fremont-Omaha Canal..	Power.....	2000.00	30	17	4E	Butler.....	Mar.	25	1908	894
Platte River, Trib. to	Klosterman, H. F.....	David City.....	Klosterman Canal.....	Irrig.....	.43	9	16	2E	Butler.....	Oct.	9	1939	2982
Plum Creek, Ravine, Trib. to	Goodwater, Hanley L.....	Norfolk.....	Goodwater Reservoir....	Storage.....	†29 AF	3	18	6	Boone.....	Dec.	6	1949	4543
Qualsett Creek...	Qualsett, Olaf.....	Petersburg....	Pump.....	Irrig.....	.26	30	22	7	Boone.....	Apr.	19	1937	2733
Sand Creek.....	Arnold, Wm. E.....	Callaway.....	Pump.....	Irrig.....	.24	10	15	23	Custer.....	Feb.	21	1916	1447
Sand Creek.....	Brega, R. E.....	Callaway.....	Pump.....	Irrig.....	.12	11	15	23	Custer.....	Feb.	25	1946	3875
Sand Creek, Ravine, Trib. to	Eaton, R. A.....	Pleasanton.....	Eaton Reservoir.....	Storage.....	†29 AF	5	11	15	Buffalo.....	Oct.	13	1944	3776
Shady Lake.....	Smith, Adam.....	Columbus.....	Pump.....	Irrig.....	1.66	15	17	1	Platte.....	Feb.	2	1939	2907
Shell Creek.....	Schmitt Bros.....	Columbus.....	Schmitt Canal.....	Irrig.....	2.29	19	18	1E	Platte.....	Dec.	17	1894	292a
Shell Creek.....	Schmitt Bros.....	Columbus.....	Schmitt Canal.....	Power.....	30.50	19	18	1E	Platte.....	Dec.	17	1894	292b

*Application Pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Shell Creek	Gottberg, Jacob	Columbus	Gottberg Canal	Irrig.	1.00	24	18	1	Platte	June	6	1895		2
Shell Creek	Arndt, Edward	Platte Center	Pump	Irrig.	2.21	24	18	2	Platte	July	31	1936		2603
Shell Creek	Herde, Phillip	Schuyler	Pump	Irrig.	.39	34	18	3E	Colfax	Sept.	28	1936		2642
Shell Creek	Wolfe, John H.	Schuyler	Pump	Irrig.	.46	28	18	3E	Colfax	Aug.	9	1937		2771
Shell Creek	Herde, Phillip	Schuyler	Pump	Irrig.	.25	34	18	3E	Colfax	Sept.	10	1937		2782
Shell Creek	Maher, Catherine M.	New York	Pump	Irrig.	2.36	30	18	1	Platte	Sept.	14	1937		2784
Shell Creek	Kavan, Emil L.	Schuyler	Pump	Irrig.	.48	29	18	3E	Colfax	Nov.	1	1937		2798
Shell Creek	Marohn, Herman, et al.	Schuyler	Pump	Irrig.	.64	23	18	2E	Colfax	Dec.	10	1937		2814
Shell Creek	Huff, Howard K.	Ord	Pump	Irrig.	.48	13	18	2	Platte	Dec.	18	1937		2815
Shell Creek	Bailey, John C.	Schuyler	Pump	Irrig.	1.69	1	17	3E	Colfax	May	6	1938		2871
Shell Creek	Krivohlavek, John F.	Schuyler	Pump	Irrig.	1.10	35	18	3E	Colfax	Apr.	29	1939		2918
Shell Creek	Bailey, T. O.	Schuyler	Pump	Irrig.	.69	12	17	3E	Colfax	May	19	1939		2923
Shell Creek	Bott, Fred	Schuyler	Pump	Irrig.	1.06	22	18	2E	Colfax	May	24	1939		2925
Shell Creek	Hughes, Frank M., Est.	Schuyler	Pump	Irrig.	1.99	1	17	3E	Colfax	June	17	1939		2929
Shell Creek	Schmid, Adam	Columbus	Pump	Irrig.	1.09	19	18	2E	Colfax	July	28	1939		2941
Shell Creek	Klug, Arthur and Emil.	Columbus	Pump	Irrig.	.26	24	18	1E	Platte	July	29	1939		2943
Shell Creek	De Bower, Garrett A.	Schuyler	Pump	Irrig.	.44	30	18	3E	Colfax	July	31	1939		2944
Shell Creek	Lusche, G. W.	Columbus	Pumps	Irrig.	.51	14	18	1E	Platte	Oct.	26	1939		2997
						23	18	1E	Platte	Oct.	26	1939		2997
Shell Creek	Heibel, Arthur, Jr.	Columbus	Pump	Irrig.	.37	22	18	1E	Platte	Nov.	6	1939		3009
Shell Creek	Pose, Frank	Columbus	Pump No. 2.	Irrig.	.41	22	18	1E	Platte	Nov.	21	1939		3023
Shell Creek	Gossman, Charles A.	Platte Center	Pump	Irrig.	.47	19	18	1	Platte	Nov.	22	1939		3028
Shell Creek	Heibel, Carl	Columbus	Pump	Irrig.	.21	24	18	1E	Platte	Dec.	1	1939		3035
Shell Creek	Mastny, Anton, Sr.	Schuyler	Pump	Irrig.	.90	35	18	3E	Colfax	Jan.	20	1940		3080
Shell Creek	Krivohlavek, John F.	Schuyler	Pump	Irrig.	.10	35	18	3E	Colfax	Mar.	31	1941		3420
Shell Creek	Horejsi, Milo	Schuyler	Pump	Irrig.	.50	9	17	4E	Colfax	Apr.	2	1941		3424
Shell Creek	Lightner, Louis	Columbus	Pump	Irrig.	.48	14	18	2	Platte	Sept.	9	1941		3496
Shell Creek	Haidley, Charles	Schuyler	Pump	Irrig.	.23	8	17	4E	Colfax	Dec.	24	1941		3541

Shell Creek	Luckey, Emil F.	Columbus	Pump	Irrig.	36	23	18	1E	Platte	Apr.	6	1942	3561
Shell Creek	Maxwell, David E.	Columbus	Pump	Irrig.	96	29	18	1	Platte	Mar.	17	1943	3599
Shell Creek	Luckey, Emil F.	Columbus	Pump	Irrig.	28	23	18	1E	Platte	Feb.	15	1947	4035
Shell Creek	Mares, Victor	Schuyler	Pump	Irrig.	50	36	18	3E	Colfax	Mar.	28	1947	4054
Shell Creek	Huff, Howard	Ord.	Pump	Irrig.	21	13	18	2	Platte	Apr.	26	1947	4069
Skull Creek	Dawson, H. H.	Linwood	Pump	Irrig.	1.18	26	17	4E	Butler	Nov.	20	1939	3022
Spring Branch	Milldale Farm and Live Stock Improvement Co.	Council Bluffs, Ia.	Haskill Canal	Irrig.	7.00	31	17	24	Custer	Feb.	27	1914	1357
Spring Branch (Dutchman Cr.)	Talbot, V. C.	Broken Bow	Pump No. 1	Irrig.	.12	17	16	19	Custer	July	24	1940	3211
Spring Creek	Hendryx, H. J.	Monroe	Hendryx Canal	Irrig.	1.33	2	17	3	Platte	June	25	1894	290
Spring Creek	Laursen, Rasmus	Cushing	Pump	Irrig.	.26	32	16	9	Howard	Oct.	23	1940	3306
Spring Creek	Anderson, Clayton	Cushing	Pump	Irrig.	.18	30	16	9	Howard	Mar.	27	1944	3702
Spring Creek	Wagner, Chas. J.	Cushing	Pump	Irrig.	.21	7	16	9	Howard	Aug.	21	1944	3756
Spring Creek	Wagner, C. J.	Cushing	Pump No. 2	Irrig.	.27	18	16	9	Howard	Sept.	19	1944	3767
#Spring Creek	Hanson, Earl	Ord.	Pump	Irrig.	.25	27	19	13	Valley	May	15	1944	3728
Timber Creek Ravine, Trib. to	Robinson, Wm. A.	Cedar Rapids	Robinson Reservoir	Storage	†40.5 AF	33	18	8	Boone	July	30	1946	3935
Tucker Creek	Pressey, H. E., Estate, Game, Forestation, & Parks Commission	Oconto Lincoln	Maples Canal	Irrig.	.97	9	14	21	Custer	Sept.	13	1934	2475
Turkey Creek	Travelers Ins. Co.	Omaha	Mortensen Reservoir	Storage	†6.25 AF	21	14	11	Howard	Aug.	31	1931	2232
Turkey Creek	Federal Land Bank	Omaha	Miller Reservoir	Storage	†30 AF	35	14	11	Howard	Jan.	20	1934	2356
Turkey Creek	McKoski, Joe	Dannebrog	Pump	Irrig.	.24	20	14	11	Howard	Aug.	26	1937	2778
Turtle Creek	Rutar, Joseph	Elyria	Rutar Canal	Irrig.	.72	27	20	15	Valley	May	5	1943	3611

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-A—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
Victoria Creek...	Myers, Perry, Estate...	Anselmo...	Victoria Canal No. 1...	Irrig.....	.71	1	19	21	Custer.....	Mar.	17	1894	210 } 212 }		
Victoria Creek...	Victoria Ditch Ass'n...	Broken Bow...	Victoria Canal No. 2...	Irrig.....	8.88	1	19	21	Custer.....	July	17	1894	213 }		
Victoria Creek...	Laughran, Michael	Milburn.....	Laughran-Bell Canal...	Irrig.....	.31	3	19	21	Custer.....	Sept.	22	1894	217 }		
Victoria Creek...	Myers, Perry, Estate...	Anselmo.....	Victoria Canal No. 1...	Irrig.....	1.51	1	19	21	Custer.....	Aug.	5	1926		1843	
Victoria Creek...	Victoria Ditch Ass'n...	Broken Bow...	Victoria Canal No. 2...	Irrig.....	1.01	1	19	21	Custer.....	Aug.	12	1926		1845	
							6	19	20	Custer.....	Aug.	12	1926		1845
Victoria Creek...	McGraw, Chas.....	Broken Bow...	McGraw Canal.....	Irrig.....	2.95	6	19	20	Custer.....	July	23	1927		1945	
Victoria Creek...	McGraw, Chas.....	Broken Bow...	McGraw Canal.....	Irrig.....	2.86	6	19	20	Custer.....	Aug.	6	1928		2023	
Victoria Creek...	McGraw, Chas.....	Broken Bow...	Pump.....	Irrig.....	.80	6	19	20	Custer.....	June	4	1934		2398	
Victoria Creek...	Christen, Willie D.	Anselmo.....	Pump.....	Irrig.....	1.38	16	19	21	Custer.....	Nov.	26	1948		4377	
Victoria Creek...	Adams, Henry Clarke	Merna.....	Pump.....	Irrig.....		29	19	21	Custer.....	May	12	1950		4675	
Wagner Creek...	Leui, Joseph.....	Comstock....	Pump.....	Irrig.....	.82	3	18	17	Custer.....	July	18	1939		2935	
Wagner Creek...	Leui, Joseph.....	Comstock....	Pump.....	Irrig.....	.21	11	18	17	Custer.....	Mar.	6	1948		4230	
Wallace Creek...	Farrell, L. R.....	Scotia.....	Pump.....	Irrig.....	.56	16	17	12	Greeley....	Sept.	26	1944		3770	
Wallace Creek...	Burton, John T.	Scotia.....	Pump.....	Irrig.....	.65	9	17	12	Greeley....	Nov.	20	1944		3785	
Welsh Reservoir	Welsh, W. M., Mrs.	Lincoln.....	Welsh Canal.....	Irrig.....		36	17	18	Custer.....	May	2	1941		3624	
Wiggle Creek...	May, J. H.....	Callaway....	Pump.....	Irrig.....	.30	3	15	23	Custer.....	Oct.	17	1928		2045	
Wiggle Creek...	Lamb, Harry.....	Callaway....	Pump.....	Irrig.....		3	15	23	Custer.....	Mar.	16	1950		4621	
Woten Creek....	Johnson, Emil.....	Rockville....	Pump.....	Irrig.....	.49	6	13	13	Sherman....	Oct.	14	1940		3293	

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-B

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Battle Creek....	Hohenstein-Tombhagen ...	Battle Creek..	Battle Creek Mills.....	Power.....	10.67	36	24	3	Madison....	Nov.	12	1898	484
Battle Creek.....	Hohenstein-Tombhagen ...	Battle Creek..	Battle Creek Mills.....	Power.....	20.00	36	24	3	Madison....	Apr.	20	1906	818
Battle Creek.....	Lucht, Mary.....	Battle Creek..	Pump.....	Irrig.....	.59	12	23	3	Madison....	Oct.	20	1939	2994
Battle Creek.....	Bierman, Herbert.....	Battle Creek..	Pump.....	Irrig.....	.64	14	23	3	Madison....	Nov.	4	1939	3006
Battle Creek.....	Eyl, Carl.....	Battle Creek..	Pump.....	Irrig.....	.46	12	23	3	Madison....	Nov.	8	1939	3012
Battle Creek.....	Lewis, Emma S.....	McLean, Va....	Pump.....	Irrig.....	.54	12	23	3	Madison....	Nov.	22	1939	3026
Battle Creek.....	Bierman, Erich.....	Battle Creek..	Pump.....	Irrig.....	.32	12	23	3	Madison....	Dec.	11	1939	3042
Buffalo Creek...	Lewis, Sylvester.....	Meadow Grove	Pump.....	Irrig.....	.79	23	24	4	Madison....	Nov.	9	1936	2655
Buffalo Creek...	Lewis, Sylvester.....	Meadow Grove	Pump.....	Irrig.....	.48	23	24	4	Madison....	Oct.	26	1939	3000
Camp Creek.....	Pinney, E. R.....	Lincoln.....	Pump.....	Irrig.....	.50	25	11	SE	Lancaster..	Nov.	22	1939	3024
Camp Creek.....	Boyd, Chas. A.....	Waverly.....	Pump.....	Irrig.....	.10	25	11	SE	Lancaster..	Aug.	25	1947	4100
Camp Creek.....	Boyd, Chas. A.....	Waverly.....	Pump.....	Irrig.....	.79	25	11	SE	Lancaster..	Mar.	18	1949	4455
Cedar Creek.....	Carlson, C. A.....	Elgin.....	Pump.....	Irrig.....	.15	3	23	6	Antelope....	Mar.	17	1937	2716
Cedar Creek.....	Johnson Brothers.....	Oakdale.....	Pump.....	Irrig.....	.41	11	24	6	Antelope....	Oct.	10	1938	2891
Cedar Creek.....	Ofe Brothers.....	Oakdale.....	Pump.....	Irrig.....	.09	1	24	6	Antelope....	Dec.	27	1938	2904
Cedar Creek.....	Cram, V. S.....	Oakdale.....	Pump.....	Irrig.....	.04	12	24	6	Antelope....	Mar.	1	1939	2911
Cedar Creek.....	Michaelson, Florence.....	Battle Creek..	Pump.....	Irrig.....	.23	10	23	6	Antelope....	Oct.	16	1939	2987
Cedar Creek.....	Mills, G. O.....	Tilden.....	Pump.....	Irrig.....	.18	3	23	6	Antelope....	Oct.	18	1939	2991
Cedar Creek.....	Hunter, G. W.....	Oakdale.....	Pump.....	Irrig.....	.86	12	24	6	Antelope....	May	25	1940	3166
Cedar Creek.....	Clemensen, George.....	Oakdale.....	Pump.....	Irrig.....	.06	15	24	6	Antelope....	Oct.	14	1940	3295
Cedar Creek.....	Dworak, Mary, Est.....	Oakdale.....	Pump.....	Irrig.....	.84	1	24	6	Antelope....	May	9	1946	3094
Childs Reservoir.	Childs, F. A.....	Oakdale.....	Childs Canal.....	Irrig.....		3	24	5	Antelope....	Mar.	4	1940	3125
Clear Creek.....	Lyons Drainage Dist.....	Lyons.....	Main Ditch No. 1.....	Drainage.		14	23	8 E	Burt.....	Mar.	9	1911	1069

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
Clear Creek.....	Gilmore, E. L. C.....	Ashland.....	Gilmore Canal.....	Irrig.....	.86	35	13	9E	Saunders...	Aug.	10	1927		1950	
Clearwater Creek.	Thiele, Carl J.....	Clearwater...	Pump.....	Irrig.....	.46	26	25	9	Holt.....	Dec.	12	1939		3048	
Clearwater Creek.	McDonald, Charles W...	Ewing.....	Pump.....	Irrig.....	.29	33	25	9	Holt.....	Dec.	18	1939		3055	
Clearwater Creek.	Schrunk, Mable E.....	Atkinson.....	Pump.....	Irrig.....	.39	14	24	10	Wheeler...	Sept.	25	1940		3275	
Clearwater Creek.	Lund, Alfred.....	Clearwater...	Pump.....	Irrig.....	.40	6	25	7	Antelope...	Mar.	4	1944		3694	
Dee Creek.....	Hilt, Peter, Jr.....	Waverly.....	Pump.....	Irrig.....	1.72	7	11	9E	Cass.....	June	12	1933		2326	
Deer Creek.....	DeLay, J. J.....	Norfolk.....	Pump.....	Irrig.....	1.54	30	24	3	Madison...	Apr.	11	1944		3711	
Dog Town Cr....	Beckman, John.....	Wayne.....	Pump.....	Irrig.....	.63	6	26	4E	Wayne....	Aug.	15	1936		2613	
Dry Creek.....	Haas, Mitchel.....	Pierce.....	Pump.....	Irrig.....	.55	16	26	2	Pierce.....	Aug.	15	1946		3944	
Dry Creek.....	Fleming, Harry.....	Pierce.....	Pump.....	Irrig.....	.69	8	26	2	Pierce.....	Sept.	16	1947		4115	
Dry Gully.....	Scott, R. D.....	Raymond.....	Scott Reservoir.....	Storage..	†72	A	22	12	5E	Lancaster..	Dec.	7	1936		2669
Elkhorn River...	Interstate Power Co....	Dubuque, Ia.	Atkinson Mill.....	Power.....	38.50	30	30	14	Holt.....	Nov.	1	1883	271		
Elkhorn River...	Elkhorn Irrig. Co.....	O'Neill.....	Elkhorn Canal.....	Irrig.....	131.43	22	29	13	Holt.....	Feb.	3	1894	259		
Elkhorn River...	Davis, Jos.....	O'Neill.....	Davis Canal.....	Irrig.....	1.43	31	29	11	Holt.....	Feb.	8	1894	260		
Elkhorn River...	Carlton, Thos.....	O'Neill.....	Carlton Canal No. 1.....	Irrig.....	1.00	32	29	11	Holt.....	Feb.	8	1894	261		
Elkhorn River...	Carlton, Thos.....	O'Neill.....	Carlton Canal No. 2.....	Irrig.....	5.00	30	29	11	Holt.....	Feb.	8	1894	262		
Elkhorn River...	Cain, N. E., et al.....	O'Neill.....	Cain Canal.....	Irrig.....	5.00	32	29	11	Holt.....	Feb.	20	1895	263		
Elkhorn River...	Ross, Chas. P.....	Omaha.....	Platte River Plant.....	Power.....	500.00	14	15	10E	Douglas...	Nov.	24	1909		971	
Elkhorn River...	Neligh, W. S. T.....	West Point...	West Point Plant.....	Power.....	400.00	18	22	6E	Cuming...	Dec.	26	1912		1250	
Elkhorn River...	Sibberson Brothers.....	Omaha.....	Sibberson Canal.....	Irrig.....	2.50	10	29	14	Holt.....	Sept.	5	1925		1779	

Elkhorn River	Eubank, C. W.	Omaha	Pump	Irrig.	.79	10	25	7	Antelope	July	5	1934	2416
Elkhorn River	Heitzman, Herman, Est.	West Point	Pump	Irrig.	.31	21	22	6E	Cuming	Mar.	16	1935	2528
Elkhorn River	McGuire, F. V.	Wisner	Pump	Irrig.	1.21	32	24	4E	Cuming	Aug.	14	1936	2612
Elkhorn River	Collins, John M.	West Point	Pump	Irrig.	.39	22	22	6E	Cuming	Aug.	31	1936	2630
Elkhorn River	Dwyer, Geo. F.	Waterloo	Pump	Irrig.	.08	10	15	10E	Douglas	Sept.	22	1936	2641
Elkhorn River	J. C. Robinson Real Estate Co.	Waterloo	Pump	Irrig.	1.10	3	15	10E	Douglas	Nov.	5	1936	2653
Elkhorn River	Torbert, F. B., Estate.	Norfolk	Pump	Irrig.	.09	36	24	2	Madison	Dec.	21	1936	2674
Elkhorn River	Rozmarin, Joseph R.	Stanton	Pump	Irrig.	.05	13	23	2E	Stanton	Mar.	1	1937	2704
Elkhorn River	Brink, Orris	Oakdale	Pump	Irrig.	.82	8	24	5	Antelope	June	4	1937	2750
Elkhorn River	Macklin, Willie A.	Norfolk	Pump	Irrig.	.69	6	23	1E	Stanton	July	30	1937	2767
Elkhorn River	Stewart, J. B.	Tilden	Pump	Irrig.	.69	15	24	4	Madison	Mar.	18	1938	2850
Elkhorn River	Sunderland, John E.	Omaha	Pump	Irrig.	1.86	34	15	10E	Douglas	Apr.	4	1938	2860
Elkhorn River	Bauermeister, C. H.	Battle Creek	Pump	Irrig.	.88	30	24	2	Madison	Sept.	28	1939	2977
Elkhorn River	Flesner and Unkel	Battle Creek	Pump	Irrig.	3.14	29	24	2	Madison	Oct.	11	1939	2983
Elkhorn River	O'Brien, James, et al.	Tilden	Pump	Irrig.	.76	4	24	5	Antelope	Oct.	18	1939	2990
Elkhorn River	Freiberg, Harry	Stanton	Pump	Irrig.	.56	8	23	3E	Stanton	Nov.	10	1939	3016
Elkhorn River	Boldt, William, Jr.	Stanton	Pump	Irrig.	.27	29	23	2E	Stanton	Dec.	13	1939	3050
Elkhorn River	Eggers, Elman	Tilden	Pump	Irrig.	.64	11	24	5	Antelope	Dec.	19	1939	3061
Elkhorn River	Zimmerer, Joe	Humphrey	Pump No. 1.	Irrig.	.40	17	23	3E	Stanton	Jan.	2	1940	3069
Elkhorn River	Martensen, Peter	Oakdale	Pump	Irrig.	.42	8	24	5	Antelope	Jan.	9	1940	3073
Elkhorn River	Childs, F. A.	Oakdale	Pump	Irrig.	.21	3	24	5	Antelope	Mar.	4	1940	3102
Elkhorn River	Idlewild Farm Co.	Fremont	Pumps	Irrig.	.81	29	18	9E	Dodge- Washington	May	10	1940	3155
Elkhorn River	Emerson, R. A.	Oakdale	Pump	Irrig.	.09	1	24	6	Antelope	Feb.	14	1941	3391
Elkhorn River	Wittwer, Joe	Tilden	Pump	Irrig.	.38	3	24	5	Antelope	Mar.	5	1941	3409
Elkhorn River	Werner, Fred C.	Meadow Grove	Pump	Irrig.	1.10	24	24	4	Madison	Nov.	18	1941	3532
Elkhorn River	Game, Forestation, and Parks Commission	Lincoln	Atkinson Reservoir	Storage		30	30	14	Holt	Nov.	23	1949	4535*
Elkhorn River Springs, Trib. to	Childs, F. A.	Oakdale	Childs Reservoir	Storage	†102 AF	3	24	5	Antelope	Mar.	4	1940	3101
Elkhorn River Springs, Trib. to	Rothchild, Lewis E.	Oakdale	Pump	Irrig.	.30	2	24	6	Antelope	July	27	1949	4493

†Reservoir capacity alleged by applicant.

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Elkhorn R., N.F.	Norfolk Cereal Flour Mills	Norfolk.....	Norfolk Cereal and Flour Mills	Power...	100.00	23	24	1	Madison...	Mar.	1	1870	996	
Elkhorn R., N.F.	Shurtleff, R. J.	Norfolk.....	Pump.....	Irrig.....	1.03	15	24	1	Madison...	June	15	1929		2085
Elkhorn R., N.F.	Steward, Geo. J.	Norfolk.....	Pump.....	Irrig.....	.42	10	24	1	Madison...	Aug.	17	1933		2343
Elkhorn R., N.F.	Zutz, Erwin	Norfolk.....	Pump.....	Irrig.....	.50	15	24	1	Madison...	Sept.	12	1934		2474
Elkhorn R., N.F.	Bathke, Robert	Norfolk.....	Pump.....	Irrig.....	.02	22	24	1	Madison...	Apr.	4	1935		2533
Elkhorn R., N.F.	Shurtleff, R. J.	Norfolk.....	Pump.....	Irrig.....	.53	15	24	1	Madison...	May	2	1936		2577
Elkhorn R., N.F.	Chilvers, C. H.	Pierce.....	Pumps.....	Irrig.....	5.91	9	26	2	Pierce.....	July	14	1936		2588
	and Dry Creek					10	26	2	Pierce.....	July	14	1936		2588
						15	26	2	Pierce.....	July	14	1936		2588
Elkhorn R., N.F.	Werner, John	Norfolk.....	Pump.....	Irrig.....	.56	26	24	1	Madison...	July	24	1936		2597
Elkhorn R., N.F.	Kolterman, Erwin	Pierce.....	Pump.....	Irrig.....	1.89	15	26	2	Pierce.....	July	30	1936		2602
Elkhorn R., N.F.	Koehler, Walter	Osmond.....	Pump.....	Irrig.....	.71	19	27	2	Pierce.....	Aug.	13	1936		2611
Elkhorn R., N.F.	Doughty, L. H.	Norfolk.....	Pump.....	Irrig.....	.24	26	24	1	Madison...	Nov.	18	1936		2661
Elkhorn R., N.F.	Kirchmann, Christian C.	Pierce.....	Pump.....	Irrig.....	.01	26	26	2	Pierce.....	Dec.	11	1936		2670
Elkhorn R., N.F.	Kluender and Riggart.	Norfolk.....	Pump.....	Irrig.....	.21	22	24	1	Madison...	May	25	1937		2747
Elkhorn R., N.F.	Richter, Herman	Norfolk.....	Pump.....	Irrig.....	.43	36	24	1	Madison...	Apr.	27	1938		2865
Elkhorn R., N.F.	Eberly, E. F.	Norfolk.....	Pumps.....	Irrig.....	.15	26	24	1	Madison...	May	26	1938		2875
Elkhorn R., N.F.	Eberly, E. F.	Norfolk.....	Pump.....	Irrig.....	.29	26	24	1	Madison...	May	26	1938		2875 R
Elkhorn R., N.F.	Meierhenry, Albert H.	Norfolk.....	Pump.....	Irrig.....	1.05	28	25	1	Pierce.....	Nov.	20	1939		3021
Elkhorn R., N.F.	Meierhenry, Fred	Norfolk.....	Pump.....	Irrig.....	.18	33	25	1	Pierce.....	Dec.	11	1939		3043
Elkhorn R., N.F.	Brown, Willard H.	Norfolk.....	Pump.....	Irrig.....	1.25	36	24	1	Madison...	Mar.	8	1940		3110
Elkhorn R., N.F.	Baksa, Joseph	Norfolk.....	Pump.....	Irrig.....	.22	26	24	1	Madison...	Mar.	18	1940		3121
Elkhorn R., N.F.	Cook, Ethel Toll	Norfolk.....	Pump.....	Irrig.....	.08	26	24	1	Madison...	Feb.	19	1941		3398
Elkhorn R., N.F.	Otto, Alfred	Pierce.....	Pump.....	Irrig.....	1.23	26	26	2	Pierce.....	Aug.	3	1946		3937
Elkhorn R., N.F.	Massman, Frank G.	Pierce.....	Pump.....	Irrig.....	.99	8	26	2	Pierce.....	Aug.	7	1946		3941
Elkhorn R., N.F.	Eichelberger, W. O.	Norfolk.....	Pump.....	Irrig.....	.61	33	25	1	Pierce.....	Aug.	15	1946		3945
Elkhorn R., N.F.	Otto, Alfred	Pierce.....	Pump.....	Irrig.....	.86	9	26	2	Pierce.....	Aug.	20	1946		3946

Elkhorn R., N. F.	Magdanz, Donald F., et al	Pierce.....	Pump.....	Irrig.....	1.83	32	27	2	Pierce.....	Sept.	11	1946	3958
Elkhorn R., N. F.	Jochens, Gilbert.....	Pierce.....	Pump.....	Irrig.....	.83	5	26	2	Pierce.....	Feb.	2	1948	4197
Elkhorn R., N. F.	Fenske, Walter.....	Hoskins.....	Pump.....	Irrig.....	.77	6	25	1	Pierce.....	June	4	1948	4278
Elkhorn R., N. F.	Wolf, David.....	Pierce.....	Pump.....	Irrig.....	.29	23	26	2	Pierce.....	Sept.	14	1946	3961
Elkhorn R., S. F.	Rothleuter, Albert.....	Ewing.....	Flour Mills.....	Power.....	33.00	3	26	9	Holt.....	Aug.	21	1898	464
Elkhorn R., S. F.	Hawk, James.....	Ewing.....	Pump.....	Irrig.....	.45	17	26	10	Holt.....	Jan.	3	1948	4166
Giles Creek.....	Young, Russell.....	Tilden.....	Pump.....	Irrig.....	.62	13	24	5	Antelope...	Nov.	24	1936	2663
Ground Water...	Reynolds, B. W.....	Fremont.....	Reynolds Well.....	Irrig.....		3	17	8 E	Dodge.....	Nov.	13	1940	3329*
Ground Water...	Reynolds, Wilson B. and Cassius J.....	Fremont.....	Reynolds Well.....	Irrig.....		33	18	8 E	Dodge.....	Feb.	4	1941	3382*
Ground Water...	Reesman, Mrs. Lillian E.	Falls City.....	Reesman Well.....	Irrig.....		25	18	6	Dodge.....	May	22	1947	4076*
Ground Water...	Greeley, Ruth E.....	Weston.....	Greeley Wells.....	Irrig.....		18	25	6	Antelope...	Oct.	4	1947	4120*
Ground Water...	Armstrong, James S.....	Greenwood.....	Armstrong Well.....	Irrig.....		22	12	9 E	Cass.....	Jan.	31	1950	4532*
Holt Creek.....	Schermerhorn, F. D.....	Omaha.....	Schermerhorn Canal.....	Irrig.....	1.89	5	28	13	Holt.....	May	9	1941	3441
Knebel-Pofahl Lake	Knebel, Ernest H.....	Norfolk.....	Pump.....	Irrig.....	.27	2	23	1	Madison...	Nov.	20	1939	3020
Knebel-Pofahl Lake	Knebel, Sophia.....	Norfolk.....	Pump.....	Irrig.....	.35	2	23	1	Madison...	Feb.	17	1940	3092
Logan Creek (Oakland Dr.)	Johnson, Harry G.....	Oakland.....	Pump.....	Irrig.....	1.71	35	22	8 E	Burt.....	Feb.	20	1931	2192
Logan Creek (Oakland Dr.)	Johnson, J. A.....	Oakland.....	Pump.....	Irrig.....	.92	36	22	8 E	Burt.....	Sept.	10	1931	2236
Logan Creek.....	Havekost, Bernard.....	Hooper.....	Pump.....	Irrig.....	.37	33	20	8 E	Dodge.....	July	10	1936	2586
Logan Creek.....	Meyer, Laurence H. and Meyer, Christof	Hooper.....	Pump.....	Irrig.....	1.41	16	20	8 E	Dodge.....	July	24	1936	2595

"R" Denotes relocation.

*Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Logan Creek.....	Schole, George H.....	Hooper.....	Pump.....	Irrig.....	.38	32	20	8 E	Dodge.....	July	24	1936		2596
Logan Creek.....	Uehling, Orville T.....	Uehling.....	Pump.....	Irrig.....	.26	3	20	8 E	Dodge.....	July	25	1936		2598
Logan Creek.....	Meyer, Wm. J.....	Bancroft.....	Pump.....	Irrig.....	1.33	26	24	7 E	Cuming.....	July	27	1936		2599
Logan Creek (Oakland Dr.)	Kuhlman-Von Essen.....	Oakland.....	Pump.....	Irrig.....	.70	14	21	8 E	Burt.....	Aug.	1	1936		2604
Logan Creek.....	Hoergmeyer, Otto.....	Hooper.....	Pump.....	Irrig.....	.69	33	20	8 E	Dodge.....	Aug.	17	1936		2615
Logan Creek.....	Golder, J. S.....	Oakland.....	Pump.....	Irrig.....	.14	3	20	8 E	Dodge.....	Aug.	26	1936		2624
Logan Creek (Pender Dr.)	Novak, Victor.....	Pender.....	Pump.....	Irrig.....	.78	36	25	6 E	Thurston...	Sept.	2	1936		2632
Logan Creek.....	Havekost, William.....	Hooper.....	Pump.....	Irrig.....	.43	29	20	8 E	Dodge.....	Nov.	12	1936		2659
Logan Creek (Bancroft Dr.)	Ronenkamp, William.....	Bancroft.....	Pump.....	Irrig.....	.26	26	24	7 E	Cuming.....	Dec.	26	1936		2675
Logan Creek.....	Hall D.....	Wayne.....	Pump.....	Irrig.....	.08	13	26	3 E	Wayne.....	Jan.	28	1937		2688
Logan Creek (Pender Dr.)	Burmester, H. H.....	Pender.....	Pump.....	Irrig.....		16	25	6 E	Thurston...	Mar.	2	1937		2707
Logan Creek.....	Jordan and Moodie.....	Bancroft.....	Pump.....	Irrig.....	1.42	22	24	7 E	Cuming.....	Mar.	9	1937		2712
Logan Creek.....	Von Essen, Mrs. Marie.....	Oakland.....	Pump.....	Irrig.....	.26	3	20	8 E	Dodge.....	Mar.	13	1937		2714
Logan Creek.....	Ross, Albert T.....	Bancroft.....	Pump.....	Irrig.....	.76	15	24	7 E	Cuming.....	May	4	1937		2739
Logan Creek (Lyons Dr.)	Roscoe, Irving G.....	Lyons.....	Pump.....	Irrig.....	1.04	23	23	8 E	Burt.....	Oct.	5	1937		2795
Logan Creek (Bancroft Dr.)	Hughes, Helen M.....	Gretna.....	Pump.....	Irrig.....	.64	32	24	8 E	Thurston...	July	28	1939		2942
Logan Creek (Bancroft Dr.)	Samson, Kenneth.....	Bancroft.....	Pump.....	Irrig.....	.35	23	24	7 E	Cuming.....	Aug.	4	1939		2947
Logan Creek (Lyons Dr.)	White, H. S.....	Lyons.....	Pump.....	Irrig.....	.97	2	23	8 E	Burt.....	Sept.	6	1939		2950
Logan Creek (Bancroft Dr.)	Kratochvil, Vaclav.....	Bancroft.....	Pump.....	Irrig.....	1.73	22	24	7 E	Cuming.....	Sept.	12	1939		2963

Logan Creek (Pender Dr.)	Hilker, John	Pender	Pumps	Irrig.	.66	5 25	7 E	Cuming	Sept.	20	1939	2966
Logan Creek (Pender Dr.)	Branham, Ruth E.	Omaha	Pump	Irrig.	.49	22 25	6 E	Cuming Thurston	Sept. Dec.	20 18	1939 1939	2966 3057
Logan Creek (Pender Dr.)	John Hancock Mutual Life Insurance Co.	Sioux City, Ia.	Pump	Irrig.	.96	22 25	6 E	Thurston	Jan.	8	1940	3072
Logan Creek (Logan Dr.)	Bradford, Richard	Winnebago	Pump	Irrig.	.49	25 26	5 E	Thurston	Apr.	15	1940	3135
Logan Creek (Logan Dr.)	Collins, E. Ruth Collins, Edla A.	Wakefield	Pump	Irrig.	.20	36 27	4 E	Dixon	Apr.	18	1940	3139
Logan Creek (Logan Dr.)	Mason, Wm.	Laurel	Pump	Irrig.	.71	3 28	3 E	Cedar	June	17	1940	3181
Logan Creek	Preston, Keith	Lyons	Pump	Irrig.	.66	11 22	8 E	Burt	July	15	1946	3927
Logan Creek	Uehling, Kenneth C.	Lyons	Pump	Irrig.	.56	11 22	8 E	Burt	July	17	1946	3928
Logan Creek	Henningsen, Harvey C.	Allen	Pump	Irrig.	.91	2 27	4 E	Dixon	Sept.	7	1946	3954
Logan Creek	Borman, Ivan	Wakefield	Pump	Irrig.	1.41	18 27	5 E	Dixon	Jan.	30	1947	4029
Logan Creek	Blatchford, Robert	Wakefield	Pump	Irrig.	.81	19 27	5 E	Dixon	Aug.	30	1947	4102
Logan Creek	Kvols, Nick	Laurel	Pump	Irrig.	.71	13 28	3 E	Cedar	Sept.	22	1947	4117
Logan Creek	Meyer, Laurence H.	Hooper	Pump	Irrig.	1.35	16 20	8 E	Dodge	Mar.	16	1948	4233
Logan Creek	Peterson, Arvid N.	Laurel	Pump	Irrig.	.43	19 28	4 E	Dixon	Apr.	13	1948	4244
Logan Creek	Carey, Floyd	Bancroft	Pump	Irrig.	1.33	25 24	7 E	Cuming	Apr.	27	1948	4251
Logan Creek	Lamplott, Joe	Thurston	Pump	Irrig.	1.88	9 24	7 E	Cuming	May	14	1948	4265
Logan Creek	Gleeson, LeRoy	Lyons	Pump	Irrig.	.49	34 24	8	Burt	June	19	1948	4291
Logan Creek	Graff, R. Chester	Bancroft	Pump	Irrig.	1.02	15 24	7 E	Cuming	June	24	1948	4297
Logan Creek	Henningsen, Harvey C.	Allen	Pump	Irrig.	.54	39 28	4 E	Dixon	Jan.	19	1949	4424
Maple Creek	Luther, Howard J.	Nickerson	Pump	Irrig.	2.72	10 18	8 E	Dodge	Dec.	19	1934	2500
Maple Cr., East	Kovarik, Joseph F.	Howells	Pump	Irrig.	.36	10 19	4 E	Colfax	Aug.	7	1939	2949
Maple Cr., East	Svoboda, Milo	Dodge	Pump	Irrig.	.96	15 19	4 E	Colfax	Aug.	16	1939	2952
Maple Creek, Middle Fork	Janecek, James	Schuyler	Pump	Irrig.	.26	13 19	3 E	Colfax	Jan.	18	1940	3077
Middle Creek	Malone, Robert	Lincoln	Ice Plant	Ice	10.00	30 10	6 E	Lancaster	Dec.	26	1907	883

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-B—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Middle Creek	Ivers, Claude B.	Lincoln	Pump	Irrig.	.26	28	10	6E	Lancaster	Jan.	7	1938	2823
Middle Creek	Lilly, Richard J.	Lincoln	Pump	Irrig.	.73	28	10	6E	Lancaster	Dec.	26	1939	3068
Middle Creek, So. Branch	Tolstead, Wm. L.	Fremont	Pump	Irrig.	.15	21	10	5E	Lancaster	Dec.	22	1947	4162
Oak Creek	Eiche, Herman	Lincoln	Eiche Plant	Irrig.	.71	17	10	6E	Lancaster	Jan.	4	1899	489
Oak Creek	Cheney, E. J.	Lincoln	Pump	Irrig.	.45	8	10	6E	Lancaster	Feb.	6	1929	2069
Oak Creek	Hanich, Edward	Lincoln	Pump	Irrig.	.15	8	10	6E	Lancaster	Nov.	21	1929	2115
Oak Creek	Clark, Arthur	Lincoln	Pump	Irrig.	.14	17	10	6E	Lancaster	Apr.	11	1930	2132
Oak Creek	Cheney, L. H.	McCook	Pump	Irrig.	.66	8	10	6E	Lancaster	Sept.	22	1931	2239
Oak Creek	Witmer, J. L.	Lincoln	Pump	Irrig.	.04	15	10	6E	Lancaster	Feb.	8	1933	2301
Oak Creek	Burcham, W. F.	Lincoln	Pump	Irrig.	1.73	20	11	6E	Lancaster	July	13	1934	2422
Oak Creek	Bennett, John R.	Lincoln	Pump	Irrig.	1.49	29	11	6E	Lancaster	Sept.	14	1936	2639
Oak Creek, Branch of	Boyd, Josephine	Raymond	Pump	Irrig.		1	11	5E	Lancaster	July	1	1950	4718
Pebble Creek	Dahl, Howard C.	Scribner	Pump	Irrig.	.46	6	19	7E	Dodge	July	17	1936	2589
Pebble Creek	Vakiner Brothers	West Point	Pumps	Irrig.	1.63	34	20	5E	Dodge	Sept.	9	1936	2637
Pebble Creek	Gordon, George S.	Scribner	Pump	Irrig.	.18	35	20	6E	Dodge	Dec.	8	1939	3039
Pebble Creek	Dahl, Howard C.	Scribner	Pump	Irrig.	.57	36	20	6E	Dodge	Jan.	10	1940	3074
Perrin Creek	Erickson, Fred	Coleridge	Pump	Irrig.	.59	23	29	2E	Cedar	July	22	1949	4490
Platte River	Ross, Chas. F.	Omaha	Platte River Plant	Power	2500.00	6	14	10E	Douglas	Nov.	24	1909	970
Platte River	Farmlee and Rawls	Plattsmouth	Plattsmouth Plant	Power	2000.00	32	13	13E	Cass	Sept.	4	1914	1379
Platte River	City of Lincoln	Lincoln	Ashland Water Plant	Domestic			13	10	Saunders	Nov.	8	1948	4361*
							13	9	Saunders	Nov.	8	1948	4361*

Rawhide Creek...	Cowles, S. C.....	Waterloo.....	Pump.....	Irrig.....	.46	17	16	10 E	Douglas.....	Aug.	7	1936	2606	
Rawhide Creek...	Hollingsworth, R. E.....	Omaha.....	Pump.....	Irrig.....	.43	16	16	10 E	Douglas.....	June	9	1937	2751	
Rock Creek.....	Stark, Chris.....	Ceresco.....	Pump.....	Irrig.....	1.08	31	13	7 E	Saunders..	Aug.	6	1931	2225	
Rock Creek.....	Jeffrey, Louis.....	Waverly.....	Pump.....	Irrig.....	.46	34	12	8 E	Lancaster..	May	12	1934	2382	
Rock Creek.....	Armstrong and Landon..	Greenwood.....	Pump.....	Irrig.....	1.24	35	12	8 E	Lancaster..	Sept.	2	1939	2956	
Rock Creek.....	Jeffrey, James and Louis	Waverly.....	Pump.....	Irrig.....	.20	35	12	8 E	Lancaster..	Sept.	29	1939	2978	
Rock Creek.....	Van Landingham, Claude	Lincoln.....	Pump.....	Irrig.....	.50	25	13	6 E	Saunders..	Nov.	27	1939	3031	
Rock Creek.....	Brauckmuller, Ernest ...	Waverly.....	Pump.....	Irrig.....	.31	3	12	8 E	Lancaster..	Nov.	3	1947	4139	
Ryans Creek.....	Elkhorn River Drainage District	Fremont.....	Cutoff "H" Ditch.....	Drainage.		4	17	9 E	Dodge.....	Oct.	16	1909	966	
Salt Creek.....	C. B. & Q. R. R. Co....	Lincoln.....	C. B. & Q. Supply.....	Domestic.	2.00	3	9	6 E	Lancaster..	Sept.	20	1923	1722	
Salt Creek.....	Rutherford, Frank.....	Hastings.....	Pump.....	Irrig.....	9.11	24	11	7 E	Lancaster..	July	1	1925	1766	
Salt Creek.....	State Board of Control..	Lincoln.....	Penitentiary Canal.....	Irrig.....	3.00	11	9	6 E	Lancaster..	June	15	1926	1817	
Salt Creek.....	Roper, C. H.....	Lincoln.....	University Duck Pond..	Resort.....		32	11	7 E	Lancaster..	July	29	1926	1837	
Salt Creek.....	Splain, William F.....	Lincoln.....	Pump.....	Irrig.....	.11	25	9	6 E	Lancaster..	June	18	1934	2412	
Salt Creek.....	Cropsey, Harry T.....	Lincoln.....	Pump.....	Irrig.....	.72	26	9	6 E	Lancaster..	Dec.	8	1939	3040	
Salt Creek.....	Cropsey, Harry T.....	Lincoln.....	Pump.....	Irrig.....	.33	26	9	6 E	Lancaster..	May	24	1940	3164	
Salt Creek Ravine, Trib. to	Izaak Walton League...	Lincoln.....	Izaak Walton Reservoir.	Storage...		5	10	7 E	Lancaster..	Oct.	6	1949	4519	
Sand Creek.....	Hudec, Joe.....	Wahoo.....	Wanahoo Park Lake.....	Fish.....	†12	A F	3	14	7 E	Saunders...	July	25	1934	2442
Sand Creek.....	Dolezal, Edward.....	Wahoo.....	Dolezal Lake.....	Fish.....	†2.25	A F	22	15	7 E	Saunders...	Aug.	1	1934	2452
Scott Reservoir..	Scott, R. D.....	Raymond.....	Pump.....	Irrig.....		22	12	5 E	Lancaster..	Dec.	7	1936	2762	
Silver Creek.....	Game, Forestation and Parks Commission	Lincoln.....	Armour & Co. Reservoir	Ice.....	10.00	7	13	9 E	Saunders...	Oct.	18	1897	415	
Silver Creek.....	Hanke, Herman.....	Palmer.....	Pump.....	Irrig.....	.50	35	14	8 E	Saunders...	July	23	1934	2436	

*Application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-B—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Silver Creek	Gooding, T. H.	Lincoln	Pump	Irrig.		27	14	8 E	Saunders	June	23	1950	4713
Springs	Newton Land Co.	Omaha	Spring Branch Canal	Irrig.	.07	13	14	13 E	Sarpy	June	18	1895	29
Springfield Cr.	Trumble, Floyd D.	Papillion	Pump	Irrig.	.55	36	13	11 E	Sarpy	July	8	1937	2760
Stevens Creek	Moore, R. E.	Lincoln	Stevens Creek Canal	Irrig.	1.00	2	10	7 E	Lancaster	Nov.	19	1913	1335
Stevens Creek	University of Nebraska	Lincoln	Pump	Irrig.		11	10	7 E	Lancaster	July	13	1950	4724
Taylor Creek	Leu, John	Madison	Pump	Irrig.	.85	25	22	2	Madison	Aug.	19	1936	2619
Taylor Creek	Robertson, J. D.	Madison	Pump	Irrig.	.75	30	22	1	Madison	Oct.	30	1939	3002
Taylor Creek	Leu, George	Madison	Pump	Irrig.	.26	25	22	2	Madison	Oct.	31	1940	3316
Taylor Creek	Leu, George	Madison	Pump	Irrig.	.39	26	22	2	Madison	Sept.	18	1943	3653
Taylor Creek	Tallquist, Jane	Madison	Pump	Irrig.	.39	27	22	2	Madison	Aug.	15	1949	4500
Union and Taylor Creeks	Brechler and Neeley	Madison	Union Valley Roller Mills	Power		32	22	1	Madison				998*
Union Creek	Krueger, Fred L.	Madison	Pump	Irrig.	.43	24	21	2	Madison	May	9	1934	2379
Union Creek	Steckelberg, Carl Frederic	Lincoln	Pump	Irrig.	2.33	31	22	1 E	Stanton	Aug.	13	1934	2461
Union Creek	Fuchs, John B.	Stanton	Pump	Irrig.	.85	31	23	2 E	Stanton	May	22	1936	2580
Union Creek	Christian Bros.	Madison	Pump	Irrig.	1.68	32	22	1	Madison	Nov.	4	1936	2652
Union Creek	Mastny, Frank	Stanton	Pump	Irrig.	1.45	1	22	1 E	Stanton	Nov.	9	1936	2656
Union Creek	Jacobsen, Chas. H.	Omaha	Pump	Irrig.	.43	13	21	2	Madison	Mar.	20	1937	2720
Union Creek	Long, Fred and Sons	Madison	Pump	Irrig.	.72	29	22	1 E	Stanton	July	15	1937	2761
Union Creek	Luxa, Longin	Stanton	Pump	Irrig.	1.02	1	22	1 E	Stanton	Aug.	29	1939	2954
Union Creek	Price, Willet J.	Wisner	Pump	Irrig.	.33	21	22	1 E	Stanton	Sept.	8	1939	2960

Union Creek	Martin and Purdy	Madison	Pump	Irrig.	.43	1	21	1	Madison	Oct.	26	1939	2998	
Union Creek	Balzer, Irene M.	De Smet, S. D.	Pump	Irrig.	.39	35	21	2	Madison	Dec.	19	1939	3062	
	Mortimer, Daisy A.	Compton, Cal.												
Union Creek	Martin, J. E., et al.	Madison	Pump	Irrig.	.07	1	21	1	Madison	May	2	1940	3146	
Wahoo Creek	Wahoo Hunting Club	Lincoln	Ayr Lake	Resort	†60	AF	28	13	9E	Saunders	Dec.	30	1930	2184
Wahoo Creek	Treptow, Herman	Ithaca	Pumps	Irrig.	1.43	20	14	8E	Saunders	July	25	1934	2444	
									8E	Saunders	July	25	1934	2444
Wahoo Creek	Ludvik, Antonie	Wahoo	Pump	Irrig.	.96	29	14	8E	Saunders	Aug.	15	1934	2463	
Wahoo Creek	Lanik, Joe L.	Wahoo	Pump	Irrig.	.64	8	14	7E	Saunders	May	6	1940	3150	
Walz Lake	Walz, Dorothy C.	Battle Creek	Pump	Irrig.	.17	22	24	3	Madison	Mar.	3	1937	2708	
Willow Creek	Hetrick, Geo. J.	Pierce	Pump	Irrig.	.05	26	26	4	Pierce	May	18	1937	2743	
Willow Creek	Synovec, Fred	Pierce	Pump	Irrig.	.64	32	26	3	Pierce	June	19	1939	2931	
Willow Creek	Askey, H. A.	Lincoln	Pump	Irrig.		21	26	4	Pierce	July	24	1942	3461*	
Willow Creek	Vinson, Alfred A.	Pierce	Vinson Reservoir	Storage	†10	AF	33	26	3	Pierce	Sept.	19	1946	3964
Willow Creek	Hetrick, George	Pierce	Hetrick Reservoir	Storage	†6	AF	26	26	4	Pierce	Sept.	21	1946	3965
Willow Creek	Kruntorad, James	Pierce	Kruntorad Reservoir	Storage	†3	AF	3	25	3	Pierce	Sept.	23	1946	3968
Willow Creek	Schulz, Geo.	Pierce	Pump	Irrig.	.11	27	26	2	Pierce	Jan.	16	1948	4185	
Zimmerer-Kuehn Lake	Zimmerer, Joe	Humphrey	Pump No. 2	Irrig.	.48	17	23	3E	Stanton	Jan.	16	1940	3076	

*Claim not adjudicated, or application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-C

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi-sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Abitz Creek.....	Fullerton, J. B.....	Atkinson.....	Fullerton Canal No. 2...	Irrig.....	.36	18	30	13	Holt.....	Mar.	23	1896		278
Alkali Lake, Little	Baker, Ralph A.....	Valentine.....	Pump No. 4.....	Irrig.....		15	31	28	Cherry.....	Apr.	21	1950		4651*
Anderson Res.....	Anderson, Otto.....	Hay Springs.....	Anderson Canal.....	Stor.-only.		2	29	47	Dawes.....	Oct.	16	1940		3396
Antelope Creek...	Julian, A. R., et al.....	Gordon.....	Antelope Canal.....	Irrig.....	.36	21	32	40	Cherry.....	June	29	1905		798
Antelope Creek...	Louks, W. A.....	Gordon.....	Pump.....	Irrig.....	.12	30	33	41	Sheridan...	May	22	1933		2322
Antelope Creek...	Green, M. E.....	Gordon.....	Pump.....	Irrig.....	.09	30	33	41	Sheridan...	May	29	1934		2387
Antelope Creek...	McGaughey, Chas. O....	Gordon.....	Pump.....	Irrig.....	.14	30	33	41	Sheridan...	Mar.	29	1949		4460
Antelope Creek...	Nielson Brothers.....	Gordon.....	Pump.....	Irrig.....	.85	3	32	41	Sheridan...	Apr.	13	1949		4462
Antelope Creek...	Nielson Brothers.....	Gordon.....	Pump.....	Irrig.....	2.15	3	32	41	Sheridan...	Jan.	14	1950		4570
Ashburn Creek...	Zilmer, W. H.....	Valentine.....	Ashburn Canal.....	Irrig.....	.43	27	34	26	Cherry.....	June	17	1902		676
Bear Creek.....	Skinner, Thomas.....	Springview.....	Skinner Canal.....	Irrig.....	.23	15	32	21	Keya Paha..	June	20	1888	609	
Bear Creek.....	Cederberg, P.....	Springview.....	Cederberg Canals 1-2....	Irrig.....	.02	3	32	21	Keya Paha..	Oct.	3	1898		479
#Bear Creek.....	Woods Bros. Realty Co..	Lincoln.....	Woods Brothers Canal...	Irrig.....	11.78	29	34	35	Cherry.....	Sept.	21	1928		2035
Bear Creek.....	Cole, D. Jason.....	Merriman.....	Cole Dams.....	Irrig.....	8.19	13	34	37	Cherry.....	Feb.	24	1932		2254
						14	34	37	Cherry.....	Feb.	24	1932		2254
						7	34	36	Cherry.....	Feb.	24	1932		2254
						8	34	36	Cherry.....	Feb.	24	1932		2254
						10	34	36	Cherry.....	Feb.	24	1932		2254
Bear Creek.....	Bates, Harold S.....	Merriman.....	Bates Dams.....	Irrig.....	6.50	8	34	37	Cherry.....	July	12	1932		2276
						7	34	37	Cherry.....	July	12	1932		2276
						12	34	38	Cherry.....	July	12	1932		2276
Bear Creek.....	Bowring, Mrs. Arthur...	Merriman.....	Bar 99 Ranch Canal.....	Irrig.....	.43	15	34	37	Cherry.....	Aug.	31	1932		2282
Bear Creek.....	Bowring, Mrs. Arthur...	Merriman.....	Bar 99 Ranch Canal.....	Irrig.....	.37	16	34	37	Cherry.....	Aug.	31	1932		2282R

Bear Creek	Bowring, Mrs. Arthur...	Merriman.....	Bar 99 Ranch Canal.....	Irrig.....	.47	8	34	37	Cherry.....	Feb.	9	1937	2696
Bear Creek	Bowring, Eva.....	Merriman.....	Bar 99 Ranch Canal.....	Irrig.....	.13	16	34	37	Cherry.....	Dec.	8	1938	2898
Bear Creek	Bowring, Eva.....	Merriman.....	Bar 99 Ranch Canal.....	Irrig.....	.65	16	34	37	Cherry.....	Oct.	31	1940	3321
Bear Creek	Game, Forestation and Parks Commission	Lincoln.....	Cottonwood Lake.....	Fish.....		16	34	37	Cherry.....	Nov.	4	1941	3523*
Beeman Creek	Vargason, Orval	Riverview.....	Beeman Canal	Irrig.....	1.00	23	32	20	Keya Paha..	May	20	1892	620
Beeman Creek	Barnard, C. O.....	Springview.....	Barnard Canal.....	Irrig.....	.43	21	32	20	Keya Paha..	June	1	1892	603
Beeman Creek	Rickman, A. L.....	Springview.....	Beeman Canal	Irrig.....	.30	23	32	20	Cherry.....	July	25	1895	613
Big Sandy Creek.	Pickler, W. S.....	Cody.....	Badger Canal.....	Irrig.....	1.14	12	33	14	Holt.....	May	16	1902	667
Big Sandy Creek.	Johnson, C. A.....	Butte.....	Badger Mill.....	Power.....	35.00	12	33	14	Holt.....	Aug.	28	1902	685
Black Bird Creek.	Mullen, A. F.....	O'Neill.....	Mullen Canal.....	Irrig.....	1.00	20	31	11	Holt.....	Aug.	18	1894	267
Blue Bird Creek.	Murphy, P.....	O'Neill.....	Murphy Canal.....	Irrig.....	1.00	26	30	11	Holt.....	Sept.	7	1894	273
Boardman Creek.	Ravenscraft, Olin	Kennedy.....	Bachelor Canal.....	Irrig.....	27.29	33	30	32	Cherry.....	Jan.	17	1935	2506
Boardman Creek.	Bachelor, C. B.....	Valentine.....	Bachelor Canal.....	Irrig.....	9.17	31	30	32	Cherry.....	May	11	1939	2922
Bone Creek.....	Bailey, R. R.....	Ainsworth.....	Pump	Irrig.....	1.15	14	30	22	Brown.....	Jan.	29	1942	3549
Bone Creek.....	Rohweder, Art.....	Ainsworth.....	Pump	Irrig.....		7	30	21	Brown.....	June	14	1950	4700
Box Butte Creek.	Sandoz, Wm.....	Marsland.....	Billys Canal	Irrig.....	.21	29	29	45	Sheridan...	Jan.	13	1900	533
Box Butte Creek.	Reiter, Mrs. Marion.....	Indianola.....	Pump	Irrig.....		30	29	45	Sheridan...	June	5	1950	4690
Box Butte Creek.	Heaton, James.....	Hay Springs.....	Pump	Irrig.....		36	29	46	Sheridan...	June	6	1950	4691
Box Butte Creek.	Heaton, James.....	Hay Springs.....	Heaton Reservoir.....	Storage...		36	29	46	Sheridan...	June	6	1950	4692
Brush Creek.....	Nebraska Townsite Co...	Ferry.....	Brush Creek Plant.....	Power.....	15.00	23	33	13	Holt.....	Sept.	28	1898	474
Brush Creek, East Branch	McCarthy, M. H.....	O'Neill.....	McCarthy Canal No. 1...	Irrig.....	.50	24	32	14	Holt.....	July	1	1894	264

Stor-only. Land does not have a direct flow appropriation.
 *Application pending.
 #Bear Creek in Keya Paha County is a different stream than Bear Creek in Cherry County.
 "R" Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-C—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Brush Creek, West Branch	McCarthy, M. H., et al.	O'Neill	McCarthy Canal No. 2	Irrig.	.64	26	32	14	Holt	Aug.	15	1894	266	
Burton Creek	Mutz, Otto	Springview	Burton Creek Canal	Irrig.	.57	19	34	19	Keya Paha	June	30	1895	608b	
Burton Creek	Mutz, Otto	Springview	One Trip Canal	Irrig.	.36	2	33	20	Keya Paha	Sept.	2	1895		142
Burton Creek	Horton, C. B. and F. T.	Springview	Placid Reservoir	Storage	†80 AF	17	34	19	Keya Paha	Feb.	24	1941		3400
Burton Creek, Springs, Trib. to	Baker, Jno. D.	Burton	Pheasant Roost Lake	Fish.	†12 AF	5	34	19	Keya Paha	May	15	1940		3160
Canyon, Trib. to	Gilmore, Emery	South Omaha	Gilmore Canal	Irrig.	14.29	36	30	54	Sioux	July	5	1907		863
Cedar Creek	McNamee, Leonard P.	Johnstown	Cedar Creek Canal	Irrig.	.43	4	30	24	Brown	Sept.	28	1910		1027
Coffey Lake, et al	Coffey Lake Drainage District	Valentine	Coffey Lake Ditch	Drainage			33	39	Cherry	Nov.	22	1923		1729
							33	38	Cherry	Nov.	22	1923		1729
Coon Creek (See Laughing Water Creek)	Leonard, J. R.	Bassett	Pump	Irrig.	1.00	24	32	19	Rock	Aug.	17	1933		2344
Coon Creek	Leonard, J. R.	Bassett	J. R. Leonard Canal	Irrig.	1.14	24	32	19	Rock	Oct.	19	1940		3301
Coon Creek	Hughes, Joe	Bassett	Hughes Canal	Irrig.	.06	25	32	19	Rock	Oct.	21	1940		3302
Cottonwood Creek	Morrissey, Tim	Hemingford	Morrissey Canal	Irrig.	.71	17	29	48	Dawes	Feb.	16	1895	481	
Cottonwood Creek	Fendrich and Lichte	Hemingford	Fendrich-Lichte Canal	Irrig.	.64	22	29	48	Dawes	May	9	1896		336
Cottonwood Creek	Lichte, Hugo	Chadron	Dunlap Canal	Irrig.	.36	22	29	48	Dawes	July	18	1911		1113
Coyote Springs	Watson, Claude R.	Mitchell	Watson Canal	Irrig.	1.41	16	27	54	Sioux	July	7	1934		2418

Coyote Springs..	Watson, Claude R.....	Mitchell.....	Coyote Spring Reservoir	Storage...	†15 A F	16	27	54	Sioux.....	Apr.	1	1936	2572
Coyote Springs Reservoir	Watson, Claude R.....	Mitchell.....	Coyote Springs Canal....	Stor-only.		16	27	54	Sioux.....	Apr.	1	1936	2579
Crooked Creek..	Mutz, Otto	Springview..	Mutz Canal	Power....	3.00	20	34	19	Keya Paha..	Dec.	31	1889	608a
Crooked Creek..	Mutz, Otto	Springview..	Mutz Canal	Irrig.....	1.00	20	34	19	Keya Paha..	June	30	1895	608b
Cross Creek	Hutchinson, W. H.....	Norden.....	Hutchinson Canal	Irrig.....	.21	8	33	24	Keya Paha..	Sept.	1	1888	615
Cub Creek	Tissue and Patterson...	Springview..	Tissue-Patterson Canal..	Irrig.....	.03	16	33	22	Keya Paha..	June	30	1894	618
Cub Creek	Josiassin, S.	Meadville...	McComber Canal	Irrig.....	.10	28	33	22	Keya Paha..	Aug.	15	1894	589
Deer Creek	Stansbie and Engel Company, Inc.	Hyannis.....	Pump	Irrig.....	1.85	5	29	42	Sheridan...	Apr.	19	1949	4466
Dry Creek	Christensen, Chris	Merriman...	Dry Creek Canal	Irrig.....	.41	18	34	38	Cherry.....	July	8	1935	2552
Dry Creek	Moreland, Grace E....	Merriman...	Moreland Canal	Irrig.....	.93	16	34	37	Cherry.....	May	22	1937	2745
Dry Creek	Game, Forestation and Parks Commission	Lincoln.....	Cottonwood Lake	Fish....		16	34	37	Cherry.....	Feb.	26	1942	3555*
Eagle Creek	Bokhof, Wm.	Atkinson.....	Bokhof Canal	Irrig.....	2.86	6	30	13	Holt.....	Sept.	18	1894	275
Eagle Creek	Robertson, J. A.....	Atkinson.....	Eagle Valley Canal....	Irrig.....	2.29	1	30	14	Holt.....	Mar.	15	1895	280
Eagle Creek, South Branch	Becker, Samuel	Atkinson.....	Becker Canal	Irrig.....	1.14	8	30	13	Holt.....	Nov.	30	1894	274
Elk Creek	Lamb Brothers	Riverview...	Lamb Canal	Irrig.....	.01	6	31	19	Rock.....	Feb.	3	1934	2359
Elk Creek	Lamb Brothers	Riverview...	Lamb Power Plant.....	Power....	3.00	6	31	19	Rock.....	Feb.	3	1934	2360
Elk Creek	Koenig, Joe	Riverview...	Pine Grove Lake.....	Fish....	†1 A F	8	31	19	Rock.....	Apr.	30	1934	2375
Fairfield Creek..	Kuhre, Wm. M.....	Johnstown..	Kuhre Plant	Power....	25.00	31	33	23	Brown.....	Sept.	1	1893	612a
Fairfield Creek..	Kuhre, Wm. M.....	Johnstown..	Kuhre Canal	Irrig.....	.14	31	33	23	Brown.....	June	1	1894	612b
Glencove Springs.	Bakewell, Geo. G.....	Johnstown..	Glencove Canal	Irrig.....	.86	26	33	24	Brown.....	Mar.	1	1911	1067

†Reservoir capacity alleged by applicant.
 Stor-only. Land does not have a direct flow appropriation.
 *Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-C—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Gordon Creek...	Wolfenden, C. R.	Kennedy.....	Lee Canal	Irrig.....	6.86	6	29	33	Cherry.....	Apr.	25	1895	973	
Gordon Creek (Hackberry Lake, et al)	Game, Forestation and Parks Commission	Lincoln.....	Hackberry Lake	Fish.....	†5000 AF	7	30	29	Cherry.....	Oct.	18	1932		2289
Gordon Creek...	Fawn Lake Ranch Co...	Rushville....	Gordon Valley Reservoir.	Storage...	†95 AF	3	28	39	Cherry... ..	July	27	1940		3219
Gordon Creek...	Young, Phylander H....	Simeon.....	Young Lake	Resort...		24	32	29	Cherry... ..	Sept.	9	1940		3258
Gordon Creek...	McLeod, Gilmore	Brownlee....	McLeod Canal	Irrig.....	.82	6	29	30	Cherry... ..	Dec.	22	1949		4554
Gordon Valley Reservoir	Fawn Lake Ranch Co...	Rushville....	Gordon Valley Canal....	Stor-only.		3	28	39	Cherry... ..	July	27	1940		3427
Ground Water...	Newswanger, George ..	Alliance.....	Newswanger Well No. 3.	Irrig.....		35	28	47	Box Butte...	Nov.	18	1947		4149*
Ground Water...	Newswanger, E. L.	Alliance.....	Newswanger Well No. 2.	Irrig.....		34	26	47	Box Butte...	Nov.	18	1947		4150*
Ground Water...	Newswanger, E. L.	Alliance.....	Newswanger Well No. 1.	Irrig.....		34	26	47	Box Butte...	Nov.	18	1947		4151*
Ground Water...	Banks, Kenneth E.	Alliance.....	Banks Well.....	Irrig.....		4	26	48	Box Butte...	Jan.	3	1949		4413*
Ground Water...	Beckhoff, Kenneth E....	Alliance.....	Beckhoff Well.....	Irrig.....		11	26	47	Box Butte...	Mar.	31	1950		4631*
Hay Creek.....	Laughlin, Louis E.	Cody.....	Johnson Canal	Irrig.....	.50	19	35	34	Cherry.....	June	21	1940		3187
Hay Creek.....	Douglas Realty Co.....	Omaha.....	Hay Valley Canal.....	Irrig.....	7.96	26	35	34	Cherry.....	Dec.	15	1941		3540
Hay Springs Cr..	Barnes and Phillips....	Hay Springs..	Barnes-Phillips Reservoir	Storage...	†12 AF	8	31	46	Sheridan...	Apr.	15	1935		2539
Hay Springs Cr..	Game, Forestation and Parks Commission	Lincoln.....	Walgren Lake	Fish.....	†1280 AF	29	31	45	Sheridan...	May	20	1935		2549
Hay Springs Cr., North Branch	State Game and Parks Commission	Lincoln.....	Walgren Lake.....	Supp. S...	A-2549	19	31	45	Sheridan...	Dec.	15	1939		3053
Hay Springs Cr., Ravine, Trib. to	Linden, Laverne	Hay Springs..	Linden Reservoir.....	Storage...	†49 AF	1	31	46	Sheridan...	Nov.	26	1948		4378
Heckel Creek ...	Metzger, Paul.....	Merriman....	Metzger Project No. 1...	Irrig.....	.71	26	35	38	Cherry.....	Mar.	21	1938		2851

Heckel Creek	Metzger, Paul	Merriman	Metzger Project No. 2	Irrig.	.14	23	35	38	Cherry	Mar.	21	1938	2852
Holt Creek	Schoettger, F. J.	Burton	Schoettger Canal	Irrig.	.14	32	35	20	Keya Paha	Feb.	23	1895	595
Holt Creek, East	Akers, J. W.	Springview	Akers Canal	Irrig.	.14	1	34	21	Keya Paya	Aug.	1	1894	611
Horse Head Cr.	Bruce, A.	Norden	Bruce Canal	Irrig.	.17	16	33	24	Keya Paya	Sept.	7	1895	149
Horse Head Cr., Trib. to	Conger, C. K.	Norden	Conger Canal	Irrig.	.10	5	33	24	Keya Paya	Sept.	16	1895	158
Horse Shoe Lake, et al	Horse Shoe Lake Drainage District	Irwin	Horse Shoe Ditch	Drainage		13	34	40	Cherry	June	27	1916	1461
Horse Shoe Lake Drain Ditch	Game, Forestation and Parks Commission	Lincoln	Shell Lake	Fish	†800 AF	21	34	40	Cherry	June	14	1940	3130
Huggins Creek	Soper, H. K.	Burton	Soper Canal	Irrig.	.14	21	35	20	Keya Paya	Nov.	6	1894	592
Hull Lake, Springs, Trib. to Niobrara R.	Game, Forestation and Parks Commission	Lincoln	Hull Lake Reservoir	Storage	†32 AF	6	33	13	Boyd	Feb.	15	1950	4598
Jewett Creek	Jewett, C. P.	Meadville	E. L. Canal	Irrig.	.71	5	32	21	Keya Paya	Oct.	23	1894	590
Keyapaha River	Yocum, J. C.	Butte	Yocum Canal	Irrig.	1.14	23	34	15	Boyd	Sept.	7	1894	573
Keyapaha River	Bruce, Andrew & Son	Naper	Bruce Roller Mills	Power	100.00	24	34	16	Boyd	Oct.	5	1903	729
Keyapaha River	Cook, James E.	Mills	Pump	Irrig.	.28	3	34	18	Keya Paha	Feb.	24	1948	4211
Keyapaha River	Burkinshaw, A. E. and Floyd	Herrick, S. D.	Pump	Irrig.	.17	15	34	17	Keya Paha	Feb.	7	1950	4587
Kibby Creek	Green, Martha J.	Hillside	Green Canal	Irrig.	.01	28	34	16	Boyd	Apr.	1	1904	747
Laughing Water Creek (See Coon Creek)	Leonard, J. R.	Bassett	Pump	Irrig.	.43	25	32	19	Rock	Aug.	17	1933	2344

†Reservoir capacity alleged by applicant.

*Application pending.

Stor-only. Land does not have a direct flow appropriation.

Supp. S. Denotes additional storage water.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-C—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Laughing Water Creek	Leonard, J. R. and Raymond S.	Bassett.....	Leonard Canal	Irrig.....	.68	24	32	19	Rock.....	Oct.	31	1940		3320
Linden Reservoir.	Linden, Laverne.....	Hay Springs..	Linden Reservoir	Irrig.....		1	31	46	Sheridan....	Nov.	26	1948		4512
Long Pine Creek.	Consumers P. P. District	Columbus.....	Long Pine Plant.....	Power.....	48.00	30	30	20	Brown.....	Apr.	2	1909		941
Long Pine Creek.	Ainsworth Outdoor Club.	Ainsworth....	Ainsworth Reservoir	Storage...	†86 AF	19	29	20	Brown.....	Sept.	9	1946		3955
Long Pine Creek, Trib. to	Grant, C. G.....	Long Pine....	Grant Canal	Irrig.....	.14	4	31	20	Rock.....	Jan.	1	1895	400	
Louse Creek.....	Coakley, Walter.....	Comstock.....	Lansberry Canal.....	Irrig.....	.50	12	32	10	Holt.....	Sept.	18	1930		2166
Meglin Creek.....	Kibby, Clarence H.....	Naper.....	Kibby Reservoir.....	Storage...	†15 AF	21	34	16	Boyd.....	June	14	1949		4481
Middle Cr., E.B.	McGuire, M. W.....	Norden.....	McGuire Canal.....	Irrig.....	.71	32	33	23	Keya Paha..	June	1	1884	606	
Middle Cr., W.B.	Allen, M. M.....	Norden.....	Allen Canal.....	Irrig.....	.50	29	33	23	Keya Paha..	June	1	1891	616	
Middle Cr., W.B.	Allen, M. M.....	Norden.....	Allen Canal.....	Irrig.....	1.00	29	33	23	Keya Paha..	May	2	1904		753
Mile Board Laks.	Bd. of Co. Commissioners	Valentine....	Mile Board Ditch.....	Drainage.		5	34	35	Cherry.....	Sept.	17	1924		1750
Minnechaduza Cr.	Consumers P. P. Dist.	Columbus.....	Pierce Milling Plant.....	Power.....	35.00	30	34	27	Cherry.....	Sept.	12	1896		359
Minnechaduza Cr.	City of Valentine.....	Valentine....	Valentine Plant.....	Power.....	40.00	29	34	27	Cherry.....	Apr.	16	1913		1279
Minnechaduza Cr.	Village of Crookston.	Crookston....	Community Lake.....	Resort.....	†27 AF	7	34	29	Cherry.....	Dec.	13	1935		2568
Minnechaduza Cr.	Game, Forestation and Parks Commission	Lincoln.....	Valentine Lake.....	Fish.....	†98 AF	30	34	27	Cherry.....	July	15	1938		2878
Minnechaduza Cr., Ravine, Trib. to	Fox, Henry R.....	Kilgore.....	Fox Reservoir No. 4.....	Storage...	†14 AF	1	34	31	Cherry.....	Nov.	21	1949		4533

Minnehaduzza Cr. Ravine, Trib. to	Fox, Henry A.	Kilgore	Fox Reservoir No. 2	Storage	†24 AF	134	31	Cherry	Nov.	21	1949	4534	
Newman Creek	Newman, Philo	Norden	Newman Canal	Irrig.	.21	17	33	24	Keya Paha	July	1	1888	617
Niobrara River	Richardson, Wiley	Harrison	Lokotah Canal	Irrig.	5.85	1	30	57	Sioux	Oct.	1	1883	554
Niobrara River	Coffee Cattle Co.	Chadron	Earnest Canal No. 1	Irrig.	2.86	9	29	56	Sioux	May	1	1885	514a
Niobrara River	Bruce, A.	Norden	Bruce Mill	Power	60.00	16	33	24	Keya Paha	Apr.	1	1886	610
Niobrara River	Cook, J. H.	Agate	McGinley-Stover Lower North Canal	Irrig.	8.21	25	29	56	Sioux	May	1	1887	513a
Niobrara River	Furman, H. G., Jr.	Marsland	Pioneer Canal	Irrig.	7.14	36	29	51	Dawes	Aug.	1	1887	442a
Niobrara River	Wilkins, Orville T., et al	Marsland	McLaughlin Canal	Irrig.	7.14	9	28	52	Box Butte	May	1	1888	566
Niobrara River	Cook, J. H.	Agate	McGinley-Stover Lower South Canal	Irrig.	1.71	25	29	56	Sioux	May	1	1890	513b
Niobrara River	Hughes, John	Marsland	Hughes Canal	Irrig.	.57	1	28	52	Box Butte	May	31	1890	987a
Niobrara River	Coffee Cattle Co.	Chadron	Earnest Canal No. 2	Irrig.	2.14	9	29	56	Sioux	May	15	1891	514b
Niobrara River	Cook, J. H.	Agate	Cook Canals 1-2	Irrig.	3.54	2	28	56	Sioux	May	31	1891	980
Niobrara River	Ellicott, Don H., et al.	Harrison	Bigelow-Seymour Canal	Irrig.	1.20	19	31	57	Sioux	June	8	1891	510
Niobrara River	Hoover, Elzy	Greeley, Colo.	Pumps	Irrig.	1.20	21	31	57	Sioux	June	8	1891	510R
Niobrara River	Skavdahl, Oscar, et al.	Harrison	Harris-Neece Canal	Irrig.	8.57	3	28	55	Sioux	July	1	1892	517
Niobrara River	Furman, H. G., Jr.	Marsland	Pioneer Canal	Power	10.00	36	29	51	Dawes	Aug.	1	1893	442b
Niobrara River	Roll Mill Company	Marsland	Roll Mill	Power	35.00	5	28	51	Box Butte	Sept.	10	1893	970
Niobrara River	Green, Frank J., Estate	Boulder, Colo.	Meridian Canal	Irrig.	.57	25	29	50	Dawes	Jan.	10	1894	459
Niobrara River	Taylor, Geo. L., Estate	Nonpariel	Enterprise Canal	Irrig.	5.71	27	29	50	Dawes	Jan.	27	1894	461
Niobrara River	Furman, Willis B.	Marsland	Furman Canal	Irrig.	3.64	29	29	50	Dawes	Feb.	2	1894	462
Niobrara River	Hughes, John	Marsland	Hughes Canal	Irrig.	.30	1	28	52	Box Butte	Apr.	15	1894	987b
Niobrara River	Warneke, Henry, Estate	Harrison	Johnson Canal	Irrig.	2.09	35	31	57	Sioux	May	1	1894	511
Niobrara River	McMannis, J. T., et al.	Hemingford	McMannis-Neeland Canal	Irrig.	.86	29	29	49	Dawes	June	15	1894	463
Niobrara River	McCully, S. J.	Carnes	McCully Canal	Irrig.	8.57	25	32	20	Keya Paha	Aug.	7	1894	583
Niobrara River	Fienken, Chas.	Dustin	Fienken Canal	Irrig.	1.00	12	33	16	Boyd	Oct.	1	1894	575
Niobrara River	Wilson, J. A.	Springview	Wilson Canal	Irrig.	5.71	18	32	21	Keya Paha	Oct.	18	1894	591

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-C—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Niobrara River...	Iodence, W. M.	Hemingford...	Lichte Canal	Irrig.	1.43	27	29	48	Dawes.....	Jan.	24	1895	479	
Niobrara River...	Warneke, Hannah	Omaha.....	Warneke Canal	Irrig.	1.57	27	31	57	Sioux.....	Feb.	13	1895	505	
Niobrara River...	Cook, J. H.	Agate.....	McGinley-Stover Upper Canal	Irrig.	2.86	23	29	56	Sioux.....	Feb.	25	1895	521	
Niobrara River...	Harris, Frank	Marsland....	LaBelle Canal	Irrig.	2.00	6	28	54	Sioux.....	Mar.	12	1895	518	
Niobrara River...	Furman, Willis B.	Marsland....	Snow Canal	Irrig.	2.86	35	29	51	Dawes.....	Mar.	26	1895	485	
Niobrara River...	Wilkins, Orville T., et al	Marsland....	Excelsior Canal	Irrig.	2.86	10	28	52	Box Butte..	May	15	1895	568	
Niobrara River...	Mann, John E.	Harrison....	Bourret Canal	Irrig.	2.00	33	30	56	Sioux.....	June	8	1895	4	
Niobrara River...	Bourret, John S.	Harrison....	Bourret South Canal...	Irrig.	1.16	29	30	56	Sioux.....	June	10	1895	5	
Niobrara River...	Harris, Frank	Marsland....	LaBelle Canal	Irrig.	3.14	6	28	54	Sioux.....	July	3	1895	60	
Niobrara River...	Todd, Claude E.	Marsland....	Moore Canal	Irrig.	5.71	9	28	53	Sioux.....	July	22	1895	88	
Niobrara River...	Sandoz, George, et al.	Milan, Minn..	Mettlen Canal	Irrig.	4.90	4	28	54	Sioux.....	Apr.	27	1896	292	
Niobrara River...	Neeland, Sarah J.	Hemingford..	McMannis-Neeland Canal	Irrig.	1.07	29	29	49	Dawes.....	Apr.	9	1898	448	
Niobrara River...	Armstrong, T. S.	Butte.....	Armstrong Plant	Power....	150.00	9	33	13	Boyd.....	May	14	1898	452	
Niobrara River...	Hunter, Jas. A.	Alliance....	Meridian Canal	Irrig.	5.14	25	29	50	Dawes.....	Aug.	29	1898	469	
Niobrara River...	Bourret, J. S.	Harrison....	Bourret Canal	Irrig.	1.00	29	30	56	Sioux.....	Mar.	5	1900	542	
Niobrara River...	Richardson, Wiley	Harrison....	J. S. Bourret Canal	Irrig.	2.00	19	30	56	Sioux.....	Mar.	17	1900	546	
Niobrara River...	Montague, James H.	Hemingford..	Montague Canal	Irrig. ....	.43	27	29	48	Dawes.....	Sept.	27	1900	575
Niobrara River...	Montague, Elizabeth	Hemingford..	Chladek Canal	Irrig. ....	.30	26	29	48	Dawes.....	Mar.	18	1901	607
Niobrara River...	Wegrzyn, Bina	Hemingford..	Fendrich Canal	Irrig. ....	.29	32	29	48	Dawes.....	June	1	1901	616
Niobrara River...	Wegrzyn, Bina	Hemingford..	Fendrich Canal	Irrig. ....	.27	32	29	48	Dawes.....	June	1	1901	617
Niobrara River...	Consumers P. P. District	Columbus....	Valentine Plant	Power....	1600.00	27	34	27	Cherry.....	Jan.	29	1902	652	
Niobrara River and Pepper Cr.	Taylor, D. T.	Hay Springs..	Taylor Canal	Irrig.	4.57	28	29	47	Dawes.....	Aug.	8	1904	766	
Niobrara River...	Kirk, E. L.	Sioux City, Ia.	Nebr. Pwr. Co. Plant...	Power....	900.00	34	32	7	Knox.....	Sept.	24	1909	961	
Niobrara River...	Kirk, E. L.	Sioux City, Ia.	Nebr. Pwr. Co. Plant...	Power....	700.00	34	32	7	Knox.....	Aug.	9	1910	1019	
Niobrara River...	Mann, John E.	Harrison....	Beiser Canal	Irrig. ....	.50	4	29	56	Sioux.....	Jan.	23	1911	1056
Niobrara River...	Mann, John E.	Harrison....	Bourret Canal	Irrig. ....	.75	33	30	56	Sioux.....	Jan.	23	1911	1057

Niobrara River...	Iodence, W. M.....	Hemingford...	Lichte Canal	Irrig.....	2.25	27	29	48	Dawes.....	Apr.	7	1911	1086
Niobrara River...	Dierex, Camille	Rushville.....	Camille Canal	Irrig.....	1.53	19	30	43	Sheridan....	Apr.	10	1911	1087
Niobrara River...	Sparks, Henrietta	Bellevue.....	Lichte Canal	Irrig.....	.71	27	29	48	Dawes.....	Apr.	19	1911	1088
Niobrara River...	Iodence, Charles G.....	Hemingford...	Lichte Canal	Irrig.....	.24	27	29	48	Dawes.....	Jan.	2	1912	1152
Niobrara River...	Bouret, John	Harrison.....	Bouret Canal No. 1....	Irrig.....	.11	29	30	56	Sioux.....	Mar.	25	1912	1188
Niobrara River...	Wells, Harry E.....	Butte.....	Pump	Irrig.....	1.64	32	32	40	Cherry.....	May	2	1912	1193
Niobrara River...	Bouret, John	Harrison.....	Bouret Canal No. 2....	Irrig.....	.21	29	30	56	Sioux.....	July	19	1912	1209
Niobrara River...	Davison, F. B., et al....	Marsland.....	Mettlen Canal	Irrig.....	.75	4	28	54	Sioux.....	Dec.	18	1912	1248
Niobrara River...	Davison, F. B., et al....	Marsland.....	Bennett Canal	Irrig.....	3.45	1	28	54	Sioux.....	Dec.	18	1912	1249
Niobrara River...	Bushnell, Esther N.....	Marsland.....	Geo. HitsheW Canal....	Irrig.....	6.00	6	28	52	Box Butte..	Feb.	17	1913	1260
Niobrara River...	Coffee Cattle Co.....	Chadron.....	Coffee Canal No. 3....	Irrig.....	2.50	15	29	56	Sioux.....	Mar.	24	1914	1362
Niobrara River...	U. S. Forest Reserve....	Nenzel.....	Morton Nursery Canal...	Irrig.....	.50	30	33	32	Cherry.....	June	15	1917	1488
Niobrara River...	Davison, Fred B.....	Marsland.....	Davison Canal	Irrig.....	.21	12	28	54	Sioux.....	Apr.	27	1922	1662
Niobrara River...	Consumers P. P. Dist...	Columbus.....	Northern Neb. Plant No. 1	Power.....	1450.00	30	33	11	Boyd-Holt..	Oct.	30	1923	1725
Niobrara River...	Consumers P. P. Dist...	Columbus.....	Northern Neb. Plant No. 1	Rs. Dam.	A-1725	30	33	11	Boyd-Holt..	Aug.	20	1925	1777
Niobrara River...	Consumers P. P. Dist...	Columbus.....	Northern Neb. Plant No. 1	Rs. Dam.	A-1725	30	33	11	Boyd-Holt..	Aug.	29	1927	1955
Niobrara River...	Sandoz, Geo. E.....	Milan, Minn...	Mettlen Canal	Irrig.....	1.14	4	28	54	Sioux.....	Oct.	13	1931	2244
Niobrara River...	Kay, D. L.....	Marsland.....	Kay Canal No. 2.....	Irrig.....	.43	9	28	53	Sioux.....	Oct.	15	1931	2245
Niobrara River...	Kay, D. L.....	Marsland.....	Kay Canal	Irrig.....	3.14	1	28	54	Sioux.....	Nov.	18	1931	2250
Niobrara River...	Hughes, John R.....	Marsland.....	Excelsior Canal	Irrig.....	1.92	10	28	52	Box Butte..	Mar.	28	1932	2264
Niobrara River...	Hucke, Sarah E.....	Hemingford...	Montague Canal	Irrig.....	1.76	28	29	48	Dawes.....	Mar.	31	1932	2266
Niobrara River...	Harris, Frank, et al....	Marsland.....	Harris-Neece Canal....	Irrig.....	7.27	3	28	55	Sioux.....	July	11	1932	2275
Niobrara River...	Nellis, Claud	Monowi.....	Pump	Irrig.....	.09	2	32	9	Boyd.....	Apr.	24	1933	2319
Niobrara River...	Bushnell, Esther N.....	Marsland.....	HitsheW Canal No. 2....	Irrig.....	.92	6	28	52	Box Butte..	Jan.	28	1935	2509
Niobrara River...	Iodence, Chas.....	Hemingford...	Lichte Canal	Irrig.....	2.95	27	29	48	Dawes.....	Mar.	2	1935	2523
Niobrara River...	Johndreau, J. N., Estate	Gordon.....	Pumps	Irrig.....	.96	24	31	42	Sheridan....	Aug.	9	1935	2555
						25	31	42	Sheridan....	Aug.	9	1935	2555
Niobrara River...	Potmesil, John	Hemingford...	Potmesil Canal	Irrig.....	6.76	26	29	48	Dawes.....	Oct.	29	1935	2566
Niobrara River...	Woodhouse, Earl	Gordon.....	Pump	Irrig.....	.34	17	31	41	Sheridan....	Apr.	25	1936	2623
Niobrara River...	Kuchera, Harry J.....	Rushville.....	Pump	Irrig.....	.90	32	30	44	Sheridan....	Nov.	6	1936	2654
Niobrara River...	U. S. of America.....	Denver, Colo.	Mirage Flats Canal....	Irrig.....	158.38	26	29	48	Dawes.....	Jan.	25	1937	2683

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-C—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Niobrara River... (See A-3456)	U. S. of America.....	Denver, Colo..	Box Butte Reservoir....	Storage...	†15,000	28	29	49	Dawes.....	Mar.	6	1937	2709a
					AF	33	29	49	Dawes.....	Mar.	6	1937	2709a
Niobrara River...	Lichte, Hugo.....	Chadron.....	Montague Canal.....	Irrig.....	.29	27	29	48	Dawes.....	June	14	1937	2754
Niobrara River...	Iodence, Chas. G.....	Hemingford..	Lichte Canal.....	Irrig.....	1.46	27	29	48	Dawes.....	Feb.	11	1938	2837
Niobrara River...	Iodence, Chas. G.....	Hemingford..	Pump.....	Irrig.....	1.64	26	29	48	Dawes.....	Feb.	11	1938	2838
Niobrara River...	Liska, Vac C.....	Niobrara.....	Pump.....	Irrig.....	.35	17	32	6	Knox.....	June	19	1939	2930
Niobrara River...	Dalton, Charles S., et al	Niobrara.....	Pump.....	Irrig.....	15.47	2	31	7	Knox.....	Sept.	21	1939	2968
Niobrara River...	Bauder, G. E.....	Lewiston, Ida.	Pump.....	Irrig.....	1.54	29	33	37	Cherry.....	Feb.	27	1941	3404
Niobrara River...	Hrbek, Fred.....	Monowi.....	Pump.....	Irrig.....	.03	2	32	9	Boyd.....	June	12	1941	3449
Niobrara River... (See A-2709a)	U. S. of America.....	Denver, Colo..	Box Butte Reservoir....	Storage...	†32,670	28	29	49	Dawes.....	June	24	1941	3456
					AF	33	29	49	Dawes.....	June	24	1941	3456
Niobrara River... (See A-1725)	Consumers P. P. Dist...	Columbus.....	Northern Nebraska Plant No. 1	Power....	550.00	30	33	11	Boyd-Holt..	June	8	1942	3574
Niobrara River...	Iodence, Chas. G.....	Hemingford..	Lichte Canal.....	Irrig.....	.66	27	29	48	Dawes.....	Dec.	28	1942	3592
Niobrara River...	U. S. of America.....	Denver, Colo..	Mirage Flats Canal....	Irrig.....	40.46	26	29	48	Sheridan...	May	18	1944	3729
Niobrara River...	Furman, H. G.....	Marsland....	Pioneer Canal No. 2....	Irrig.....	.78	36	29	51	Dawes.....	Mar.	8	1945	3812
Niobrara River...	Montague and Sparks...	Hemingford..	Montague Canal.....	Irrig.....	.60	27	29	48	Dawes.....	July	11	1946	3923
Niobrara River...	Moosman, Rosa.....	Valentine....	Pump.....	Irrig.....	.96	25	33	29	Cherry.....	Jan.	3	1950	4562
						30	33	28	Cherry.....	Jan.	3	1950	4562
Niobrara River...	Furman, H. G.....	Marsland....	Pioneer Canal No. 3....	Irrig.....	.21	30	29	50	Dawes.....	Feb.	16	1950	4599
Niobrara River...	Connot, Joe J.....	Valentine....	Pump.....	Irrig.....	.53	22	34	26	Cherry.....	Dec.	23	1948	4406
						23	34	26	Cherry.....	Dec.	23	1948	4406
Niobrara River...	Connot, Joe J.....	Valentine....	Pump.....	Irrig.....	.57	21	34	26	Cherry.....	June	2	1949	4476
						22	34	26	Cherry.....	June	2	1949	4476
Niobrara River...	Parker, A. Allen.....	Gordon.....	Pump.....	Irrig.....	1.79	18	31	41	Sheridan...	Feb.	23	1950	4603
Niobrara River...	Weyers, Peter.....	Hay Springs..	Pump.....	Irrig.....		11	29	45	Sheridan...	July	1	1950	4717
Niobrara River, Ravine, Trib. to	Anderson, Otto.....	Hay Springs..	Anderson Reservoir....	Storage...	†20 AF	2	29	47	Dawes.....	Oct.	16	1940	3297

Niobrara River, Ravine, Trib. to	Wilson, John L.	Harrison.....	Wilson Reservoir	Storage...	†7 AF	27	33	57	Sioux.	Nov.	26	1940	3337
Niobrara River, Ravine, Trib. to	Peters, Leonard	Hay Springs..	Peters Reservoir	Storage...	†4 AF	11	29	45	Sheridan....	Dec.	1	1949	4540
Niobrara River, Ravine, Trib. to	Anderson, Otto	Hay Springs..	Anderson Reservoir	Storage...	†157 AF	26	31	47	Dawes.....	Apr.	18	1950	4644
Niobrara River, Ravine, Trib. to	Walgren, Jas. Edw.....	Alliance.....	Walgren Reservoir.....	Storage...		27	30	47	Dawes.....	Apr.	26	1950	4653
Niobrara River, Ravine, Trib. to	Cook, Chas. L.....	Mariaville...	Cook Reservoir	Storage...		4	32	17	Rock.....	Aug.	3	1950	4731
Peters Reservoir	Peters, Leonard	Hay Springs..	Pump	Irrig.....		11	29	45	Sheridan....	Dec.	1	1949	4727
Pine Creek.....	Colclessler, Lewis	Rushville.....	Pine Creek Mills.....	Power....	32.00	33	30	44	Sheridan....	June	5	1893	415
Pine Creek.....	Game, Forestation and Parks Commission	Lincoln.....	Smith Lake Reservoir...	Storage...	†3500 AF	16	28	44	Sheridan....	Sept.	15	1947	4114
Plum Creek.....	Plum Creek Irrig. Co...	Johnstown...	Johnstown Canal	Irrig.....	26.00	4	29	24	Brown.....	Dec.	18	1894	405
Plum Creek.....	Wilbert, R.	Ainsworth...	Wilbert Canal	Irrig.....	.43	35	32	23	Brown.....	May	5	1896	329
Plum Creek.....	Consumers P. P. Dist...	Columbus.....	Plum Creek Plant.....	Power....	150.00	32	32	22	Brown.....	May	15	1909	947
Pole Creek.....	Julian and Wells.....	Gordon.....	Pole Creek Canal.....	Irrig.....	.57	28	32	40	Cherry.....	June	29	1905	799
Red Bird Creek..	Mellor, G. W., Estate...	Red Bird.....	Pump	Irrig.....	.32	14	32	10	Holt.....	Oct.	24	1940	3308
Richman Creek..	Byington, Mrs. W. W...	Riverview....	Byington Canal	Irrig.....	1.00	22	32	20	Keya Paha..	May	19	1891	582
Rock Creek.....	Eastlick, B. J.....	Carns.....	Necessity Canal	Irrig.....	.36	29	32	18	Rock.....	Jan.	17	1895	395
Rock Creek.....	Wile, H.	Mariaville...	Wile Canal	Irrig.....	.86	9	31	18	Rock.....	Apr.	3	1895	397
Rock Creek.....	Dugger Brothers.....	Bassett.....	Dugger Canal.....	Irrig.....	4.57	33	32	18	Rock.....	Apr.	24	1919	1539
Rock Creek.....	Van Koten, J.....	Springview...	Van Koten Canal.....	Irrig.....	.07	25	33	22	Keya Paha..	Jan.	1	1885	619
Rock Springs Cr.	Chase, Albert B.....	Meadville....	Moore Canal.....	Irrig.....	1.43	12	32	22	Keya Paha..	June	30	1887	593
Sand Creek.....	Peacock, Gardie M.....	Newport.....	Peacock Canal.....	Irrig.....	.02	35	32	18	Rock.....	Nov.	14	1929	2112

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-C—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Sand Creek	Luedtke, Elmer	Red Bird	Pump	Irrig.....	.57	6	32	9	Holt.....	Dec.	15	1934		2499
Sand Creek	Peacock, Gardie M.....	Newport.....	Peacock Reservoir.....	Storage..	11 AF	35	32	18	Rock.....	Aug.	30	1948		4333
Schlegel Creek...	Baker, Ralph A.....	Valentine.....	Pump No. 1.....	Irrig.....		5	31	28	Cherry.....	Apr.	21	1950		4648
Schlegel Cr., East	Baker, Ralph A.....	Valentine.....	Pump No. 2.....	Irrig.....		9	31	28	Cherry.....	Apr.	21	1950		4649
Schlegel Cr., West	Baker, Ralph A.....	Valentine.....	Pump No. 3.....	Irrig.....		21	31	28	Cherry.....	Apr.	21	1950		4650
Shobe Branch....	Lamb, A. J.....	Spencer.....	Lamb Canal.....	Irrig.....	.14	30	33	11	Holt.....	July	6	1896		322
Snider Creek....	Pickler, W. C.....	Springview...	Old Canal.....	Irrig.....	.01	31	33	19	Keya Paha..	May	1	1894	607	
Spotted Tail Cr..	Rhodes, J. G.....	McLean.....	Spotted Tail Canal.....	Irrig.....	.07	4	34	17	Keya Paha..	May	17	1895	601	
Spotted Tail Creek	Hitchcock, Curtis S.....	Jamison.....	Spotted Tail Reservoir.....	Storage..		28	35	17	Keya Paha..	June	30	1950		4716
#Spring Creek ...	Kuskie, A. K.....	Sparks.....	Garden Canal.....	Irrig.....	.09	27	34	25	Cherry.....	Mar.	30	1900		555
#Spring Creek ...	Baker, H. H.....	Mills.....	Horse Shoe Lake.....	Fish.....	116 AF	4	34	18	Keya Paha..	May	10	1934		2380
#Spring Creek ...	Spinar, Frank J.....	Red Bird.....	Spinar Canal.....	Irrig.....	.29	1	32	11	Holt.....	Feb.	25	1935		2519
#Spring Creek ...	Smith, Everett E.....	Naper.....	Smith Canal.....	Irrig.....	.16	26	34	16	Boyd.....	July	26	1940		3217
#Spring Creek ...	Marcy, Jay.....	Hay Springs..	Marcy Canal.....	Irrig.....	3.37	27	30	45	Sheridan...	Aug.	28	1950		4741
Springs, Lewis...	Lewis, Ralph.....	Burton.....	Lewis Canal.....	Irrig.....	.14	29	35	19	Keya Paha..	Aug.	30	1895		139
Springs, Prouty..	Prouty, H. S.....	Spencer.....	Prouty Canal.....	Irrig.....	1.44	5	32	11	Holt.....	June	1	1934		2393
Springs, Wrede..	Wrede, John.....	Red Bird.....	Wrede Canal.....	Irrig.....	.31	8	32	10	Holt.....	July	28	1934		2449
Springs, Spinar..	Spinar, Frank J.....	Red Bird.....	Spinar Canal.....	Irrig.....	.23	1	32	11	Holt.....	Apr.	9	1935		2535

Turkey Creek	LaRue, Chas.	Long Pine	LaRue Canal No. 1	Irrig.	.43	35	33	23	Keya Paha	Feb.	9	1900	539	
Turkey Creek	LaRue, Chas.	Long Pine	LaRue Canal No. 2	Irrig.	2.00	35	33	23	Keya Paha	May	11	1904	754	
Turkey Creek	Stuart, Solon D.	Springview	Stuart Canal	Irrig.	.03	23	33	33	Keya Paha	June	14	1934	2408	
Turkey Creek	Densberger, Warren A.	Norden	Logan Canal	Irrig.	.03	23	33	23	Keya Paha	Aug.	7	1934	2457	
Turkey Creek	Bates, Harry M.	Meadville	Pump	Irrig.	.07	36	33	33	Keya Paha	Oct.	29	1934	2489	
Turkey Creek, Trib. to	O. H. Johnson & Co.	Norfolk	Pump	Irrig.	.01	23	33	23	Keya Paha	Apr.	23	1935	2541	
Verdigre Creek	Hanson, J. W.	Emmetburg, Iowa	Drayton Canal	Irrig.	2.86	8	28	8	Antelope	Aug.	11	1894	248	
Verdigre Creek, Ravine, Trib. to	Creighton Rod and Gun Club	Creighton	Rod and Gun Club Reservoir	Storage	†62	AF	1	28	7	Antelope	July	12	1946	3926
Verdigre Creek, Springs, Trib. to	Backers, Lydia O.	North Platte	Backers Canal	Irrig.	5.94	15	29	9	Holt	June	15	1942	3577	
Whistle Creek	Davison, Ella	Marsland	Whistle Creek Canal	Irrig.	1.00	12	28	54	Sioux	June	28	1895	58	
Whistle Creek	Harris, Frank	Marsland	Home Canal	Irrig.	.86	13	28	54	Sioux	July	3	1895	65	
Wilson Reservoir	Wilson, John L., et al.	Harrison	Wilson Canal	Stor.-only		27	33	57	Sioux	Nov.	26	1940	3490	
Wyman Creek	McCully, R. A.	Carns	McCully Canal	Irrig.	.80	19	32	19	Keya Paha	June	10	1891	604	
Wyman Creek	Horton, I.	Carns	Horton Canal	Irrig.	.14	17	32	19	Keya Paha	June	5	1894	587	
Young Creek	Lamb, A. J.	Spencer	Harvey-Lamb Canal	Irrig.	.21	32	33	11	Holt	June	13	1896	311	

†Reservoir capacity alleged by applicant.

#Spring Creek in each county is a different stream.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-D

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ash Creek	Connell, W. D.	Whitney	Connell Canal.	Irrig. ....	.63	6	32	50	Dawes.	June	17	1898		459
Ash Creek	Cripps, Gregory R.	Whitney	Cripps Canal.	Irrig.	1.14	13	32	51	Dawes.	Dec.	26	1903		735
Ash Creek	Howard, W. C.	Whitney	Cripps Canal.	Irrig. ....	.57	13	32	51	Dawes.	Aug.	27	1906		835
Ash Creek	Cripps, Gregory R.	Whitney	Cripps Reservoir	Storage.	190 AF	12	32	51	Dawes.	Sept.	28	1934		2451
Ash Creek	Cartwright, Cora H. C. Estate	Whitney	Pump	Irrig. ....	.07	7	32	50	Dawes.	Mar.	13	1940		3117
Ash Creek, East.	Smith, Wm. J.	Whitney	Ox Yoke (Tomlin) Canal	Irrig.	1.38	29	32	50	Dawes.	May	31	1880	447R	
Ash Creek, East.	Ivins, Myrtle L. and Hamm, Royce	Crawford.	Stumph Canal.	Irrig.	1.00	32	32	50	Dawes.	May	31	1880	447R	
Ash Creek, East.	Sprague, Lewis Edgar, Est. and Hamm, Royce	Chadron	Barron Canal.	Irrig.	1.14	32	32	50	Dawes.	July	1	1888		438
Ash Creek, East.	Hamm, Royce.	Whitney	Stumph Canal.	Irrig. ....	.20	31	32	50	Dawes.	Sept.	5	1892	1023½	
Ash Creek, East.	Hamm, Royce.	Whitney	Ox Yoke-Stumph Canal.	Irrig.		31	32	50	Dawes.				1051*	
Ash Creek, East.	Ivins, Orville R.	Crawford.	Sheldon Canal.	Irrig.	1.43	30	32	50	Dawes.	Jan.	26	1899		493
Ash Creek, East.	Vetter, Andrew, Jr.	Whitney	Todd Canal.	Irrig. ....	.38	5	31	50	Dawes.	Sept.	12	1899		520
Ash Creek, East and Indian Cr.	Norman, Harry	Whitney	Norman Reservoir.	Storage.	†776 AF	32	32	50	Dawes.	Aug.	22	1927		1953
Ash Creek, East.	Sprague, Lewis Edgar, et al	Chadron	Barron Canal	Irrig. ....	.89	32	32	50	Dawes.	Aug.	15	1928		2024
Ash Creek, East.	Thomas, Olive S.	Chadron	Thomas Canal	Irrig.	1.00	19	32	50	Dawes.	Dec.	17	1928		2057
Ash Creek, East.	Seegrist, Clويد	Whitney	Seegrist Plant.	Power.	3.00	8	31	50	Dawes.	May	20	1930		2140
Ash Creek, East.	Hamm, Royce.	Whitney	Ox Yoke-Stumph Canal.	Irrig.		31	32	50	Dawes.	June	6	1931		2205*
Ash Creek, West.	Vetter, Jos. and Leo.	Crawford.	Mace Canal.	Irrig.	1.00	2	31	51	Dawes.	July	31	1884		428
Ash Creek, West.	Ivins, Orville R., et al.	Crawford.	West Ash Creek Canal.	Irrig. ....	.40	36	32	51	Dawes.	July	4	1893		452
Ash Creek, West.	Ivins, Myrtle L., et al.	Crawford.	West Ash Creek Canal.	Irrig. ....	.80	35	32	51	Dawes.	July	4	1893		452R
Ash Creek, West.	Ivins, Orville R.	Crawford.	Wall Canal	Irrig. ....	.57	35	32	51	Dawes.	Feb.	3	1898		434

Ash Creek, West.	Ivins, Myrtle L., et al	Crawford.....	West Ash Creek Canal...	Irrig.....	1.31	35	32	51	Dawes.....	Jan.	6	1941	3362	
Beaver Creek	Pegues, Mrs. Gladys, Henry, Doris	Chadron.....	Lockler Canal.....	Irrig.....	1.83	34	35	47	Dawes.....	Sept.	15	1892	1017	
Beaver Creek	Pegues, Mrs. Gladys, Henry, Doris	Chadron.....	Braddock Canal.....	Irrig.....	.36	18	34	46	Sheridan....	Apr.	15	1895	423	
Beaver Creek	Braddock, J. F.....	Chadron.....	Braddock Canal.....	Irrig.....	.04	1	34	47	Dawes.....	Apr.	15	1895	974	
Beaver Creek	Braddock, J. F.....	Chadron.....	Braddock Canal.....	Irrig.....	.64	1	34	47	Dawes.....	Nov.	24	1897	463	
Beaver Creek	U. R. Land & Cattle Co.	Chadron.....	Cilek Canal.....	Irrig.....	.36	4	33	46	Sheridan....	June	19	1899	513	
Beaver Creek	Rickman, A. W.....	Chadron.....	Rickman Canal.....	Irrig.....	1.00	9	33	46	Sheridan....	July	2	1902	681	
Beaver Creek	Pegues, Mrs. Gladys, Henry, Doris	Chadron.....	Braddock Canal.....	Irrig.....	.39	18	34	46	Sheridan....	Sept.	19	1928	2033	
Beaver Creek	Pegues, Mrs. Gladys, Henry, Doris	Chadron.....	Lockler Canal.....	Irrig.....	.49	34	35	47	Dawes.....	Sept.	19	1928	2034	
Beaver Creek	Tulloss, Frank L.....	Hay Springs..	Tulloss Lake.....	Fish.....	†4	AF	3	32	46	Sheridan....	May	22	1930	2141
Beaver Creek	Lundy, Lester A.....	Hay Springs..	Lundy Reservoir.....	Storage..	†222	AF	33	34	46	Sheridan....	Feb.	27	1950	4608
Benthack Res.	Benthack, Gus.....	Chadron.....	Benthack Canal.....	Irrig.....			5	33	49	Dawes.....	May	12	1950	4743
Bordeaux, Big	O'Donnell, Pat.....	Chadron.....	O'Donnell Canal.....	Irrig.....	.14	9	34	48	Dawes.....	Jan.	17	1898	432	
Bordeaux, Big	Waters, Lowell E.....	Chadron.....	Thomas Canal.....	Irrig.....	.16	34	34	48	Dawes.....	Sept.	12	1924	1748	
Bordeaux, Big	O'Donnell, Pat.....	Chadron.....	O'Donnell Canal.....	Irrig.....	.63	9	34	48	Dawes.....	Sept.	22	1928	2036	
Bordeaux, Big	Kelso, S. M.....	Chadron.....	Bell Isle Lake.....	Fish.....	†15	AF	23	33	48	Dawes.....	June	13	1930	2144
Bordeaux, Big	Bass, Verner.....	Chadron.....	Pump.....	Irrig.....	.10	14	33	48	Dawes.....	July	24	1930	2151	
Bordeaux, Big	Nelson, Oluffine N., et al	Chadron.....	Pump No. 1.....	Irrig.....	.14	14	33	48	Dawes.....	Aug.	11	1932	2279	
Bordeaux, Big	Bass, Verner.....	Chadron.....	Pump No. 2.....	Irrig.....	.03	14	33	48	Dawes.....	July	7	1933	2328	
Bordeaux, Big	Gochnauer, Chris H.....	Chadron.....	Gochnauer Canal.....	Irrig.....	.17	10	33	48	Dawes.....	July	11	1934	2420	
Bordeaux, Big	Martens, Paul A.....	Chadron.....	Pump.....	Irrig.....	.21	16	34	48	Dawes.....	Nov.	16	1937	2801	
Bordeaux, Big	Nelson, Ernest E.....	Chadron.....	Pump.....	Irrig.....	1.06	14	33	48	Dawes.....	May	25	1942	3570	
Bordeaux, Big	Deist, Wilhelm.....	Chadron.....	Bass Nursery Canal.....	Irrig.....	1.23	23	33	48	Dawes.....	Apr.	11	1946	3891	
Bordeaux, Little	Schmidt, Elwin.....	Crawford.....	Hartzell Canal.....	Irrig.....	.57	13	33	48	Dawes.....	June	1	1893	448	

†Reservoir capacity alleged by applicant.

“R” Denotes relocation.

*Claim not adjudicated, or application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-D—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Bordeaux, Little	Fraday, C. H.	Chadron	Fraday Canal	Irrig.		30	33	47	Dawes			1009*	
Chadron Creek	City of Chadron	Chadron	Chadron Water Works	Domestic	1.00	18	32	48	Dawes	Dec.	31 1888	1022	
Chadron Creek	Gorr, James O., Estate	Chadron	Gallup Canal	Irrig.	.09	15	33	49	Dawes	Dec.	20 1890	426	
Chadron Creek	Wilson, H. M.	Chadron	Tug Wilson Canal	Irrig.	.20	12	32	49	Dawes	July	13 1893	453	
Chadron Creek	City of Chadron	Chadron	Chadron Water Works	Domestic	4.50	18	32	48	Dawes	Apr.	8 1920		1583
Chadron Creek	State Park Board	Lincoln	State Park Lake	Resort	†10 AF	31	32	48	Dawes	Apr.	17 1928		2007
Chadron Creek	McMeekin, Warren	Chadron	McMeekin Canal	Irrig.	.74	22	33	49	Dawes	Dec.	20 1949		4552
Chadron Creek, Ravine, Trib. to	Mayfield, Walter	Chadron	Mayfield Reservoir	Storage	†73 AF	23	33	49	Dawes	Oct.	19 1949		4526
Charcoal Creek	Fuller, Margaret M.	Crawford	Charcoal Canal	Irrig.	.13	33	31	53	Sioux	Apr.	2 1940		3130
Cottonwood, Big	Whitney Irrig. District	Whitney	Moody Reservoir	Storage		10	33	52	Dawes	Feb.	27 1948		4221*
Cottonwood, Big, Ravine, Trib. to	Moody, Tom	Crawford	Hawk Nest Reservoir	Storage	†17 AF	31	34	52	Dawes	Dec.	8 1941		3537
Cottonwood, Big, Ravine, Trib. to	Moody, Tom	Crawford	North Draw Reservoir	Storage	†34 AF	32	34	52	Dawes	Dec.	8 1941		3538
Cottonwood, Big, Ravine, Trib. to	Norman, Ben	Crawford	Norman Reservoir	Storage	†150 AF	35	34	53	Sioux	July	6 1942		3560
						2	33	53	Sioux	July	6 1942		3560
Cottonwood, Lit.	Golden, T. F., Estate	Crawford	Thomas Stuart Canal	Irrig.	.36	8	32	52	Dawes	Dec.	21 1890	425	
Cottonwood, Lit.	Price, J. A. B. and Golden, T. F., Estate	Crawford	Stuart Bros. North Canal	Irrig.	1.43	18	32	52	Dawes	June	10 1895		8
Cottonwood, Lit.	Price, J. A. B. and Golden, T. F., Estate	Crawford	Stuart Bros. South Canal	Irrig.	1.43	18	32	52	Dawes	June	10 1895		8R
Cottonwood, Lit.	Dahlheimer, Frank E.	Crawford	Dunn Canal	Irrig.	1.43	9	32	52	Dawes	Jan.	14 1902		649
Cottonwood, Lit.	Erickson, John R.	Crawford	Stewart-Maple Canal	Irrig.	.70	3	32	52	Dawes	Mar.	10 1902		656

Cottonwood, Lit.	Hanks, Vera, et al.	Chadron	Kusel-Spearman Canal.	Irrig.	.71	8	32	51	Dawes	June	30	1902	677
Cottonwood, Lit.	Lawrence, Fay	Crawford	Broadhurst Canal.	Irrig.	3.29	7	32	51	Dawes	Feb.	25	1913	1264
Cottonwood, Lit.	Dodd and McDowell	Crawford	Dodd-McDowell Reservoir	Storage	†480 AF	13	32	53	Sioux	Apr.	15	1913	1276
Cottonwood, Lit.	Simons, Raner	Crawford	Simons Canal.	Irrig.	.77	9	32	51	Dawes	Feb.	12	1934	2363
Cottonwood, Lit.	Whitney Irrig. District	Crawford	Simmons Reservoir	Supp. S.	†317 AF	7	32	51	Dawes	Aug.	11	1936	2607
				A-1603.									
Cripps Reservoir.	Cripps, Gregory R.	Whitney	Pump	Stor-only.		12	32	51	Dawes	Sept.	28	1934	2571
Cuff Canyon	Sanders, Warren	Chadron	Sanders Canal	Irrig.	.07	5	31	49	Dawes	Nov.	2	1932	2290
Dead Horse Creek	Schumacher, Edw. A.	Chadron	Kemery Canal	Irrig.	.01	5	31	49	Dawes	Sept.	1	1880	493
Dead Horse Creek	Woodruff, F. B., et al.	Chadron	Flag Butte Canal	Irrig.	.03	32	32	49	Dawes	Apr.	10	1891	427
Dead Horse Creek	Geiser, B. A.	Chadron	Geiser Canal	Irrig.	.16	17	32	49	Dawes	Mar.	18	1902	658
Dead Horse Creek	White, Mrs. C. M., et al	Chadron	Slattery Canal	Irrig.	.99	32	33	49	Dawes	Apr.	6	1904	749
Dead Horse Creek	White, Mrs. C. M., et al	Chadron	Slattery Pump	Irrig.	.95	30	33	49	Dawes	Apr.	6	1904	749R
Dead Horse Creek	White, Mrs. C. M.	Chadron	Slattery Pump	Irrig.	.55	30	33	49	Dawes	June	15	1928	2021
Dead Horse Creek	Rowe, George R.	Chadron	Rowe Canal	Irrig.	1.15	29	32	49	Dawes	Oct.	21	1946	3987
Dead Horse Creek	Goff, Theodore	Chadron	Goff Canal	Irrig.	.14	30	32	49	Dawes	Apr.	2	1891	441
Spgs., Trib. to													
Dead Man Creek.	City of Crawford	Crawford	Dead Man Canal	Domestic.	1.00	26	31	53	Sioux	Dec.	15	1938	2899
Deep Creek	Yohe, Wayne, Estate	Crawford	Deep Creek Canal	Irrig.	.06	9	30	53	Sioux	May	1	1887	525
Deep Creek	Yohe, Wayne, Estate	Crawford	Hoberg Lake	Storage	†1.50 AF	4	30	53	Sioux	July	19	1933	2334
Deep Creek	Yohe, Wayne, Estate	Crawford	Deep Creek Canal	Irrig.	.22	9	30	53	Sioux	July	19	1933	2335
Dodd-McDowell Reservoir	Dodd, Mrs. Calvin H.	Crawford	Dodd-McDowell Canal	Stor-only.		17	32	52	Dawes	Apr.	15	1913	1571
Dry Canyon	Betson, Wm. A.	Crawford	Betson Canal	Irrig.	1.00	33	32	51	Dawes	Mar.	22	1917	1481

†Reservoir capacity alleged by applicant.

"R" Denotes relocation.

*Application pending, or claim not adjudicated.

Supp. S. Denotes additional storage water.

Stor-only. Land does not have a direct flow appropriation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-D—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Dry Creek.....	Bauer, Louis S.....	Crawford.....	Filister Reservoir	Supp. S.....	†362.5 AF	15	33	51	Dawes.....	Aug.	11	1936	2608
Dry Creek.....	Whitney Irrig. District..	Crawford.....	Stewart Reservoir	Supp. S.....	1988 AF	23	33	51	Dawes.....	Aug.	11	1936	2608
Dry Creek.....	Whitney Irrig. District..	Crawford.....	Baldwin Reservoir	Supp. S.....	†332 AF	18	33	50	Dawes.....	Aug.	11	1936	2608
Dry Draw.....	Ernest, Geo. A.....	Chadron.....	Ernest Canal	Irrig.....	3.71	22	35	49	Dawes.....	Feb.	20	1911	1061
Dry Draw.....	Heath, Mrs. W. E.....	Crawford.....	Heath Reservoir	Storage..	†200 AF	12	32	53	Sioux.....	Feb.	7	1917	1475
Dry Run.....	Campbell, F. J.....	Chadron.....	Campbell Canal	Irrig.....	1.00	35	34	49	Dawes.....	Nov.	9	1908	919
Dry Run.....	Guse, Wm.....	Whitney.....	Guse Canal	Irrig.....	1.76	35	34	52	Dawes.....	Jan.	13	1914	1345
Dry Run.....	Harrison and Weston....	Whitney.....	Harsh-Weston Canal ...	Irrig.....	3.00	31	34	51	Dawes.....	Mar.	11	1914	1361
English Creek...	McDowell, Robt. H.....	Crawford.....	McDowell System	Irrig.....	.87	12	31	52	Dawes.....	Oct.	24	1904	772
English Creek...	McDowell, Mrs. Effie...	Crawford.....	McDowell Lake No. 3...	Fish.....	†5 AF	2	31	52	Dawes.....	Jan.	22	1929	2064
English Creek...	McDowell, Mrs. Effie...	Crawford.....	McDowell Lake No. 1...	Fish.....	†36 AF	12	31	52	Dawes.....	Jan.	22	1929	2064
Flood Waters ...	Lenehan, Delia	Crawford.....	Lenehan Reservoir	Storage..	†640 AF	25	34	52	Dawes.....	Apr.	16	1913	1278
Flood Waters ...	Arner, Jesse B.....	Crawford.....	Arner Canal	Irrig.....	.14	27	33	53	Sioux.....	May	6	1913	1289
Ground Water...	Poole, Tom	Bridgeport...	Poole Well	Irrig.....		25	29	51	Dawes.....	June	23	1950	4714*
Harris Reservoir.	Dodd, Clara A.....	Crawford...	Harris Canal	Stor.-only.		32	33	52	Dawes.....	Sept.	29	1922	1996
Hawk Nest Res.	Moody, Tom	Crawford...	Moody Canal No. 1.....	Supp.I....	A-3536	32	34	52	Dawes.....	Dec.	8	1941	3818
Heath Reservoir.	Heath, Mrs. W. E.....	Crawford...	Heath Canal	Stor.-only.		12	32	53	Sioux.....	Feb.	7	1917	1612
Hooker Creek...	Bauersachs, Lena	Crawford...	Bauersachs Canal	Irrig.....	1.00	7	31	51	Dawes.....	Dec.	31	1889	492
Hooker Creek...	Scott and Steenburg....	Aurora.....	Alcorn Reservoir	Storage..	1.21	31	32	51	Dawes.....	Nov.	17	1905	803

Hooker Creek....	Scott and Steenburg.....	Aurora.....	Alcorn Canal.....	Irrig.....		31	32	51	Dawes.....	Nov.	17	1905	803
Hooker Creek....	Souther, Mable G.....	Lincoln.....	Souther Lake.....	Irrig.....	1.43	30	32	51	Dawes.....	Sept.	24	1908	915
Indian Creek....	Renfro, Oscar S.....	Chadron.....	Seegrist Canal.....	Irrig.....	.03	3	31	50	Dawes.....	Nov.	1	1893	489
Indian Creek....	Renfro, Oscar S.....	Chadron.....	Seegrist Canal.....	Irrig.....	.86	3	31	50	Dawes.....	Nov.	29	1910	1569
Indian Creek....	Norman, Harry.....	Whitney.....	Norman Canal.....	Irrig.....	1.91	16	32	50	Dawes.....	Aug.	3	1921	1614
Indian Creek....	Norman, Harry.....	Whitney.....	Elmer Canal.....	Irrig.....	.77	16	32	50	Dawes.....	Jan.	17	1923	1704
Indian Creek....	Renfro, Oscar S.....	Chadron.....	Renfro Reservoir.....	Storage..	†60 AF	3	31	50	Dawes.....	June	21	1926	1822
Indian Creek....	Norman, Elmer D.....	Whitney.....	Norman Canal.....	Irrig.....	1.28	16	32	50	Dawes.....	Aug.	18	1927	1952
Indian Creek....	Renfro, Oscar S.....	Chadron.....	Flood Canal.....	Irrig.....	.10	34	32	50	Dawes.....	July	16	1931	2216
Indian Creek, Trib. to	Honnold Brothers.....	Whitney.....	Honnold-Wilson Canal..	Irrig.....	.07	3	31	50	Dawes.....	May	25	1912	1199
Indian Tree Cr...	Moody, Tom.....	Crawford.....	Moody Canal.....	Irrig.....	.74	32	34	52	Dawes.....	Dec.	8	1941	3536
Larabee Creek...	Sawyer, Clarence O.....	Rushville.....	Larabee Canal.....	Irrig.....	1.12	6	34	44	Sheridan....	Apr.	14	1931	2197
Larabee Creek...	McParland, J. F., Jr....	Rushville.....	McParland Canal.....	Irrig.....	.33	22	34	44	Sheridan....	Jan.	9	1942	3544
Madden Cr. and North Creek	Flannigan, O. R.....	Chadron.....	Dams.....	Irrig.....	.57	31	35	48	Dawes.....	Oct.	17	1904	771
Mayfield Res....	Mayfield, Walter.....	Chadron.....	Mayfield Canal.....	Irrig.....		23	33	49	Dawes.....	Oct.	19	1949	4629
Messenger Creek, Ravine, Trib. to	Snook, Glenn.....	Wayside.....	Snook Reservoir.....	Storage..	†30 AF	31	35	50	Dawes.....	Apr.	17	1950	4693
Minneapolis Cr...	Smoke, Wm. H., Estate..	Chadron.....	Minneapolis Reservoir..	Irrig.....	.14	19	33	48	Dawes.....	July	21	1930	2149
Norman Reservoir	Norman, Harry.....	Whitney.....	Harry Canal.....	Stor-only.		8	32	50	Dawes.....	Aug.	22	1927	2179
North Draw Res.	Moody, Tom.....	Crawford.....	Moody Canal No. 2.....	Stor-only.		33	34	52	Dawes.....	Dec.	8	1941	3819

Supp. S. Denotes additional storage water.

†Reservoir capacity alleged by applicant.

*Application pending.

Stor-only. Land does not have a direct flow appropriation.

Supp. I. Denotes storage water in addition to direct flow.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-D—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Patton Creek.....	Greenwood, Claude H....	White Clay...	Pump	Irrig.....	1.07	32	35	44	Sheridan....	Mar.	14	1938	2845
Filster Reservoir..	Bauer, Louis S. & Son...	Crawford.....	Pump	Irrig.....		15	33	51	Dawes.....	Aug.	11	1936	4506
Pinney-Denslow Reservoir	Pinney, Ralph B.....	Crawford.....	Pinney Canal No. 2.....	Stor-only.		17	32	51	Dawes.....	Aug.	10	1911	2493
Renfro Reservoir..	Renfro, Oscar.....	Chadron.....	Seegrist Canal	Stor-only.		3	31	50	Dawes.....	June	21	1926	1823
Rush Creek.....	Braddock, H. T.....	Chadron.....	Braddock Canal.....	Irrig.....	3.00	10	34	49	Dawes.....	May	4	1903	706
Sand Creek.....	Arner and Everson.....	Crawford.....	Bendix Canal	Irrig.....	.57	35	33	53	Sioux.....	Nov.	19	1895	189
Sand Creek.....	Arner and Everson.....	Crawford.....	Bendix Canal	Irrig.....	.83	35	33	53	Sioux.....	May	27	1922	1669
Sand Creek.....	Whitney Irrig. Dist.....	Whitney.....	Pitman Reservoir.....	Storage..		33	33	52	Dawes.....	Feb.	27	1948	4225*
Sand Creek.....	Whitney Irrig. Dist.....	Whitney.....	Dunn Reservoir.....	Storage..		32	33	52	Dawes.....	Feb.	27	1948	4225*
Saw Log, East...	Young, Chas. A.....	Crawford.....	Stephenson Canal.....	Irrig.....	.33	25	31	52	Dawes.....	Mar.	5	1907	852
Saw Log, East...	Baker, A. D.....	Crawford.....	Baker Canal.....	Irrig.....	.04	5	30	51	Dawes.....	Jan.	3	1908	884
Saw Log, East...	Van Treek, P. H.....	Crawford.....	Van Treek Canal.....	Irrig.....	.37	5	30	51	Dawes.....	May	8	1911	1098
Saw Log, Little and White Clay Creek	Stewart, H. E.....	Crawford.....	Little Saw Log Canal.....	Irrig.....	.71	12	30	52	Dawes.....	Jan.	23	1907	849
Saxson Draw.....	Dodd, Clara A.....	Crawford.....	Harris Reservoir.....	Storage..	†7 AF	32	33	52	Dawes.....	Sept.	29	1922	1689
Sheridan Creek...	Getchell, G. C.....	Pine Ridge, S. D.	Getchell Canal.....	Irrig.....	.07	27	34	45	Sheridan....	Aug.	1	1894	418

Soldier Creek.....	James, George A.....	Crawford.....	James Canal.....	Irrig.....	2.89	5 31	53	Sioux.....	Mar.	22 1941	3417
Soldier Creek.....	James, George A.....	Crawford.....	James Reservoir.....	Storage.....		5 31	53	Sioux.....	Jan.	19 1948	4186*
Soldier Creek.....	James, George A.....	Crawford.....	James Canal.....	Irrig.....		5 31	53	Sioux.....	Aug.	4 1950	4732
Soldier Creek.....	U.S. Dept. of Agriculture	Ft. Robinson.	Ft. Robinson Canal.....	Irrig.....		12 31	53	Sioux.....	Aug.	10 1950	4734
Spring Branch (Tucker Cr.)	Cutler, Jennie R.....	Harrison.....	Tucker Canal.....	Irrig.....	.17	34 31	54	Sioux.....	June	1 1883	557
Spring Creek.....	Galbreath, Alfred Lee, Galbreath, Albert Earl	Crawford.....	Mozeter Canal.....	Irrig.....	1.14	13 32	52	Dawes.....	May	3 1888	1014
Spring Creek.....	Pinney, B. G.....	Crawford.....	Squaw Creek Canal.....	Irrig.....	.40	13 32	52	Dawes.....	May	10 1894	466
Spring Creek.....	Lawrence, Fay E.....	Crawford.....	Spring Cr. Canal No. 1.....	Irrig.....	2.00	13 32	52	Dawes.....	Dec.	1 1894	473
Spring Creek.....	Lawrence, Fay E.....	Crawford.....	Spring Creek Canal.....	O. D.....	D-473	7 32	51	Dawes.....	Dec.	1 1894	2078
Spring Creek.....	Hanks, Vera.....	Chadron.....	Kusel Canal No. 2.....	Irrig.....	.43	8 32	51	Dawes.....	May	19 1900	560
Spring Creek.....	Forbes, J. D., Estate.....	Crawford.....	Forbes Canal No. 1.....	Irrig.....	.43	20 32	52	Dawes.....	Apr.	28 1902	663
Spring Creek.....	Lawrence, Fay E.....	Crawford.....	Spring Cr. Canal No. 1.....	Irrig.....	2.29	13 32	52	Dawes.....	Apr.	29 1905	788
Spring Creek.....	Benthack, Peter L.....	Chadron.....	Benthack Canal.....	Irrig.....	4.71	11 33	49	Dawes.....	Sept.	12 1924	1749
Squaw Creek.....	Hall, LeRoy and Frank.....	Crawford.....	Cooper Canal.....	Irrig.....	2.29	36 32	52	Dawes.....	May	8 1896	333
Squaw Creek.....	McDowell, Robt H.....	Crawford.....	Squaw Creek Reservoir.....	Storage.....	†200 AF	12 31	52	Dawes.....	Oct.	3 1911	1132
Squaw Creek.....	McDowell, Robt H.....	Crawford.....	McDowell Lake No. 4.....	Fish.....	†4 AF	12 31	52	Dawes.....	Nov.	12 1931	2249
Squaw Creek Res.	McDowell, Robt H.....	Crawford.....	Squaw Creek Canal.....	Stor-only.....		12 31	52	Dawes.....	Oct.	3 1911	1631
Trunk Butte Cr.....	Smock, M.....	Whitney.....	Smock Canal.....	Irrig.....	.07	26 32	50	Dawes.....	June	28 1895	465
Trunk Butte Cr.....	Chaulk, John J.....	Chadron.....	Chaulk Canal.....	Irrig.....	3.00	25 33	50	Dawes.....	Mar.	13 1915	1406
White Clay Creek	Roos, Anton P.....	Crawford.....	McFarland Canal.....	Irrig.....	1.64	35 32	52	Dawes.....	May	18 1891	960
White Clay Creek	Dodd, Wm. H.....	Crawford.....	Hazleton Canal.....	Irrig.....	.87	13 31	52	Dawes.....	May	15 1894	475
White Clay Creek (See White R.)	White River Irrig. Co.....	Crawford.....	White River Canal.....	Irrig.....	1.00	34 32	52	Dawes.....	Dec.	31 1894	477
White Clay Creek	Pine Ridge Indian Agency	Pine Ridge, S. D.	Pine Ridge Canal.....	Irrig.....		35 45	Sheridan.....				419*

Stor-only. Land does not have a direct flow appropriation.

*Application pending.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-D—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
White Clay Creek	Hall, LeRoy and Frank..	Crawford....	Cooper Canal.....	Irrig.....	3.66	2	31	52	Dawes.....	June	22	1895	42
White Clay Creek	McDowell, Robt.....	Crawford....	Cooper Canal.....	Irrig.....	.05	2	31	52	Dawes.....	June	22	1895	42R
White Clay Creek	Raben, Lorentz F.....	Crawford....	Rinicker Canal.....	Irrig.....	.57	11	31	52	Dawes.....	June	8	1901	618
White Clay Creek	Hutzel, John C.....	Crawford....	Hutzel Canal.....	Irrig.....	.57	13	31	52	Dawes.....	Apr.	30	1903	704
White Clay Creek	Townsend, Chas.....	White Clay...	Townsend Canal.....	Irrig.....	.80	25	34	45	Sheridan...	Jan.	21	1911	1054
White Clay Creek	Raben, Lorentz F.....	Crawford....	Handschugel Lake.....	Storage...	†150 AF	11	31	52	Dawes.....	Dec.	17	1915	1441
White Clay Creek	McDowell, Mrs. Effie...	Crawford....	Cooper Canal.....	Fish.....	†30 AF	2	31	52	Dawes.....	Jan.	22	1929	2063
White Clay Creek	North, A. C.....	Ft. Morgan, Colo.	Pump.....	Irrig.....	.38	36	35	45	Sheridan...	Mar.	26	1934	2369
White River.....	Raben, P. L.....	Crawford....	Hall Mill.....	Power...	24.83	34	32	52	Dawes.....	Sept.	10	1885	478a
White River.....	City of Crawford.....	Crawford....	Crawford Water System.	Domestic.	5.00	26	31	53	Sioux.....	Oct.	1	1890	1026
White River.....	Pinney, B. G., et al.....	Crawford....	Harris-Cooper Canal.....	Irrig.....	13.14	26	32	52	Dawes.....	Mar.	9	1894	464a
White River.....	Pinney, B. G., et al.....	Crawford....	Harris-Cooper Canal.....	Irrig.....	1.57	26	32	52	Dawes.....	June	15	1894	464b
White River.....	Forbes, Wm. T.....	Crawford....	Rasher Canal.....	Irrig.....	1.14	19	32	51	Dawes.....	June	20	1894	467
White River, (See White Clay)	White River Irrig. Co....	Crawford....	White River Canal.....	Irrig.....	8.71	34	32	52	Dawes.....	Dec.	31	1894	477
White River.....	Hall Ditch Company.....	Crawford....	Hall Canal No. 2.....	Irrig.....	6.35	34	32	52	Dawes.....	Jan.	10	1895	478c
White River.....	Hall Ditch Company.....	Crawford....	Hall Pump.....	Irrig.....	4.75	26	32	52	Dawes.....	Jan.	10	1895	478cR
White River.....	C. B. & Q. R. R. Co.....	Lincoln.....	Crawford Pipe Line.....	Domestic.	.80	3	31	52	Dawes.....	Sept.	14	1889	1030
White River.....	Bartlett, A. M.....	Chadron....	Jones Canal.....	Irrig.....	.71	18	34	48	Dawes.....	May	21	1897	391
White River.....	Forbes, William M.....	Crawford....	Rasher Canal.....	Irrig.....	.50	19	32	51	Dawes.....	May	23	1898	456
White River.....	Moody, Sarah L.....	Crawford....	Rasher Canal.....	Irrig.....	1.43	19	32	51	Dawes.....	Jan.	16	1900	534
White River.....	Schwabe, August.....	Chadron....	Schwabe Canal.....	Power...	5.00	24	34	49	Dawes.....	June	13	1904	759
White River.....	Schwabe, August.....	Chadron....	Schwabe Canal.....	Irrig.....	.26	24	34	49	Dawes.....	Mar.	19	1906	815
White River.....	Schwabe, August.....	Chadron....	Schwabe Canal.....	Irrig.....	3.43	31	34	48	Dawes.....	July	23	1908	905
White River.....	White River Irrig. Co....	Crawford....	White River Canal.....	Irrig.....	1.43	25	32	52	Dawes.....	Mar.	11	1909	936
White River.....	Pinney and Denslow.....	Crawford....	Harris-Cooper Canal.....	Storage...	†50 AF	26	32	52	Dawes.....	Aug.	10	1911	1122
White River.....	Moody, Sarah L.....	Crawford....	Rasher-Forbes Canal.....	Irrig.....	.50	19	32	51	Dawes.....	Sept.	26	1911	1128

White River.....	Whitney Irrig. District..	Whitney.....	Whitney Canal.....	Storage...	†10 000	26	32	52	Dawes.....	Apr.	28	1921	1603
					AF								
White River.....	Simons, Raner.....	Crawford.....	Whitney Pipe Line.....	Irrig.....	3.60	24	32	52	Dawes.....	May	2	1921	1604
White River.....	Whitney Irrig. District..	Whitney.....	Whitney Pipe Line.....	Irrig.....	25.00	26	32	52	Dawes.....	Nov.	7	1921	1625
White River.....	Simons, Raner.....	Crawford.....	Whitney Pipe Line.....	Irrig.....	2.07	26	32	52	Dawes.....	Nov.	18	1921	1626
White River.....	Simons, Raner.....	Crawford.....	Whitney Pipe Line.....	Irrig.....	.41	26	32	52	Dawes.....	Apr.	26	1922	1660
White River.....	Jones, Clarence R.....	Chadron.....	Hageman Canal.....	Irrig.....	1.14	26	33	50	Dawes.....	Oct.	18	1928	2046
White River.....	City of Crawford.....	Crawford.....	Pump.....	Irrig.....	.57	3	31	52	Dawes.....	Mar.	12	1929	2075
White River.....	Bartlett, Alfred F.....	Chadron.....	Bartlett Canal.....	Irrig.....	.30	19	34	48	Dawes.....	Sept.	8	1932	2285
White River.....	Mobley, A. L.....	Crawford.....	Pump.....	Irrig.....	.05	3	31	52	Dawes.....	May	10	1934	2381
White River (See Dry Cr.)	Whitney Irrig. District..	Crawford.....	Stewart and Baldwin Reservoirs	Supp. S...	A-2608	26	32	52	Dawes.....	Aug.	11	1936	2609
White River.....	Village of Whitney.....	Whitney.....	Whitney Water Supply...	Domestic.	2.00	1	32	51	Dawes.....	Aug.	28	1936	2627
White River.....	Kennedy, Howard, Trustee	Omaha.....	Pump.....	Irrig.....	1.31	26	34	49	Dawes.....	Nov.	24	1939	3030
White River.....	Logan, Veril C.....	Chadron.....	Pump.....	Irrig.....	.64	30	33	49	Dawes.....	Dec.	7	1939	3038
White River.....	Schumacher, T. A.....	Chadron.....	Schumacher Cistern.....	Domestic.	†16 AF	19	33	49	Dawes.....	Apr.	2	1940	3129
White River.....	Jones, H. C.....	Chadron.....	Pump.....	Irrig.....	.51	5	34	57	Dawes.....	Jan.	10	1947	4021
White River.....	Gorr, L. R.....	Chadron.....	Gorr Canal.....	Irrig.....	3.39	27	34	49	Dawes.....	Jan.	11	1949	4420
White River.....	Schumacher, T. A.....	Chadron.....	Pump.....	Irrig.....		19	33	49	Dawes.....	July	7	1950	4720
White River.....	Fox, R. G.....	Crawford.....	Pump.....	Irrig.....		26	32	52	Dawes.....	Aug.	21	1950	4740
White River, Ravine, Trib. to	Wright, Floyd.....	Whitney.....	Wright Reservoir.....	Storage...	†18 AF	10	32	51	Dawes.....	Apr.	8	1946	3889
White River, Ravine, Trib. to	Bauer, Louis.....	Crawford.....	Bauer Reservoir.....	Storage...	†96 AF	10	34	51	Dawes.....	Dec.	21	1949	4553
White River, Ravine, Trib. to	Benthack, Gus.....	Chadron.....	Benthack Reservoir.....	Storage...	†13 AF	5	33	49	Dawes.....	May	12	1950	4676
White River, Ravine, Trib. to	Koske, F. J.....	Chadron.....	Lazy K. Reservoir.....	Storage...		7	33	49	Dawes.....	May	22	1950	4683
Whitney Reservoir	Whitney Irrig. District..	Whitney.....	Whitney Pipe Line.....	Supp. I...	A-1625	4	32	51	Dawes.....	Apr.	28	1921	1787
						34	33	51	Dawes.....	Apr.	28	1921	1787
						35	33	51	Dawes.....	Apr.	28	1921	1787

"R" Denotes relocation.
 †Reservoir capacity alleged by applicant.
 Supp. S. Denotes additional storage water.
 Supp. I. Denotes storage water in addition to direct flow.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-E

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Andrews Res.....	Andrews, Agnes.....	Harrison.....	Andrews Canal.....	Stor.-only.		5	32	55	Sioux.....	Mar.	26	1935	2558
Andrews Res.....	Andrews, Agnes.....	Harrison.....	Andrews Canal.....	Stor.-only.		5	32	55	Sioux.....	Mar.	26	1935	4464
Antelope Creek...	Jordan, Allen.....	Montrose.....	Jordan Reservoir.....	Storage..	†776 AF	9	34	55	Sioux.....	Aug.	23	1940	3239
						8	34	55	Sioux.....	Aug.	23	1940	3239
Antelope Creek, Ravine, Trib. to	Jordan, Allen.....	Montrose.....	Lower Jordan Reservoir.	Storage..	†137 AF	16	34	55	Sioux.....	Feb.	28	1941	3405
Antelope Creek, Ravine, Trib. to	Anderson, Walter.....	Harrison.....	Anderson Reservoir.....	Storage..	†65 AF	2	34	56	Sioux.....	Aug.	19	1949	4502
Antelope Creek, Ravine, Trib. to	Schnurr, Wm. E. and Clarence A.	Harrison.....	Schnurr Reservoir No. 3	Storage..		19	34	56	Sioux.....	Oct.	13	1949	4523
Antelope, North..	Story, Amy E., et al	Harrison.....	Story Canal.....	Irrig.....	2.00	8	34	56	Sioux.....	Nov.	11	1895	168
Antelope, North..	Story, Amy E., et al	Harrison.....	Story Canal.....	Irrig.....	5.71	9	34	56	Sioux.....	Mar.	26	1918	1509
Antelope, South..	Schnurr, Wm. E. and Clarence A.	Harrison.....	Turner Canal.....	Irrig.....	1.14	26	34	57	Sioux.....	Oct.	31	1894	537
Antelope, South..	Seaman, Chas. and Jasper	Harrison.....	Ellis Canal.....	Irrig.....	.29	9	33	57	Sioux.....	May	17	1896	338
Antelope, South..	Schnurr, Wm. E. and Clarence A.	Harrison.....	Turner Reservoir.....	Storage..	†250 AF	26	34	57	Sioux.....	July	3	1922	1675
Antelope, South, Ravine, Trib. to	Schnurr, Wm. E., et al.	Harrison.....	Schnurr Reservoir No. 2.	Storage..	†122.5 AF	23	34	57	Sioux.....	Oct.	10	1944	3775
Boggy Creek.....	Holly, Thos.	Crawford.....	Holly Canal.....	Irrig.....	.11	30	33	54	Sioux.....	Dec.	31	1888	956
Boggy Creek.....	Smith, J. W.....	Harrison.....	Smith Canal.....	Irrig.....	.29	31	33	54	Sioux.....	May	1	1892	526
Boggy Creek.....	Wickersham Cattle Co..	Harrison.....	Wickersham Canal.....	Irrig.....	3.00	31	33	54	Sioux.....	Feb.	28	1903	701
Boggy Creek.....	Wickersham Cattle Co..	Harrison.....	Wickersham Reservoir...	Storage..	†250 AF	31	33	54	Sioux.....	Dec.	24	1930	2182
Boggy Creek.....	Wickersham Cattle Co..	Harrison.....	Wickersham Canal.....	Irrig.....	.96	31	33	54	Sioux.....	May	15	1931	2204
Boggy Cr., Mid...	Bannon, J. F.....	Harrison.....	Bannon Canal.....	Irrig.....	.06	7	32	54	Sioux.....	July	1	1886	560
Boggy Cr., Mid...	Marten, Wm.....	Harrison.....	Marten Canal.....	Irrig.....	.36	18	32	54	Sioux.....	May	19	1896	342

Boggy Cr., West	Serres, Andrew P.....	Harrison.....	Hill Canal	Irrig.....	.86	11	32	55	Sioux.....	Jan.	20	1908	886
Boggy Cr., West	Eberspecher, Chris.....	Harrison.....	Eberspecher Reservoir...	Storage...		2	32	55	Sioux.....	Apr.	11	1950	4639
Caladonia Res....	Jordan, Con and Henry..	Harrison.....	Caladonia Canal	Stor-only.		13	33	57	Sioux.....	July	20	1922	1681
Caladonia Res....	Jordan, Con and Henry..	Harrison.....	Caladonia Canal	Stor-only.		13	33	57	Sioux.....	July	20	1922	1683
Caladonia Res....	Jordan, Con and Henry..	Harrison.....	Caladonia Canal	Supp. I...	D-543	13	33	57	Sioux.....	July	20	1922	1683
Canyons	Konrath, James.....	Harrison.....	Konrath Canal.....	Irrig.....	1.43	17	34	54	Sioux.....	Dec.	28	1905	808
Cedar Creek.....	Parsons, Con.....	Harrison.....	Schlit Cedar Cr. Canal..	Irrig.....	.57	35	33	56	Sioux.....	May	15	1885	507
Cedar Creek.....	Grote, Wm.....	Harrison.....	Valdez Canal	Irrig.....	.50	10	32	56	Sioux.....	Apr.	5	1886	976
Cedar Creek.....	Grote, Wm.....	Harrison.....	Grote Reservoir	Storage...	†19 AF	3	32	56	Sioux.....	June	4	1940	3172
Cherry Creek.....	Ruffing, M.....	Harrison.....	Cherry Creek Canal....	Irrig.....	.03	29	33	54	Sioux.....	May	1	1893	549
Cherry Creek.....	Serres, Harry.....	Harrison.....	Merlo Reservoir.....	Storage...	†15 AF	29	33	54	Sioux.....	May	21	1946	3909
Crystal Lake Res.	Hall, F. M.....	Harrison.....	Crystal Lake Canal.....	Stor-only.		6	32	55	Sioux.....	Aug.	22	1927	2286
Dout Reservoir 1.	Dout, Clarence.....	Harrison.....	Dout Canal No. 1.....	Stor-only.		7	33	56	Sioux.....	Apr.	2	1928	2000
Dout Reservoir 2.	Dout, Clarence.....	Harrison.....	Dout Canal No. 2.....	Stor-only.		7	33	56	Sioux.....	Apr.	2	1928	2002
Dry Gulch.....	Child, L. M.....	Harrison.....	Child Canal.....	Irrig.....	.57	28	34	56	Sioux.....	Aug.	14	1914	1376
Eberspecher Res..	Eberspecher, Frank.....	Harrison.....	Eberspecher Canal.....	Stor-only.		28	33	54	Sioux.....	Sept.	10	1945	3896
Geike Creek.....	Geike, Henry.....	Harrison.....	Geike Canal.....	Irrig.....	.43	19	33	56	Sioux.....	Nov.	4	1927	1967
Geiser Reservoir..	Geiser, John	Ardmore, S. D	Geiser Canal.....	Stor-only.		34	35	54	Sioux.....	Oct.	4	1940	3439
Grote Reservoir ..	Grote, William.....	Harrison.....	Grote Canal.....	Stor-only.		3	32	56	Sioux.....	June	4	1940	3450
Grote Reservoir ..	Grote, William.....	Harrison.....	Grote Canal.....	Supp. I...	D-976	3	32	56	Sioux.....	June	4	1940	3451

Stor-only. Land does not have a direct flow appropriation.

†Reservoir capacity alleged by applicant.

Supp. I. Denotes storage water in addition to direct flow.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-E—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Haas Reservoir...	Haas, Dominic.....	Harrison.....	Haas Canal.....	Stor-only.		6	32	54	Sioux.....	Oct.	20	1944		3851
Hat Creek.....	Thayer, Chas. L.....	Harrison.....	West Hat Creek Canal...	Irrig.....	.43	16	32	55	Sioux.....	June	1	1880	553a	
Hat Creek.....	Coffee, John T.....	Harrison.....	Coffee Canal.....	Irrig.....	4.29	26	33	55	Sioux.....	Sept.	1	1881	512	
Hat Creek.....	Thayer, Chas. L.....	Harrison.....	West Hat Creek Canal...	Irrig.....	.57	16	32	55	Sioux.....	May	31	1886	553b	
Hat Creek.....	Coffee, J. T.....	Harrison.....	Miller Canal.....	Irrig.....	.37	23	33	55	Sioux.....	May	19	1896		341
Hat Creek.....	Lyon, E. B.....	Harrison.....	Antrim Canal.....	Irrig.....	.57	3	32	55	Sioux.....	Dec.	24	1900		594
Hat Creek.....	Lyon, E. B.....	Harrison.....	Antrim Canal.....	Irrig.....	.57	3	32	55	Sioux.....	Aug.	20	1906		834
Hat Creek.....	Coffee, John T.....	Harrison.....	Coffee Flood Canal.....	Irrig.....	6.00	14	33	55	Sioux.....	Oct.	22	1912		1236
Hat Creek.....	Zerbe, Harry T.....	Harrison.....	Zerbe Reservoir.....	Storage.	†25 AF	35	33	55	Sioux.....	Mar.	25	1915		1407
Hat Creek.....	Wasserburger, Harry and Martin	Montrose.....	Pump.....	Irrig.....	.66	24	34	55	Sioux.....	Oct.	11	1940		3291
Hat Creek.....	Semroska, Barbara.....	Montrose.....	Semroska Canal.....	Irrig.....	.43	5	34	54	Sioux.....	July	2	1946		3922
Hat Creek, Ravine, Trib. to	Wasserburger, Jacob.....	Montrose.....	Wasserburger Reservoir..	Storage.	†45 AF	29	34	54	Sioux.....	May	6	1940		3149
Hat Creek, Ravine, Trib. to	Zerbe, Frank.....	Harrison.....	Zerbe Reservoir.....	Storage.	†22 AF	4	32	55	Sioux.....	July	6	1940		3196
Hat Creek, Ravine, Trib. to	Geiser, John.....	Ardmore, S. D	Geiser Reservoir.....	Storage...	†28 AF	34	35	54	Sioux.....	Oct.	4	1940		3279
Hat Creek, Ravine, Trib. to	Vyzourek, Emil W.....	Ardmore, S. D	Vyzourek Res. No. 2....	Storage...	†7 AF	28	35	54	Sioux.....	Oct.	7	1940		3281
Hat Creek, Ravine, Trib. to	Vyzourek, Emil W.....	Ardmore, S. D	Vyzourek Res. No. 3....	Storage...	†4 AF	27	35	54	Sioux.....	Dec.	6	1940		3343
Hat Creek, Ravine, Trib. to	Serres, E. J.....	Harrison.....	Serres Reservoir No. 1...	Storage...	†27 AF	30	33	54	Sioux.....	June	18	1945		3843
Hat Creek, Ravine, Trib. to	Serres, E. J.....	Harrison.....	Serres Reservoir No. 2...	Storage...	†54 AF	29	33	54	Sioux.....	June	18	1945		3844
Hat Creek, Ravine, Trib. to	Von Berg, Geo. E.....	Lamars, Iowa	Von Berg Reservoir.....	Storage...	†12 AF	9	32	55	Sioux.....	Nov.	12	1949		4530

Hat Creek, Ravine, Trib. to	Semroska, Mrs. Barbara.	Harrison.....	Semroska Reservoir	Storage...	†44 AF	6	34	54	Sioux.....	Apr.	21	1950	4647
Horse Creek.....	Haas, Dominic.....	Harrison.....	Haas Reservoir.....	Storage...	†28 AF	5	32	54	Sioux.....	Oct.	30	1944	3779
Indian Creek.....	Meier, August.....	Ardmore, S. D	Meter Canal.....	Irrig.....	.69	24	35	55	Sioux.....	Nov.	14	1946	4004
Indian Creek, Ravine, Trib. to	Wallace, Merritt C.....	Harrison.....	Wallace Reservoir.....	Storage...	†39 AF	29	35	56	Sioux.....	Sept.	16	1946	3962
Indian Creek, Ravine, Trib. to	Mader, Henry I.....	Greeley, Colo.	Mader Reservoir No. 1....	Storage...	†148 AF	21	35	55	Sioux.....	Oct.	15	1946	3983
Indian Creek, Ravine, Trib. to	Wallace, M. C.....	Harrison.....	Wallace Reservoir.....	Storage...	†109 AF	19	35	56	Sioux.....	Aug.	18	1949	4501
Indian Creek, Ravine, Trib. to	Mader, Henry I.....	Greeley, Colo.	Mader Reservoir No. 3....	Storage...	†24 AF	26	35	55	Sioux.....	Oct.	21	1949	4527
Indian Creek, Ravine, Trib. to	Mader, Henry I.....	Greeley, Colo.	Mader Reservoir No. 2....	Storage...	†84 AF	28	35	55	Sioux.....	Jan.	25	1950	4578
Indian Creek, Ravine, Trib. to	Henry, J. L.....	Crawford.....	Henry Reservoir No. 2....	Storage...		30	35	55	Sioux.....	May	17	1950	4679
Indian Creek, Ravine, Trib. to	Henry, J. L.....	Crawford.....	Henry Reservoir No. 1....	Storage...		19	35	55	Sioux.....	May	17	1950	4680
Jim Creek	Dout, Clarence H.....	Harrison.....	Dout Brothers Canal....	Irrig.....	.86	7	33	56	Sioux.....	May	15	1889	981
Jim Creek	Jordan, Con and Henry..	Harrison.....	Woodruff South Canal...	Irrig.....	.36	14	33	57	Sioux.....	May	1	1890	536
Jim Creek	Snyder, Thos. A.....	Harrison.....	Jim Creek Canal.....	Irrig.....	.43	8	33	56	Sioux.....	Dec.	15	1890	502
Jim Creek	Jordan, Con and Henry..	Harrison.....	Slattery Canal.....	Irrig.....	.29	13	33	57	Sioux.....	May	31	1891	543
Jim Creek	Jordan, Con and Henry..	Harrison.....	Caladonia Reservoir....	Storage...	†42 AF	13	33	57	Sioux.....	July	20	1922	1680
Jim Creek	Jordan, Con and Henry..	Harrison.....	High Line Canal.....	Irrig.....	.34	13	33	57	Sioux.....	July	20	1922	1682
Jim Creek and No. Jim Creek	Dout, Clarence.....	Harrison.....	Dout Reservoir No. 1....	Storage...	†145 AF	7	33	56	Sioux.....	Apr.	2	1928	1999
Jim Creek	Dout, Clarence.....	Harrison.....	Dout Reservoir No. 2....	Storage...	†16 AF	7	33	56	Sioux.....	Apr.	2	1928	2001
Jim Creek	Staudenmaier, Charles..	Harrison.....	Jim Creek Canal.....	Irrig.....	.27	15	33	54	Sioux.....	May	17	1945	3834
Jim Creek	Jordan, Con and Henry..	Harrison.....	Caladonia Reservoir No. 2	Storage...		13	33	57	Sioux.....	June	12	1950	4696

Stor-only. Land does not have a direct flow appropriation.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-E—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Jim Creek, Ravine, Trib. to	Snyder, John A.....	Harrison.....	Snyder Reservoir.....	Storage..	†45 AF	17	33	56	Sioux.....	Dec.	23	1940	3358
Jim Creek, East..	Wasserburger, J.....	Montrose.....	Wasserburger Canal.....	Irrig.....	2.29	29	34	54	Sioux.....	Oct.	13	1900	581
Jim Creek, East..	Staudenmaier, Charles...	Harrison.....	Staudenmaier Canal.....	Irrig.....	.56	23	33	54	Sioux.....	July	26	1945	3848
Jim Creek, East..	Staudenmaier, Charles...	Harrison.....	Staudenmaier Reservoir..	Storage..	†44 AF	15	33	54	Sioux.....	Oct.	7	1949	4520
Jim Creek, East, Trib. to	Coffee, S. B.....	Harrison.....	Homestead Canal.....	Irrig.....	.22	22	33	54	Sioux.....	May	31	1890	984
Jim Creek, East, Trib. to	Hunter, H. C.....	Orella.....	Hunter Canal.....	Irrig.....	.03	26	33	54	Sioux.....	May	12	1898	451
Jim Creek, East, Ravine, Trib. to	Eberspecher, Frank.....	Harrison.....	Eberspecher Reservoir..	Storage..	†16 AF	28	33	54	Sioux.....	Sept.	10	1945	3853
Jordan Draw.....	Jordan, Dan.....	Harrison.....	Dan Jordan Reservoir..	Storage..	†50 AF	32	33	55	Sioux.....	Feb.	20	1929	2071
Jordan, C. Res...	Dout, Clarence H.....	Harrison.....	Cornelius Jordan Canal.	Supp. I..	A-841	13	33	56	Sioux.....	Nov.	12	1906	841
Jordan, C. Res...	Dout, Clarence H.....	Harrison.....	Cornelius Jordan Canal.	Supp. I..	A-841	13	33	56	Sioux.....	Jan.	14	1915	1469
Jordan, C. Res...	Dout, Clarence H.....	Harrison.....	Kite Canal.....	Supp. I..	A-1375	13	33	56	Sioux.....	Jan.	14	1915	1470
Jordan, D. Res...	Jordan, Dan.....	Harrison.....	Dan Jordan Canal.....	Stor-only.		32	33	56	Sioux.....	Feb.	20	1929	2072
Jordan, A. Res...	Jordan, Allen.....	Montrose.....	Jordan Canal.....	Stor-only.		9	34	55	Sioux.....	Aug.	23	1940	3446
Jordan, Allen (Lower Res.)	Jordan, Allen.....	Montrose.....	Lower Jordan Canal.....	Stor-only.		16	34	55	Sioux.....	Feb.	28	1941	3446
Lickett Creek....	Coffee, S. B.....	Harrison.....	Lickett Canal.....	Irrig.....		27	33	54	Sioux.....				1005*
Lickett Creek....	Coffee, S. B.....	Harrison.....	Lickett Canal.....	Irrig.....	1.43	27	33	54	Sioux.....	Mar.	21	1900	549
Little Red Creek.	Grimm, Wm. O.....	Harrison.....	Zerbst Canal.....	Irrig.....	.90	34	33	56	Sioux.....	Apr.	3	1928	2003
Long Branch.....	Turnbull, S. C.....	Ardmore, S.D.	O'Connell Canal.....	Irrig.....	.20	22	35	54	Sioux.....	Nov.	10	1900	587

Long Branch.....	Ebert, L. J.....	Ardmore, S, D	Ebert Canal.....	Irrig.....	.14	19	35	53	Sioux.....	Aug.	22	1901	635
Mader Reservoir.	Mader, Henry I.....	Greeley, Colo.	Mader Canal.....	Irrig.....		21	35	55	Sioux.....	Oct.	15	1946	4236
Mader Res. No. 3	Mader, Henry I.....	Greeley, Colo.	Mader Canals 4 and 5.....	Irrig.....		26	35	55	Sioux.....	Oct.	21	1949	4730
Merlo Reservoir..	Serres, Harry J.....	Harrison.....	Merlo Canal No. 1.....	Irrig.....		29	33	54	Sioux.....	May	21	1946	4087
Monroe Creek....	Parsons, Con.....	Harrison.....	Big Monroe Canal.....	Irrig.....	1.43	33	33	56	Sioux.....	May	1	1888	506
Monroe Creek....	Parsons, Con.....	Harrison.....	Schilt-Monroe Canal.....	Irrig.....	.50	27	33	56	Sioux.....	July	2	1888	509
Monroe Creek....	Noreisch, Wm.....	Harrison.....	Noreisch Canal.....	Irrig.....	.04	33	33	56	Sioux.....	July	19	1895	83
Monroe Creek....	Dout, Clarence H.....	Harrison.....	Cornelious Jordan Canal.	Irrig.....	2.30	13	33	56	Sioux.....	Nov.	12	1906	841
Monroe Creek....	Dout, Clarence H.....	Harrison.....	Cornelious Jordan Res...	Storage..	†271 AF	13	33	56	Sioux.....	Nov.	12	1906	841
Monroe Creek....	Dout, Clarence H.....	Harrison.....	Kite Canal.....	Irrig.....	2.00	13	33	56	Sioux.....	July	30	1914	1375
Monroe Creek....	Dout, Clarence H.....	Harrison.....	Cornelious Jordan Canal.	Storage..	†400 AF	13	33	56	Sioux.....	Jan.	14	1915	1399
Monroe Creek....	Wasserburger, Harry A. and Martin L.	Montrose.....	Richard Jordan Canal...	Irrig.....	1.67	22	33	56	Sioux.....	Sept.	19	1928	2032
Monroe Creek....	Parsons, Bruce.....	Harrison.....	Keel Canal.....	Irrig.....	.02	5	32	56	Sioux.....	Aug.	20	1931	2228
Monroe Creek....	Hebner, Fred W., et al.	Harrison.....	Monroe Reservoir.....	Fish.....	†3 AF	8	32	56	Sioux.....	Jan.	16	1933	2297
Monroe Creek....	Knori, Samuel.....	Harrison.....	Big Monroe Canal.....	Irrig.....	2.10	33	33	56	Sioux.....	Apr.	16	1934	2372
Monroe Creek, Ravine, Trib. to	Parsons, Con.....	Harrison.....	Parsons Reservoir.....	Storage..		27	33	56	Sioux.....	May	21	1946	3903*
Plunkett Reservoir	Plunkett, Thomas.....	Harrison.....	Plunkett Canal.....	Stor-only.		25	33	56	Sioux.....	Sept.	18	1928	2070
Prairie Dog (or Little Red) Cr.	Parsons, Con.....	Harrison.....	Schilt-Prairie Dog Canal	Irrig.....	1.14	35	33	56	Sioux.....	May	31	1886	508
Prairie Dog (or Little Red) Cr.	Plunkett, Thomas.....	Harrison.....	Zerbst Canal.....	Irrig.....	.14	25	33	56	Sioux.....	May	1	1893	551
Prairie Dog (or Little Red) Cr.	Plunkett, Thomas.....	Harrison.....	Plunkett Reservoir.....	Storage..	†110 AF	25	33	56	Sioux.....	Sept.	18	1928	2031
Prairie Dog (or Little Red) Cr.	Plunkett, Thomas.....	Harrison.....	Plunkett Canal.....	Irrig.....	1.34	25	33	56	Sioux.....	June	24	1944	3737

†Reservoir capacity alleged by applicant.
 Supp. I. Denotes storage water in addition to direct flow.
 Stor-only. Land does not have a direct flow appropriation.
 *Application pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-E—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Prairie Dog (or Little Red) Cr.	Plunkett, Thomas.....	Harrison.....	Plunkett Canal.....	Irrig.....	.36	25	33	56	Sioux.....	June	14	1945		3842
Raben Reservoir..	Raben, Ellen.....	Crawford.....	Raben Canal.....	Stor-only.		22	34	54	Sioux.....	Feb.	19	1942		4586
Schaefer Res. Nos. 1 and 2	Schaefer Cattle Co.....	Harrison.....	Leonard Canals 1 and 2..	Stor-only.		5	32	55	Sioux.....	Feb.	27	1933		3557
Schnurr Reservoir	Schnurr, Wm. E. & C. A.	Harrison.....	Schnurr Canal.....	Stor-only.		13	34	57	Sioux.....	Oct.	10	1944		3871
Serres Res. No. 1.	Serres, E. J.....	Harrison.....	Serres Canal No. 1.....	Stor-only.		30	33	54	Sioux.....	June	18	1945		3969
Serres Res. No. 2.	Serres, E. J.....	Harrison.....	Serres Canal No. 2.....	Stor-only.		29	33	54	Sioux.....	June	18	1945		3970
Shepherd Res.....	Robinson, Evelyn M.....	Lingle, Wyo...	Shepherd Reservoir Canal	Supp. I..	A-1965	36	34	57	Sioux.....	Jan.	29	1931		3795
Snyder Reservoir.	Snyder, John A.....	Harrison.....	Snyder Canal.....	Stor-only.		32	33	55	Sioux.....	Dec.	23	1940		3445
Sow Belly Creek..	Schaefer Cattle Co.....	Harrison.....	Old Sow Belly Canal.....	Irrig.....	3.00	7	32	55	Sioux.....	June	1	1887	533	
Sow Belly Creek..	Zerbe, Frank.....	Harrison.....	Montgomery Canal.....	Irrig.....	1.00	21	33	55	Sioux.....	Dec.	1	1890	559	
Sow Belly Creek..	Jordan, Sarah, Estate...	Harrison.....	Jordan Canal.....	Irrig.....	.43	21	33	55	Sioux.....	June	1	1895	556	
Sow Belly Creek..	Jordan, Sarah, Estate...	Harrison.....	Jordan Canal.....	Irrig.....	.50	21	33	55	Sioux.....	May	11	1896		424
Sow Belly Creek..	Nutto, F.....	Harrison.....	Nutto Canal.....	Irrig.....	.43	24	32	56	Sioux.....	Sept.	4	1897		404
Sow Belly Creek..	Carroll, M. J.....	Harrison.....	Carroll Canal.....	Irrig.....	.14	7	32	55	Sioux.....	July	12	1899		516
Sow Belly Creek..	Zimmerman, Cleve G. and Emery J.	Harrison.....	Zimmerman Canal.....	Irrig.....	.57	34	33	55	Sioux.....	Jan.	11	1900		532
Sow Belly Creek..	Jordan, Sarah, Estate...	Harrison.....	Jordan Canal.....	Irrig.....	.14	21	33	55	Sioux.....	May	26	1902		668
Sow Belly Creek..	O'Connell, M. J.....	Montrose.....	O'Connell Canal.....	Irrig.....	10.00	9	33	55	Sioux.....	May	5	1913		1288
Sow Belly Creek..	Schaefer Cattle Co.....	Harrison.....	Old Sow Belly Canal.....	Storage...	1150 AF	7	32	55	Sioux.....	Feb.	27	1933		2306

Sow Belly Creek.	Schaefer Cattle Co.....	Harrison.....	New Sow Belly Canal.....	Storage...	†150 AF	8 32 55	Sioux.....	Feb.	27 1933	2306R
Sow Belly Creek.	Andrews, Agnes.....	Harrison.....	Andrews Canal.....	Storage...	†24 AF	5 32 55	Sioux.....	Mar.	26 1935	2560
Sow Belly Creek, Sprgs, Trib. to	Lundy, Effie.....	Harrison.....	Lundy Reservoir.....	Storage...	†3 AF	24 32 56	Sioux.....	Apr.	17 1946	3894
Spring Creek.....	Hall, W. S. and F. M....	Harrison.....	Hall Spring Canal.....	Irrig.....	.57	6 32 55	Sioux.....	Mar.	26 1889	550
Spring Creek.....	Schaefer Cattle Co.....	Harrison.....	Spring Creek Canal.....	Irrig.....	.29	7 32 55	Sioux.....	June	1 1893	532
Spring Creek.....	Hall, F. M.....	Harrison.....	Crystal Lake Reservoir.	Storage...	†40 AF	6 32 55	Sioux.....	Aug.	22 1927	1954
Spring Creek.....	Schaefer Cattle Co.....	Harrison.....	Spring Creek Reservoir.	Storage...	†66 AF	12 32 56	Sioux.....	Oct.	13 1939	2985
Spring Creek Res.	Schaefer Cattle Co.....	Harrison.....	Spring Creek Canal.....	Stor-only.		7 32 55	Sioux.....	Oct.	13 1939	3310
Squaw Creek.....	Seaman, Chas. and Jasper	Harrison.....	Dunn Canal.....	Irrig.....	.36	15 33 57	Sioux.....	June	1 1890	552
Squaw Creek.....	Thomas, S. M.....	Harrison.....	Hamlin Canal.....	Irrig.....	.01	10 33 57	Sioux.....	Apr.	1 1891	555
Squaw Creek.....	Thomas, Ira.....	Harrison.....	Thomas Canal.....	Irrig.....	.50	10 33 57	Sioux.....	July	23 1901	327
Squaw Creek.....	Robinson, Evelyn M....	Lingle, Wyo...	Shepherd Canal.....	Irrig.....	3.16	36 34 57	Sioux.....	Oct.	24 1927	1965
Squaw Creek, So.	Robinson, Evelyn M....	Lingle, Wyo...	Shepherd Reservoir.....	Storage...	†80 AF	2 33 57	Sioux.....	Jan.	29 1931	2189
Turner Reservoir.	Schnurr, Wm. E. and Clarence A.	Harrison.....	Turner Canal.....	Supp. I..	D-537	26 34 57	Sioux.....	July	3 1922	1676
Turner Reservoir.	Schnurr, Wm. E. and Clarence A.	Harrison.....	Turner Canal.....	Stor-only.		26 34 57	Sioux.....	July	3 1922	1677
Vyzourek Reser- voir No. 2	Vyzourek, Emil W.....	Ardmore, S. D.	Emil Canal.....	Stor-only.		27 35 54	Sioux.....	Oct.	7 1940	3457
Vyzourek Reser- voir No. 3	Vyzourek, Emil W.....	Ardmore, S. D.	Vyzourek Canal.....	Stor-only.		27 35 54	Sioux.....	Dec.	6 1940	3458
Wallace Reservoir	Wallace, Merritt C.....	Harrison.....	Wallace Canal.....	Irrig.....		29 35 56	Sioux.....	Sept.	16 1946	4036
Warbonnet Creek.	Coffee, John T.....	Harrison.....	Wabonnet Canal.....	Irrig.....	3.63	21 33 56	Sioux.....	July	31 1880	548
Warbonnet Creek.	Jordan, Con and Henry..	Harrison.....	Nolan Canal No. 1.....	Irrig.....	.01	23 33 57	Sioux.....	Mar.	15 1887	957

Stor-only. Land does not have a direct flow appropriation.

Supp. I. Denotes storage water in addition to direct flow.

†Reservoir capacity alleged by applicant.

'R' Denotes relocation.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-E—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	ADD. No.	
						S	T	R	County	Mo.	D			Yr.
Warbonnet Creek.	Jordan, Con and Henry..	Harrison.....	Nolan Canal No. 2.....	Irrig.....	.29	23	33	57	Sioux.....	May	1	1888	959	
Warbonnet Creek.	Coffee, John T.....	Harrison.....	Warbonnet Canal No. 2..	Irrig.....	1.50	20	33	56	Sioux.....	Mar.	11	1908		892
Warbonnet Creek.	Wasserburger, Gertrude..	Ardmore, S. D.	O'Connell Canal	Irrig.....	.35	17	33	55	Sioux.....	June	20	1932		2274
Warbonnet Creek, Spr. Br., Trib. to	Coffee, John T.....	Harrison.....	Biehle Canal	Irrig.....	.23	32	33	56	Sioux.....	Apr.	1	1891	538	
Warbonnet Creek, Spr. Br., Trib. to	Coffee, John T.....	Harrison.....	Garton Canal	Irrig.....	1.43	31	33	56	Sioux.....	Oct.	16	1893	503	
Warbonnet Creek, South Branch	Coffee, John T.....	Harrison.....	Kay Canal	Irrig.....	.14	26	33	57	Sioux.....	May	1	1887	958	
Warbonnet Creek, South Branch	Coffee, John T.....	Harrison.....	Dout Canal	Irrig.....	.71	30	33	56	Sioux.....	May	31	1889	539a	
Warbonnet Creek, South Branch	Coffee, John T.....	Harrison.....	Dout Canal	Irrig.....	.29	30	33	56	Sioux.....	Dec.	31	1891	539b	
Warbonnet Creek, South Branch	Slattery L. and C. Co..	Harrison.....	Zerbst Canal No. 2.....	Irrig.....	.17	25	33	57	Sioux.....	Mar.	6	1915		1404
Warbonnet Creek, South Branch	Slattery L. and C. Co..	Harrison.....	Zerbst Canal No. 1.....	Irrig.....	.03	26	33	57	Sioux.....	Mar.	6	1915		1405
Warbonnet Creek, Ravine, Trib. to	Jordan, Con and Henry..	Harrison.....	Summers Reservoir	Storage..		23	33	57	Sioux.....	June	12	1950		4697*
Warbonnet Creek, Ravine, Trib. to	Jordan, Con and Henry..	Harrison.....	Trout Reservoir	Storage..		23	33	57	Sioux.....	June	12	1950		4698*
Wasserburger Reservoir	Wasserburger, Jacob....	Montrose....	Wasserburger Canal	Supp. I...	A-581	29	34	54	Sioux.....	May	6	1940		3581
Wasserburger Reservoir	Wasserburger, Jacob....	Montrose....	Wasserburger Canal	Stor-only.		29	34	54	Sioux.....	May	6	1940		3581

Whitehead Creek	U. S. of America and Geiser, John	Washington... Ardmore, S. D	Geiser Canal	Irrig.....	1.24	4	34	54	Sioux.....	Mar.	13	1941	3414
Whitehead Creek, Ravine, Trib. to	Raben, Ellen M.....	Crawford.....	Raben Reservoir	Storage..	†15 AF	22	34	54	Sioux.....	Feb.	19	1942	3553
Whitehead Creek, Ravine, Trib. to	Meng, Albert.....	Crawford.....	Whitehead Reservoir ...	Storage..	†17 AF	13	33	54	Sioux.....	Dec.	5	1949	4541
Whitehead Creek, Ravine, Trib. to	Raben, Ellen M.....	Crawford.....	Raben Reservoir No. 2..	Storage..	†99 AF	23	34	54	Sioux.....	Jan.	13	1950	4569
Whitehead Creek, Spg. Br., Trib. to	Howard, Mrs. Margaret.	Orella.....	Harrison Canal	Irrig.....	.06	13	33	54	Sioux.....	May	30	1888	547
Wickersham Res..	Wickersham Cattle Co..	Harrison.....	Wickersham Canal	Stor-only.		30	33	54	Sioux.....	Dec.	24	1930	2203
Zerbe Reservoir..	Zerbe, Frank.....	Harrison.....	Zerbe Canal	Stor-only.		4	32	55	Sioux.....	July	6	1940	3422

*Application pending.

Supp. 1. Denotes storage water in addition to direct flow.

Stor-only. Land does not have a direct flow appropriation.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 2-F

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Aowa Creek.....	Iverson, E. C.....	Ponca.....	Pump.....	Irrig.....	.34	23	30	6E	Dixon.....	Aug.	5	1948		3938
Bazille Creek....	Jirous, Frank, Estate...	Creighton....	Creighton Mill Race.....	Power....		21	29	5	Knox.....				1002*	
Bazille Creek....	Moss and Buckler.....	Battle Creek..	Creighton Mills.....	Power....	30.00	21	29	5	Knox.....	Sept.	24	1908		914
Bazille Creek....	Keck, Howard W.....	Creighton....	Benedict Water Wheel..	Irrig.....	.13	28	29	5	Knox.....	Apr.	17	1931		2198
Bazille Creek....	McGill, Wm. R.....	Center.....	Pump.....	Irrig.....	1.03	27	31	5	Knox.....	Oct.	1	1931		2242
Bazille Creek....	Dalton, Chas. S.....	Niobrara.....	Pump.....	Irrig.....	.96	10	31	5	Knox.....	Aug.	17	1936		2616
Bazille Creek....	Huigens and Norwood...	Creighton....	Pump.....	Irrig.....	.15	21	29	5	Knox.....	Feb.	5	1937		2693
Bazille Creek....	Lutt, Elmer F.....	Niobrara.....	Pump.....	Irrig.....	.31	22	31	5	Knox.....	Oct.	13	1939		2984
Bazille Creek....	Condon, Helen F. et al..	Creighton....	Pump.....	Irrig.....	1.11	34	29	5	Knox.....	Apr.	8	1948		4242
Bazille Creek....	Ebel, Victor.....	Creighton....	Pump.....	Irrig.....	.09	8	28	5	Antelope..	May	24	1948		4271
Bazille Cr., Little	York, Elmer.....	Center.....	Pump.....	Irrig.....	.09	14	30	5	Knox.....	Sept.	7	1938		2882
Bow Creek.....	Jones, A. W.....	Wynot.....	Bow Valley Mills.....	Power....	52.00	11	32	2E	Cedar.....	Spg.		1869	1050	
Bow Creek.....	Jones, A. W.....	Wynot.....	Pump.....	Irrig.....	1.00	11	32	2E	Cedar.....	Dec.	19	1936		2673
Bow Creek.....	Elliott, Robert B.....	Hartington....	Pump.....	Irrig.....	.26	13	30	1	Cedar.....	Oct.	9	1946		3977
Bow Creek.....	Stratman, Edgar J.....	Wynot.....	Pump.....	Irrig.....	.33	11	31	2E	Cedar.....	July	30	1947		4089
Bow Creek.....	Tigges, Charles.....	Fordyce.....	Pump.....	Irrig.....	.36	14	31	2E	Cedar.....	Feb.	6	1948		4203
Bow Creek.....	Heimes, William.....	Hartington....	Pump.....	Irrig.....	.31	22	31	2E	Cedar.....	Mar.	16	1948		4234
Bow Creek.....	Leise, Otto.....	Crofton.....	Pump.....	Irrig.....	.31	29	31	2E	Cedar.....	July	6	1948		4302
Bow Creek.....	Kathol, Lorenz.....	Hartington....	Pump.....	Irrig.....	.34	11	30	1E	Cedar.....	July	21	1948		4309
Bow Creek, W....	Eickhoff, Frank.....	Fordyce.....	Pump.....	Irrig.....	.45	1	31	1	Cedar.....	Aug.	22	1941		3489
Decatur Springs..	Village of Decatur.....	Decatur.....	Decatur Pipe Line.....	Domestic.	2.00	10	28	10E	Burt.....	May	2	1940		3147
Elk Creek (Jackson Chute)	Crystal Lake Company..	South Sioux City	Crystal Lake Dam.....	Ice.....	15.00	28	29	8E	Dakota....	Apr.	12	1923		1714

Norwegian Bow Creek	Arens, F. H.....	Hartington ...	Pump	Irrig.....	.34	20	31	1E	Cedar.....	June	17	1938	2877	
Papillion Cr., W..	Borman, Herman	Papillion ...	Pump	Irrig.....	.82	17	14	12E	Sarpy.....	July	24	1936	2594	
Papillion Cr., W..	Trumble, Harland	Papillion ...	Pump	Irrig.....	.51	21	14	12E	Sarpy.....	Nov.	19	1940	3331	
Papillion, Big, North Fork	Kraska, J. C.....	So. Omaha ...	Pump	Irrig.....	1.53	19	14	13E	Sarpy.....	Nov.	10	1936	2657	
Ferrin Creek.....	Bartels, Lester.....	Laurel	Pump	Irrig.....	.66	30	29	3E	Cedar.....	May	3	1937	2738	
Pearl Creek.....	Christensen, Raymond...	Hartington ...	Pump	Irrig.....	.16	34	30	1E	Cedar.....	Feb.	24	1948	4212	
South Creek.....	Stark, Frank	Ponca	Pump	Irrig.....	.69	28	30	6E	Dixon.....	Feb.	26	1942	3556	
South Creek.....	Lund, Jay E.....	Allen	Pump	Irrig.....	.11	15	29	5E	Dixon.....	July	25	1946	3931	
South Creek.....	Lund, Jay E.....	Allen	Pump	Irrig.....	.04	22	29	5E	Dixon.....	Dec.	26	1946	4014	
South Creek.....	Lahrs, Henry W.....	Allen	Pump	Irrig.....	.20	28	29	5E	Dixon.....	Mar.	29	1948	4237	
Spring Creek.....	Stochl, Chas. H.....	Creighton ...	Pump	Pump.....	.03	21	29	5	Knox.....	Oct.	25	1935	2564	
Springs	Nye, Ellen	Plainview ...	Nye Reservoir	Storage...	†15	AF	26	28	5	Antelope...	Aug.	31	1936	2631
Springs	Village of Crofton.....	Crofton	Crofton Water Supply...	Domestic.	.25	26	32	2	Knox.....	Oct.	29	1930	2169	

*Claim not adjudicated.

†Reservoir capacity alleged by applicant.

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OPTIONAL DIVERSIONS

RECORD OF OPTIONAL DIVERSION—DIVISION 1-A

Optional Appropriation Number	Optional Source	Optional Diversion		Optional Diversion Carrier	Original Appropriation Number	Original Source	Original Diversion		Filing Date for Optional Diversion Permit
			S - T - R					S - T - R	
A-1290	Akers or Nelson Draw..		12-23-57	Nelson Draw Canal..	D- 920	North Platte River...	NW¼ NW¼	27-23-57	May 21, 1913
P- 189*	Alliance Feeder Drain...	NW¼ SE¼	18-22-53	Tri-State Canal.....	D- 918	North Platte River...	SW¼ SE¼	3-23-58	Mar. 11, 1935
A-2243	Anderson Seep	NW¼ SE¼	26-20-51	Gordon Canal.....	D- 858	North Platte River...	SE¼ SW¼	18-20-51	Nov. 7, 1941
A-1450	Atkins Drain	SW¼ SW¼	15-19-40	Atkins Canal.....	D- 828	North Platte River...	SE¼ SW¼	18-20-51	Mar. 27, 1916
A-1776	Bayard Sugar Fcty. Dr..	SE¼ NE¼	5-20-52	Alliance Canal.....	D- 874	North Platte River...	NW¼ SW¼	5-20-52	Aug. 13, 1925
A-1495	Buffalo Creek.....	NW¼ SE¼	22-10-21	Savins Pump.....	D- 622	Platte River.....	N½ NW¼	18-10-23	Aug. 17, 1917
A-1648	Buffalo Creek.....	NW¼ NW¼	21-10-21	Doughty Pump.....	D- 622	Platte River.....	N½ NW¼	18-10-23	Mar. 24, 1922
A-1868	Buffalo Creek.....	W½	33-10-20	Hodgson Pump.....	D- 622	Platte River.....	N½ NW¼	18-10-23	Oct. 28, 1926
A-2088	Camp Clark Seep.....	NW¼ SW¼	6-20-51	Alliance Canal.....	A- 418	North Platte River...	SW¼ SW¼	16-20-51	June 22, 1929
A-1397	Cedar Creek.....	SW¼ SW¼	23-18-48	Cedar Creek Feeder..	D- 828	North Platte River...	SE¼ SW¼	18-20-51	Jan. 7, 1915
P- 201	Dawson Co. Drainage District No. 1	NW¼ SE¼	1- 9-22	Murray Pump.....	D- 621	Platte River.....	NW¼ NW¼	18-10-23	June 2, 1937
A-2777*	Dawson Co. Drainage District No. 1	SE¼ SW¼	18- 9-20	Beatty Pump.....	A-2083	Strever Creek.....	SE¼ SW¼	18- 9-20	Aug. 24, 1937
A-2129	Dawson Co. Drainage District No. 1	NW¼	14- 9-21	Rosenberg Pump.....	D- 624	Platte River.....	N½ NW¼	18-10-23	Mar. 15, 1930
P- 197	Dawson Co. Drainage District No. 1	SW¼ SW¼	11- 9-21	Sheldon Pump.....	A-2145	Platte River.....	N½ NW¼	18-10-23	May 7, 1937
P- 226	Degraw Canal.....	NW¼ SE¼	14-20-51	Mitchell Pump.....	A- 418	North Platte River...	SW¼ SW¼	16-20-51	Apr. 23, 1940
A-1241	Dry Spotted Tail Creek..	SW¼ NW¼	16-23-56	Hrasky Canal.....	D- 918	North Platte River...	SW¼ SE¼	3-23-58	Nov. 6, 1912
P- 185*	Dry Spotted Tail Creek..	SW¼ SW¼	4-23-56	Tri-State Canal.....	D- 918	North Platte River...	SW¼ SE¼	3-23-58	Mar. 11, 1935
P- 195	Dry Spotted Tail Creek..	SW¼ NW¼	16-23-56	Kellum Pump.....	D- 918	North Platte River...	SW¼ SE¼	3-23-58	Mar. 24, 1937
P- 236	Dry Spotted Tail Creek..	NE¼ NE¼	20-23-56	Dry Spotted Tail Creek Lateral	D- 920	North Platte River...	NW¼ NW¼	27-23-57	Oct. 15, 1940

A-2281	Ground Water.....	SW¼ NW¼	20-9-20	Beatty Well.....	D-624	Platte River.....	N½ NW¼	18-10-23	Aug. 29, 1932
A-2513	Ground Water.....	SW¼ SE¼	19-9-20	Beatty Well.....	D-624	Platte River.....	N½ NW¼	18-10-23	Feb. 15, 1935
P-2041	Ground Water.....	NW¼ SE¼	33-10-23	Neil Well.....	D-627	Platte River.....	NW¼ SW¼	9-10-24	Feb. 18, 1938
A-1473	Hoth Draw.....	N½	28-21-52	O'Holleren Pump.....	D-918	North Platte River...	SW¼ SE¼	3-23-58	Jan. 26, 1917
A-1744	Kearney Tail Race.....	N½ NW¼	11-8-16	Peaker Pump.....	D-1023	Platte River.....	SW¼	4-8-18	May 8, 1924
A-2638	Lincoln Co. Drainage Dist. No. 1, Ditch 1	NW¼ SW¼	26-14-31	Evans Pump.....	D-662	North Platte River...	NE¼ SE¼	12-14-33	Sept. 14, 1936
A-2694	Lincoln Co. Drainage Dist. No. 1, Ditch 1	SW¼ NE¼	30-14-31	Frame Pump.....	D-635	North Platte River...	NE¼ SE¼	13-14-34	Feb. 6, 1937
P-213	Lincoln Co. Drainage Dist. No. 1, Ditch 1	SW¼ NW¼	25-14-32	Suburban Canal.....	D-662	North Platte River...	NE¼ SE¼	12-14-33	Oct. 15, 1938
A-2459	Lincoln Co. Drainage Dist. No. 1, Ditch 2	NW¼ NE¼	30-14-31	Reimers Pump.....	D-635	North Platte River...	NE¼ SE¼	13-14-34	Aug. 13, 1934
A-2648	Lincoln Co. Drainage Dist. No. 1, Ditch 2	W½ NW¼	29-14-31	Suburban Canal.....	D-662	North Platte River...	NE¼ SE¼	12-14-33	Oct. 22, 1936
P-198	Lincoln Co. Drainage Dist. No. 1, Ditch 2	N½	26-14-31	Evans Pump.....	D-662	North Platte River...	NE¼ SE¼	12-14-33	May 15, 1937
P-245	Minatare Drain.....	SW¼ SW¼	3-21-53	Minatare Lateral...	D-919	North Platte River...	NW¼ SE¼	32-22-54	Nov. 13, 1941
P-265	Minatare Drain.....	NW¼ NW¼	10-21-53	Redding Pump.....	D-919	North Platte River...	NW¼ SE¼	32-22-54	Apr. 13, 1946
A-1742	North Platte River.....	N½ SE¼	4-16-44	Overland-Midland ...	D-800	Blue Creek.....	SW¼ SW¼	28-17-12	Mar. 31, 1924
A-2150	North Platte River.....	NW¼ SE¼	26-22-55	Gering Factory Pump	A-2054	North Platte River...	NW¼ NW¼	36-22-55	July 24, 1930
A-1431	Nine Mile Draw.....	NW¼ SW¼	10-21-53	Nine Mile Canal.....	D-925	North Platte River...	NE¼ SW¼	18-21-53	Aug. 19, 1915
P-185	Paxton Creek.....	SE¼ SE¼	31-15-37	Coyner Canal.....	A-662b	White Tail Creek...	SE¼ NE¼	26-15-38	Feb. 28, 1935
A-1860	Pedens Lake.....	SE¼ SE¼	12-11-23	Excell Canal.....	D-645b	Platte River.....	NW¼ SW¼	19-12-26	Sept. 16, 1926
A-1429	Red Willow Creek.....	NW¼ SW¼	6-20-51	Alliance Canal.....	D-874	North Platte River...	NW¼ SW¼	5-20-52	Aug. 5, 1915
A-1432	Red Willow Creek.....	SE¼ SE¼	12-20-51	Dobson Canal.....	A-1181	North Platte River...	NW¼ SW¼	5-20-52	Sept. 10, 1915
A-2088	Red Willow Creek.....	NE¼ NE¼	9-20-51	Alliance Canal.....	A-418	North Platte River...	SW¼ SW¼	16-20-51	June 22, 1929

RECORD OF OPTIONAL DIVERSION—DIVISION 1-A—CONCLUDED

Optional Appropriation Number	Optional Source	Optional Diversion		Optional Diversion Carrier	Original Appropriation Number	Original Source	Original Diversion		Filing Date for Optional Diversion Permit
			S-T-R					S-T-R	
P- 262	Red Willow Creek.....	NE¼ SE¼	32-21-51	Belden Pump.....	D- 925	North Platte River..	SE¼ SE¼	18-21-53	Aug. 24, 1945
A-1176	Sheep Creek.....	NE¼ NE¼	17-23-57	Sheep Creek Lateral.	D- 918	North Platte River..	SW¼ SE¼	3-23-58	Feb. 26, 1912
A-1398	Sheep Creek.....	NE¼ NE¼	17-23-57	Sheep Creek Lateral.	D- 918	North Platte River..	SW¼ SE¼	3-23-58	Jan. 12, 1915
P- 191*	Sheep Creek.....	NE¼ SW¼	8-23-57	Tri-State Canal.....	D- 918	North Platte River..	SW¼ SE¼	3-23-58	Mar. 11, 1935
P- 248*	South Platte River.....	NW¼	8-13-36	Sutherland Canal....	A-2350	North Platte River..	SE¼	2-14-38	July 29, 1943
A-2049	Strever Creek.....	NW¼ NW¼	35- 9-20	Jurgenson Pump.....	D- 624	Platte River.....	N¼ NW¼	18-10-23	Oct. 19, 1928
A-2101	Strever Creek.....	SW¼ SE¼	27 -9-20	Wengler Pump.....	A-2039	Platte River.....	N¼ NW¼	18-10-23	Aug. 27, 1929
A-2502	Taylor Drain.....	SW¼ NW¼	3-21-53	Oberlies Canal.....	D- 919	North Platte River..	NW¼ SE¼	32-22-54	Dec. 21, 1934
A-2413	Toohey Drain.....	W½ SW¼	20-23-56	Fanning Pump.....	D- 920	North Platte River..	NW¼ NW¼	27-23-57	June 25, 1934
P- 192*	Tub Springs Feeder.....	SE¼ SW¼	27-23-55	Tri-State Canal.....	D- 918	North Platte River..	SW¼ SE¼	3-23-58	Mar. 11, 1935
P- 234	Tub Springs.....	SW¼ SW¼	33-23-55	Tub Springs Lateral..	D- 920	North Platte River..	NW¼ NW¼	27-23-57	Oct. 15, 1940
A-1769	Warner's Seep Lake....	SE¼ SW¼	12-23-57	Warner Canal.....	D- 918	North Platte River..	SW¼ SE¼	3-23-58	July 10, 1925
A- 449	Wet Spotted Tail Creek..	SW¼ SW¼	10-23-56	Stewart Canal.....	D- 918	North Platte River..	SW¼ SE¼	3-23-58	May 2, 1898
P- 190*	Wet Spotted Tail Creek..	NW¼ SW¼	10-23-56	Tri-State Canal.....	D- 918	North Platte River..	SW¼ SE¼	3-23-58	Mar. 11, 1935
P- 235	Wet Spotted Tail Creek..	SW¼ NW¼	22-23-56	Wet Spotted Tail Lateral	D- 920	North Platte River..	NW¼ NW¼	27-23-57	Oct. 15, 1940
A-1446	Winters Creek.....	SW¼ NE¼	19-22-54	Winters Creek Canal.	D- 952	North Platte River..	NW¼ SE¼	17-22-55	Feb. 9, 1916
A-2409	Winters Creek.....	NE¼ SE¼	8-22-54	Enterprise Canal....	D- 920	North Platte River..	NW¼ NW¼	27-23-57	June 19, 1934
P- 216	Winters Creek Drain....	NW¼ NE¼	31-22-54	Gering Factory Pump	{ A-2054 A-2150	North Platte River..	NW¼ NW¼	36-22-55	May 26, 1939
							NW¼ NW¼	36-22-55	

RECORD OF OPTIONAL DIVERSION—DIVISION 1-B

Optional Appropriation Number	Optional Source	Optional Diversion		Optional Diversion Carrier	Original Appropriation Number	Original Source	Original Diversion		Filing Date for Optional Diversion Permit
			S-T-R					S-T-R	
A-1523	Canyon No. 10.....	SW ¼ NE ¼	17- 3-31	Wacker Canal.....	D-10	Frenchman River...	NE ¼ NE ¼	11- 3-32	Sept. 4, 1918
A-1573	Canyon No. 10.....	SW ¼ NE ¼	17- 3-31	Crews Canal.....	D-10	Frenchman River...	NE ¼ NE ¼	11- 3-32	Jan. 21, 1920

RECORD OF OPTIONAL DIVERSION—DIVISION 2-D

A-2078	Spring Creek.....	SW ¼ SW ¼	7-32-51	Lawrence Pump.....	D-473	Spring Creek.....	NE ¼	13-32-52	Apr. 19, 1929
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* Petition pending.

CLAIMS AND APPLICATIONS CANCELLED OR DISMISSED FROM SEPTEMBER 30, 1948 to SEPTEMBER 30, 1950

194

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Dam or Pump			Cancellation or Dismissal Date			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Division 1-A														
Birdwood Creek..	Birdwood Irrig. Dist....	North Platte..	Birdwood Canal.....	Irrig.....	*56.36	35	15	33	Lincoln.....	Jan.	12	1950	846	
Birdwood Creek..	Thoelke, O. H.....	North Platte..	Beauchamp Canal.....	Irrig.....	3.00	15	15	33	Lincoln.....	Aug.	18	1950	677	
Blue Creek	Blue Creek Public Power and Irrig. District	Lewellen.....	Blue Creek Reservoir...	Storage...		28	17	42	Garden.....	Oct.	6	1949		2345**
Cold Water Cr...	Cold Water Res. Dist...	Lisco.....	Cold Water Reservoir...	Storage...		27	18	46	Garden.....	Oct.	6	1949		2591**
Greenwood Creek.	Harless, Mrs. R. E.....	Los Angeles..	Pump	Irrig.....		21	18	50	Morrill....	Aug.	30	1950		4551
North Platte R...	Paxton-Hershey Water Company	Hershey.....	Paxton-Hershey Canal...	Irrig.....	*2.80	18	14	33	Lincoln.....	Nov.	16	1949	653	
North Platte R...	Suburban Irrig. District	North Platte..	Suburban Canal	Irrig.....	*1.43	18	14	33	Lincoln.....	Apr.	26	1950	653	
North Platte R...	Gering and Ft. Laramie Irrig. District	Gering.....	Fort Laramie Canal.....	Irrig.....	*1.30	12	14	33	Lincoln.....	Apr.	12	1950	662	
North Platte R...	Bockus, Alton F.....	North Platte..	Pump	Irrig.....		11	14	31	Wyoming...	June	22	1949		3734**
North Platte R...	Bockus, Alton F.....	North Platte..	Pump	Irrig.....		11	14	31	Lincoln.....	June	8	1950		4513
Prairie Creek...	Pieczonka, Wm.	Fullerton....	Pump	Irrig.....		30	16	4	Nance.....	Mar.	14	1949		4329
Pumpkinseed Cr.	Thompson, R. S., et al..	Bridgeport...	Bird Cage Canal.....	Irrig.....	1.00	20	19	51	Morrill....	Aug.	8	1950	892	
Sheep Creek	Schultz, John H.....	Morrill.....	Pump	Irrig.....		17	23	57	Scotts Bluff.	Nov.	8	1948		4246
Snake Creek	Wait, Albert H.....	Alliance.....	Pump	Irrig.....		32	25	49	Box Butte..	Feb.	23	1950		4483
South Platte R...	Burnett, Jesse M., et al.	Hershey.....	Burnett Canal	Irrig.....		32	14	33	Lincoln.....	June	22	1949		3822**

REPORT OF THE STATE ENGINEER

White Horse Cr...	Hollingsworth, Clark A.	Ogallala.....	Lamplugh Lake	Irrig.....	2.86	8/14/30	Lincoln.....	Aug.	18/1950	658	
White Tail Cr....	White Tail Public Power and Irrig. District	Keystone.....	White Tail Reservoir...	Irrig.....		13/13/34	Lincoln.....	June	22/1949		3378**
Wood River.....	Maul, A. J.....	Amherst.....	Maul Reservoir	Storage..		17/10/17	Buffalo...	June	28/1949		4368
Wood River.....	Maul, A. J.....	Amherst.....	Pump	Irrig.....		17/10/17	Buffalo...	June	28/1949		4369
Wood River.....	Ludwig, Alvie C.....	Amherst.....	Pump	Irrig.....		21/10/17	Buffalo...	Oct.	17/1949		4444
Wood River, Ravine, Trib. to	Porterfield, E. N.....	San Diego....	Porterfield Reservoir...	Storage..		17/9/16	Buffalo...	June	8/1949		4349
Division 1-B											
Beaver Creek	Bauer, Alex	Lexington....	Pump	Irrig.....		31/2/24	Furnas....	Feb.	23/1950		4480
Berger Creek	Sughrue, Edward	Indianola....	Pump	Irrig.....	.64	15/3/27	Red Willow.	July	6/1950		2280
Buffalo Creek....	Hetherington, Grace	Laramie, Wyo.	Hetherington Reservoir..	Storage..		1/1/41	Dundy.....	Oct.	17/1949		4449
Buffalo Creek....	Hetherington, Grace	Laramie, Wyo.	Hetherington Canal	Irrig.....		1/1/41	Dundy.....	Oct.	17/1949		4450
Crow Creek.....	Richards, Robert O.....	Naponee.....	Pump	Irrig.....		31/1/16	Franklin...	July	13/1949		4367**
Driftwood Creek .	Schmitz, Carl M.....	McCook.....	Schmitz Canal	Irrig.....	*.43	12/2/30	Red Willow.	July	7/1950		1287
Driftwood Creek .	Hesterworth, Mrs. John T., et al	McCook.....	Hesterworth Canal	Irrig.....	1.00	14/2/30	Red Willow.	July	6/1950		1332
Driftwood Creek .	Kueffer, Mattie S., et al	San Carlos...	Sylvan Dell Canal.....	Irrig.....	2.80	1/2/30	Red Willow.	July	6/1950		1340
Driftwood Creek .	Liebrandt, John C.....	McCook.....	Pump	Irrig.....	.67	14/2/30	Red Willow.	July	6/1950		2957
Frenchman River.	Crews, Jos. G., et al...	Culbertson...	Farmers Canal	Irrig.....	*6.50	11/3/32	Hitchcock...	Sept.	29/1950	10	
Frenchman River.	Hoffmeister, Charles	Imperial.....	Hoffmeister Lake	Storage..		24/6/40	Chase.....	Oct.	6/1949		2829**
Medicine Creek ..	United Public Power and Irrigation District	Cambridge....	Medicine Creek Canal...	Irrig.....		20/4/25	Furnas....	Oct.	6/1949		2686**

*Part of appropriation canceled.

**Application dismissed.

CLAIMS AND APPLICATIONS CANCELLED OR DISMISSED FROM SEPTEMBER 30, 1948 to SEPTEMBER 30, 1950

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Cancellation or Dismissal Date			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Medicine Creek...	United Public Power and Irrigation District	Cambridge...	Medicine Creek Canal....	Storage..		25	5	26	Frontier....	Oct.	6	1949		2687**
Medicine Creek...	Wood, Donald.....	Stockville.....	Pump	Irrig.....		3	6	27	Frontier....	Nov.	8	1948		4223
Muddy Creek.....	Nichols, L. F.....	Wauneta.....	Pump	Irrig.....		21	3	36	Dundy.....	Feb.	21	1949		4306
Republican River.	Thompson and Johnston.	Guide Rock...	Pump No. 1.....	Irrig.....		18	1	8	Nuckolls...	May	19	1949		4243
School Creek.....	Sughroue, Edward.....	Indianola.....	Pump	Irrig.....		32	15	3	27 Red Willow.	July	6	1950		2280
Division 1-C														
Blue River, Little	Hornberger, Thomas	Ayr.....	Pump	Irrig.....	2.19	14	5	11	Adams.....	June	13	1950		1978
Blue River, Little	Kenner, J. R.....	Hebron.....	Pump	Irrig.....		9	2	2	Thayer.....	Oct.	17	1949		4280
Division 1-D														
Beaver Creek ...	Buller, John H.....	Hampton.....	Pump	Irrig.....		18	10	5	Hamilton... Jan.	14	1949		4260	
Blue River, Big..	Pence, B. E.....	Holmesville...	Pump	Irrig.....		32	3	7E	Gage..... Feb.	21	1949		4301	
Blue River, Big..	Delehoj, Lillie M.....	Wymore.....	Pump	Irrig.....		35	1	7E	Gage..... Sept.	30	1950		4556	
Blue River, Big..	Vance, John E.....	Milford.....	Pump	Irrig.....		19	9	4E	Seward..... Mar.	13	1950		4496	
Blue River, Big, W. F.	Williams, L. W.....	McCool Jct.....	Pump	Irrig.....		8	9	2	York..... Jan.	14	1949		4272	
Blue River, Big, W. F.	Kahle, Adam.....	Dorchester.....	Pump	Irrig.....		11	8	3E	Saline..... June	28	1949		4370	
Indian Creek.....	Christensen, I. G.....	Beatrice.....	Christensen Pump.....	Irrig.....		27	4	6E	Gage..... Apr.	19	1950		4510	
Swan Creek.....	Smith, Clifford L.....	DeWitt.....	Pump	Irrig.....		19	5	4E	Saline..... Jan.	14	1949		4273	

Swan Creek	Schmidt, Frederick	DeWitt	Pump	Irrig.	16	5	4 E	Saline	Jan.	14	1949	4277	
Swan Creek	Wollenburg, Wm.	DeWitt	Pump	Irrig.	15	5	4 E	Saline	June	2	1950	4517	
Turkey Creek	Wollenburg, Wm.	DeWitt	Pump	Irrig.	15	5	4 E	Saline	June	2	1950	4518	
Division 1-F													
Cottonwood Cr.	Powell, Guy R.	Dawson	Pump	Irrig.	21	2	14 E	Richardson	Feb.	21	1949	4295	
Hooper Creek	Lanning, Elmer M.	Eagle	Pump	Irrig.	19	9	9 E	Otoe	Mar.	9	1949	4325	
Division 2-A													
Beaver Creek	Mansfield, A. G.	Albion	Pump	Irrig.	17	19	5	Boone	May	24	1950	4584**	
Calamus River	Bain, Clarence	Long Pine	Pump	Irrig.	26	25	21	Brown	June	28	1949	4381	
Clear Creek	Kusek, Vincent	Loup City	Pump	Irrig.	.29	17	15	16	Sherman	Mar.	20	1949	3916
Lost Creek	Reisch, Mary	Springfield, Ill	Pump	Irrig.	.51	21	17	28	Colfax	Aug.	26	1949	2824
Loup River	Zuroski, John, Estate	Fullerton	Pump	Irrig.	31	16	6	Nance	Nov.	28	1949	4284	
Loup R., Middle	Middle Loup Public Power & Irrig. Dist.	Arcadia	Arcadia Plant	Irrig.	35	18	17	Custer	Oct.	6	1949	1918**	
Loup R., Middle	Paul, Robert T.	St. Paul	Pump	Power	1.15	10	14	10	Howard	Mar.	24	1950	4046
Loup R., Middle	Stoeger, Walter	Boelus	Stoeger Canal	Irrig.	17	13	13	Sherman	Mar.	13	1950	4492	
Loup R., North	Scott, Roy M.	Sargent	Taylor-Ord Canal	Irrig.	*.40	13	21	19	Loup	Mar.	29	1950	3821
Loup R., North	Melville, Wm. A.	Broken Bow	Pump	Irrig.	5	26	27	Cherry	Mar.	12	1949	4332	
Loup R., North	Fisher, Frederick T.	New Canaan, Conn.	Pump	Irrig.	20	23	27	Blaine	June	8	1949	4347	
Loup R., North	Cruise, Thos. J.	Valentine	Pump	Irrig.	25	27	29	Cherry	May	18	1950	4525	
Loup R., South	Kempton, W. C.	St. Michael	Pump	Irrig.	1	12	13	Buffalo	June	2	1950	4485	
Loup R., South	Stoeger, Chas. and Leo	St. Michael	Pump	Irrig.	11	12	13	Buffalo	Feb.	23	1950	4486	

**Application dismissed.

*Part of appropriation canceled.

CLAIMS AND APPLICATIONS CANCELED OR DISMISSED FROM SEPTEMBER 30, 1948, to SEPTEMBER 30, 1950

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam or Pump			Cancellation or Dismissal Date			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Mira Creek	Cook, Reuben	Loup City....	Cook Reservoir	Storage..		30	18	14	Valley.....	Sept.	30	1950	4549
Oak Creek, Ravine, Trib. to	Howe, John	Loup City....	Howe Reservoir	Storage..		21	16	14	Sherman....	Sept.	28	1949	4404
Division 2-B													
Cedar Creek	Obershow, Donald, et al	Oakdale....	Canal	Irrig.....		11	24	6	Antelope....	Dec.	4	1948	4257
Oak Creek, W. B.	Howe, Ed	Fairbury....	Pump	Irrig.....		2	11	5E	Lancaster...	Nov.	28	1949	4285
Logan Creek.....	Peterson, Orvid N.....	Laurel.....	Horseshoe Reservoir	Storage..		19	28	4E	Dixon.....	Apr.	7	1949	4328
Division 2-C													
Antelope Creek....	Jamison, H. M.....	Gordon.....	Pump	Irrig.....		32	33	41	Sheridan....	Dec.	7	1948	4472
Bone Creek, N. B.	Bruvellet, Albert	Ainsworth....	Bruvellet Reservoir	Storage..		28	30	22	Brown.....	June	2	1950	4528
Frazier Lake	Lacoff, Maude and Floyd	Bassett....	Frazier Lake	Drain....		25	28	17	Rock.....	July	28	1949	4477**
Holt Creek, Marsh	Lacoff, Floyd Hacker, Ramona	Bassett....	Holt Creek Project.....	Drain....		32	28	18	Rock.....	July	28	1949	4478**
Keya Paha River	Snyder, Willard E.....	Springview...	Pump	Irrig.....		24	35	20	Keya Paha..	Jan.	31	1950	4482
Niobrara River...	Bradstreet, W. D.....	Spencer.....	Verdigre Plant	Power....		32	32	7	Knox.....	Oct.	6	1949	2183**
Sandy Creek.....	Hewitt, Mrs. Mary.....	Atkinson....	Hewitt Canal	Irrig.....		2	32	15	Holt.....	Apr.	7	1949	4342

Spring Creek	Marcy, J., and Sons....	Hay Springs..	Pump	Irrig.....	27	30	45	Sheridan....	Mar.	24	1950	4568**	
Division 2-D													
Chadron Creek...	McMeekin, Warren.....	Chadron.....	McMeekin Canal.....	Irrig.....	22	33	49	Dawes.....	Mar.	24	1950	4505	
Sand Creek, Ravine, Trib. to	Arner, Frank	Crawford.....	Arner Reservoir.....	Storage..	29	33	53	Sioux.....	Nov.	26	1948	4232	
Soldier Creek.....	Rodgers, J. J.....	Crawford.....	Rodgers Canal	Irrig.....	.14	5	31	53	Sioux.....	Sept.	22	1950	546
Division 2-E													
Antelope Cr., S., Ravine, Trib. to	Story, Lloyd J.....	Harrison.....	Story Reservoir	Storage..	18	34	56	Sioux.....	May	18	1950	4524	
Indian Creek, Ravine, Trib. to	Geiser, John	Crawford.....	May Draw Reservoir....	Storage..	25	35	57	Sioux.....	Sept.	30	1950	4579	
Indian Creek, Ravine, Trib. to	Geiser, John	Crawford.....	Geiser Reservoir.....	Storage..	23	35	57	Sioux.....	Sept.	30	1950	4580	
Division 2-F													
South Creek.....	Refschauge, E. E.....	Lincoln.....	Pump	Irrig.....	21	29	5E	Dixon.....	Nov.	8	1948	4239	

**Application dismissed.

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PUBLIC POWER DISTRICTS
and
PUBLIC IRRIGATION DISTRICTS

**PUBLIC DISTRICTS ORGANIZED UNDER CHAPTER 70, ARTICLE 6, REVISED STATUTES, 1943
POWER AND IRRIGATION DISTRICTS**

Name of District	Headquarters	Municipalities Constituting District	Proposed Area in Acres to be Irrigated
Almeria Public Power and Irrigation District	Almeria.....	Strohl Voting Precinct in Loup County.....	3,803
*Beaver-Sappa Public Power and Irrigation District	Stamford.....	Emerson, Eldorado, Orleans, Fairfield and Sappa Townships in Harlan County; Richmond, Maple Creek, Weaver, Eureka, Lincoln and Beaver City Voting Precincts in Furnas County	49,000
*Benkelman-Haigler-Arickaree Public Irrigation District	Haigler.....	Haigler, Parks, Benkelman, Indian Creek and Max Voting Precincts in Dundy County; Stratton, Union and Pleasant View Voting Precincts in Hitchcock County	38,700
*Blue Creek Public Power and Irrigation District	Lewellen.....	Lonergan and Belmar Voting Precincts in Keith County; Blue Creek, Lost Creek and Lisco Voting Precincts in Garden County; Eastwood Voting Precinct in Morrill County	30,000
*Cedar Valley Public Power and Irrigation District	Cedar Rapids.	Cedar, Spalding and Leo Valley Voting Precincts in Greeley County; Dublin, North Cedar and South Cedar Voting Precincts in Boone County; Timber Creek, Cedar, Council Creek and Fullerton Voting Precincts and City of Fullerton in Nance County	30,800
The Central Nebraska Public Power and Irrigation District	Hastings.....	Adams, Phelps, Gosper and Kearney Counties.....	205,154
Consumers Public Power District	Columbus.....	All Voting Precincts in State comprised in whole or in part of any incorporated City or Village furnished electrical energy at retail by the District	

*Dismal River Public Irrigation District	Anselmo.....	Dunning Voting Precinct in Blaine County; Natick Voting Precinct in Thomas County; Hayes, Cliff, Kilfoil and Victoria Voting Precincts in Custer County	30,000
*Harvard Public Power and Irrigation District	Harvard.....	Eldorado, Harvard First, Harvard Second and Lynn Voting Precincts in Clay County	20,000
Loup River Public Power District	Columbus.....	Platte County	
*Merrick County Public Pump Irrigation District	Central City...	Merrick County	16,000
Middle Loup Public Power and Irrigation District	Arcadia.....	Sargent, Comstock, Douglas Grove, Myrtle and Spring Creek Voting Precincts in Custer County; Geranium, Liberty, Arcadia and Yale Voting Precincts in Valley County; Washington, West Logan, Webster, West Loup City, East Loup City, Clay, Austin and Rockville Voting Precincts in Sherman County	49,473
*Nebraska Mid-State Public Power and Irrigation District	Grand Island..	Buffalo, Hall and Merrick Counties.....	500,000
North Loup River Public Power and Irrigation District	Ord.....	Rockford and Burwell Village Voting Precincts in Garfield County; Taylor and Kent Voting Precincts in Loup County; Elyria, Ord Township, Ord City and North Loup Voting Precincts in Valley County	36,302
Omaha Public Power District	Omaha.....	Washington County, exclusive of City of Blair; Douglas County; Sarpy County; Arizona and Summit No. 2 Voting Precincts in Burt County; Logan, Cumming, Everett, Hooper-Hooper, Hooper-Winslow, Nickerson, Maple, Cotterell, Union, North Bend, Platte-Ames, Platte-East and Elkhorn Voting Precincts in Dodge County; Colfax and Rogers Voting Precincts in Colfax County; North Cedar, South Cedar, Morse Bluff, Douglas, Pohocco, Leshara, Union, Marietta, North Center, South Stocking, Wahoo, Marble, Clear Creek, Green, West Ashland and East Ashland Voting Precincts in Saunders County; Plattsmouth, Plattsmouth City, Eight Mile Grove, Louisville, South Bend, Salt Creek, Greenwood, Elmwood, Center, Mount Pleasant, Nehawka, Avoca, Weeping Water, Weeping Water City, Stove Creek and Tipton Voting Precincts in Cass County; Berlin and North Branch Voting Precincts in Otoe County	

*District Inactive

PUBLIC DISTRICTS ORGANIZED UNDER CHAPTER 70, ARTICLE 6, REVISED STATUTES, 1943
POWER AND IRRIGATION DISTRICTS

Name of District	Headquarters	Municipalities Constituting District	Proposed Area in Acres to be Irrigated
*Panhandle Public Pump Irrigation District	Alliance.....	Boyd, Lake, Box Butte, Wright, Running Water, Nonpariel, Dorsey, Snake Creek, Liberty and Lawn Voting Precincts, exclusive of City of Alliance, in Box Butte County; Leonard Voting Precinct in Dawes County	10,000
Platte Valley Pubic Power and Irrigation District	North Platte..	Keith, Lincoln, Dawson, Buffalo and Hall Counties.....	198,173
*Sargent Public Irrigation District	Sargent.....	Sargent Voting Precinct No. 1, including City of Sargent; Corner Voting Precinct (formerly Sargent Voting Precinct No. 2); West Union Voting Precinct and Milburn Voting Precinct in Custer County	15,363
*United Public Power and Irrigation District	Cambridge....	Frontier County; Furnas County; Harlan County; Red Willow County, exclusive of City of McCook; Stratton, Pleasant View, Trenton, Grant, Logan, Union, Freedom, Upper, Cornell and Driftwood Voting Precincts in Hitchcock County	13,000
*White Tail Public Power and Irrigation District	Keystone.....	White Tail Voting Precinct in Keith County.....	7,000
*District Inactive			

PUBLIC DISTRICTS ORGANIZED UNDER CHAPTER 70, ARTICLE 6, REVISED STATUTES, 1943

RURAL ELECTRIFICATION DISTRICTS

Name of District	Headquarters	Municipalities Constituting District
Buffalo County Public Power District.....	Kearney.....	Buffalo County, exclusive of City of Ravenna and City of Kearney (Territory served by Dawson County Public Power District)
Burt County Rural Public Power District.....	Tekamah.....	Burt County
Butler County Rural Public Power District.....	David City.....	Butler County, exclusive of City of David City; Bohemia, Chester, Elk, Newman, Oak Creek, Mariposa and Douglas Townships in Saunders County
Cedar-Knox County Rural Public Power District.....	Hartington.....	Cedar County; Hill, Herrick, Frankfort, Eastern, Dolphin, Dowling, Lincoln, Columbia, Morton, Peoria, Harrison, Central and Cleveland Voting Precincts in Knox County
Chimney Rock Public Power District.....	Bayard.....	Morrill County; Dewey, Field, Tabor, Highland and Castle Rock Voting Precincts in Scotts Bluff County
Clay County Rural Public Power District.....	Clay Center.....	Clay County (Inactive since creation)
Cornhusker Rural Public Power District.....	Columbus.....	Boone County, exclusive of City of Albion; Colfax County, exclusive of City of Schuyler; Nance County, exclusive of City of Fullerton and City of Genoa; Platte County, exclusive of City of Columbus
Cuming County Rural Public Power District.....	West Point.....	Cuming County, exclusive of City of Wisner and City of West Point
Custer Public Power District.....	Broken Bow.....	Custer County, exclusive of Cities of Broken Bow and Sargent and Village of Ansley, Arnold and Callaway; all of Loup County; all of Blaine County; all of Thomas County; all of Logan County; Elm, Scott, Harrison, Hazard, and Clay Voting Precincts in Sherman County; Mullen and Valley Voting Precincts, exclusive

PUBLIC DISTRICTS ORGANIZED UNDER CHAPTER 70, ARTICLE 6, REVISED STATUTES, 1943
RURAL ELECTRIFICATION DISTRICTS

Name of District	Headquarters	Municipalities Constituting District
Custer Public Power District (Continued).....	Broken Bow.....	of Village of Mullen in Hooker County; Pleasant Hill, Wilson, and Reeves Voting Precincts in Cherry County; Hall, Worden, Tyron and Lemley Voting Precincts in McPherson County; Harrison, Table, Cox, Garfield, Whittier, Myrtle, Hall, and Lemon Voting Precincts in Lincoln County
Dawson County Public Power District.....	Lexington.....	Dawson County
Eastern Nebraska Public Power District.....	Syracuse.....	Richardson, Pawnee, Nemaha, Johnson, Cass and Otoe Counties; Mill and Stevens Creek Voting Precincts in Lancaster County; Saunders County, except Oak Creek, Newman, Elk, Chester, Bohemia, Morse Bluff, Douglas and Mariposa Voting Precincts
Elkhorn Rural Public Power District (Formerly Madison County Rural Public Power District)	Battle Creek.....	All of Madison County, exclusive of the Cities of Madison, Norfolk, Newman Grove, Tilden, Meadow Grove; Mills, Willow Creek, Blaine, Clover Valley, Cleveland, and South Branch Voting Precincts in Pierce County; Grant, Burnett, exclusive of City of Tilden, Elm, Willow, Cedar, exclusive of City of Elgin, Oakdale, Neligh, exclusive of City of Neligh, Custer, Logan, exclusive of City of Elgin, Elgin, Ord, Blaine, Royal, Lincoln, Stanton, Clearwater, French Town, and Garfield Voting Precincts in Antelope County; Deloit, Ewing, and Golden Voting Precincts in Holt County; Caldwell and Clearwater Voting Precincts in Wheeler County
Gering Valley Rural Public Power District.....	Gering.....	Roubadeaux and Gering Voting Precincts, exclusive of City of Gering in Scotts Bluff County
Howard-Greeley Rural Public Power District.....	St. Paul.....	Howard County, exclusive of City of St. Paul; Spring Creek, Brayton, Fish Creek, Scotia, Logan, O'Connor, Center, Leo Valley, and Freeman Valley Voting Precincts in Greeley County

McCook Public Power District.....	McCook.....	City of McCook in Red Williw County
Norris Rural Public Power District.....	Beatrice.....	Thayer County, exclusive of City of Hebron; Jefferson County, exclusive of City of Fairbury; Saline County, exclusive of City of Crete and City of Wilber; Gage County, exclusive of City of Beatrice and City of Wymore; Lancaster County, exclusive of Lancaster Voting Precinct and City of Lincoln
North Central Nebraska Rural Public Power District.....	Creighton.....	Webster, Washington, Walnut Grove, Logan, Jefferson, Bohemia, Niobrara, exclusive of Village of Niobrara, Sparta, Verdigre, exclusive of Village of Verdigre, Miller, exclusive of Village of Winnetoon, Spade Union, Valley, exclusive of Village of Center, Creighton, exclusive of City of Creighton, Cleveland, Central and Harrison Voting Precincts in Knox County; Sherman, Verdigris, Eden, Bazile, Garfield, exclusive of Village of Orchard, Royal, exclusive of Village of Royal, Ellsworth, exclusive of Village of Brunswick, Crawford, Custer and Willow Voting Precincts in Antelope County; Golden, Verdigris, exclusive of Village of Page, Antelope, Iowa, Willowdale, Steel Creek and Scott Voting Precincts in Holt County; North Dry Creek, exclusive of City of Plainview, South Dry Creek, exclusive of City of Plainview, and Willow Creek Voting Precincts in Pierce County
Northeast Nebraska Rural Public Power District.....	Emerson.....	Dixon County; Emerson, Pigeon, Summit, St. Johns, Hubbard and Omadi Voting Precincts in Dakota County; Perry, Flourney, Thayer and Pender Voting Precincts in Thurston County
Polk County Rural Public Power District.....	Stromsburg.....	Silver Creek and Clarksville No. 1 Voting Precincts in Merrick County; Polk County, exclusive of City of Stromsburg and City of Osceola
Roosevelt Rural Public Power District.....	Mitchell.....	Ford, Fanning, Kiowa, Mitchell, Funston and Winter Creek Voting Precincts in Scotts Bluff County; Spotted Tail, Townsend and Roosevelt Voting Precincts in Sioux County
Seward County Rural Public Power District.....	Seward.....	Seward County

PUBLIC DISTRICTS ORGANIZED UNDER CHAPTER 70, ARTICLE 6, REVISED STATUTES, 1943
RURAL ELECTRIFICATION DISTRICTS—Concluded

Name of District	Headquarters	Municipalities Constituting District
Southern Nebraska Rural Public Power District.....	Grand Island.....	Phelps County, exclusive of City of Holdrege; Kearney County, exclusive of City of Minden; Hamilton County, exclusive of City of Aurora; West Blue, Highland, Verona, Kenesaw, Wanda, Juniata, Denver, Blaine, Hanover, Ayr, Roseland and Cottonwood Voting Precincts in Adams County; Lake, Prairie Creek, Mayfield, South Loup, Camaron, Harrison, Center, Washington, exclusive of City of Grand Island, Alda, Wood River, Jackson, Martin, Doniphan and South Platte Voting Precincts in Hall County; Palmer, Loup, Prairie Creek, Vieregg, Midland, Chapman, Mead, Lone Tree, Prairie Island, Clarksville No. 2 and Central Voting Precincts in Merrick County
Stanton County Rural Public Power District.....	Stanton.....	Stanton County
Wayne County Rural Public Power District.....	Wayne.....	Wayne County
York County Rural Public Power District.....	York.....	York County, exclusive of City of York; and Fillmore County, exclusive of City of Geneva

PUBLIC DISTRICTS DISSOLVED

Name of District	Headquarters	Remarks	Date of Dissolution
Boone and Nance Rural Public Power District....	St. Edward.....	Now in Cornhusker Rural Public Power District.....	Feb. 11, 1944
Dawson County Public Pump Irrigation District..	Lexington.....	.....	Nov. 2, 1942
Hall County Public Pump Irrigation District.....	Wood River.....	.....	June 3, 1944
Hall County Rural Public Power District.....	Wood River.....	Now in Southern Nebraska Rural Public Power District..	April 11, 1942
Hamilton County Rural Public Power District....	Aurora.....	Now in Southern Nebraska Rural Public Power District..	April 11, 1942
Imperial Valley Public Power and Irrigation Dist..	Palisade.....	.....	April 11, 1946
Lancaster County Rural Public Power District....	Walton.....	Now in Norris Rural Public Power District.....	Aug. 3, 1942
Merrick County Rural Public Power District.....	Central City.....	Now in Southern Nebraska Rural Public Power District..	April 11, 1942
Mirage Flats Public Power and Irrigation District	Hay Springs.....	.....	Oct. 4, 1948
Republican River Public Power and Irrigation Dist.	Superior.....	.....	July 11, 1950
South Platte Public Power and Irrigation District	Ogallala.....	.....	July 2, 1942
Southeastern Nebraska Rural Public Power District	Beatrice.....	Now in Norris Rural Public Power District.....	June 15, 1942
Thayer County Rural Public Power District.....	Hebron.....	Now in Norris Rural Public Power District.....	Dec. 5, 1942

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DRAINAGE DISTRICTS

DRAINAGE DISTRICTS

Below is a complete list of drainage districts of record in the Bureau of Irrigation, Water Power and Drainage.

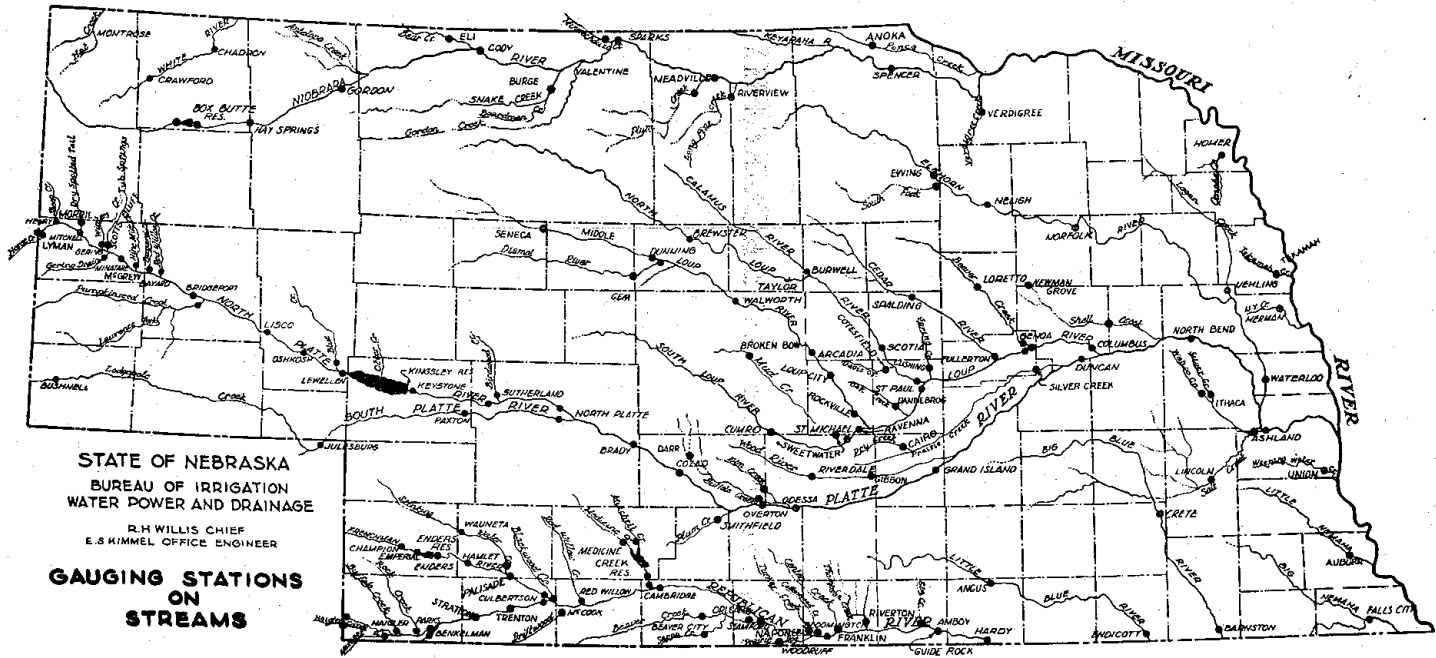
County	Name of District	Date of Approval of Plans
Buffalo	John Swenson Drainage Ditch	Nov. 5, 1929
Burt-Thurston	Lyons Drainage Ditch	
Burt-Washington	Burt-Washington County Drainage Dist. No. 1	Aug. 2, 1915
Burt-Washington	Burt-Washington County Drainage Dist. No. 2	Feb. 19, 1925
Burt-Washington	Peterson Bend Protection District	Sept. 2, 1921 (Retards)
Butler	Yanike Drainage District	
Butler	Drainage District No. 1	Aug. 5, 1918
Butler	Drainage District No. 2	July 26, 1917
Cedar	Laurel Drainage District	Dec. 15, 1925
Cherry	Horseshoe Lake Drainage District	Aug. 8, 1916
Cherry	Gay Lake Drainage District	Sept. 1, 1922
Cherry	Boardman Drainage District	June 23, 1923
Cherry	Coffey Lake Drainage District	Dec. 16, 1924
Cherry	Mile Board Drainage District	Sept. 30, 1925
Colfax	Platte Valley Drainage District	Dec. 28, 1920
Dakota	Drainage District No. 2	April 18, 1914
Dakota	Homer Drainage District	Jan. 10, 1919
Dakota	Dakota City Drainage District	April 3, 1922
Dakota	Omadi Drainage District	Dec. 13, 1924
Dakota	Drainage District No. 5	July 10, 1930
Dawson	Drainage District No. 1	July 5, 1929
Dawson	Drainage District No. 2	June 7, 1930
Dawson	Drainage District No. 3	May 1, 1931
Dawson	Drainage District No. 4	April 9, 1948
Dixon-Wayne- Thurston	Wakefield Drainage District	Jan. 18, 1917
Dixon-Cedar	Brookley Bottom Drainage District	Sept. 11, 1922 (Retards)
Dixon-Cedar	North and South Logan Drainage District	Feb. 17, 1925
Dodge-Washington	Elkhorn River Drainage District (Cut-Off "H")	
Douglas	Little Papillion Drainage District	Mar. 2, 1920
Douglas	East Omaha Drainage District	Oct. 8, 1921
Douglas	Elkhorn Valley Drainage District (Safford Ditch)	Jan. 9, 1926
Douglas	Papio Drainage Ditch No. 2	June 5, 1926
Douglas-Sarpy	Elkhorn Valley Drainage District	June 24, 1919
Douglas-Sarpy	Elkhorn Valley Drainage District (Elkhorn River Cut-Off and Extension of Main Ditch No. 3)	Nov. 8, 1922
Douglas-Sarpy	Elkhorn Valley Drainage District	May 26, 1923 (Retards)
Fillmore	Drainage District	
Franklin	Republican River Drainage District	
Frontier	Drainage District No. 1	Mar. 31, 1915
Furnas	Republican River Control	July 22, 1931
Garden	Garden County Improvement and Drainage District No. 1. (Oshkosh Drainage District)	June 28, 1932
Knox	Frankfort Bottom Drainage District	Mar. 3, 1923 (Retards)

DRAINAGE DISTRICTS—Concluded

County	Name of District	Date of Approval of Plans
Lancaster	Salt Creek Drainage District Lancaster Drainage District No. 1	
Lincoln	Drainage District No. 1	Mar. 23, 1922
Lincoln	Drainage District No. 2	Dec. 4, 1929
Madison	Norfolk Drainage District	Mar. 18, 1924
Merrick	Drainage District No. 1	Feb. 17, 1916
Merrick	Drainage District No. 2	May 10, 1921
Morrill	Minatare Drainage District	
Nemaha	Drainage District No. 3	July 6, 1916
Nemaha	Peru Drainage District No. 6	April 19, 1927
Nemaha	McKissock Island Precinct Dike and Levee District	Dec. 28, 1949
Nuckolls	Drainage District No. 1	
Otoe-Johnson	Drainage District No. 1	Oct. 31, 1914
Otoe-Johnson	Drainage District No. 1 (Spring Creek Cut-Off Ditch)	Sept. 15, 1932
Otoe-Nemaha	Peru Dike District No. 1	July 30, 1948
Platte	Holdrege Drainage District	
Richardson	Drainage District No. 1	
Richardson	Drainage District No. 2	
Richardson	Drainage District No. 3	Dec. 24, 1921
Richardson	Drainage District No. 4	April 13, 1916
Richardson	Drainage District No. 5	May 8, 1920
Richardson	Drainage District No. 6	Sept. 18, 1930
Richardson	Barada Drainage District	June 6, 1921
Sarpy	Western Sarpy Drainage District	Nov. 15, 1917
Sarpy	Western Sarpy Drainage District (Extension of Henrichs Ditch)	Aug. 19, 1924
Sarpy	Bellevue Drainage District	Aug. 4, 1921
Sarpy	Chalco-Portal Drainage District	Mar. 15, 1922
Sarpy	South Buffalo Creek Drainage District	May 25, 1926
Sarpy	Rudersdorf Drainage District	Feb. 15, 1927
Sarpy	Zimmerman Drainage District	Mar. 16, 1929
Saunders	Clear Creek Drainage District (Johnson Creek Ditch No. 6)	Aug. 13, 1925
Saunders	Clear Creek Drainage District (Extension of Main and Branch Ditch)	July 3, 1930
Saunders	Leshara Drainage District	Sept. 18, 1930
Scotts Bluff	Scotts Bluff Drainage District	Feb. 28, 1918
Scotts Bluff	Scotts Bluff Drainage District No. 2	Feb. 2, 1932
Scotts Bluff	Gering Drainage District	June 2, 1920
Scotts Bluff	Morrill Drainage District	
Seward	Utica Drainage District	
Stanton	Humbug Drainage District	Mar. 15, 1921
Thurston	Fender Drainage District	Feb. 21, 1918
Thurston	Drainage District No. 2	Sept. 2, 1932
Washington	Papio Valley Drainage District	Mar. 8, 1926
Washington	Bell Creek Drainage District	Jan. 13, 1947

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DIVISION OF HYDROGRAPHY



STATE OF NEBRASKA
BUREAU OF IRRIGATION
WATER POWER AND DRAINAGE

R.H. WILLIS CHIEF
E.S. KIMMEL OFFICE ENGINEER

**GAUGING STATIONS
ON
STREAMS**

DISCHARGE MEASUREMENTS OF STREAMS

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ALLIANCE CITY DRAIN					
Sec. 31-25-48 W.					
6-14	C. D. Christensen	2.8			
ALLIANCE DRAIN					
Sec. 20-22-53 W.					
7- 5	D. J. Neely	6.3	8-15	D. J. Neely	11.7
7-11	do	17.1	8-23	do	5.6
7-18	do	7.4	8-30	do	4.1
7-26	do	4.8	9- 6	do	18.3
8- 1	do	4.5	9-27	do	11.4
8- 8	do	4.4			
ANTELOPE CREEK					
North Line—Sec. 32-33-41 W.					
3-10	R. V. Meyers	4.8	7-26	M. K. Wilgus	0.2
3-23	do	5.3	8-24	do	.0
5- 3	do	4.6	9-22	do	.1
6-23	Christensen-Wilgus	.7			
ANTELOPE CREEK					
Sec. 21-32-40 W.					
10-11	M. G. Zellars	0.2	8-24	M. K. Wilgus	0.5
6- 2	R. V. Meyers	3.3	9-22	do	.8
7-27	M. K. Wilgus	.7			
ANTELOPE CREEK					
Below D-537—Sec. 26-34-57 W.					
7-14	M. K. Wilgus	0.0	8-23	M. K. Wilgus	0.0
8- 2	do	.0	9-21	do	.0
APPLEGATE DRAIN					
Sec. 31-14-33 W.					
11- 4	J. H. Hintz	51.0	5- 4	J. H. Hintz	52.2
12- 2	do	52.8	5-13	do	54.9
12-14	do	52.4	5-25	do	57.5
1-17	do	51.8	7-13	do	52.5
3-12	do	49.9	7-28	do	48.0
3-23	do	52.1	8-25	do	43.3
4-15	do	54.9	9-21	do	43.2
ARTESIAN WELL					
Sec. 11-19-50 W.					
6-11	Jack Ratliff	0.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ARTESIAN WELL					
Sec. 30-19-48 W.					
6-11	Jack Ratliff	0.4			
ASH CREEK					
Whitney—Sec. 7-32-50 W.					
10- 7	Meyers-Bishop	0.6	6-22	Christensen-Wilgus	3.6
10-28	R. V. Meyers	1.9	7- 9	M. K. Wilgus	4.5
11-11	do	2.8	7-22	do	1.0
12-22	do	3.8	8-10	do	.5
3-28	do	7.7	8-29	do	.6
5-10	do	6.0	9-12	Wilgus-Rasmussen	2.3
6- 9	do	5.0	9-28	M. K. Wilgus	.9
ASH CREEK, EAST					
Above Barron Canal—Sec. 32-32-50 W.					
10-28	R. V. Meyers	1.4	7- 9	M. K. Wilgus	2.4
12-22	do	2.4	7-22	do	1.1
3-28	do	4.8	8-10	do	.7
5-10	do	3.7	8-29	do	1.1
6- 9	do	5.8	9-12	Wilgus-Rasmussen	1.7
6-22	Christensen-Wilgus	3.0	9-28	M. K. Wilgus	.6
ASH CREEK, WEST					
Below Barron Canal—Sec. 35-32-51 W.					
10-28	R. V. Meyers	1.5	3-28	R. V. Meyers	3.8
12-22	do	3.9	6- 9	do	4.0
ASH CREEK, WEST					
Sec. 36-32-51 W.					
5-10	R. V. Meyers	2.0	8-10	M. K. Wilgus	0.0
6-22	Christensen-Wilgus	2.0	8-29	do	.3
7- 9	M. K. Wilgus	1.2	9-12	Wilgus-Rasmussen	2.0
7-22	do	.2	9-28	M. K. Wilgus	.8
ASH CREEK					
Mariaville—Sec. 4-32-17 W.					
9-28	W. J. Page	9.8			
ASH CANYON CREEK					
Ansley—Sec. 22-16-17 W.					
8-23	W. J. Page	0.0			
AUGER CREEK					
Elba—Sec. 4-15-11 W.					
7-14	W. J. Page	0.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BALD DRAIN					
Sec. 32-23-56 W.					
10-14	P. D. Harrington	11.6	3-28	D. J. Neely	4.0
11-13	D. J. Neely	6.9	4-21	do	2.8
12- 3	do	5.0	5- 9	do	3.2
12-16	do	2.8	5-23	do	2.5
1-22	Neely-Meyers	2.2	6-20	do	76.0
2- 8	D. J. Neely	2.4	7-12	do	92.8
2-28	do	5.0	8-15	do	16.7
3-16	do	4.1			
BARDEN SPRING CREEK					
Sec. 11-18-52 W.					
4- 8	R. F. Bishop	0.1			
BASIN CREEK					
Naper—Sec. 15-34-15 W.					
9-28	W. J. Page	0.0			
BAZILLE CREEK					
Sec. 18-32-5 W.					
9-29	W. J. Page	52.0			
BEAN CREEK					
Elyria—Sec. 10-20-15 W.					
7- 6	W. J. Page	0.5	9-19	W. J. Page	0.2
7-18	do	.4			
BEAR CREEK					
North of Merriman—Sec. 8-34-37 W.					
10- 6	Meyers-Bishop	1.7	6- 2	R. V. Meyers	5.8
3-10	R. V. Meyers	9.2	6-23	Christensen-Wilgus	2.5
3-23	do	13.9	7-27	M. K. Wilgus	1.9
4- 7	do	7.1	8-24	do	.6
5- 3	do	6.6	9-23	do	1.7
BEAR CREEK					
Above Wooden Dam—Sec. 16-34-37 W.					
5- 3	R. V. Meyers	7.0			
BEAR CREEK					
Below Wooden Dam A-3321—NW¼ Sec. 16-34-37 W.					
10- 6	Meyers-Bishop	2.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BEAR CREEK					
Passing Fish and Game Commission Dam A-2898—Sec. 16-34-37 W.					
10- 6	Meyers-Bishop	1.4	6- 2	R. V. Meyers	5.9
3-10	R. V. Meyers	20.1	6-23	Christensen-Wilgus	.9
3-23	do	26.0	7-27	M. K. Wilgus	.8
4- 7	do	14.7	8-24	do	.1
5- 3	do	10.5	9-23	do	.8

BEAR CREEK					
Above Cole Dam No. 1 A-2254—SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-34-37 W.					
3-23	R. V. Meyers	60.0	7-27	M. K. Wilgus	1.2
5- 3	do	16.3	8-24	do	.5
6- 2	do	5.2	9-23	do	1.7
6-23	Christensen-Wilgus	3.3			

BEAR CREEK					
Eli—Sec. 25-34-36 W.					
10- 6	Meyers-Bishop	2.4	5- 3	R. V. Meyers	18.8
10-11	M. G. Zellars	2.0	6-23	Christensen-Wilgus	5.4
11-15	do	15.8	7-27	M. K. Wilgus	4.4
12- 3	do	10.8	8-24	do	3.3
3-10	R. V. Meyers	23.6	9-23	do	2.5
4- 7	do	30.1			

BEAVER CREEK					
Ravenna—Sec. 34-13-14 W.					
8- 2	W. J. Page	0.0	8-31	W. J. Page	0.0

BEAVER CREEK					
St. Edward—Sec. 2-18-5 W.					
10-12	J. D. Hungate	70.2	4-26	J. D. Hungate	61.4
10-26	do	51.0	5-10	do	106.0
11- 9	Hungate-Kohland	80.3	5-24	do	336.0
11-23	Hungate-Choik	49.3	6- 7	do	126.0
12- 9	J. D. Hungate	47.2	6-21	do	126.0
12-21	do	66.8	7- 5	do	79.8
1- 6	do	65.8	7-19	C. V. Burns	72.5
2-16	do	57.5	8- 2	J. D. Hungate	39.3
3- 2	do	71.3	8-16	do	48.9
3-16	do	143.0	8-31	do	52.2
3-29	do	411.0	9-14	do	51.0
4-12	do	272.0	9-23	do	51.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BEAVER CREEK					
Boone—Sec. 17-19-5 W.					
10-12	J. D. Hungate	43.8	5-24	J. D. Hungate	336.0
10-26	do	44.8	6- 7	do	87.3
11- 9	Hungate-Kohlund	52.3	6-21	do	85.4
12- 9	J. D. Hungate	30.4	7- 5	do	59.4
12-21	do	57.5	7-19	C. V. Burns	46.3
1-19	do	52.5	8- 2	J. D. Hungate	39.1
2-16	do	32.8	8-16	do	33.1
3-29	do	470.0	8-31	do	38.5
4-26	do	85.4	9-14	do	51.9
5-10	do	130.0	9-28	do	41.8
BEEMAN CREEK					
Sec. 5-32-6 W.					
9-27	W. J. Page	0.1			
BINGHAM CREEK					
Sec. 5-32-6 W.					
9-29	W. J. Page	0.0			
BLOODY RUN CREEK					
Hazard—Sec. 26-13-15 W.					
8- 2	W. J. Page	0.0			
BLUE CREEK					
Above Paisley Canal—Sec. 28-17-42 W.					
7-28	Jack Ratliff	101.0	8-18	Jack Ratliff	96.3
8- 5	do	101.0	8-29	do	113.0
8-10	do	101.0			
BOGGY CREEK					
Below Wickersham Diversion Dam—Sec. 31-33-54 W.					
4-26	C. D. Christensen	0.0	7-28	M. K. Wilgus	0.0
5-19	R. V. Meyers	.0		do	.0
6-28	M. K. Wilgus	.5	9-19	do	.0
7-12	do	.1			
BORDEAUX CREEK, BIG					
Below Thomas Canal—Sec. 34-34-48 W.					
5- 4	R. V. Meyers	11.7	8-11	M. K. Wilgus	4.1
6- 3	do	7.3	8-22	do	3.2
7-11	M. K. Wilgus	5.6	9- 2	do	1.1
7-22	do	7.1	9-17	do	1.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BORDEAUX CREEK, LITTLE					
Below Hartzell Canal—Sec. 13-33-48 W.					
10-27	R. V. Meyers	2.3	6-23	Christensen-Wilgus	5.3
2- 9	do	2.8	7- 8	M. K. Wilgus	3.7
3- 2	R. F. Bishop	3.4	7-22	do	2.6
3-10	R. V. Meyers	5.0	8-11	do	1.6
3-23	do	5.8	8-22	do	1.9
4-15	do	3.5	9- 2	do	2.0
5- 4	do	3.9	9-17	do	1.2
6- 3	do	3.9			
BORDEAUX CREEK, BIG					
Chadron—Sec. 14-33-48 W.					
10-27	R. V. Meyers	2.7	6-23	Christensen-Wilgus	5.0
3- 2	R. F. Bishop	2.5	7- 8	M. K. Wilgus	4.1
3-10	R. V. Meyers	4.3	7-22	do	2.9
3-23	do	7.2	8-11	do	3.0
4-15	do	4.5	8-22	do	3.0
5- 4	do	4.6	9- 2	do	3.0
6- 3	do	3.8	9-17	do	2.6
BROWN CREEK					
Loup City—Sec. 25-15-15 W.					
8- 2	W. J. Page	0.0			
BUFFALO CREEK					
Elm Creek—Sec. 33-9-18 W.					
10-14	D. B. Ender	40.5	12-13	D. B. Ender	1.8
10-28	do	4.3	1-20	do	.6
11-24	do	.4	3-10	do	14.7
12- 2	do	.2	4-14	do	11.5
BULL DRAIN					
Maxwell—Sec. 20-13-28 W.					
10-22	D. B. Ender	1.9	5- 9	D. B. Ender	6.2
11- 8	do	1.7	5-23	do	5.9
11-26	do	2.8	6-13	do	8.6
12- 3	do	2.9	7- 9	do	2.5
12-17	do	2.2	8- 5	do	2.0
2- 8	do	1.9	8-22	do	2.1
3-11	do	3.6	9-16	do	2.2
4- 9	do	9.6	9-30	do	2.1
4-15	do	3.5			
BURGESS CREEK					
Sec. 20-32-6 W.					
9-29	W. J. Page	0.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CACHE CREEK					
Ewing—Sec. 13-26-9 W.					
10-12	C. H. Carstens	4.8	5-10	C. H. Carstens	23.8
10-25	J. E. Lind	5.9	5-24	C. E. Falk	330.0
11-10	C. E. Falk	8.4	6- 7	do	32.5
11-27	do	9.0	6-22	Ericson-Carstens	13.6
12- 7	do	6.0	7- 6	D. W. Ericson	8.3
12-21	C. H. Carstens	10.0	7-19	C. E. Falk	8.3
3-17	C. E. Falk	37.2	8- 1	D. W. Ericson	4.4
3-21	C. H. Carstens	347.0	8-16	C. E. Falk	4.2
3-25	W. J. Page	409.0	8-29	D. W. Ericson	4.2
4- 7	Page-Carstens	436.0	9-13	C. E. Falk	15.9
4-18	J. E. Lind	80.3	9-26	C. H. Carstens	5.6
4-26	C. E. Falk	26.0			
CALAMUS RIVER					
Harrop—Sec. 22-23-18 W.					
5-16	W. J. Page	204.0	9-27	W. J. Page	176.0
7-20	do	170.0			
CAMP CLARK SEEP					
Sec. 9-20-51 W.					
3-18	D. J. Neely	2.2			
CEDAR BRANCH CREEK					
Nevins—Sec. 17-14-35 W.					
10- 7	J. H. Hintz	2.0	5-23	J. H. Hintz	2.0
10-28	do	1.4	6-25	do	2.2
12- 2	do	1.4	7-18	do	1.9
12-16	do	2.0	8-26	do	1.3
4-16	do	2.0	9-16	do	1.4
5- 6	do	2.1	9-30	do	1.0
CEDAR CREEK					
Above D-507, Schilt-Cedar Creek Canal—Sec. 35-33-56 W.					
4-25	C. D. Christensen	0.3	8-30	M. K. Wilgus	0.0
7-13	M. K. Wilgus	.0			
CEDAR CREEK					
Near Elba—Sec. 8-15-10 W.					
7-14	W. J. Page	0.0			
CEDAR CREEK					
Sec. 11-18-48 W.					
10- 6	Jack Ratliff	12.5	12-15	Jack Ratliff	13.7
10-18	do	14.1	2-26	do	15.1
11- 3	do	11.8	3- 7	do	13.9
11-13	do	11.5	3-21	do	14.5
11-17	P. D. Harrington	12.4	4- 7	do	14.1
11-23	Ratliff-Meyers	12.1	4-20	do	13.7

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CEDAR CREEK					
Taylor—Sec. 27-21-17 W.					
5-16	W. J. Page	9.0	7-11	W. J. Page	0.0
CEDAR RIVER					
Belgrade—Sec. 2-17-7 W.					
10-12	J. D. Hungate	171.0	5-24	J. D. Hungate	364.0
10-26	Hungate-Choik	201.0	6- 7	do	287.0
11- 9	Hungate-Kohlund	170.0	6-21	do	340.0
12- 9	J. D. Hungate	288.0	7- 5	do	212.0
12-21	do	243.0	7-19	C. V. Burns	195.0
1-19	do	159.0	8- 2	J. D. Hungate	159.0
2-15	do	178.0	8-16	do	162.0
3- 1	do	275.0	8-31	do	184.0
4-12	do	550.0	9-14	do	210.0
4-26	do	263.0	9-28	do	152.0
5-10	do	280.0			
CHADRON CREEK					
One-half Mile above City Reservoir—Sec. 19-32-48 W.					
10- 8	Meyers-Bishop	0.4	3-25	R. V. Meyers	2.0
10-27	R. V. Meyers	1.2	4- 8	do	1.3
12- 3	do	1.3	4-15	do	2.8
1-15	do	1.2	5-13	do	1.5
1-29	Meyers-Caughran	1.3	6-21	Christensen-Wilgus	2.4
2- 4	R. V. Meyers	1.6	7- 7	M. K. Wilgus	2.6
2-10	do	1.7	7-22	do	1.6
2-24	do	2.6	8- 8	do	1.6
3- 2	R. F. Bishop	1.2	8-22	do	1.2
3- 7	R. V. Meyers	2.6	9- 6	do	1.2
3-15	do	1.9			
CHADRON CREEK					
500 Feet below City Reservoir—Sec. 18-32-48 W.					
10- 8	Meyers-Bishop	0.0	4- 8	R. V. Meyers	2.1
10-27	R. V. Meyers	.0	4-15	do	3.0
1-29	Meyers-Caughran	.9	5-13	do	2.3
2- 4	R. V. Meyers	1.1	6-21	Christensen-Wilgus	.0
2-10	do	1.1	7- 7	M. K. Wilgus	.4
2-24	do	2.0	7-22	do	.4
3- 2	R. F. Bishop	2.2	8- 8	do	.0
3- 7	R. V. Meyers	5.5	8-22	do	.0
3-15	do	3.0	9- 6	do	.0
3-25	do	3.6			
CHADRON CREEK					
West of Chadron—Sec. 15-33-49 W.					
3-12	R. F. Bishop	22.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CHESBRA CREEK					
Taylor—Sec. 20-21-18 W.					
5-16	W. J. Page	0.0	8- 8	W. J. Page	0.0
7-11	do	.0	8-22	do	.0
7-18	Page-Ericson	.0	9-19	do	.0
7-27	W. J. Page	.0			
CHIMNEY CREEK					
Meadville—Sec. 32-33-22 W.					
7-29	W. J. Page	0.0			
CLEAR CREEK					
Ansley—Sec. 22-16-17 W.					
8-23	W. J. Page	0.0			
CLEAR CREEK					
Below Pibol Lake—Sec. 31-21-10 W.					
8-21	W. J. Page	2.1	9-30	W. J. Page	2.0
CLEAR CREEK					
Westerville—Sec. 28-17-18 W.					
8-23	W. J. Page	0.0			
CLEAR CREEK					
Litchfield—Sec. 26-14-16 W.					
8-17	W. J. Page	0.4			
CLEAR CREEK					
Sec. 5-15-41 W.					
10-27	Jack Ratliff	1.4	5- 9	Jack Ratliff	10.5
11-19	P. D. Harrington	8.8	6- 9	do	9.0
12-17	Jack Ratliff	6.1	7-18	do	7.4
2- 4	Ratliff-Bishop	9.0	8-15	do	7.6
3- 5	Jack Ratliff	11.9	9- 2	do	8.0
3-16	do	3.1	9-12	do	9.1
4-15	do	9.8			
CLEAR CREEK					
Ashland—Sec. 36-13-9 E.					
5-27	W. J. Page	34.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CLEARWATER CREEK					
Clearwater—Sec. 6-26-27 W.					
10-12	C. H. Carstens	21.9	5- 9	C. H. Carstens	68.7
10-25	J. E. Lind	23.3	5-24	C. E. Falk	223.0
11-10	C. E. Falk	25.4	6- 7	do	53.5
11-27	do	37.1	6-22	Ericson-Carstens	33.1
12- 7	do	34.3	7- 6	D. W. Ericson	25.1
12-20	C. H. Carstens	31.1	7-19	C. E. Falk	24.5
3-17	C. E. Falk	63.6	8- 1	D. W. Ericson	21.9
3-21	C. H. Carstens	261.0	8-16	C. E. Falk	19.7
3-28	W. J. Page	339.0	8-29	D. W. Ericson	27.1
4-11	C. H. Carstens	207.0	9-13	C. E. Falk	39.5
4-18	J. E. Lind	107.0	9-26	C. H. Carstens	23.1
4-26	C. E. Falk	46.1			
CLEVELAND DRAIN					
Sec. 6-20-52 W.					
10-23	Harrington-Neely	1.7	2-28	D. J. Neely	7.0
11- 6	D. J. Neely	1.8	3-14	do	4.3
12-22	do	1.6	4- 4	do	2.9
1-25	do	.4	4-19	do	2.3
COB CREEK					
Loup City—Sec. 23-15-15 W.					
8- 2	W. J. Page	0.3			
COLD WATER CREEK					
Below Lisco Canal—Sec. 34-18-46 W.					
10-13	Jack Ratliff	13.7	6- 6	Jack Ratliff	0.2
11-19	P. D. Harrington	1.2	7-20	do	0.2
2- 8	Ratliff-Bishop	3.9	8-15	do	5.6
3- 8	Jack Ratliff	4.2	8-31	do	6.6
5- 4	do	13.4	9-19	do	2.9
COLE CREEK					
Loup City—Sec. 28-16-15 W.					
8- 2	W. J. Page	0.6			
COLEMAN CREEK					
Nordan—Sec. 15-33-24 W.					
7-29	W. J. Page	0.5			
COON CREEK					
Brocksburg—Sec. 8-34-17 W.					
9-28	W. J. Page	0.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
COON CREEK					
Carns—Sec. 24-32-19 W.					
9-27	W. J. Page	2.6			
COTTONWOOD CREEK					
Dunlap—Sec. 27-29-48 W.					
10-27	R. V. Meyers	1.0	7-18	M. K. Wilgus	0.7
4-22	C. D. Christensen	1.8	8- 8	do	.2
5-25	R. V. Meyers	1.6	8-27	do	.5
6-27	M. K. Wilgus	1.2	9-20	do	.6
COTTONWOOD CREEK, BIG					
Sec. 22-33-50 W.					
10-26	R. V. Meyers	1.7	5- 9	R. V. Meyers	3.4
11-11	do	1.1	6-23	Christensen-Wilgus	1.0
12- 3	do	2.1	7- 8	M. K. Wilgus	1.3
12-22	do	2.9	7-21	do	1.4
3- 1	R. F. Bishop	170.0	8-11	do	5.3
3- 4	Bishop-Caughran	321.0	8-22	do	1.5
4- 6	R. V. Meyers	6.4	9- 8	do	.7
4-15	do	3.2	9-28	do	.5
COTTONWOOD CREEK, LITTLE					
Sec. 8-32-52 W.					
3- 9	R. V. Meyers	7.8	7-20	M. K. Wilgus	0.0
3-29	do	6.2	8- 1	do	.0
4-12	do	3.6	8-12	do	.0
5- 9	do	.5	8-29	do	.0
6- 9	do	1.2	9-10	do	.0
6-29	M. K. Wilgus	2.1			
COTTONWOOD CREEK, LITTLE					
South of Whitney Pipe Line Outlet—Sec. 8-32-51 W.					
2- 8	R. V. Meyers	0.0	5- 9	R. V. Meyers	2.9
CROOKED CREEK					
Red Cloud—Sec. 1-1-11 W.					
5-25	L. F. Zabel	2.6	7-28	L. F. Zabel	0.8
6-29	do	2.2	9- 9	do	1.2
CROOKED CREEK					
Spencer—Sec. 12-33-12 W.					
9-29	W. J. Page	0.0			
CUB CREEK					
Meadville—Sec. 3-32-22 W.					
7-29	W. J. Page	2.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DANE CREEK					
Ord—Sec. 20-19-14 W.					
7-14	W. J. Page	2.6	9-19	W. J. Page	0.2
DAVIS CREEK					
Cotesfield—Sec. 34-17-12 W.					
5-16	W. J. Page	3.4			
DAWSON COUNTY DRAIN NO. 2					
Darr—Sec. 25-10-23 W.					
10-14	D. B. Ender	1.2	3-10	D. B. Ender	2.1
10-28	do	.6	4-13	do	5.0
12- 2	do	.0			
DEAD HORSE CREEK					
Sec. 32-33-49 W.					
10- 7	Meyers-Bishop	0.6	6-22	Christensen-Wilgus	2.7
10-28	R. V. Meyers	1.6	7- 7	M. K. Wilgus	1.9
11-11	do	1.2	7-21	do	1.0
12-22	do	.8	8-10	do	1.0
3- 9	do	3.1	8-22	do	1.3
3-28	do	5.4	9- 9	do	1.4
5-10	do	4.5	9-28	do	1.1
DEAD HORSE CREEK					
Loup City—Sec. 18-15-14 W.					
7-13	M. K. Wilgus	0.0	8- 9	W. J. Page	0.0
8- 2	W. J. Page	.0			
DEEP CREEK					
Sec. 4-30-53 W.					
4-12	R. V. Meyers	0.7	8- 2	M. K. Wilgus	0.1
5-11	do	.7	8-12	do	.0
6-30	M. K. Wilgus	.7	9-10	do	.2
7-20	do	.2			
DEER CREEK					
Boelus—North Line of Sec. 27-13-12 W.					
7- 7	M. K. Wilgus	0.5	8-25	W. J. Page	0.1
DEGRAW DRAIN					
Sec. 24-20-51 W.					
3- 3	R. V. Meyers	10.2	5-24	D. J. Neely	9.2
3-18	D. J. Neely	5.5	6-11	do	10.3
4- 4	do	6.7	6-25	do	5.5
4-19	do	2.5	7-18	do	3.0
5- 7	Ratliff-Christensen	6.3	9-12	do	7.7

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DRINGMAN DRAIN					
Sec. 32-14-33 W.					
11- 4	J. H. Hintz	10.5	5-13	J. H. Hintz	9.0
12- 2	do	8.7	5-25	do	8.4
12-14	do	9.4	7-13	do	10.2
3-12	do	9.2	7-28	do	8.9
3-23	do	8.3	8-25	do	8.8
4-15	do	10.2	9-21	do	8.6
5- 4	do	9.0			
DRY CREEK					
O'Neill—Sec. 8-28-11 W.					
9-30	W. J. Page	0.0			
DRY CREEK					
Naper—Sec. 18-34-15 W.					
9-28	W. J. Page	0.0			
DRY CREEK					
Riverview—Sec. 14-32-21 W.					
9-27	W. J. Page	0.0			
DRY CREEK					
Merriman—Sec. 17-34-37 W.					
3-10	R. V. Meyers	38.4	6-23	Christensen-Wilgus	2.3
3-23	do	17.0	7-27	M. K. Wilgus	.0
4- 7	do	8.6	8-24	do	.0
5- 3	do	8.7	9-23	do	.0
6- 2	do	5.1			
DRY CREEK					
Ravenna—Sec. 32-13-14 W.					
8- 2	W. J. Page	0.0	8-16	W. J. Page	0.0
DUGOUT CREEK, UPPER					
Sec. 20-20-50 W.					
11- 6	D. J. Neely	6.1	3-14	D. J. Neely	4.2
11-19	do	8.4	3-19	Ratliff-Neely	3.2
1-19	do	3.8	4- 4	D. J. Neely	4.1
2- 9	do	5.5	4-19	do	2.2
3- 3	R. V. Meyers	5.4			
EAGLE CREEK					
Paddock—Sec. 2-32-11 W.					
9-30	W. J. Page	33.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ELKHORN RIVER					
Stanton—Sec. 29-23-2 E.					
10- 5	J. D. Hungate	254.0	4-20	J. D. Hungate	2380.0
10-19	do	272.0	5- 4	do	812.0
11- 2	do	307.0	5-18	do	696.0
11-16	do	343.0	6- 3	do	5350.0
11-30	do	356.0	6-15	do	1480.0
12-15	do	283.0	6-29	do	628.0
12-31	do	279.0	7-13	do	537.0
1-12	do	340.0	7-26	C. V. Burns	324.0
2- 9	do	389.0	8- 9	J. D. Hungate	292.0
2-23	do	465.0	8-24	do	450.0
3-25	do	4700.0	9- 6	do	581.0
4- 6	do	4920.0	9-21	do	430.0

ELKHORN RIVER					
Battle Creek—Sec. 30-24-2 W.					
10- 5	J. D. Hungate	164.0	4- 6	J. D. Hungate	4900.0
10-19	do	192.0	4- 7	do	6960.0
11- 2	do	216.0	4-20	do	1720.0
11-16	do	232.0	5- 4	do	587.0
11-30	do	269.0	5-18	do	444.0
12-15	do	251.0	6- 3	do	1350.0
12-30	do	196.0	6-15	do	772.0
1-13	do	219.0	6-29	do	400.0
2- 9	do	236.0	7-13	do	313.0
2-23	do	259.0	7-26	C. V. Burns	227.0
3-24	do	2790.0	8- 9	J. D. Hungate	144.0
3-30	C. V. Burns	4730.0	8-24	do	252.0
3-31	Burns-Hungate	5720.0	9- 6	do	303.0
4- 1	C. V. Burns	4740.0	9-21	do	264.0

ELKHORN RIVER					
Atkinson—Sec. 30-30-14 W.					
5-26	M. G. Zellars	117.0			

ELKHORN RIVER					
Hooper—Sec. 17-19-8 E.					
10- 4	J. D. Hungate	324.0	5- 3	C. V. Burns	1150.0
10-18	do	321.0	5-17	do	848.0
11- 1	do	429.0	5-31	do	1980.0
11-15	do	372.0	6-14	T. P. Harding	1570.0
11-29	do	391.0	6-21	do	1460.0
12-29	J. M. Spearman	362.0	7-13	C. V. Burns	693.0
1-12	do	377.0	8- 1	Burmeister-Bohner	449.0
2- 4	do	359.0	8- 8	I. L. Burmeister	323.0
2-25	do	365.0	8-23	do	712.0
3-22	do	5600.0	9- 9	G. E. Philippsen	526.0
4- 7	C. V. Burns	4770.0	9-19	do	557.0
4-20	G. E. Philippsen	3260.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ELM CREEK					
Ord—Sec. 24-19-14 W.					
7-14	W. J. Page	0.1			
ELM CREEK					
Elm Creek—Sec. 33-9-18 W.					
10-28	D. B. Ender	0.0	2-9	D. B. Ender	0.0
11-24	do	.0	2-22	do	.0
12-2	do	.0	3-10	do	.6
12-13	do	.0	4-14	do	.4
1-20	do	.0			
EUREKA CREEK					
Naponee—Sec. 1-1-17 W.					
6-29	L. F. Zabel	0.1	9-9	L. F. Zabel	0.0
7-28	do	.0			
FAIRFIELD SEEP					
Sec. 18-21-53 W.					
10-14	P. D. Harrington	0.8	4-19	D. J. Neely	0.1
11-12	D. J. Neely	.4	5-12	do	.0
3-1	do	.8	6-16	do	.5
3-15	do	1.0	7-18	do	.0
4-6	do	.3			
FANNING SEEP					
One-half Mile North of Mitchell Bridge—Sec. 28-23-56 W.					
10-14	P. D. Harrington	5.0	4-21	D. J. Neely	0.8
11-10	D. J. Neely	3.6	5-9	do	4.4
12-3	Neely-Bishop	4.2	5-23	do	1.9
2-28	D. J. Neely	7.1	6-20	do	2.2
3-16	do	3.4	7-12	do	1.6
3-28	do	2.5	8-15	do	3.3
FARMER CREEK					
Inavale—Sec. 5-1-12 W.					
6-29	L. F. Zabel	4.5	9-9	L. F. Zabel	1.1
7-28	do	.8			
FISH CREEK					
Cotesfield—Sec. 7-16-11 W.					
7-14	W. J. Page	0.2			
FLAG CREEK					
Orleans—Sec. 16-2-19 W.					
5-25	L. F. Zabel	2.9	7-28	L. F. Zabel	1.5
6-29	do	2.2	9-9	do	.7

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
FOUR MILE DRAW					
Tributary to Elm Creek—Sec. 33-9-18 W.					
6- 7	D. B. Ender	755.0			
FREMONT SLOUGH					
North Platte—Sec. 16-13-30 W.					
10- 5	D. B. Ender	12.8	12-17	D. B. Ender	19.1
10-22	do	15.0	1-15	do	15.8
11- 6	do	19.2	2-19	do	21.8
11-13	do	19.9	3- 7	do	47.3
11-20	do	19.7	3-16	do	28.9
12- 4	do	22.5	4-11	do	44.6
FREMONT SLOUGH					
Below Sutherland Power Return Canal—Sec. 16-13-30 W.					
10- 5	D. B. Ender	1.8	5-31	D. B. Ender	0.4
10-22	do	1.3	6-11	do	1.1
11- 6	do	.4	7- 5	do	.5
11-13	do	.6	7-16	do	1.2
12- 4	do	.3	8-13	do	.7
5- 3	do	.1	8-27	do	.3
FRENCHMAN RIVER					
Palisade—Sec. 35-5-34 W.					
6-21	L. F. Zabel	141.0			
FRENCHMAN RIVER					
Power Plant, Wauneta—Sec. 11-5-36 W.					
6- 1	L. F. Zabel	99.8			
FRENCHMAN CREEK					
Above Arterburn Reservoir—Sec. 10-6-41 W.					
8-15	L. F. Zabel	3.5			
FRENCHMAN CREEK					
Below Arterburn Reservoir—Sec. 12-6-41 W.					
8-15	L. F. Zabel	2.7			
GORDON CREEK					
Valentine—Sec. 30-33-28 W.					
7-28	Page-Zellers	5.7			
GRACIE CREEK					
Sec. 29-23-17 W.					
7-20	W. J. Page	0.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
GRAVEL CREEK					
Sec. 9-14-36 W.					
10- 7	J. H. Hintz	2.5	5-23	J. H. Hintz	2.7
10-28	do	2.9	6-25	do	2.8
12- 3	do	3.1	7-18	do	2.4
12-16	do	3.2	8-26	do	2.6
3-16	do	3.4	9-16	do	2.9
4-22	do	2.7	9-30	do	3.1
5- 6	do	3.0			
GREENWOOD CREEK					
Below Meglemre Canal—Sec. 3-18-50 W.					
5-13	C. D. Christensen	9.3			
GREENWOOD CREEK					
Below Nelson Canal—Sec. 33-18-50 W.					
5-13	C. D. Christensen	5.0			
HAMAR CREEK					
Sparks—Sec. 7-33-24 W.					
7-29	W. J. Page	0.2			
HASKELL CREEK					
Ord—Sec. 4-19-14 W.					
7-14	W. J. Page	0.6			
HAT CREEK					
Montrose—Sec. 18-34-54 W.					
4-25	C. D. Christensen	3.8			
HAT CREEK					
Above Coffee Canal—Sec. 35-33-55 W.					
4-25	C. D. Christensen	2.7	7-28	M. K. Wilgus	0.6
5-19	R. V. Meyers	3.1	8-19	do	3.5
6-28	M. K. Wilgus	2.1	9-19	do	1.8
7-12	do	1.9			
HAT CREEK					
Sec. 16-32-55 W.					
7-12	M. K. Wilgus	0.6	8-19	M. K. Wilgus	0.9
7-28	do	.5	9-19	do	.5
HAWTHORNE CREEK					
Arcadia—Sec. 23-17-16 W.					
8- 2	W. J. Page	7.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
HAYS CREEK					
Arcadia—Sec. 5-16-15 W.					
8- 2	W. J. Page	0.0			
HERSHEY DRAIN					
Sec. 33-14-32 W.					
11- 4	J. H. Hintz	15.8	5- 4	J. H. Hintz	17.4
12- 2	do	19.7	5-13	do	20.1
12-14	do	21.6	5-25	do	22.0
2-25	do	28.5	7-13	do	17.6
3-12	do	22.2	7-28	do	15.3
3-23	do	21.6	8-25	do	15.2
4-13	do	25.2	9-21	do	15.9
HOOKER CREEK					
Sec. 20-32-51 W.					
2- 8	R. V. Meyers	0.0	2-24	R. V. Meyers	61.0
HORSE CREEK					
Pringle's Ranch—Sec. 23-1-39 W.					
6-15	L. F. Zabel	2.4	9-13	L. F. Zabel	2.8
HOUGAN CREEK					
Mariaville—Sec. 33-33-17 W.					
9-28	W. J. Page	0.9			
HOWE CREEK					
Center—Sec. 10-31-5 W.					
9-29	W. J. Page	4.3			
INDIAN CREEK					
Max—Sec. 23-2-36 W.					
6-15	L. F. Zabel	7.7	9-27	L. F. Zabel	2.5
INDIAN CREEK					
Sec. 16-32-50 W.					
3-28	R. V. Meyers	3.2	5-10	R. V. Meyers	1.5
INDIAN CREEK					
Sec. 19-20-50 W.					
11- 6	D. J. Neely	6.3	3- 3	R. V. Meyers	5.8
11-19	do	8.8	3-14	D. J. Neely	4.6
1-19	do	3.1	4- 4	do	4.3
2- 9	do	5.1	4-19	do	3.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
INDIAN CREEK					
Sec. 5-32-50 W.					
6-22	Christensen-Wilgus	1.2	8-22	M. K. Wilgus	0.1
7- 9	M. K. Wilgus	1.0	9- 9	do	.1
7-21	do	.3	9-26	do	.2
8-10	do	.1			
INDIAN CREEK					
Red Cloud—Sec. 4-1-11 W.					
5-25	L. F. Zabel	6.4	7-28	L. F. Zabel	1.0
6-29	do	5.1	9- 9	do	.9
INDIAN CREEK					
Above A-1822—Sec. 3-31-50 W.					
6-22	Christensen-Wilgus	0.4	8-22	M. K. Wilgus	0.0
7- 7	M. K. Wilgus	.2	9- 9	do	.1
7-21	do	.2	9-26	do	.1
8-10	do	.0			
JIM CREEK					
High Line Canal, SW $\frac{1}{4}$ SE $\frac{1}{4}$ —Sec. 13-33-57 W.					
7-13	M. K. Wilgus	0.2	8-23	M. K. Wilgus	0.1
7-28	do	.1	9-21	do	.1
JIM CREEK					
West Line—Sec. 8-32-56 W.					
4-26	C. D. Christensen	0.2	8-23	M. K. Wilgus	0.0
7-13	M. K. Wilgus	.0	9-21	do	.0
8- 2	do	.0			
KEITH-LINCOLN COUNTY DRAIN					
Sec. 24-14-35 W.					
5- 6	J. H. Hintz	0.0	7-13	J. H. Hintz	0.0
5-13	do	.0	7-28	do	.0
5-23	do	.0	8-25	do	.0
6-25	do	.0	9-21	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 20—Sec. 3-14-38 W.					
10- 8	J. H. Hintz	0.0	5- 3	J. H. Hintz	0.0
11- 2	do	.0	5-26	do	.0
11-26	do	.0	6-24	do	.0
12-17	do	.0	7-11	do	.0
2-11	do	.0	8-12	do	.0
3-22	do	.0	9- 2	do	.0
4-12	do	.0	9-23	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE					
Drain at Station 30—Sec. 3-14-38 W.					
10- 8	J. H. Hintz	0.0	5- 3	J. H. Hintz	0.0
11- 2	do	.0	5-26	do	.0
11-26	do	.0	6-24	do	.0
12-17	do	.0	7-11	do	.0
2-11	do	.0	8-12	do	.0
3-22	do	.0	9- 2	do	.0
4-12	do	.0	9-23	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 40—Sec. 3-14-38 W.					
10- 8	J. H. Hintz	0.0	5- 3	J. H. Hintz	0.0
11- 2	do	.0	5-26	do	.0
11-26	do	.0	6-24	do	.0
12-17	do	.0	7-11	do	.0
2-11	do	.0	8-12	do	.0
3-22	do	.0	9- 2	do	.0
4-12	do	.0	9-23	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 50—Sec. 34-14-38 W.					
10- 8	J. H. Hintz	0.0	5- 3	J. H. Hintz	0.0
11- 2	do	.0	5-26	do	.0
11-26	do	.0	6-24	do	.0
12-17	do	.0	7-11	do	.0
2-11	do	.0	8-12	do	.0
3-22	do	.0	9- 2	do	.0
4-12	do	.0	9-23	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 60—Sec. 34-15-38 W.					
10- 8	J. H. Hintz	1.8	5- 3	J. H. Hintz	1.4
11- 2	do	.7	5-26	do	1.3
11-26	do	.8	6-24	do	1.9
12-17	do	.9	7-11	do	1.7
2-11	do	.9	8-12	do	1.5
3-22	do	.7	9- 2	do	1.5
4-12	do	.8	9-23	do	1.2
KINGSLEY DAM SEEPAGE					
Drain at Station 70—Sec. 34-15-38 W.					
10- 8	J. H. Hintz	5.2	5- 3	J. H. Hintz	4.9
11- 2	do	5.3	5-26	do	4.7
11-26	do	5.1	6-24	do	4.5
12-17	do	6.3	7-11	do	4.2
2-11	do	5.8	8-12	do	5.2
3-22	do	5.4	9- 2	do	4.7
4-12	do	5.3	9-23	do	6.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE					
Drain at Station 80—Sec. 34-15-38 W.					
10- 8	J. H. Hintz	10.6	5- 3	J. H. Hintz	9.8
11- 2	do	9.9	5-26	do	9.5
11-26	do	9.6	6-24	do	9.7
12-17	do	10.1	7-11	do	9.9
2-11	do	9.8	8-12	do	10.0
3-22	do	9.8	9- 2	do	9.1
4-12	do	9.8	9-23	do	8.4
KINGSLEY DAM SEEPAGE					
Drain at Station 94—Sec. 34-15-38 W.					
10- 8	J. H. Hintz	0.0	5- 3	J. H. Hintz	0.0
11- 2	do	.0	5-26	do	.0
11-26	do	.0	6-24	do	.0
12-17	do	.0	7-11	do	.0
2-11	do	.0	8-12	do	.0
3-22	do	.0	9- 2	do	.0
4-12	do	.0	9-23	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 100—Sec. 34-15-38 W.					
10- 8	J. H. Hintz	2.9	5- 3	J. H. Hintz	1.9
11- 2	do	3.2	5-26	do	2.1
11-26	do	2.6	6-24	do	2.3
12-17	do	2.2	7-11	do	2.4
2-11	do	2.2	8-12	do	2.4
3-22	do	2.0	9- 2	do	2.6
4-12	do	1.9	9-23	do	2.5
LANE DRAIN					
Sec. 30-23-57 W.					
10-14	P. D. Harrington	6.0	4-28	D. J. Neely	0.9
11-13	D. J. Neely	1.7	5-11	do	1.1
12- 4	Neely-Bishop	2.2	5-25	do	1.4
2-28	D. J. Neely	2.0	6-14	do	3.7
3-16	do	1.9	7-14	do	7.0
3-28	do	2.1	8-11	do	7.8
4-11	do	1.3	9-19	do	7.6
LARABEE CREEK					
Sec. 6-34-44 W.					
10- 5	Meyers-Bishop	2.2	6- 2	R. V. Meyers	3.0
10-27	R. V. Meyers	3.1	7-26	M. K. Wilgus	2.9
3-23	do	10.6	8-18	do	2.4
5- 3	do	5.4	9-22	do	2.4
LAWRENCE FORK CREEK					
South Line—Sec. 36-19-52 W.					
5-11	C. D. Christensen	0.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LAWRENCE FORK CREEK					
Highway 88—Sec. 25-19-52 W.					
4- 8	R. F. Bishop	6.3	7- 9	C. D. Christensen	0.0
5-10	C. D. Christensen	.0	7-27	do	.0
5-11	do	.0	7-29	do	.0
5-20	do	.0			
LAWRENCE FORK CREEK					
Above Crigler Canal—Sec. 1-18-52 W.					
4- 8	R. F. Bishop	4.2			
LAWRENCE FORK CREEK					
Below Crigler Canal—Sec. 1-18-52 W.					
5-10	C. D. Christensen	0.3	7- 9	C. D. Christensen	0.0
5-11	do	.3	8- 2	do	.0
5-20	do	.3	8- 5	do	.0
7- 4	P. D. Harrington	.0	8-12	do	.0
LAWRENCE FORK CREEK					
Below Randall Canal—Sec. 21-18-52 W.					
4- 8	R. F. Bishop	4.8	7-29	C. D. Christensen	3.7
5-11	C. D. Christensen	.5	8- 2	do	3.8
5-20	do	.3	8-12	do	4.6
7- 4	P. D. Harrington	4.7	8-15	do	3.1
7- 9	C. D. Christensen	3.9	8-22	do	2.6
7-27	do	.7			
LAWRENCE FORK CREEK					
Below Spring Branch Canal—Sec. 11-18-52 W.					
5-10	C. D. Christensen	2.5	7-27	C. D. Christensen	0.2
5-11	do	3.1	8- 5	do	1.2
5-20	do	2.8	8-15	do	.0
7- 4	P. D. Harrington	.0	8-22	do	.0
7- 9	C. D. Christensen	1.5			
LAWRENCE FORK CREEK					
Below Neihus Canal—Sec. 11-18-52 W.					
5-10	C. D. Christensen	5.8	5-20	C. D. Christensen	5.6
5-11	do	6.4	7-27	do	1.8
LILLIAN CREEK					
Walworth—Sec. 1-19-20 W.					
7-19	W. J. Page	0.6	9-20	W. J. Page	0.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LINCOLN COUNTY DRAIN NO. 1					
North Platte—Sec. 30-14-30 W.					
10- 4	J. H. Hintz	76.6	2- 2	J. H. Hintz	34.9
10-11	do	71.3	2-10	do	38.6
10-22	do	61.4	2-25	do	46.8
11- 1	do	56.9	3- 7	do	41.4
11-15	do	51.0	3-15	do	40.6
11-29	do	46.6	3-21	do	37.0
12- 6	do	43.9	3-29	do	38.3
12-14	do	43.5	4- 8	do	60.6
12-20	do	43.9	4-13	do	57.9
1-20	Hintz-Caughran	32.6	4-21	do	49.4
LINCOLN COUNTY DRAIN NO. 2					
Sec. 12-14-33 W.					
11- 4	J. H. Hintz	2.9	5-13	J. H. Hintz	5.5
12- 2	do	2.9	5-25	do	5.0
12-14	do	2.7	6-27	do	2.4
3-10	do	4.8	7-13	do	2.9
3-23	do	4.5	7-28	do	3.3
4-13	do	6.2	8-25	do	4.4
5- 4	do	3.0	9-21	do	3.4
LODGEPOLE CREEK					
Wyoming-Nebraska Line—Sec. 11-14-59 W.					
10-19	R. V. Meyers	2.7	5-16	R. F. Bishop	5.2
11- 1	do	2.6	5-24	do	4.1
11-15	do	3.4	5-31	do	2.7
11-29	do	3.1	6- 6	do	4.3
12- 6	do	2.8	6-14	do	5.2
12-16	do	4.1	6-22	do	4.4
1-11	P. D. Harrington	6.9	6-27	do	3.5
1-31	R. V. Meyers	4.8	7- 5	do	3.9
2-14	do	3.2	7-12	do	3.9
2-26	P. D. Harrington	6.9	7-27	do	3.6
3- 7	R. F. Bishop	5.4	8- 1	do	2.3
3-15	do	8.4	8-10	do	2.4
3-21	do	5.1	8-15	do	1.1
4- 1	do	5.9	8-22	do	.8
4- 6	do	4.9	8-30	do	.9
4-12	do	4.0	9- 6	do	1.2
4-18	do	4.1	9-13	do	1.4
4-28	do	2.1	9-19	do	1.3
5- 2	do	2.8	9-26	do	1.4
5- 9	do	3.9			
LODGEPOLE CREEK					
Directly below Oliver Reservoir—Sec. 36-15-57 W.					
3-21	R. F. Bishop	0.2	5-24	R. F. Bishop	0.4
4- 6	do	.2	6-28	do	.4
4-18	do	.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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LODGEPOLE CREEK

Below Oliver Reservoir and New Ruttner Canal—Sec. 31-15-56 W.

10-19	R. V. Meyers	3.1	1-31	R. V. Meyers	3.7
11- 1	do	3.1	2-14	do	3.2
11-15	do	3.1	2-26	P. D. Harrington	3.8
11-29	do	3.1	3- 7	R. F. Bishop	3.9
12- 6	do	3.1	3-15	do	4.0
12-16	do	2.9	3-21	do	3.8
1-12	P. D. Harrington	4.6	4- 1	do	3.9
1-19	R. V. Meyers	5.3			

LODGEPOLE CREEK

Kimball—Sec. 29-15-55 W.

10-19	R. V. Meyers	3.3	5-17	R. F. Bishop	10.5
11- 1	do	11.4	5-24	do	9.1
11-15	do	10.5	5-31	do	6.0
11-29	do	9.6	6-14	do	12.0
12- 6	do	10.0	6-22	do	8.9
12-16	do	15.9	6-28	do	4.6
3- 7	R. F. Bishop	12.0	7- 5	do	10.1
3-15	do	11.9	7-14	do	.1
3-22	do	11.8	7-28	do	.1
4- 5	do	10.8	8- 2	do	.6
4-12	do	9.6	8-10	do	.1
4-19	do	11.0	8-16	do	.1
4-28	do	10.4	8-23	do	.2
5- 3	do	2.4	9- 6	do	.2
5- 9	do	8.3	9-27	do	.2

LODGEPOLE CREEK

Above Bennett Reservoir—Sec. 28-15-55 W.

10-19	R. V. Meyers	3.4	6- 1	R. F. Bishop	5.7
11- 2	do	8.5	6-14	do	12.0
11-29	do	8.5	6-23	do	7.4
12- 6	do	12.5	6-28	do	4.4
12-16	do	12.8	7- 5	do	4.1
3- 7	R. F. Bishop	11.6	7-14	do	1.9
3-15	do	13.2	7-28	do	.1
3-22	do	9.6	8- 2	do	1.1
4- 5	do	9.2	8-10	do	.4
4-12	do	9.9	8-16	do	.6
4-19	do	8.4	8-23	do	.7
4-28	do	8.4	8-30	do	1.1
5- 3	do	1.4	9- 6	do	1.1
5- 9	do	3.8	9-12	do	.6
5-17	do	11.2	9-20	do	.2
5-24	do	8.3	9-27	do	.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Below Bennett Reservoir—Sec. 22-15-55 W.					
3- 7	R. F. Bishop	3.9	6-13	R. F. Bishop	4.8
3-15	do	3.6	6-23	do	1.3
3-22	do	5.0	6-28	do	1.6
4- 5	do	2.5	7- 6	do	.7
4-12	do	1.8	7-13	do	.1
4-19	do	13.2	7-28	do	.0
4-28	do	3.9	8- 2	do	.0
5- 3	do	.8	8-30	do	.1
5- 9	do	.6	9- 6	do	.0
5-17	do	4.5	9-20	do	.0
5-23	do	4.1	9-27	do	.0
6- 1	do	4.9			
LODGEPOLE CREEK					
Dix—Sec. 26-15-54 W.					
10-20	R. V. Meyers	0.0	5-23	R. F. Bishop	1.5
11- 2	do	.0	6- 1	do	.0
11-16	do	.0	6-13	do	.0
11-30	do	.0	6-23	do	1.2
12-16	do	.0	6-29	do	.0
2-14	do	.0	7- 6	do	.0
3- 7	R. F. Bishop	4.0	7-13	do	.0
3-15	do	8.5	7-28	do	.0
3-22	do	4.1	8-11	do	.0
4- 5	do	4.4	8-16	do	.0
4-12	do	3.0	8-31	do	.0
4-25	do	3.0	9- 7	do	.0
5- 3	do	.0	9-12	do	.0
5- 9	do	.5	9-20	do	.0
5-17	do	.4	9-27	do	.2
LODGEPOLE CREEK					
Potter—Sec. 6-14-52 W.					
10-20	R. V. Meyers	0.0	5-23	R. F. Bishop	0.0
11- 2	do	.0	6- 1	do	.0
11-16	do	.0	6-13	do	.0
11-30	do	.0	6-23	do	.0
12-16	do	.0	6-29	do	.0
2-14	do	.0	7- 6	do	.0
3- 7	R. F. Bishop	.0	7-13	do	.0
3-15	do	.0	7-28	do	.0
3-22	do	.0	8-11	do	.0
4- 5	do	.0	8-16	do	.0
4-12	do	.0	8-31	do	.0
4-25	do	.0	9- 7	do	.0
5- 3	do	.0	9-12	do	.0
5- 9	do	.0	9-20	do	.0
5-17	do	.0	9-27	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
South of Brownson—Sec. 19-14-50 W.					
10-20	R. V. Meyers	0.0	6- 1	R. F. Bishop	0.0
11- 2	do	.0	6-13	do	.8
11-16	do	.0	6-23	do	.0
11-30	do	.0	6-29	do	.0
12-16	do	.0	7- 6	do	.0
2-14	do	.0	7-14	do	.0
2-26	P. D. Harrington	10.1	7-28	do	.0
3- 8	R. F. Bishop	2.8	8- 3	do	.0
3-15	do	1.8	8-11	do	.0
4- 4	do	1.7	8-16	do	.0
4-11	do	.9	8-25	do	.0
4-25	do	.0	8-31	do	22.4
5- 5	do	.0	9- 7	do	.0
5-10	do	.2	9-12	do	.0
5-17	do	.0	9-20	do	.0
5-23	do	.7	9-27	do	.0

LODGEPOLE CREEK

Above Runge Canal—Sec. 20-14-50 W.

11- 2	R. V. Meyers	0.0	12-16	R. V. Meyers	0.0
11-16	do	.0	2-14	do	.0
11-30	do	.0			

LODGEPOLE CREEK

Below Runge Canal—Sec. 20-14-50 W.

10-20	R. V. Meyers	0.0	6-13	R. F. Bishop	4.4
11- 2	do	.0	6-23	do	2.5
2-14	do	.0	6-29	do	3.4
3- 8	R. F. Bishop	2.1	7- 6	do	2.6
3-15	do	.3	7-14	do	2.1
3-22	do	.4	7-28	do	2.3
4- 4	do	1.1	8- 3	do	2.3
4-11	do	4.3	8-11	do	1.4
4-25	do	2.6	8-16	do	1.0
5- 5	do	3.1	8-25	do	.9
5-10	do	2.8	9- 7	do	1.9
5-17	do	2.9	9-12	do	1.7
5-23	do	2.3	9-20	do	1.6
6- 2	do	3.0	9-27	do	1.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
One Mile below Runge Canal—Sec. 33-14-50 W.					
3- 8	R. F. Bishop	3.7	6-29	R. F. Bishop	2.6
3-15	do	1.4	7- 6	do	2.2
3-22	do	.9	7-14	do	1.8
3-31	do	5.0	7-28	do	1.6
4- 4	do	2.3	8- 3	do	1.6
4-11	do	3.4	8-11	do	.9
4-26	do	2.1	8-16	do	1.2
5- 5	do	2.2	8-25	do	.6
5-10	do	2.1	8-31	do	30.4
5-17	do	2.6	9- 7	do	1.7
5-23	do	2.5	9-12	do	2.0
6- 2	do	2.0	9-20	do	1.4
6-13	do	4.5	9-27	do	1.6
6-23	do	2.7			
LODGEPOLE CREEK					
Airport—East Line—Sec. 34-14-50 W.					
11-16	R. V. Meyers	0.0	6-23	R. F. Bishop	2.4
3- 8	R. F. Bishop	.8	6-29	do	2.4
3-15	do	.6	7- 6	do	1.5
3-22	do	.0	7-14	do	1.9
3-31	do	.0	7-28	do	.7
4- 4	do	1.7	8- 3	do	1.2
4-11	do	2.7	8-11	do	.5
4-26	do	1.5	8-16	do	.5
5- 5	do	.8	8-25	do	.5
5-10	do	1.8	8-31	do	15.7
5-17	do	1.6	9- 7	do	1.4
5-23	do	2.2	9-12	do	1.6
6- 2	do	1.9	9-20	do	1.3
6-13	do	4.5	9-27	do	1.7
LODGEPOLE CREEK					
Sidney City Park—Sec. 6-13-49 W.					
10-20	R. V. Meyers	0.0	5-10	R. F. Bishop	0.4
11-12	do	.0	5-18	do	2.6
11-16	do	.0	5-23	do	.0
11-30	do	.0	6- 2	do	.3
12-16	do	.0	6-15	do	2.2
1-11	P. D. Harrington	.0	6-23	do	.9
2- 1	R. V. Meyers	.0	6-29	do	.9
2-15	do	.0	7- 6	do	1.0
3- 8	R. F. Bishop	.0	7-29	do	.3
3-15	do	.0	8- 3	do	.7
3-22	do	.0	8-11	do	.3
3-31	do	.0	8-16	do	.0
4- 4	do	.0	8-25	do	.2
4-11	do	.0	8-31	do	20.0
4-26	do	.0	9-12	do	.0
5- 5	do	.0	9-20	do	.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Highway 19—Sec. 5-13-49 W.					
10-20	R. V. Meyers	0.0	5-18	R. F. Bishop	2.0
11- 2	do	.0	5-23	do	1.1
11-16	do	.0	6- 2	do	.3
11-30	do	.0	6- 6	do	1610.0
12-16	do	.0	6-15	do	4.1
1-13	P. D. Harrington	.0	6-23	do	1.4
2- 1	R. V. Meyers	.0	6-29	do	1.5
2-15	do	.0	7- 6	do	1.6
3- 8	R. F. Bishop	.0	7-15	do	.4
3-16	do	.0	7-29	do	.3
3-22	do	.0	8- 3	do	.7
3-31	do	13.5	8-11	do	.3
4- 4	do	.0	8-16	do	.1
4-11	do	.0	8-25	do	.1
4-26	do	.0	8-31	do	18.1
5- 5	do	.0	9- 7	do	.6
5-10	do	.0	9-20	do	.3

LODGEPOLE CREEK

Above Krueger Canal—Sec. 31-14-48 W.

10-20	R. V. Meyers	4.9	6-15	R. F. Bishop	17.2
11- 2	do	4.3	6-23	do	11.7
12- 7	do	4.4	6-29	do	9.6
12-17	do	5.8	7- 6	do	13.1
3- 8	R. F. Bishop	7.6	7-15	do	9.8
3-16	do	7.1	7-29	do	5.1
3-23	do	6.8	8- 3	do	6.0
4- 4	do	8.3	8-11	do	2.7
4-11	do	8.2	8-18	do	19.8
4-26	do	3.2	8-25	do	5.3
5- 5	do	3.8	9- 1	do	15.4
5-10	do	8.1	9- 7	do	7.1
5-19	do	15.7	9-14	do	6.2
5-25	do	10.3	9-21	do	5.8
6- 2	do	9.4	9-28	do	5.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOGGEPOLE CREEK					
Below Krueger's Lake—Sec. 29-14-48 W.					
10-20	R. V. Meyers	0.5	6- 2	R. F. Bishop	0.8
11- 2	do	.5	6-15	do	19.0
11-30	do	2.7	6-23	do	11.7
12- 7	do	3.2	6-29	do	8.7
12-17	do	3.4	7- 6	do	8.3
1-13	P. D. Harrington	.4	7-15	do	6.8
3- 8	R. F. Bishop	.2	7-29	do	2.6
3-16	do	.5	8- 3	do	1.4
3-23	do	.4	8-11	do	1.8
3-31	do	4.0	8-18	do	27.5
4- 4	do	1.3	8-25	do	3.8
4-11	do	.5	9- 1	do	15.9
4-26	do	.6	9- 7	do	7.5
5- 5	do	3.0	9-14	do	5.6
5-10	do	1.1	9-21	do	5.7
5-19	do	5.6	9-28	do	5.1
5-25	do	6.3			

LOGGEPOLE CREEK

South of Sunol—Sec. 36-14-48 W.

10-20	R. V. Meyers	0.4	5-18	R. F. Bishop	48.8
11- 2	do	.8	5-25	do	9.2
11-30	do	.9	6- 2	do	5.2
12- 7	do	.9	6-15	do	19.0
12-17	do	1.0	6-23	do	12.9
1-13	P. D. Harrington	.4	6-30	do	8.5
2- 1	R. V. Meyers	1.8	7- 6	do	11.2
2-15	do	.9	7-15	do	6.5
2-27	P. D. Harrington	2.8	7-29	do	2.2
3- 8	R. F. Bishop	1.8	8- 3	do	2.9
3-16	do	1.7	8-12	do	2.3
3-23	do	1.1	8-18	do	39.4
3-31	do	2.6	8-25	do	4.6
4- 4	do	1.3	9- 1	do	14.5
4-11	do	1.3	9- 8	do	7.7
4-26	do	1.4	9-14	do	6.6
5- 5	do	1.8	9-21	do	5.6
5-11	do	2.0	9-28	do	4.5

LOGGEPOLE CREEK

Southeast of Lodgepole—Sec. 32-14-46 W.

8-18	R. F. Bishop	14.0	9- 8	R. F. Bishop	17.9
8-26	do	6.0	9-14	do	11.4
9- 1	do	15.7	9-20	do	.8

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
West of Lodgepole—Sec. 30-14-46 W.					
10-20	R. V. Meyers	1.3	5- 5	R. F. Bishop	4.2
11- 2	do	2.4	5-11	do	7.2
11-16	do	3.4	5-18	do	38.2
11-30	do	2.8	5-25	do	15.6
12- 7	do	3.9	6- 2	do	11.9
12-17	do	2.0	6-15	do	1.5
3- 8	R. F. Bishop	10.3	6-21	do	.8
3-16	do	6.1	6-30	do	.4
3-23	do	5.6	7-15	do	17.0
3-31	do	2.7	8-18	do	4.2
4- 4	do	9.4	9-21	do	7.7
4-11	do	7.9	9-28	do	6.7
4-27	do	2.3			

LODGEPOLE CREEK

West of Lodgepole—Sec. 36-14-47 W.

6-30 R. F. Bishop 16.6

LODGEPOLE CREEK

Chappell—East Line—Sec. 21-13-45 W.

11- 2	R. V. Meyers	2.8	6- 2	R. F. Bishop	16.5
11-16	do	2.6	6- 7	do	1260.0
11-30	do	2.5	6-15	do	61.4
12- 7	do	3.7	6-21	do	42.1
12-17	do	2.3	6-30	do	28.6
2-27	P. D. Harrington	12.6	7- 7	do	19.6
3- 8	R. F. Bishop	13.6	7-15	do	21.2
3-16	do	12.8	7-29	do	14.5
3-23	do	11.4	8- 4	do	14.4
3-31	do	9.7	8-12	do	3.7
4- 4	do	22.0	8-18	do	7.8
4-11	do	17.8	8-26	do	10.4
4-29	do	10.6	9- 1	do	17.9
5- 5	do	9.3	9- 8	do	23.6
5-12	do	15.4	9-14	do	17.6
5-18	do	19.0	9-21	do	11.9
5-26	do	27.7	9-28	do	10.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Interstate Station at Ralton—East Line of NE $\frac{1}{4}$ NE $\frac{1}{4}$ —Sec. 24-12-45 W.					
10-20	R. V. Meyers	2.7	5-26	R. F. Bishop	30.6
11- 2	do	3.5	6- 2	do	23.9
11-16	do	3.2	6- 7	do	613.0
11-30	do	1.9	6-15	do	76.7
12- 7	do	3.5	6-21	do	47.7
12-17	do	4.9	6-30	do	18.6
2-27	P. D. Harrington	19.2	7- 7	do	12.6
3- 8	R. F. Bishop	15.3	7-15	do	19.4
3-16	do	12.0	7-29	do	2.4
3-23	do	11.9	8- 4	do	4.9
3-31	do	.0	8-12	do	3.0
4- 4	do	26.2	8-18	do	9.4
4-11	do	20.6	8-26	do	4.4
4-29	do	4.3	9- 1	do	33.6
5- 5	do	3.5	9- 8	do	27.6
5-12	do	8.7	9-14	do	25.8
5-18	do	24.4	9-21	do	23.5
5-19	do	85.4	9-28	do	5.0
LONERGAN CREEK, EAST					
Lemoyne—Sec. 8-15-39 W.					
10- 4	Jack Ratliff	4.6	4-15	Jack Ratliff	8.8
10-27	do	4.7	5- 9	do	8.6
11-19	P. D. Harrington	5.7	6- 9	do	4.0
12-17	Jack Ratliff	4.1	7-18	do	3.9
2- 4	Ratliff-Bishop	4.2	8-15	do	4.4
3- 5	Jack Ratliff	9.0	9- 2	do	6.5
3-16	do	5.7	9-12	do	4.8
LONERGAN CREEK, WEST					
Sec. 7-15-39 W.					
10- 4	Jack Ratliff	0.0	11-19	P. D. Harrington	0.0
LONG PINE CREEK					
Riverview—Sec. 34-32-20 W.					
9-28	W. J. Page	93.9			
LOST CREEK					
Sec. 1-16-44 W.					
3- 5	Jack Ratliff	2.1	6- 6	Jack Ratliff	0.8
3-29	do	3.8	9-19	do	.7
5- 5	do	2.6			
LOST CREEK					
Santee—Sec. 8-32-5 W.					
9-29	W. J. Page	0.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOUP RIVER, MIDDLE					
Milburn—Sec. 9-20-21 W.					
10- 5	W. J. Page	701.0	7-26	W. J. Page	614.0
10-19	C. H. Carstens	728.0	8- 9	Falk-Page	651.0
11- 2	W. J. Page	749.0	8-18	U. S. B. R.	906.0
11-16	C. E. Falk	794.0	8-22	do	653.0
11-30	Falk-Page	693.0	8-23	W. J. Page	653.0
12-14	Lind-Page	695.0	8-24	U. S. B. R.	661.0
5- 3	Falk-Page	854.0	8-29	do	750.0
5-17	J. E. Lind	885.0	9- 1	do	708.0
5-31	C. E. Falk	835.0	9- 6	do	729.0
6-14	Falk-Page	994.0	9- 8	do	768.0
6-29	Ericson-Falk	702.0	9-12	do	764.0
7-12	W. J. Page	694.0	9-20	W. J. Page	698.0
LOUP RIVER, MIDDLE					
Sargent—North Channel—Sec. 10-19-18 W.					
10- 5	J. E. Lind	326.0	11-16	C. E. Falk	343.0
10-19	W. J. Page	298.0	11-30	do	320.0
11- 2	J. E. Lind	334.0			
LOUP RIVER, MIDDLE					
Sargent—South Channel—Sec. 10-19-18 W.					
10- 5	J. E. Lind	380.0	11-16	C. E. Falk	464.0
10-19	W. J. Page	349.0	11-30	W. J. Page	393.0
11- 2	J. E. Lind	464.0			
LOUP RIVER, NORTH					
Burwell—Sec. 15-21-16 W.					
10-11	C. E. Falk	356.0	6- 6	C. E. Falk	516.0
10-25	C. H. Carstens	384.0	6-20	W. J. Page	458.0
11- 8	W. J. Page	483.0	7- 6	C. E. Falk	393.0
12- 6	C. H. Carstens	472.0	7-18	D. W. Ericson	279.0
12-20	Page-Falk	427.0	8- 1	C. E. Falk	317.0
4-25	W. J. Page	522.0	8-15	D. W. Ericson	259.0
5- 9	C. E. Falk	624.0	8-30	C. E. Falk	364.0
5-23	J. E. Lind	788.0	9-12	C. H. Carstens	521.0
5-24	Tefft-Wertenberger	631.0	9-26	Page-Falk	372.0
LOUP RIVER, NORTH					
Ord—Sec. 22-19-14 W.					
10-11	W. J. Page	809.0	6- 6	W. J. Page	798.0
10-25	do	616.0	6-21	J. E. Lind	704.0
11- 8	C. E. Falk	850.0	7- 6	Page-Falk	626.0
12- 6	Page-Carstens	824.0	7-18	W. J. Page	499.0
3-31	Bauer-Tefft	740.0	8- 1	do	393.0
4-25	J. E. Lind	395.0	8-15	do	317.0
5- 9	W. J. Page	1080.0	8-29	do	592.0
5-23	do	1320.0	9-12	do	866.0
5-25	Tefft-Wertenberger	1160.0	9-26	Page-Falk	689.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOUP RIVER, SOUTH					
Callaway—Sec. 2-15-23 W.					
10- 6	C. E. Falk	66.8	5-16	C. E. Falk	106.0
10-20	J. E. Lind	67.4	5-31	C. H. Carstens	111.0
11- 1	C. H. Carstens	73.4	6-14	J. E. Lind	153.0
11-15	W. J. Page	67.7	6-28	Ericson-Falk	79.4
12- 2	J. E. Lind	75.2	7-12	D. W. Ericson	62.0
12-15	C. E. Falk	74.2	7-27	C. E. Falk	75.5
1-14	do	70.0	8- 8	Ericson-Lind	61.0
3-22	W. J. Page	113.0	8-23	C. E. Falk	68.9
4-18	do	131.0	9- 8	D. W. Erickson	75.0
5- 2	J. E. Lind	94.6	9-21	C. E. Falk	72.6
LUCK CREEK					
Sec. 16-32-20 W.					
9-27	W. J. Page	0.0			
MEDICINE CREEK					
Above Medicine Creek Dam—Sec. 35-6-26 W.					
8-19	G. L. Whitaker	105.0	9-10	Zabel-Hartley	53.0
8-22	Whitaker-Hougnon	48.2	9-15	L. F. Zabel	51.7
8-26	J. P. Hougnon	46.6	9-22	D. T. Hartley	37.6
9- 2	Zabel-Hougnon	65.7	9-29	L. F. Zabel	48.2
MEDICINE CREEK					
Below Medicine Creek Dam—Sec. 25-5-26 W.					
8-12	G. L. Whitaker	3.3	9-22	D. T. Hartley	2.1
9- 2	Zabel-Hougnon	3.4			
MELBETA DRAIN					
One-half mile West of Melbeta Bridge—Sec. 13-21-54 W.					
10-14	P. D. Harrington	3.8	2-28	D. J. Neely	2.3
10-23	Harrington-Neely	3.3	3-14	do	2.2
11- 6	D. J. Neely	2.7	4- 4	do	2.2
2-11	do	4.5	4-19	do	2.2
MIDDLE CREEK					
Nordan—Sec. 29-33-23 W.					
7-29	W. J. Page	0.0			
MIDDLE CREEK, EAST					
Nordan—Sec. 29-33-23 W.					
7-29	W. J. Page	0.6			
MIRA CREEK					
North Loup—Sec. 26-18-13 W.					
7-14	W. J. Page	0.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MOFFAT DRAIN					
Sec. 25-22-52 W.					
6-30	D. J. Neely	0.2			
MONROE CREEK					
Below Monroe Canal—Sec. 33-33-56 W.					
4-26	C. D. Christensen	0.0	8-23	M. K. Wilgus	0.0
7-12	M. K. Wilgus	.4	9-21	Wilgus-Rasmussen	.0
7-28	do	.1			
MONROE CREEK					
Above Jordan Reservoir—Sec. 23-33-56 W.					
4-26	C. D. Christensen	0.1	8-19	M. K. Wilgus	0.0
5-17	Meyers-Rasmussen	.7	8-23	do	.1
6-28	Wilgus-Rasmussen	.5	9-19	do	.1
7-14	M. K. Wilgus	.5	9-21	do	.1
8- 2	do	.0	9-29	do	.1
MONROE CREEK					
Below A-2032—Sec. 22-33-56 W.					
5-19	Meyers-Rasmussen	0.3	8-23	M. K. Wilgus	0.0
8- 2	M. K. Wilgus	.1	9-19	do	.1
MOON CREEK					
Loup City—Sec. 10-15-15 W.					
8- 2	W. J. Page	9.9			
MORSE CREEK					
Naper—Sec. 23-34-16 W.					
9-28	W. J. Page	0.0			
MUD CREEK					
Hazard—Sec. 29-13-15 W.					
8-17	W. J. Page	12.7			
MUD CREEK					
Ansley—Sec. 16-15-18 W.					
8-23	W. J. Page	6.4			
MUDDY CREEK					
Arapahoe—Sec. 15-3-23 W.					
7-22	L. F. Zabel	3.9	9- 9	L. F. Zabel	3.7
MULESHOE CREEK					
Nordan—Sec. 22-33-24 W.					
7-29	W. J. Page	2.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MUNSON CREEK					
Elba—Sec. 33-16-11 W.					
7-14	W. J. Page	0.0			
NIOBRARA RIVER					
Wyoming-Nebraska Line—Sec. 20-31-57 W.					
11-10	Meyers-Rasmussen	5.0	7-15	M. W. Wilgus	6.4
4- 6	R. V. Meyers	13.6	8- 2	do	5.7
4-18	C. D. Christensen	10.8	8-30	do	3.8
5-24	R. V. Meyers	12.9	9- 8	do	3.0
6-15	C. D. Christensen	9.9	9-30	do	5.5
6-28	Wilgus-Rasmussen	6.6			
NIOBRARA RIVER					
South of Harrison—Sec. 9-29-56 W.					
4-18	C. D. Christensen	15.7	8- 5	M. K. Wilgus	8.3
5-24	R. V. Meyers	16.5	8-26	do	7.2
6-15	C. D. Christensen	15.3	9-15	do	14.4
7-15	M. K. Wilgus	10.4	9-30	do	8.1
NIOBRARA RIVER					
Agate—Sec. 7-28-55 W.					
10- 8	Meyers-Bishop	8.6	7-15	M. K. Wilgus	11.8
4- 6	R. V. Meyers	54.2	8- 5	do	12.8
4-19	C. D. Christensen	26.1	8-26	do	8.3
5-24	R. V. Meyers	22.5	9- 8	do	9.1
6-15	C. D. Christensen	14.6	9-29	do	9.7
NIOBRARA RIVER					
Below Mouth of Whistle Creek—Sec. 7-28-53 W.					
10- 8	Meyers-Bishop	7.1	7-19	M. K. Wilgus	8.1
4- 6	R. V. Meyers	54.5	8-10	do	15.1
4-19	C. D. Christensen	30.0	8-26	do	19.2
5-24	R. V. Meyers	22.8	9- 8	do	5.7
6-15	C. D. Christensen	21.6	9-29	do	4.1
NIOBRARA RIVER					
East of Marsland—Sec. 36-29-51 W.					
2- 7	R. V. Meyers	0.0	7-29	M. K. Wilgus	18.6
4-22	C. D. Christensen	49.7	8-17	do	16.8
5-25	R. V. Meyers	32.2	9- 7	do	15.1
6-15	C. D. Christensen	36.6	9-27	do	11.1
7-19	M. K. Wilgus	19.4			
NIOBRARA RIVER					
Highway No. 87—South of Hay Springs—Sec. 23-29-46 W.					
3-22	R. V. Meyers	96.0	7-25	M. K. Wilgus	21.2
4- 7	do	68.5	8-11	do	24.6
5-26	do	37.2	9-22	do	12.6
6-16	C. D. Christensen	31.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NIOBRARA RIVER					
Below Litche Canal—Sec. 27-29 48 W.					
4-22	C. D. Christensen	24.1			
NIOBRARA RIVER					
Below Potmeisel Diversion Dam—Sec. 26-29-48 W.					
10-27	R. V. Meyers	11.9	8-15	M. K. Wilgus	2.7
5-25	do	10.7	8-27	do	5.9
6-27	M. K. Wilgus	55.0	9-6	do	2.6
7-18	do	3.6	9-14	do	1.6
NIOBRARA RIVER					
South of Rushville—Sec. 28-30-44 W.					
4-20	C. D. Christensen	57.2	8-15	M. K. Wilgus	63.8
7-26	M. K. Wilgus	54.6	9-22	do	55.2
NIOBRARA RIVER					
Butte—Sec. 9-33-13 W.					
5-5	E. R. Leeson	1460.0			
NORTH FORK ELKHORN RIVER					
Norfolk—Sec. 23-24-1 W.					
5-4	J. D. Hungate	170.0	6-15	J. D. Hungate	188.0
5-18	do	194.0	6-29	do	118.0
6-3	do	180.0			
OAK CREEK					
Near Mariaville—Sec. 6-32-18 W.					
9-28	W. J. Page	2.2			
OAK CREEK					
Dannebrog—West Line—Sec. 9-13-11 W.					
7-7	W. J. Page	1.6			
OMAHA CREEK					
Homer—West Line—Sec. 12-27-8 E.					
10-4	J. D. Hungate	0.4	11-15	J. D. Hungate	2.3
10-18	do	.8	12-16	C. V. Burns	2.7
11-1	do	2.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
OTTER CREEK					
Lemoyne—Sec. 32-16-40 W.					
10- 4	Jack Ratliff	21.5	4-15	Jack Ratliff	22.4
10-27	do	21.0	5- 9	do	21.6
11-19	P. D. Harrington	20.3	6- 9	do	21.2
12-17	Jack Ratliff	22.0	7-18	do	17.7
2- 4	Ratliff-Bishop	22.3	8-15	do	22.2
3- 5	Jack Ratliff	24.8	9- 2	do	22.0
3-16	do	25.9	9-12	do	23.2
PAWNEE CREEK					
Sec. 4-12-27 W.					
10-22	D. B. Ender	2.9	5- 9	D. B. Ender	22.0
11- 8	do	5.0	5-23	do	29.2
11-26	do	6.7	6-13	do	11.2
12- 3	do	5.3	7-12	do	2.4
12-17	do	5.1	8- 5	do	9
2- 8	do	2.4	8-22	do	1.0
3- 7	do	23.8	9-16	do	2.6
4- 8	do	31.2	9-30	do	2.1
4-15	do	17.0			
PEMBROKE CREEK					
Sparks—Sec. 7-33-24 W.					
7-29	W. J. Page	0.8			
PINE CREEK					
Colclessor Mill—Sec. 33-30-44 W.					
10- 5	Meyers-Bishop	17.8	7-26	M. K. Wilgus	14.4
4-20	C. D. Christensen	24.4	8-18	do	17.6
6-16	do	23.1	9-22	do	17.1
PISHEL CREEK					
Pishelville—Sec. 26-32-8 W.					
9-29	W. J. Page	0.0			
PONCA CREEK					
Verdel—East Line—Sec. 25-33-8 W.					
9-29	W. J. Page	2.2			
PRAIRIE CREEK					
Grand Island—South Line—Sec. 16-12-9 W.					
7-14	W. J. Page	8.2			
PRAIRIE DOG CREEK					
Above D-508—Schilt-Prairie Dog Creek—Sec. 35-33-56 W.					
4-25	C. D. Christensen	0.1	8-30	M. K. Wilgus	0.0
7-13	M. K. Wilgus	.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PRAIRIE DOG CREEK					
Below D-508—Schilt-Prairie Dog Creek—Sec. 35-33-56 W.					
4-25	C. D. Christensen	0.0	8-30	M. K. Wilgus	0.0
7-13	M. K. Wilgus	.0			
PRAIRIE DOG CREEK					
Above Confluence with Little Red Creek—Sec. 26-33-56 W.					
8-30	M. K. Wilgus	0.0			
PRAIRIE DOG CREEK					
Sec. 17-33-55 W.					
4-25	C. D. Christensen	0.0	7-14	M. K. Wilgus	0.0
5-18	R. V. Meyers	.0	8-23	do	.0
6-28	Wilgus-Rasmussen	.0	9-19	do	.0
PROSSER CREEK					
Near Riverview—Sec. 24-33-20 W.					
9-27	W. J. Page	0.2			
PUMPKINSEED CREEK					
Gering-Kimball Highway—Sec. 4-19-55 W.					
3-10	Jack Ratliff	15.6	7-11	Jack Ratliff	2.7
4- 8	do	6.7	8-17	do	1.2
5-10	do	26.1	9-26	do	2.1
5-28	do	8.4			
PUMPKINSEED CREEK					
Above Heard Canal, North Line—Sec. 14-19-54 W.					
3-10	Jack Ratliff	19.0	7-11	Jack Ratliff	4.9
4- 8	do	10.9	8-17	do	2.7
5-10	do	5.0	9-26	do	2.6
5-28	do	4.8			
PUMPKINSEED CREEK					
Below Mutual Canal—Sec. 33-19-52 W.					
7- 9	Jack Ratliff	9.3			
PUMPKINSEED CREEK					
5 Miles South of Bridgeport—Sec. 28-19-50 W.					
3-10	Jack Ratliff	43.8	7-12	Jack Ratliff	5.8
4- 8	do	35.9	8-17	do	11.1
5-11	do	31.3	9-26	do	8.6
5-28	do	32.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PUMPKINSEED CREEK					
North of Redington—Sec. 25-19-52 W.					
3-10	Jack Ratliff	27.4	5-28	Jack Ratliff	17.2
4- 8	do	24.0	8-17	do	7.5
5-10	do	15.2	9-26	do	7.7
RAWHIDE CREEK					
Sec. 5-16-10 E.					
5-26	W. J. Page	17.5			
RAWHIDE CUT-OFF					
Elk City—West Line—Sec. 4-16-10 E.					
5-26	W. J. Page	16.4			
REDBIRD CREEK					
Redbird—East Line—Sec. 11-32-10 W.					
9-30	W. J. Page	17.8			
RED CREEK, LITTLE					
Above Confluence with Prairie Dog Creek—Sec. 26-33-56 W.					
7-13	M. K. Wilgus	0.2	8-30	M. K. Wilgus	0.0
RED CREEK, LITTLE					
Below Zerbst Canal—Sec. 34-33-56 W.					
4-25	C. D. Christensen	0.0	8-30	M. K. Wilgus	0.0
7-13	M. K. Wilgus	.0			
RED WILLOW CREEK					
North of McCook—Sec. 6-4-29 W.					
5-13	L. F. Zabel	59.0	9-14	L. F. Zabel	18.6
7-29	do	16.0			
REPUBLICAN RIVER, NORTH FORK					
Near Haigler—Sec. 27-1-41 W.					
8- 9	L. F. Zabel	4.0	9-13	D. T. Hartley	45.0
8-23	A. E. Hulme	22.9			
REPUBLICAN RIVER, NORTH FORK					
Below Haigler Canal—Sec. 2-1-43 W.					
8- 9	A. E. Hulme	0.0	9-13	L. F. Zabel	24.2
8-23	L. F. Zabel	8.5			
REPUBLICAN RIVER					
Max—Sec. 32-2-36 W.					
7- 6	L. F. Zabel	82.8	9-27	L. F. Zabel	80.5
8- 9	do	.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
REPUBLICAN RIVER					
McCook—Sec. 32-3-29 W.					
7- 6	L. F. Zabel	158.0	9-14	L. F. Zabel	205.0
8- 9	do	.0			
RICKMAN CREEK					
Riverview—South Line—Sec. 15-32-20 W.					
9-27	W. J. Page	0.0			
ROCK CREEK					
Meadville—Sec. 12-32-22 W.					
7-29	W. J. Page	1.0	9-27	W. J. Page	1.1
ROCK CREEK					
Mariaville—Sec. 29-32-18 W.					
9-28	W. J. Page	4.0			
ROCK CREEK					
Rockville—Sec. 5-13-13 W.					
8-31	W. J. Page	0.0			
ROCK CREEK					
Greenwood—Sec. 35-12-8 E.					
5-27	W. J. Page	1170.0			
ROPE CREEK					
Three-fourths mile West of Alma—Sec. 25-2-19 W.					
5-25	L. F. Zabel	2.0	7-28	L. F. Zabel	0.3
6-29	do	1.0	9- 9	do	.2
SALT CREEK					
Lincoln—Sec. 7-10-7 E.					
6-24	Jones-Schaefer	1340.0	8- 5	Bohner-Burmeister	77.2
6-29	Leeson-Burns	5520.0	8-26	I. L. Burmeister	43.4
7- 7	G. D. Jones	116.0	9- 8	G. E. Philipsen	200.0
7-15	do	201.0	9-22	C. V. Burns	62.3
7-22	do	102.0			
SAND CREEK					
Below Bendix Canal—Sec. 33-33-53 W.					
5-11	R. V. Meyers	0.0	8- 1	M. K. Wilgus	0.0
6- 9	do	.0	8-17	do	.0
6-30	M. K. Wilgus	.0	8-29	do	.0
7-20	do	.0	9-10	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SAND CREEK					
Above New Highway—Sec. 34-16-40 W.					
10- 4	Jack Ratliff	2.4	4-15	Jack Ratliff	4.9
10-27	do	4.0	5- 9	do	3.3
11-19	P. D. Harrington	4.1	6- 9	do	3.4
12-17	Jack Ratliff	4.4	7-18	do	4.0
2- 4	Ratliff-Bishop	3.9	8-15	do	2.7
3- 4	Jack Ratliff	4.8	9- 2	do	3.0
3-16	do	4.8	9-12	do	5.1
SANDY CREEK, BIG					
Butte—Sec. 12-33-14 W.					
9-28	W. J. Page	27.6			
SANDY CREEK, LITTLE					
Butte—Sec. 18-33-13 W.					
9-28	W. J. Page	3.4			
SARBEN SLOUGH					
Sec. 20-14-35 W.					
10- 7	J. H. Hintz	8.2	7- 6	J. H. Hintz	6.8
10-28	do	8.3	7-13	do	7.2
12- 2	do	8.4	7-28	do	7.3
12-16	do	8.1	8- 5	do	8.1
2-24	do	12.6	8-11	do	7.0
4-16	do	8.3	8-25	do	9.4
4-22	do	6.8	9- 1	do	3.0
5- 6	do	7.4	9- 7	do	8.7
5-13	do	7.0	9-14	do	8.1
5-23	do	9.1	9-21	do	7.6
6-22	do	8.2	9-28	do	8.4
6-30	do	6.9			
SCHINDLER CREEK					
Pishelville—Sec. 11-31-7 W.					
9-29	W. J. Page	1.8			
SCOTTSBLUFF DRAIN NO. 1					
Sec. 25-22-55 W.					
10-12	P. D. Harrington	16.5	4-19	D. J. Neely	5.2
11- 5	D. J. Neely	11.8	5- 9	do	7.3
1-22	Neely-Meyers	8.4	5-23	do	7.0
2- 7	D. J. Neely	6.4	6-20	do	7.7
2-28	do	6.2	7-12	do	12.1
3-15	do	6.4	8- 1	do	12.4
3-30	do	5.8			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SCOTTSBLUFF DRAIN NO. 2					
Sec. 34-22-54 W.					
10-12	P. D. Harrington	3.5	4-19	D. J. Neely	1.9
11- 8	D. J. Neely	2.1	5- 9	do	4.8
12-16	do	1.6	5-23	do	4.4
1-22	Neely-Meyers	.7	6-20	do	4.1
2- 7	D. J. Neely	.8	7-12	do	6.4
2-28	do	1.6	8- 1	do	7.4
3-15	do	2.2	9-27	do	6.4
3-28	do	1.5			

SCOUT CREEK

North Platte—Sec. 20-14-30 W.

10- 4	J. H. Hintz	25.4	6- 1	J. H. Hintz	0.4
10-11	do	19.7	6- 7	do	13.9
10-22	do	1.4	6-23	do	8.4
11- 1	do	.6	6-29	do	17.0
11-15	do	.5	7- 7	do	25.6
3- 7	do	2.7	7-14	do	22.3
3-15	do	.9	7-20	do	28.1
3-21	do	2.6	7-26	do	.9
3-29	do	4.4	8- 9	do	2.2
4- 5	do	13.1	8-23	do	12.7
4-13	do	6.7	8-30	do	34.6
4-21	do	4.2	9- 5	do	31.6
5- 2	do	.2	9-13	do	16.4
5- 9	do	13.4	9-19	do	6.8
5-24	do	3.5	9-27	do	30.2

SHELDON DRAIN DITCH

Sec. 14-11-26 W.

10-21	D. B. Ender	7.7	7-11	D. B. Ender	7.3
11- 8	do	7.9	8- 4	do	8.2
4-12	do	11.7	8-30	do	8.0
3- 1	do	8.6	9-13	do	3.0
6-21	do	11.0	9-27	do	7.7

SHELL CREEK

Schuyler—South Line—Sec. 1-17-3 E.

5-26 W. J. Page

112.0

SHEPHERD CREEK

Near North Loup—Sec. 30-18-12 W.

7-14 W. J. Page

0.0

SILVER CREEK

Grand Island—West Line—Sec. 28-12-9 W.

7-14 W. J. Page

0.6

9-30 W. J. Page

0.0

8- 9

do

.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SILVER CREEK					
Silver Creek—Sec. 33-16-3 W.					
5-26	W. J. Page	44.4			
SILVERNAIL DRAIN					
Sec. 6-19-49 W.					
10-18	Jack Ratliff	7.3	5-11	Jack Ratliff	4.8
11-17	P. D. Harrington	7.2	5-24	do	8.5
11-23	Ratliff-Meyers	6.1	6- 6	do	17.6
12-17	Jack Ratliff	5.5	6-22	do	36.7
2- 4	Ratliff-Bishop	4.6	7- 6	do	21.3
2-26	Jack Ratliff	5.9	7-23	do	20.3
3- 7	do	7.0	8-11	do	12.3
4- 7	do	5.6	8-25	do	10.8
5- 3	do	5.0	9-17	do	14.8
SIMPSON CREEK					
East Line—Sec. 27-33-17 W.					
9-28	W. J. Page	0.0			
SKUNK CREEK					
Sec. 1-14-37 W.					
10- 7	J. H. Hintz	2.4	5-23	J. H. Hintz	2.3
10-28	do	2.7	6-25	do	2.1
12- 3	do	2.6	7-18	do	2.7
12-16	do	2.7	8-26	do	2.2
3-16	do	2.7	9-16	do	2.6
4-22	do	2.6	9-30	do	2.6
5- 6	do	3.2			
SNAKE CREEK					
From Drain—Sec. 1-24-47 W.					
7-11	R. F. Bishop	2.1			
SNAKE CREEK					
Alliance-Bridgeport Highway—Sec. 17-24-48 W.					
6-11	R. V. Meyers	10.0	8-19	R. F. Bishop	0.0
6-27	P. D. Harrington	1.3	9- 2	do	.0
7-11	R. F. Bishop	.0	9-16	do	.0
8- 5	do	.0	9-30	do	.0
SNAKE CREEK					
Sec. 29-24-47 W.					
6-15	P. D. Harrington	21.6	9-30	R. F. Bishop	1.8
7-11	R. F. Bishop	1.8			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SNAKE CREEK					
Sec. 19-24-47 W.					
6-15	P. D. Harrington	0.6			
SNAKE CREEK					
West of Air Base—Sec. 28-24-47 W.					
6-15	P. D. Harrington	7.2			
SNAKE CREEK					
West Line—Sec. 12-24-48 W.					
6-15	P. D. Harrington	2.4			
SNAKE CREEK					
Crossing Highway No. 2—Sec. 7-24-45 W.					
6-14	C. D. Christensen	19.6	7-11	R. F. Bishop	0.0
6-15	P. D. Harrington	11.1			
SNAKE CREEK					
Sec. 12-24-48 W.					
6-15	P. D. Harrington	5.1			
SNAKE CREEK					
Sec. 6-24-49 W.					
6-17	C. D. Christensen	3.6			
SNAKE CREEK					
Above Elmore Reservoir—Sec. 32-25-51 W.					
6-14	C. D. Christensen	6.2	9-2	R. F. Bishop	2.2
7-11	R. F. Bishop	2.8	9-16	do	1.9
8-5	do	1.4	9-30	do	2.2
8-19	do	2.1			
SNAKE CREEK					
Below Elmore Reservoir—Sec. 6-24-51 W.					
6-17	C. D. Christensen	3.5	8-4	R. F. Bishop	0.0
SOLDIER CREEK					
Above Ft. Robinson Reservoir—Sec. 3-31-53 W.					
11-10	Meyers-Rasmussen	2.9	7-8	M. K. Wilgus	1.3
4-12	R. V. Meyers	4.4	8-1	do	1.9
5-11	do	4.3	8-12	do	1.9
6-25	M. K. Wilgus	2.5	9-7	do	2.3
SOW BELLY CREEK					
Below Canals—Sec. 17-33-55 W.					
6-28	Wilgus-Rasmussen	1.7	8-23	M. K. Wilgus	0.0
7-14	M. K. Wilgus	1.7	9-19	do	.0
7-28	do	.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SOW BELLY CREEK					
Below Zimmerman Canal—Sec. 34-33-55 W.					
4-26	C. D. Christensen	0.5	7-28	M. K. Wilgus	1.6
6-28	Wilgus-Rasmussen	3.2	8-19	do	1.8
7-14	M. K. Wilgus	2.9	9-19	do	.2
SOW BELLY CREEK					
Sec. 5-32-55 W.					
6-28	Wilgus-Rasmussen	1.7	8-19	M. K. Wilgus	2.2
7-14	M. K. Wilgus	2.6	9-19	do	2.0
7-28	do	1.2			
SPOTTED TAIL CREEK					
Brocksburg—Sec. 9-34-17 W.					
9-28	W. J. Page	0.0			
SPOTTED TAIL CREEK, WET					
Sec. 6-22-55 W.					
12- 4	Neely-Bishop	12.8	5-31	D. J. Neely	13.6
12-16	D. J. Neely	13.3	6-17	do	13.1
1-22	Neely-Meyers	1.2	6-28	do	14.0
2- 7	D. J. Neely	10.1	7-12	do	14.0
2-28	do	10.2	7-26	do	10.8
3-16	do	11.3	8- 9	do	17.2
3-28	do	10.9	8-23	do	16.5
4-20	do	11.3	9-15	do	15.9
5- 3	do	10.4	9-26	do	16.0
5-16	do	12.1			
SPRING CREEK					
Wyoming-Nebraska Line—Sec. 4-23-58 W.					
3- 4	R. V. Meyers	10.8	4- 7	D. J. Neely	5.8
3-10	D. J. Neely	11.4	4-14	do	7.7
3-17	do	9.0	4-21	do	5.1
3-23	do	9.0	5- 3	P. D. Harrington	7.1
3-31	do	6.2	5-24	do	7.1
SPRING CREEK					
Tributary to Sow Belly Creek—Sec. 34-33-55 W.					
7-28	M. K. Wilgus	0.0	9-19	M. K. Wilgus	0.0
8-19	do	.0			
SPRING CREEK					
Tributary to Little Cottonwood Creek—Sec. 13-32-52 W.					
7-20	M. K. Wilgus	0.6	8-29	M. K. Wilgus	0.5
8-11	do	.5	9-10	do	.5

REPORT OF THE STATE ENGINEER

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SPRING CREEK					
Mills—South Line—Sec. 4-34-18 W.					
9-28	W. J. Page	8.1			
SPRING CREEK					
Sumter—Sec. 21-19-13 W.					
7-14	W. J. Page	9.0			
SQUAW CREEK					
Below Shepherd Canal—Sec. 36-34-57 W.					
7-14	M. K. Wilgus	0.0	8-23	M. K. Wilgus	0.0
8- 2	do	.0	9-21	do	.0
SQUAW CREEK					
Above McDowell Reservoir—Sec. 12-31-52 W.					
10- 7	Meyers-Bishop	0.0	6-24	Christensen-Wilgus	0.4
11-11	R. V. Meyers	.0	7- 8	M. K. Wilgus	.2
12-21	do	.6	7-22	do	.0
3-28	do	1.1	8- 3	do	.0
4-12	do	.4	8-17	do	.0
5-10	do	.7	9-13	do	.0
6- 9	do	1.0			
SQUAW CREEK					
Below McDowell Reservoir—Sec. 1-31-52 W.					
11-11	R. V. Meyers	0.0	7-22	M. K. Wilgus	0.2
3-28	do	3.7	8- 3	do	.1
5-10	do	.2	8-17	do	.1
6-24	Christensen-Wilgus	.2	9-13	do	.2
7- 8	M. K. Wilgus	.4			
SQUAW CREEK					
Pishelville—Sec. 7-32-8 W.					
9-29	W. J. Page	2.3			
STEEL CREEK					
Pishelville—East Line—Sec. 18-32-8 W.					
9-29	W. J. Page	9.6			
STINKING WATER CREEK					
North of Wauneta—Sec. 17-6-35 W.					
10- 4	L. F. Zabel	13.6	11-15	Zabel-Hartley	24.8
10-11	do	15.7	11-30	L. F. Zabel	29.8
10-18	do	17.9	12- 7	do	18.4
10-25	do	20.6	12-13	do	29.2
11- 2	do	23.8	12-20	do	20.9
11- 8	do	25.4	12-27	do	29.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
STINKING WATER CREEK					
Palisade—Sec. 25-5-34 W.					
5-24	L. F. Zabel	66.0	9-14	L. F. Zabel	31.1
7-12	do	33.4			
STREVER CREEK					
South of Overton—Sec. 1-8-20 W.					
10-14	D. B. Ender	5.7	2-10	D. B. Ender	1.3
10-28	do	2.9	3-17	do	22.0
12-14	do	5.0	4-6	Ender-Mathieu	60.5
SWEET AND CHERRY CREEKS					
Cairo—South Line—Sec. 13-12-13 W.					
7-29	W. J. Page	0.0	8-31	W. J. Page	0.0
8-24	do	.0			
THOMAS CREEK					
Riverview—Sec. 20-32-20 W.					
9-27	W. J. Page	0.0			
TRUNK BUTTE CREEK					
Sec. 25-33-50 W.					
10-7	Meyers-Bishop	0.0	3-28	R. V. Meyers	5.2
11-11	R. V. Meyers	.0	5-10	do	3.1
12-22	do	.0			
TUB SPRINGS					
Above Enterprise Canal—Sec. 33-32-55 W.					
5-3	D. J. Neely	30.8	7-26	D. J. Neely	28.6
5-10	do	35.4	8-2	do	73.7
5-17	do	43.5	8-8	do	33.5
5-24	do	40.5	8-15	do	76.2
6-2	do	45.2	8-23	do	33.4
6-14	do	51.5	8-30	do	37.0
6-21	do	54.9	9-8	do	131.0
6-28	do	25.9	9-14	do	45.7
7-5	do	31.7	9-21	do	44.4
7-13	do	70.4	9-28	do	44.5
7-19	do	28.0			
TURKEY CREEK					
Meadville—South Line—Sec. 36-33-23 W.					
7-29	W. J. Page	1.6			
TURKEY CREEK					
Dannebrog—West Line—Sec. 26-14-11 W.					
7-7	W. J. Page	0.0	8-25	W. J. Page	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
TURTLE CREEK					
Elyria—Sec. 31-20-14 W.					
7-18	W. J. Page	2.2	9-19	W. J. Page	2.0
VERDIGRIS CREEK					
Sec. 8-31-6 W.					
9-29	W. J. Page	98.2			
VICTORIA CREEK					
Gates—East Line—Sec. 2-19-21 W.					
7-12	W. J. Page	5.4	8-9	W. J. Page	3.2
7-26	do	5.2	9-20	do	3.9
VICTORIA CREEK					
Below Dam—Sec. 6-19-20 W.					
7-12	W. J. Page	3.4	9-20	W. J. Page	4.8
8-9	do	2.4			
WAGNER CREEK					
Comstock—West Line—Sec. 3-18-17 W.					
8-2	W. J. Page	0.3			
WAHOO CREEK					
Ashland—West Line—Sec. 36-13-9 E.					
5-27	W. J. Page	420.0			
WALLACE CREEK					
Scotia—South Line—Sec. 3-17-12 W.					
7-14	W. J. Page	3.4			
WALNUT RUN CREEK					
Franklin—Sec. 32-2-14 W.					
5-26	L. F. Zabel	0.5	7-29	L. F. Zabel	0.0
6-29	do	.7	9-9	do	.1
WARBONNET CREEK					
Above Warbonnet Canal—Sec. 21-33-56 W.					
4-26	C. D. Christensen	2.9	7-28	M. K. Wilgus	0.5
5-18	R. V. Meyers	3.9	8-23	do	.6
7-13	M. K. Wilgus	1.4	9-19	do	1.3
WARBONNET CREEK					
Below Warbonnet Canal—Sec. 20-33-56 W.					
4-26	C. D. Christensen	1.2	8-23	M. K. Wilgus	0.0
7-12	M. K. Wilgus	1.4	9-19	do	.0
8-2	do	1.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WENTWORTH CREEK					
Riverview—Sec. 24-32-20 W.					
9-27	W. J. Page	0.0			
WHISKEY CREEK					
Lynch—Sec. 15-33-10 W.					
9-29	W. J. Page	0.3			
WHISTLE CREEK					
Sec. 12-28-54 W.					
7-19	M. K. Wilgus	0.0	9-8	M. K. Wilgus	0.0
8-10	do	.0	9-29	do	.0
8-26	do	.0			
WHITE CLAY CREEK					
Crawford—Sec. 2-31-52 W.					
12-21	R. V. Meyers	1.8	7-8	M. K. Wilgus	0.8
3-28	do	5.5	7-22	do	.6
4-12	do	3.2	8-3	do	.4
5-10	do	2.7	8-12	do	1.0
6-7	do	2.3	9-13	do	1.7
6-24	Christensen-Wilgus	2.2			
WHITE CLAY CREEK					
Above Whitney Diversion—Sec. 26-32-52 W.					
12-21	R. V. Meyers	4.1	6-9	R. V. Meyers	5.0
2-24	do	15.5	6-24	Christensen-Wilgus	2.0
3-2	R. F. Bishop	5.3	7-8	M. K. Wilgus	.4
3-9	R. V. Meyers	7.1	7-22	do	.4
3-25	do	3.6	8-3	do	.2
4-6	do	3.8	8-17	do	1.4
4-14	do	4.1	9-13	do	1.2
5-9	do	4.3			
WHITE CLAY CREEK					
Above Junction with Larabee Creek—Sec. 6-34-44 W.					
10-5	Meyers-Bishop	2.2	6-2	R. V. Meyers	4.9
10-27	R. V. Meyers	4.0	7-26	M. K. Wilgus	3.5
3-23	do	8.6	8-18	do	3.1
5-3	do	8.1	9-22	do	2.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WHITE HORSE CREEK					
Gannett—Sec. 5-13-29 W.					
10-22	D. E. Ender	8.0	5- 9	D. E. Ender	61.7
11- 8	do	11.2	5-23	do	77.1
11-26	do	21.2	6- 4	do	15.8
12- 3	do	15.3	6-20	do	13.0
12-17	do	14.8	7- 9	do	22.8
2- 8	do	11.8	8- 5	do	3.9
3-11	do	29.4	8-22	do	5.7
4- 9	do	86.9	9-16	do	8.0
4-15	do	37.1	9-30	do	8.2
WHITE RIVER					
Sec. 1-31-52 W.					
6-29	M. K. Wilgus	23.0			
WHITE RIVER					
Above Whitney Diversion—Sec. 26-32-52 W.					
11- 8	R. V. Meyers	24.2	7- 5	M. K. Wilgus	23.7
12-21	do	36.2	7-21	do	15.0
3- 9	do	33.1	8- 3	do	16.7
3-29	do	33.4	8-12	do	11.2
4-14	do	20.2	9- 2	do	14.8
5- 9	do	30.5	9-26	do	15.9
6-20	Christensen-Wilgus	21.1			
WHITE RIVER					
Below Whitney Diversion—Sec. 26-32-52 W.					
11- 8	R. V. Meyers	7.2	7- 5	M. K. Wilgus	25.1
12-21	do	6.0	7-21	do	12.3
3- 9	do	30.7	8- 3	do	1.0
4-14	do	16.8	8-12	do	2.8
5- 9	do	23.2	9- 2	do	14.3
6-20	Christensen-Wilgus	9.9	9-26	do	2.6
WHITE TAIL CREEK					
Sec. 36-15-38 W.					
10- 1	J. H. Hintz	27.6	6- 6	J. H. Hintz	30.2
10-29	do	24.2	6-24	do	29.7
11-16	do	27.5	7-11	do	28.8
12- 3	do	29.9	7-18	do	25.4
12-16	do	29.6	8- 5	do	27.4
2-11	do	35.2	8-12	do	24.8
3-22	do	29.9	8-26	do	25.8
4- 4	do	32.5	9- 2	do	27.0
5- 3	do	29.2	9-16	do	23.4
5-11	do	28.5	9-23	do	27.2
5-26	do	29.4	9-30	do	28.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WIGGLE CREEK					
Loup City—Sec. 7-14-14 W.					
8-2	W. J. Page	0.0	8-16	W. J. Page	0.0
WILLOW CREEK					
Guide Rock—Sec. 1-1-10 W.					
5-25	L. F. Zabel	1.0	7-23	L. F. Zabel	0.7
6-29	do	1.3	9-9	do	1.0
WILLOW CREEK					
Near Long Pine—Sec. 25-30-21 W.					
9-28	W. J. Page	0.0			
WILLOW CREEK					
Near Mariaville—Sec. 6-32-17 W.					
9-28	W. J. Page	1.3			
WOOD RIVER					
Grand Island—Sec. 29-11-9 W.					
5-20	C. H. Carstens	53.8	7-23	Carstens-Proal	11.2
6-9	Carstens-Lind	1260.0	8-11	D. W. Ericson	4.7
6-11	Carstens-Page	1910.0	8-26	C. E. Falk	.9
6-24	J. E. Lind	36.0	9-22	W. J. Page	4.6
7-5	Ericson-Carstens	34.0	9-29	C. H. Carstens	1.9
WOOD RIVER					
Chapman—Sec. 19-12-7 W.					
5-20	Carstens-Lind	33.2	8-11	D. W. Ericson	13.5
6-24	J. E. Lind	124.0	8-26	Falk-Ericson	9.4
7-5	D. W. Ericson	56.2	9-29	C. H. Carstens	16.0
7-26	Carstens-Proal	22.1			
WOOD RIVER					
Below Grand Island Disposal Plant—Sec. 12-11-9 W.					
5-20	Carstens-Lind	74.8	7-26	Carstens-Proal	28.9
6-24	J. E. Lind	111.0	8-26	Falk-Ericson	13.5
7-5	C. H. Carstens	53.8	9-29	C. H. Carstens	9.9
WYMAN CREEK					
Near Riverview—Sec. 19-32-19 W.					
9-29	W. J. Page	0.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ALLIANCE DRAIN					
Sec. 20-22-53 W.					
10-11	D. J. Neely	16.3	6-13	D. J. Neely	0.4
10-28	do	15.3	6-19	do	3.6
11-12	C. D. Christensen	10.5	6-26	do	3.8
11-25	D. J. Neely	10.1	7- 3	do	2.0
12-15	do	8.2	7-10	do	1.0
12-29	do	7.6	7-17	do	5.4
1-20	do	7.8	7-24	do	13.9
2- 2	do	6.2	7-31	do	4.4
2-28	do	8.0	8- 7	do	9.9
3-10	do	3.7	8-14	do	15.9
3-22	do	4.3	8-21	do	13.8
4-21	do	9.4	8-28	do	20.9
5-11	do	7.3	9-11	do	22.2
5-23	do	1.0	9-20	do	22.2
6- 5	do	3.8	9-27	do	21.0
ANTELOPE CREEK					
North Line—Sec. 32-33-41 W.					
11- 2	M. K. Wilgus	0.3	5-18	M. K. Wilgus	2.3
3-13	do	.3	9-27	do	.1
4-20	do	1.8			
ANTELOPE CREEK					
Sec. 21-32-40 W.					
11- 2	M. K. Wilgus	1.0	7-28	M. K. Wilgus	1.1
4-20	do	2.4	9-27	do	1.3
5-18	do	3.2			
ANTELOPE CREEK					
Below D-537—Sec. 26-34-57 W.					
5-12	M. K. Wilgus	0.1	7- 6	M. K. Wilgus	0.0
6-23	do	.0	8-30	do	.0
ANTELOPE CREEK					
Sec. 6-34-54 W.					
7-28	M. K. Wilgus	0.3			
APPLEGATE DRAIN					
Sec. 31-14-33 W.					
10-11	J. H. Hintz	50.3	12- 1	J. H. Hintz	48.1
10-27	do	46.0	12-14	do	48.8
11- 3	do	43.9	1-20	do	49.3
11-16	do	44.0	2- 8	do	48.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
APPLEGATE DRAIN					
Sec. 31-14-33 W.					
2-24	J. H. Hintz	53.2	7- 6	J. H. Hintz	44.9
3- 6	do	53.7	7-20	do	48.9
3-23	do	51.0	8- 3	do	60.1
4-20	do	47.7	8-24	do	56.0
5-12	do	50.0	9-13	do	61.9
6- 1	do	44.6	9-28	do	64.4
6-15	do	43.1			
ASH CREEK					
Sec. 7-32-50 W.					
11- 8	M. K. Wilgus	0.6	5-22	M. K. Wilgus	0.5
12-14	do	.9	6- 6	do	.4
1- 5	do	1.1	6-26	do	1.2
2- 3	do	2.7	7-17	do	2.2
2-28	do	5.0	8-14	do	.5
3-14	do	1.7	9- 5	do	1.1
4- 6	do	3.5	9-22	do	2.4
5- 4	do	5.4			
ASH CREEK					
Near Lewellen—Sec. 10-16-42 W.					
5-17	Jack Ratliff	1.9			
ASH CREEK					
Wolford Dam Site—Sec. 10-16-42 W.					
5-17	Jack Ratliff	3.0			
ASH CREEK, EAST					
Above Barron Canal—Sec. 32-32-50 W.					
11- 8	M. K. Wilgus	1.5	5- 22	M. K. Wilgus	3.0
12-14	do	.8	6- 6	do	1.6
1- 5	do	6	6-26	do	1.3
2- 3	do	2.5	7-17	do	1.0
2-28	do	3.2	7-24	do	.6
3-14	do	5.6	8-14	do	.2
4- 6	do	2.8	9- 5	do	.8
5- 4	do	2.4	9-22	do	.5
ASH CREEK, WEST					
Sec. 36-32-51 W.					
11- 8	M. K. Wilgus	1.6	6-26	M. K. Wilgus	0.8
3-14	do	2.5	7-17	do	.5
4- 6	do	1.7	7-24	do	1.2
5- 4	do	1.9	8-14	do	.5
5-22	do	1.2	9- 5	do	.2
6- 6	do	1.2	9-22	do	1.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BALD DRAIN					
Sec. 32-23-56 W.					
10-13	D. J. Neely	10.7	2-7	D. J. Neely	4.4
10-27	do	7.7	3-21	do	3.7
11-18	C. D. Christensen	5.0	4-13	do	3.5
12-2	D. J. Neely	4.9	5-10	do	3.4
12-22	do	3.9	6-15	do	8.1
1-11	do	3.2	7-20	do	33.9
1-26	do	3.6			
BEAN CREEK					
Near Elyria—Sec. 10-20-15 W.					
6-26	W. J. Page	0.4			
BEAR CREEK					
North of Merriman—Sec. 8-34-37 W.					
11-2	M. K. Wilgus	3.7	6-15	Wilgus-Rasmussen	5.0
3-13	do	5.3	7-26	M. K. Wilgus	1.3
4-20	do	6.8	9-27	do	3.0
5-18	do	5.3			
BEAR CREEK					
Sec. 16-34-37 W.					
11-2	M. K. Wilgus	1.6	5-18	M. K. Wilgus	6.4
3-13	do	5.5	7-28	do	.0
4-20	do	12.0	9-27	do	.0
BEAR CREEK					
Above Cole Dam—SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-34-37 W.					
11-2	M. K. Wilgus	2.3	6-15	Wilgus-Rasmussen	0.8
3-13	do	2.2	7-28	M. K. Wilgus	1.4
4-20	do	15.6	9-27	do	.1
5-18	do	12.5			
BEAR CREEK					
Eli—Sec. 25-34-36 W.					
11-2	M. K. Wilgus	6.0	6-15	Wilgus-Rasmussen	8.9
3-13	do	10.8	7-28	M. K. Wilgus	2.8
4-20	do	24.3	9-27	do	2.2
5-18	do	20.7			
BEAVER CREEK					
Sec. 29-34-46 W.					
4-21	Wilgus-Rasmussen	2.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BEAVER CREEK, LITTLE					
Sec. 33-34-46 W.					
4-21	Wilgus-Rasmussen	0.2			
BLUE CREEK					
Above Paisley Canal—Sec. 28-17-42 W.					
4-18	Jack Ratliff	94.2	6-28	Jack Ratliff	82.2
4-26	do	88.1	7-3	P. D. Harrington	101.0
5-2	do	88.8	7-5	do	95.5
5-11	do	89.5	7-10	Jack Ratliff	84.8
6-6	do	91.5	7-17	do	87.8
6-15	do	89.6			
BOGGY CREEK					
Below Wickersham Diversion Dam—Sec. 31-33-54 W.					
11-4	M. K. Wilgus	0.2	6-23	M. K. Wilgus	.0
1-10	do	.0	7-26	do	.0
2-21	do	.0	8-15	do	.0
3-23	do	.0	8-30	do	.0
4-7	do	.0	9-28	do	.1
5-12	do	.0			
BORDEAUX CREEK, BIG					
Below Thomas Canal—Sec. 34-34-48 W.					
11-1	M. K. Wilgus	4.5	7-27	M. K. Wilgus	12.3
11-15	do	6.1	8-7	do	4.4
6-20	do	4.5	8-22	do	3.0
6-29	do	2.8	9-19	do	4.1
BORDEAUX CREEK, LITTLE					
Below Hartzel Canal—Sec. 13-33-48 W.					
11-1	M. K. Wilgus	2.5	5-3	M. K. Wilgus	3.4
11-15	do	2.8	5-22	do	4.3
12-23	do	2.8	6-20	do	1.3
1-13	do	5.1	6-29	do	2.3
2-3	do	3.6	7-27	do	3.5
2-24	do	3.4	8-7	do	1.2
3-22	do	3.6	8-22	do	1.3
4-4	do	3.5	9-19	do	1.0
BORDEAUX CREEK, BIG					
Chadron—Sec. 14-33-48 W.					
11-1	M. K. Wilgus	3.0	5-3	M. K. Wilgus	4.1
11-15	do	3.0	5-22	do	4.3
12-23	do	2.8	6-20	do	3.2
1-13	do	4.8	6-29	do	2.7
2-3	do	3.7	7-27	do	1.8
2-24	do	4.5	8-7	do	1.6
3-22	do	3.7	8-22	do	1.4
4-4	do	2.5	9-19	do	2.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BOX BUTTE CREEK					
Sec. 36-29-46 W.					
6-14	M. K. Wilgus	2.7	6-30	M. K. Wilgus	0.3
BUFFALO CREEK					
Near Elm Creek—Sec. 33-9-18 W.					
10-13	D. B. Ender	7.2	1-11	D. B. Ender	3.6
11- 3	do	2.2	3- 2	do	5.9
11-17	do	2.3	3-16	do	1.1
12- 1	do	2.5	3-30	do	8.1
12-29	do	2.4			
BULL DRAIN					
Near Maxwell—Sec. 20-13-28 W.					
10-21	D. B. Ender	2.8	5- 1	D. B. Ender	3.2
11-25	do	2.2	5- 9	do	4.8
12-16	do	1.5	5-17	do	2.7
1- 7	do	2.0	5-27	do	6.3
1-16	do	1.0	6-13	do	1.0
1-23	do	1.5	6-28	do	1.7
2-20	do	5.1	7-17	do	.5
3- 6	do	3.7	8- 2	do	1.0
3-17	do	5.0	8-16	do	1.5
3-31	do	4.7	8-30	do	3.6
4- 7	do	4.7	9-20	do	3.8
4-17	do	4.2			
CEDAR BRANCH CREEK					
Near Nevins—Sec. 17-14-35 W.					
10-27	J. H. Hintz	1.7	5-19	J. H. Hintz	1.9
11-18	do	2.1	6- 8	do	1.8
12-13	do	2.1	6-29	do	2.5
1-11	do	1.9	7-13	do	2.3
2-11	do	1.8	7-27	do	2.1
2-27	do	1.9	8-17	do	1.8
3-25	do	2.0	9- 7	do	1.7
4-14	do	2.0	9-21	do	2.0
4-27	do	1.8			
CEDAR CREEK					
Above Schilt-Cedar Creek Canal—Sec. 35-33-56 W.					
3- 9	M. K. Wilgus	0.1	6-12	Wilgus-Rasmussen	0.0
4-27	Wilgus-Rasmussen	.0	8-31	do	.0
CEDAR CREEK					
Sec. 11-18-48 W.					
10-10	Jack Ratliff	22.0	11-21	R. F. Bishop	9.4
10-11	do	12.8	11-28	Jack Ratliff	14.6
10-31	do	12.5	12- 5	do	11.0
11-14	R. F. Bishop	9.2	12-19	Ratliff-Bishop	17.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CEDAR CREEK					
Sec. 11-18-48 W.					
12-28	Ratliff-Christensen	12.5	2- 6	Jack Ratliff	15.3
1- 3	Jack Ratliff	13.2	2-27	do	11.8
1-14	do	12.0	3- 1	R. F. Bishop	12.4
1-23	do	10.4	3-10	Jack Ratliff	13.0
2- 3	Bishop-Christensen	11.6	3-22	C. D. Christensen	10.8
CHADRON CREEK					
One-half-mile above City Reservoir—Sec. 19-32-48 W.					
10-25	M. K. Wilgus	2.2	5- 3	M. K. Wilgus	2.3
11- 9	do	2.0	5-17	do	1.3
1- 4	do	2.5	6- 7	do	.7
1-16	do	2.8	6-16	do	1.1
2- 3	do	2.3	6-28	do	.6
2-23	do	2.6	7-12	do	.6
3- 8	do	1.2	8- 2	do	.8
3-22	do	1.5	8-16	do	.4
4- 4	do	2.2	9- 8	do	.1
4-19	do	.5	9-15	do	.3
CHADRON CREEK					
500 Feet below City Reservoir—Sec. 18-32-48 W.					
10-25	M. K. Wilgus	.0	5- 3	M. K. Wilgus	1.4
11- 9	do	.2	5-17	do	1.8
1- 4	do	1.3	6- 7	do	.0
1-16	do	1.4	6-16	do	.0
2- 3	do	.8	6-28	do	.0
2-23	do	.6	7-12	do	.0
3- 8	do	1.1	8- 2	do	.0
3-22	do	2.3	8-16	do	.0
4- 4	do	.6	9- 8	do	.0
4-19	do	.6	9-15	do	.0
CHESBRA CREEK					
Near Taylor—Sec. 20-21-18 W.					
6- 5	W. J. Page	0.0			
CLEAR CREEK					
Below Barber Canal—Sec. 29-16-41 W.					
6- 3	Jack Ratliff	9.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CLEAR CREEK					
Sec. 5-15-41 W.					
10- 3	Jack Ratliff	10.1	4-19	Jack Ratliff	1.2
10-19	do	9.1	5- 8	do	9.6
11- 1	do	10.5	6- 3	do	2.9
11-16	do	8.7	6-12	do	.2
12-13	Jack Ratliff	9.5	6-19	do	8.1
12-30	Ratliff-Christensen	7.6	7- 7	do	.1
1-17	Jack Ratliff	9.8	7-20	do	9.4
2-10	do	8.3	8- 7	do	13.9
2-28	do	9.8	8-21	do	9.5
3-14	do	10.8	9-14	do	6.9
3-24	C. D. Christensen	7.8	9-30	do	8.5
CLEVELAND DRAIN					
Sec. 6-20-52 W.					
10-10	D. J. Neely	7.1	2- 2	D. J. Neely	0.0
10-27	do	1.9	2-21	do	1.3
11-25	do	1.8	3-10	do	2.0
12-15	do	1.6	3-31	do	.7
12-28	do	1.4	4-21	do	.9
1-19	do	.5			
COB CREEK					
Near Loup City—Sec. 23-15-15 W.					
10-11	W. J. Page	0.2			
COLD WATER CREEK					
Below Lisco Canal—Sec. 34-18-46 W.					
10- 5	Jack Ratliff	0.6	6- 5	Jack Ratliff	2.8
10-11	do	5.2	6-22	do	2.5
11-15	S. M. Christensen	1.1	7-10	do	.1
2- 3	Bishop-Christensen	2.1	7-18	do	6.0
2- 9	Jack Ratliff	3.8	7-27	do	3.1
2-28	do	3.4	8- 1	do	2.9
3-24	C. D. Christensen	3.1	8-15	do	.2
4-12	Jack Ratliff	.3	8-24	do	.1
4-26	do	.8	8-30	do	.5
5-18	do	3.0	9-25	do	1.8
COLD WATER CREEK					
Above Lisco Canal—Sec. 27-18-46 W.					
4-12	Jack Ratliff	3.5	8- 1	Jack Ratliff	3.4
4-26	do	3.6	8-15	do	4.0
5-18	do	3.3	8-24	do	4.5
6-22	do	3.6	8-30	do	4.9
7-11	do	3.9	9-25	do	5.1
7-18	do	3.8			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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COLE CREEK

Near Loup City—Sec. 28-16-15 W.

10-11 W. J. Page

0.1

COTTONWOOD CREEK

Near Dunlap—Sec. 27-29-48 W.

10-17	M. K. Wilgus	1.3	5-17	M. K. Wilgus	2.0
11- 3	do	1.2	5-31	do	.4
12-22	Wilgus-Rasmussen	2.6	6- 7	do	.1
2- 2	M. K. Wilgus	1.1	6-16	do	.2
4- 5	do	1.6	7- 7	do	.4
4-19	do	.4	7-19	do	1.4
5- 3	do	1.6	8-10	do	.1

COTTONWOOD CREEK, LITTLE

Near Bloomington—Sec. 6-1-15 W.

4-23	L. F. Zabel	2.2	8-25	L. F. Zabel	1.5
6- 7	do	2.0	9-28	do	1.8

COTTONWOOD CREEK, BIG

Sec. 22-33-50 W.

11- 1	M. K. Wilgus	0.9	5- 1	M. K. Wilgus	39.4
11-15	do	2.3	5- 9	do	100.0
12-14	do	.2	5-22	do	.5
1- 4	do	.0	6-22	do	.4
1-20	do	.0	6-29	do	.4
2-20	do	1.3	7-17	do	3.8
3- 6	do	3.6	8- 2	do	2.0
3- 8	do	1.3	8-22	do	6.0
3-22	do	1.5	9-18	do	3.9
4- 6	do	12.3			

COTTONWOOD CREEK, LITTLE

Sec. 8-32-52 W.

10- 4	M. K. Wilgus	0.0	5- 1	M. K. Wilgus	0.7
10-18	do	.6	5-19	do	.2
10-21	do	.7	6- 3	do	.3
11- 5	do	.8	6-17	do	.1
12-21	do	.7	7- 1	do	.2
1-11	do	.0	7-13	do	.0
1-27	do	.0	8- 1	do	.0
2-11	do	3.3	8-18	do	.0
3- 6	do	.1	9- 1	do	.0
3-31	do	3.0	9-22	do	.0
4-15	do	2.7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CROOKED CREEK					
Near Red Cloud—Sec. 1-1-11 W.					
4-28	L. F. Zabel	1.1	8-11	L. F. Zabel	1.5
6- 7	do	.9	9-27	do	1.5
DANE CREEK					
Near Ord—Sec. 20-19-14 W.					
6-26	W. J. Page	0.2			
DAWSON COUNTY DRAIN NO. 2					
Near Darr—Sec. 25-10-23 W.					
10- 5	D. B. Ender	2.1	12-29	D. B. Ender	1.3
10-26	do	1.8	3- 9	do	.0
11-17	do	1.6	3-29	do	1.7
12- 1	do	1.9			
DEAD HORSE CREEK					
Near Loup City—Sec. 18-15-14 W.					
10- 4	W. J. Page	0.0	6- 6	W. J. Page	0.0
DEAD HORSE CREEK					
Sec. 32-33-49 W.					
11-15	M. K. Wilgus	2.2	6-22	M. K. Wilgus	1.1
12-23	do	1.6	7-24	do	.4
1-20	do	.0	8- 7	do	.1
5-13	do	1.5	8-14	do	.6
5-22	do	2.7			
DEEP CREEK					
Sec. 4-30-53 W.					
10- 5	M. K. Wilgus	0.2	5- 6	M. K. Wilgus	0.9
11- 7	do	.6	5-20	do	.8
12-21	do	1.3	6- 3	do	.6
1-14	do	1.0	8- 4	do	.0
2- 4	do	1.1	8-18	do	.0
2-25	do	.8	9- 1	do	.0
3-18	do	1.0	9-18	do	.0
4- 8	do	.7			
DEGRAW DRAIN					
Sec. 24-20-51 W.					
10-13	D. J. Neely	8.1	3-10	D. J. Neely	2.9
10-27	do	5.4	3-27	do	8.6
11-10	C. D. Christensen	.2	4-21	do	1.8
11-25	D. J. Neely	3.3	5-19	do	1.6
12-15	do	2.7	6-10	do	6.7
12-29	do	2.2	7- 1	do	4.3
1-18	do	1.9	7-28	do	5.7
2- 3	do	2.0	8-14	do	2.6
2-25	do	3.9	9-11	do	13.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DRINGMAN DRAIN					
Sec. 32-14-33 W.					
10-11	J. H. Hintz	9.0	4-20	J. H. Hintz	8.5
10-27	do	8.4	5-12	do	7.8
11- 3	do	8.2	6- 1	do	8.6
11-16	do	8.2	6-15	do	7.4
12- 1	do	8.0	7- 6	do	8.4
12-14	do	8.9	7-20	do	8.7
1-20	do	9.5	8- 3	do	8.7
2- 8	do	10.0	8-24	do	8.3
2-24	do	8.7	9-13	do	8.9
3- 6	do	9.5	9-28	do	9.0
3-23	do	8.4			
DRY CREEK					
Near Merriman—Sec. 17-34-37 W.					
11- 2	M. K. Wilgus	2.0	6-15	Wilgus-Rasmussen	2.6
3-13	do	6.3	7-28	M. K. Wilgus	.1
4-20	do	8.3	9-27	do	1.0
5-18	do	9.5			
DUGOUT CREEK, UPPER					
Sec. 20-20-50 W.					
10-13	D. J. Neely	9.5	1-18	D. J. Neely	5.3
10-27	do	9.7	2- 3	do	4.0
11-10	C. D. Christensen	7.2	2-25	do	4.0
11-25	D. J. Neely	10.6	3-10	do	3.6
12-15	do	7.0	3-27	do	2.3
12-28	do	5.3	4-21	do	2.2
ELM CREEK					
Near Elm Creek—Sec. 33-9-18 W.					
10-13	D. B. Ender	0.3	1-11	D. B. Ender	0.0
11- 3	do	.1	3- 2	do	.0
11-17	do	.0	3-16	do	.0
12- 1	do	.0	3-30	do	.3
12-29	do	.0			
ENGLISH CREEK					
Near Crawford—Sec. 26-32-52 W.					
5-19	M. K. Wilgus	0.1			
ENGLISH CREEK					
Below McDowell Reservoir—Sec. 1-31-52 W.					
2-10	M. K. Wilgus	0.1	4- 3	M. K. Wilgus	0.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
EUREKA CREEK					
Near Naponee—Sec. 1-1-17 W.					
5-26	L. F. Zabel	0.1	8-17	L. F. Zabel	0.0
7- 7	do	.5	9-28	do	.0
FAIRFIELD SEEP					
Sec. 18-21-53 W.					
10-10	D. J. Neely	0.9	3-22	D. J. Neely	0.2
11-12	C. D. Christensen	.0	6-12	do	.9
11-25	D. J. Neely	.0	7-20	do	1.1
12-15	do	.0	9-11	do	1.1
1-19	do	.0			
FANNING SEEP					
One-half Mile North of Mitchell Bridge—Sec. 28-23-56 W.					
10-13	D. J. Neely	5.4	3-21	D. J. Neely	2.7
10-27	do	4.2	4-13	do	1.1
11-22	do	5.5	5-10	do	1.8
12- 2	do	3.8	6-15	do	6.5
12-22	do	1.2	7-20	do	1.8
FARMER CREEK					
Near Inavale—Sec. 5-1-12 W.					
4-28	L. F. Zabel	2.5	8-17	Zabel-Aldrich	13.7
6- 7	do	2.0	9-27	L. F. Zabel	2.9
FLAG CREEK					
Near Orleans—Sec. 16-2-19 W.					
4-28	L. F. Zabel	1.7	9-22	L. F. Zabel	2.4
6- 7	do	1.8			
FREMONT SLOUGH					
Below Sutherland Power Return Canal—Sec. 16-13-30 W.					
10-11	D. B. Ender	0.0	4- 8	D. B. Ender	9.2
11- 4	do	4.7	4-14	do	9.2
11-18	do	3.4	4-26	do	7.9
11-25	do	6.9	5-13	do	9.1
12-16	do	7.2	6- 3	do	8.8
1- 9	do	6.8	6-14	do	5.9
1-16	do	6.5	6-28	do	.0
2- 3	do	8.0	7-15	do	.0
2-25	do	11.1	7-29	do	.0
3-11	do	9.7	8-30	do	.0
3-17	do	10.3	9-16	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
FRENCHMAN RIVER					
Above Arterburn Reservoir—Sec. 10-6-41 W.					
8- 2	L. F. Zabel	4.4			
FRENCHMAN RIVER					
Below Arterburn Reservoir—Sec. 11-6-41 W.					
8- 2	L. F. Zabel	5.9			
GRAVEL CREEK					
Sec. 9-14-36 W.					
10-27	J. H. Hintz	3.4	5-19	J. H. Hintz	2.7
11-18	do	3.2	6- 8	do	2.7
12-13	do	3.0	6-29	do	2.7
1-11	do	3.5	7-13	do	2.6
2-11	do	3.0	7-27	do	3.4
2-27	do	3.0	8-17	do	3.3
3-25	do	3.3	9- 7	do	3.2
4-14	do	2.9	9-21	do	3.7
4-27	do	2.8			
GREENWOOD CREEK					
Below Nelson Canal—Sec. 33-18-50 W.					
5-11	C. D. Christensen	4.8			
GREENWOOD CREEK					
Sec. 26-19-50 W.					
5-11	C. D. Christensen	3.2			
HAT CREEK					
Above Coffee Canal—Sec. 35-33-55 W.					
11- 4	M. K. Wilgus	1.2	5-12	M. K. Wilgus	1.8
1-10	do	2.5	6-23	do	1.1
1-31	do	3.4	7-26	do	.7
2-21	do	2.6	8-15	do	.6
3- /2	do	1.0	8-30	do	.2
3-23	do	1.9	9-23	do	1.7
4- 7	do	1.9			
HAT CREEK					
Sec. 16-32-55 W.					
11- 4	M. K. Wilgus	0.4	5-12	M. K. Wilgus	0.7
1-10	do	.5	6-23	do	.5
1-31	do	.7	7-26	do	.3
2-21	do	.3	8-15	do	.4
3- 2	do	.6	8-30	do	.4
3-23	do	.7	9-23	do	.4
4- 7	do	.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
HERSHEY DRAIN					
Sec. 33-14-32 W.					
10-27	J. H. Hintz	18.7	4-20	J. H. Hintz	18.3
11- 3	do	19.6	5-12	do	19.3
11-16	do	21.2	6- 1	do	17.7
12- 1	do	18.0	6-15	do	14.0
12-14	do	19.9	7- 6	do	13.4
1-20	do	17.0	7-20	do	14.5
2- 8	do	17.9	8- 3	do	15.4
2-24	do	20.4	8-24	do	14.8
3- 6	do	20.2	9-13	do	18.8
3-23	do	20.3	9-28	do	18.3
HOOKER CREEK					
Sec. 31-32-51 W.					
9- 5	M. K. Wilgus	0.0	9-18	M. K. Wilgus	0.0
HORSE CREEK					
Sec. 23-1-39 W.					
5- 2	L. F. Zabel	1.8	7-20	L. F. Zabel	1.8
INDIAN CREEK					
Sec. 16-32-50 W.					
11- 8	M. K. Wilgus	0.1	6- 6	M. K. Wilgus	0.0
12-23	do	.0	6-26	do	.1
1-13	do	.0	7-24	do	.0
3-15	do	.2	8-14	do	.3
4- 6	do	.1	9- 5	do	.0
5-13	do	.2	9-22	do	.1
INDIAN CREEK					
Sec. 19-20-50 W.					
10-13	D. J. Neely	13.4	1-18	D. J. Neely	5.1
10-27	do	13.7	2- 3	do	4.8
11-10	C. D. Christensen	7.5	2-25	do	4.3
11-25	D. J. Neely	11.3	3-10	do	4.6
12-15	do	9.6	3-27	do	5.6
12-29	do	7.1			
INDIAN CREEK					
Above A-1822—Sec. 3-31-50 W.					
11- 8	M. K. Wilgus	0.0	6- 6	M. K. Wilgus	0.2
12-23	do	.0	6-26	do	.2
1-13	do	.0	7-24	do	.1
3-15	do	.8	8-14	do	.0
4- 6	do	.1	9- 5	do	.0
5-13	do	.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
INDIAN CREEK					
Near Max—Sec. 23-2-36 W.					
5-16	L. F. Zabel	4.5	7-20	L. F. Zabel	2.3
INDIAN CREEK					
Near Red Cloud—Sec. 4-1-11 W.					
4-28	L. F. Zabel	1.8	8-17	Zabel-Walker	1.4
6- 7	do	1.5	9-27	L. F. Zabel	2.4
JIM CREEK					
High Line Canal, SW $\frac{1}{4}$ SE $\frac{1}{4}$ —Sec. 13-33-57 W.					
2- 9	M. K. Wilgus	0.2	7- 6	M. K. Wilgus	0.1
6-23	do	.1	9-14	Wilgus-Rasmussen	.1
JIM CREEK					
Sec. 8-33-56 W.					
2- 9	M. K. Wilgus	0.0	6- 1	M. K. Wilgus	0.0
3-24	do	.0	6-21	do	.0
4- 7	do	.0	7- 6	do	.0
5-12	do	.0	8-30	do	.0
KEITH-LINCOLN COUNTY DRAIN NO. 2					
Sec. 24-14-35 W.					
11- 3	J. H. Hintz	0.0	8- 3	J. H. Hintz	0.0
4-20	do	.0	8-17	do	.0
7-13	do	.0	9-28	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 20—Sec. 3-14-38 W.					
10-28	J. H. Hintz	0.0	5-17	J. H. Hintz	0.0
11-18	do	.0	6- 9	do	.0
11-29	do	.0	6-30	do	.0
12-20	do	.0	7-14	do	.0
1-11	do	.0	7-28	do	.0
2-28	do	.0	8-11	do	.0
3-17	do	.0	8-25	do	.0
4- 7	do	.0	9- 8	do	.0
4-21	do	.0	9-22	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 30—Sec. 3-14-38 W.					
10-28	J. H. Hintz	0.0	5-17	J. H. Hintz	0.0
11-18	do	.0	6- 9	do	.0
11-29	do	.0	6-30	do	.0
12-20	do	.0	7-14	do	.0
1-11	do	.0	7-28	do	.0
2-10	do	.0	8-11	do	.0
2-28	do	.0	8-25	do	.0
3-17	do	.0	9- 8	do	.0
4- 7	do	.0	9-22	do	.0
4-21	do	.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued**Year Ending September 30, 1950**

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE					
Drain at Station 40—Sec. 3-14-38 W.					
10-28	J. H. Hintz	0.0	5-17	J. H. Hintz	0.0
11-18	do	.0	6- 9	do	.0
12-20	do	.0	6-30	do	.0
1-11	do	.0	7-14	do	.0
2-10	do	.0	7-28	do	.0
2-28	do	.0	8-11	do	.0
3-17	do	.0	8-25	do	.0
4- 7	do	.0	9- 8	do	.0
4-21	do	.0	9-22	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 50—Sec. 34-14-38 W.					
10-28	J. H. Hintz	0.0	5-17	J. H. Hintz	0.0
11-18	do	.0	6- 9	do	.0
11-27	do	.0	6-30	do	.0
12-20	do	.0	7-14	do	.0
1-11	do	.0	7-28	do	.0
2-10	do	.0	8-11	do	.0
2-28	do	.0	8-25	do	.0
3-17	do	.0	9- 8	do	.0
4- 7	do	.0	9-22	do	.0
4-21	do	.0			
KINGSLEY DAM SEEPAGE					
Drain at Station 60—Sec. 34-15-38 W.					
10-28	J. H. Hintz	1.2	5-17	J. H. Hintz	1.6
11-18	do	1.2	6- 9	do	1.7
11-29	do	1.4	6-30	do	1.5
12-20	do	1.1	7-14	do	2.0
1-11	do	1.4	7-28	do	.9
2-10	do	1.3	8-11	do	.9
2-28	do	1.0	8-25	do	.9
3-17	do	1.2	9- 8	do	.9
4- 7	do	1.2	9-22	do	.8
4-21	do	1.6			
KINGSLEY DAM SEEPAGE					
Drain at Station 70—Sec. 34-15-38 W.					
10-28	J. H. Hintz	5.7	5-17	J. H. Hintz	5.4
11-18	do	5.3	6- 9	do	5.3
11-29	do	5.4	6-30	do	5.3
12-20	do	5.8	7-14	do	4.6
1-11	do	5.3	7-28	do	6.0
2-10	do	5.0	8-11	do	6.1
2-28	do	5.5	8-25	do	5.9
3-17	do	5.0	9- 8	do	6.1
4- 7	do	5.1	9-22	do	5.9
4-21	do	5.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE					
Drain at Station 80—Sec. 34-15-38 W.					
10-28	J. H. Hintz	9.3	5-17	J. H. Hintz	8.4
11-18	do	9.0	6- 9	do	7.7
11-29	do	8.8	6-30	do	8.2
12-20	do	8.8	7-14	do	7.9
1-11	do	8.3	7-28	do	7.5
2-10	do	8.5	8-11	do	8.7
2-28	do	8.8	8-25	do	8.7
3-17	do	8.4	9- 8	do	8.5
4- 7	do	7.8	9-22	do	8.7
4-21	do	8.0			
KINGSLEY DAM SEEPAGE					
Drain at Station 94—Sec. 34-15-38 W.					
10-28	J. H. Hintz	0.0	5-17	J. H. Hintz	0.0
11-18	do	.0	6- 9	do	.0
11-29	do	.0	6-30	do	.0
12-20	do	.0	7-14	do	.0
1-11	do	.0	7-28	do	.0
2-10	do	.0	8-11	do	.0
2-28	do	.0	8-25	do	.0
3-17	do	.0	9- 8	do	.0
4- 7	do	.0	9-22	do	.0
4-21	do	.0			
KINGSLEY DAM SEEPAGE					
Drain at Station 100—Sec. 34-15-38 W.					
10-28	J. H. Hintz	2.7	5-17	J. H. Hintz	2.3
11-18	do	2.6	6- 9	do	2.4
11-29	do	2.6	6-30	do	2.2
12-20	do	2.8	7-14	do	2.5
1-11	do	2.7	7-28	do	2.4
2-10	do	2.4	8-11	do	2.2
2-28	do	2.4	8-25	do	2.1
3-17	do	2.5	9- 8	do	2.1
4- 7	do	2.4	9-22	do	2.3
4-21	do	2.3			
LANE DRAIN					
Sec. 30-23-57 W.					
10-11	D. J. Neely	6.4	3-31	D. J. Neely	0.8
10-27	do	5.2	4-17	do	.7
11-18	C. D. Christensen	2.0	5- 3	do	1.0
12- 2	D. J. Neely	3.9	5-22	do	1.5
12-22	do	2.0	6-14	do	2.1
1-10	do	2.4	7-12	do	7.1
1-23	do	2.1	7-26	do	7.0
2- 6	do	2.4	8-23	do	7.2
3- 6	do	1.8	9- 6	do	10.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LARABEE CREEK					
Sec. 6-34-44 W.					
11-15	M. K. Wilgus	2.0	5-15	M. K. Wilgus	2.8
12-28	Wilgus-Rasmussen	1.1	6- 5	do	3.1
1-23	do	1.1	7-27	do	1.6
3- 3	M. K. Wilgus	2.4	9-11	do	1.1
4-17	do	2.3			
LAWRENCE FORK CREEK					
Below Randall Canal—Sec. 21-18-52 W.					
4-21	C. D. Christensen	0.4	7-20	R. F. Bishop	4.2
5-17	do	.3			
LAWRENCE FORK CREEK					
Highway 88—Sec. 25-19-52 W.					
4-21	C. D. Christensen	3.3	9-23	R. F. Bishop	0.1
5-17	do	.3	9-29	do	.7
LAWRENCE FORK CREEK					
Below Crigler Canal—Sec. 1-18-52 W.					
4-21	C. D. Christensen	4.2	8-28	R. F. Bishop	0.0
7-20	R. F. Bishop	.0	9- 2	do	.0
7-27	C. D. Christensen	.0	9-11	do	.1
8-19	R. F. Bishop	.0	9-23	do	.1
8-21	do	.0			
LINCOLN COUNTY DRAIN NO. 1					
North Platte—Sec. 30-14-30 W.					
10- 4	J. H. Hintz	76.2	1-31	J. H. Hintz	32.2
10-12	do	76.7	2- 7	do	35.3
10-20	do	67.6	2-15	do	33.2
10-26	do	59.1	2-25	do	28.5
11- 2	do	54.3	3- 2	do	32.9
11-17	do	48.5	3-10	do	30.4
11-28	do	44.5	3-14	do	31.4
12- 5	do	42.7	3-21	do	29.4
12-12	do	40.1	3-30	do	26.6
1- 5	do	35.6	4- 5	do	26.9
1- 9	do	37.9	4-11	do	26.5
1-16	do	34.2	4-17	do	27.3
1-23	do	33.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LINCOLN COUNTY DRAIN NO. 2					
Sec. 12-14-33 W.					
10-27	J. H. Hintz	3.2	4-20	J. H. Hintz	2.6
11- 3	do	3.0	5-12	do	2.9
11-16	do	2.9	6- 1	do	3.2
12- 1	do	2.7	6-15	do	2.1
12-14	do	2.8	7- 6	do	4.1
1-20	do	2.6	7-20	do	3.0
2- 8	do	2.6	8- 3	do	3.0
2-24	do	2.7	8-24	do	3.5
3- 6	do	2.8	9-13	do	5.3
3-23	do	2.7	9-28	do	.0

LOGEPOLE CREEK

Wyoming-Nebraska Line—Sec. 11-14-59 W.

10- 5	R. F. Bishop	2.0	4-11	R. F. Bishop	1.2
10-11	do	2.4	4-18	do	2.9
10-18	do	2.5	4-24	do	1.0
10-27	do	2.3	5- 1	do	2.3
11- 2	do	3.2	5- 8	do	3.6
11- 8	do	2.6	5-16	do	2.8
11-15	P. D. Harrington	2.9	5-22	do	1.0
11-22	R. F. Bishop	2.8	5-31	do	1.4
11-30	do	2.3	6- 5	do	1.3
1- 5	do	2.6	6-12	do	1.0
1-11	do	2.4	6-19	do	.9
1-17	do	1.7	6-26	do	1.2
1-23	do	3.4	7-11	do	1.4
1-30	do	2.2	7-17	do	1.1
2- 6	do	4.2	7-25	do	1.6
2-14	do	3.4	8- 3	do	1.4
2-21	do	3.9	8- 8	do	.7
2-27	do	3.7	8-17	do	2.0
3-14	do	5.0	8-22	do	.4
3-21	do	4.3	8-29	do	.6
3-28	do	9.2	9- 5	do	.6
4- 5	do	2.3	9-25	do	1.4

LOGEPOLE CREEK

Two Miles West of Bushnell—Sec. 32-15-57 W.

9-15 R. F. Bishop 72.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Below Oliver Reservoir and New Ruttner Canal Sec. 31-15-56 W.					
10- 5	R. F. Bishop	2.4	4- 5	R. F. Bishop	3.5
10-11	do	2.3	4-11	do	3.4
10-18	do	2.4	4-18	do	3.5
10-27	do	2.4	4-24	do	3.6
11- 2	do	2.4	5- 1	do	.6
11- 8	do	2.7	5- 8	do	1.3
11-15	P. D. Harrington	1.2	5-16	do	3.4
11-22	R. F. Bishop	1.2	5-22	do	.7
11-30	do	1.2	5-31	do	4.0
12- 6	do	1.3	6- 5	do	3.4
12-17	do	2.7	6-12	do	.5
12-30	P. D. Harrington	2.7	6-19	do	4.9
1- 5	R. F. Bishop	2.7	6-26	do	5.5
1-11	do	2.7	7- 7	do	4.5
1-17	do	2.7	7-11	do	3.6
1-23	do	2.8	7-17	do	1.6
1-30	do	2.8	7-25	do	5.7
2- 6	do	3.0	8- 3	do	3.9
2-14	do	2.8	8- 8	do	4.3
2-21	do	2.8	8-16	do	3.8
2-27	do	3.0	8-22	do	3.8
3- 8	Bishop-Christensen	3.0	8-29	do	3.3
3-14	R. F. Bishop	3.3	9-12	do	2.1
3-21	do	3.4	9-25	do	1.5
3-28	do	3.4			
LODGEPOLE CREEK					
Near Kimball—Sec. 29-15-55 W.					
10- 5	R. F. Bishop	6.9	4-18	R. F. Bishop	7.0
10-11	do	10.1	4-24	do	1.0
10-18	do	10.5	5- 2	do	.1
10-27	do	9.3	5- 9	do	1.6
11- 2	do	10.0	5-17	do	.1
11- 8	do	8.6	5-23	do	1.6
11-15	P. D. Harrington	7.8	6- 1	do	2.3
11-22	R. F. Bishop	9.2	6- 6	do	.1
11-30	do	9.8	6-13	do	.0
12- 6	do	9.3	6-20	do	.0
1- 5	do	6.9	6-27	do	.1
1-11	do	4.8	7- 7	do	.8
1-23	do	8.9	7-10	do	.5
1-30	do	9.5	7-18	do	.3
2- 6	do	12.2	7-25	do	.8
2-14	do	9.6	8- 3	do	.3
2-21	do	9.0	8- 9	do	.4
2-27	do	9.4	8-17	do	.1
3-14	do	9.5	8-23	do	.1
3-21	do	10.2	8-30	do	.1
3-28	do	9.4	9- 6	do	.1
4- 5	do	8.9	9-23	do	9.3
4-11	do	8.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOGEPOLE CREEK					
Above Bennett Reservoir—Sec. 28-15-55 W.					
10- 5	R. F. Bishop	4.5	4- 5	R. F. Bishop	5.6
10-11	do	7.2	4-11	do	6.8
10-18	do	7.3	4-18	do	5.9
10-27	do	8.0	4-24	do	2.5
11- 2	do	7.7	5- 2	do	.2
11- 8	do	6.9	5- 9	do	1.4
11-15	P. D. Harrington	6.4	5-17	do	.2
11-22	R. F. Bishop	7.6	5-23	do	.4
11-30	do	7.0	6- 1	do	1.6
12- 6	do	6.8	6- 6	do	.6
12-30	P. D. Harrington	9.1	6-13	Bishop-Lutey	.1
1- 5	R. F. Bishop	5.0	6-20	R. F. Bishop	.1
1-11	do	6.9	6-27	do	.6
1-17	do	5.4	7- 7	do	.3
1-23	do	8.7	7-10	do	1.1
1-30	do	4.6	7-18	do	.8
2- 6	do	10.9	7-25	do	1.6
2-14	do	14.3	8- 4	do	.2
2-21	do	7.6	8- 9	do	.1
2-27	do	7.8	8-17	do	.1
3- 8	Bishop-Christensen	7.6	8-23	do	.3
3-14	R. F. Bishop	8.5	8-30	do	.1
3-21	do	7.8	9- 6	do	.2
3-28	do	7.7	9-26	do	5.9
LOGEPOLE CREEK					
Below Bennett Reservoir—Sec. 22-15-55 W.					
10- 5	R. F. Bishop	1.2	4- 5	R. F. Bishop	0.5
10-11	do	.8	4-11	do	5.6
10-18	do	1.3	4-18	do	.1
10-27	do	1.1	4-24	do	.1
11- 2	do	1.1	5- 2	do	.2
11- 8	do	1.0	5- 9	do	.6
11-15	P. D. Harrington	1.3	5-17	do	.1
11-22	R. F. Bishop	.7	5-23	do	.1
11-30	do	.7	6- 1	do	.1
12- 6	do	.6	6- 6	do	.1
12-30	P. D. Harrington	1.3	6-13	do	.1
1- 5	R. F. Bishop	1.1	6-20	do	.1
1-11	do	1.4	6-27	do	.2
1-17	do	1.2	7-10	do	.1
1-23	do	1.5	7-18	do	.1
1-30	do	1.4	7-24	do	.0
2- 6	do	1.2	8- 4	do	.1
2-14	do	1.7	8- 9	do	.1
2-21	do	2.0	8-17	do	.1
2-27	do	1.5	8-23	do	.1
3- 8	do	1.2	8-30	do	.1
3-14	do	1.0	9- 6	do	.1
3-21	do	1.0	9-26	do	.2
3-28	do	.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Dix—Sec. 26-15-54 W.					
10- 5	R. F. Bishop	0.4	4- 5	R. F. Bishop	0.0
10-11	do	.4	4-11	do	.7
10-18	do	1.4	4-18	do	.0
10-27	do	2.0	4-24	do	.0
11- 2	do	2.4	5- 2	do	.0
11- 8	do	2.6	5- 9	do	.0
11-15	P. D. Harrington	3.1	5-17	do	.0
11-22	R. F. Bishop	2.5	5-23	do	.0
11-30	do	4.3	6- 1	do	.0
12- 6	do	.0	6- 6	do	.0
1- 5	do	.0	6-13	do	.0
1-11	do	.0	6-20	do	.0
1-17	do	.0	6-27	do	.0
1-23	do	4.7	7-11	do	.0
1-30	do	.0	7-18	do	.0
2- 6	do	4.6	7-24	do	.0
2-14	do	.0	8- 4	do	.0
2-21	do	2.3	8- 9	do	.0
2-27	do	1.3	8-17	do	.0
3- 8	Bishop-Christensen	.0	8-23	do	.0
3-14	R. F. Bishop	.0	8-30	do	.0
3-21	do	.0	9- 6	do	.0
3-28	do	.0	9-26	do	.0
LODGEPOLE CREEK					
Potter—Sec. 6-14-52 W.					
10- 5	R. F. Bishop	0.0	4- 5	R. F. Bishop	0.0
10-11	do	.0	4-11	do	.0
10-18	do	.0	4-18	do	.0
10-27	do	.0	4-24	do	.0
11- 2	do	.0	5- 2	do	.0
11- 8	do	.0	5- 7	do	.0
11-15	P. D. Harrington	.0	5-17	do	.0
11-22	R. F. Bishop	.0	5-23	do	.0
11-30	do	0	6- 1	do	.0
12- 6	do	.0	6- 6	do	.0
1- 5	do	.0	6-13	do	.0
1-11	do	.0	6-20	do	.0
1-17	do	.0	6-27	do	.0
1-23	do	.0	7-11	do	.0
1-30	do	.0	7-18	do	.0
2- 6	do	.0	7-24	do	.0
2-14	do	.0	8- 4	do	.0
2-21	do	.0	8- 9	do	.0
2-27	do	.0	8-17	do	.0
3- 6	do	.0	8-23	do	.0
3-14	do	.0	8-30	do	.0
3-21	do	.0	9- 6	do	.0
3-28	do	.0	9-26	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOGEPOLE CREEK					
South of Bronson—West Line—Sec. 19-14-50 W.					
10- 5	R. F. Bishop	0.0	4-10	R. F. Bishop	1.0
10-10	do	0	4-17	do	.1
10-17	do	0	4-26	do	0.3
10-28	do	0	5- 4	do	0
11- 2	do	.1	5- 9	do	0
11- 8	do	.2	5-17	do	.1
11-15	P. D. Harrington	.5	5-23	do	0
11-22	R. F. Bishop	.7	6- 1	do	0
11-30	do	1.0	6- 6	do	0
12- 6	do	.4	6-13	do	0
1- 6	do	0	6-20	do	0
1-11	do	0	6-29	do	0
1-17	do	0	7- 3	do	0
1-23	do	1.4	7-12	do	0
1-30	do	0	7-18	do	0
2- 7	do	.5	7-24	do	2.0
2-14	do	0	8- 4	do	0
2-21	do	1.9	8- 9	do	0
2-27	do	.8	8-17	do	128.0
3- 6	do	.1	8-23	do	.1
3-13	do	0	8-30	do	0
3-20	do	.8	9- 6	do	0
3-29	do	1.0	9-26	do	1.6
4- 4	do	1.0			

LOGEPOLE CREEK

Below Runge Canal—South Line—Sec. 20-14-50 W.

10- 5	R. F. Bishop	1.8	7- 3	R. F. Bishop	1.2
5- 4	do	2.6	7-12	do	.6
5- 9	do	2.6	7-18	do	1.4
5-17	do	2.6	7-24	do	4.1
5-23	do	.4	8- 4	do	.4
6- 1	do	.1	8- 9	do	1.5
6- 6	do	1.5	8-23	do	2.2
6-13	do	.9	8-30	do	.6
6-20	do	.3	9- 6	do	1.1
6-29	do	.2	9-26	do	2.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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LODGEPOLE CREEK

One Mile East and One Mile South of Runge Canal
East Line—Sec. 33-14-50 W.

10- 5	R. F. Bishop	1.4	4-10	R. F. Bishop	2.4
10-10	do	1.8	4-17	do	1.9
10-17	do	1.6	4-26	do	2.3
10-28	Bishop-Christensen	1.6	5- 4	do	1.9
11- 2	R. F. Bishop	2.7	5- 9	do	1.5
11- 8	do	1.9	5-17	do	2.0
11-15	P. D. Harrington	2.0	5-23	do	.3
11-22	R. F. Bishop	2.0	6- 1	do	.2
11-30	P. D. Harrington	2.4	6- 6	do	1.4
12- 6	R. F. Bishop	2.2	6-14	do	1.4
1- 6	do	.5	6-20	do	.2
1-24	do	2.1	6-29	do	.1
1-31	do	1.9	7- 3	do	.4
2- 7	do	2.1	7-12	do	.5
2-14	do	2.5	7-18	do	.7
2-21	do	1.5	8- 4	do	.1
2-27	do	1.4	8- 9	do	.8
3- 6	do	2.1	8-23	do	1.8
3-13	do	2.8	8-30	do	.5
3-20	do	2.2	9- 6	do	.8
3-29	do	2.0	9-26	do	3.0
4- 4	do	1.8			

LODGEPOLE CREEK

Near Airport—East Line—Sec. 34-14-50 W.

10- 5	R. F. Bishop	1.5	7-12	R. F. Bishop	0.1
5- 4	do	1.5	7-18	do	.1
5-17	do	2.0	8- 4	do	.1
5-23	do	.2	8- 9	do	.3
6- 1	do	.1	8-23	do	.6
6- 6	do	.7	8-30	do	.3
6-14	do	.4	9- 6	do	.4
6-29	do	.0	9-26	do	1.6
7- 3	do	.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Sidney City Park—Sec. 6-13-49 W.					
10- 4	R. F. Bishop	0.3	4-10	R. F. Bishop	1.1
10-10	do	.4	4-17	do	.5
10-17	do	.3	4-26	do	1.2
10-28	Bishop-Christensen	.2	5- 4	do	.6
11- 2	R. F. Bishop	.3	5- 9	do	.8
11- 7	do	.3	5-15	do	.6
11-15	P. D. Harrington	.7	5-24	do	.1
11-23	R. F. Bishop	1.0	6- 1	do	.4
11-29	do	.2	6- 7	do	.2
12- 6	do	1.4	6-14	do	.2
1- 6	do	.3	6-22	do	.4
1-12	do	.6	6-29	do	.3
1-24	do	.5	7- 3	do	.1
1-31	do	.2	7-12	do	.1
2- 7	do	.5	7-18	do	.1
2-23	do	.2	8- 4	do	.1
2-28	do	.0	8- 9	do	.1
3- 6	do	.0	8-23	do	.6
3-13	do	.0	8-30	do	.1
3-20	do	.1	9- 6	do	.1
3-29	do	.4	9-28	do	1.7
4- 4	do	.5			
LODGEPOLE CREEK					
On Highway 19—Sec. 5-13-49 W.					
10- 4	R. F. Bishop	0.2	4-26	R. F. Bishop	.5
10-10	do	.2	5- 4	do	.3
10-17	do	.1	5- 9	do	.4
10-28	Bishop-Christensen	.5	5-15	do	.3
11- 2	R. F. Bishop	.4	5-24	do	.0
11- 7	do	.2	6- 1	do	.2
11-16	P. D. Harrington	.4	6- 7	do	.2
11-23	R. F. Bishop	.4	6-14	do	.2
11-29	do	.3	6-22	do	.1
12- 6	do	.8	6-29	do	.2
1- 6	do	.0	7- 3	do	.1
1-12	do	.0	7-12	do	.1
1-24	do	.0	7-18	do	.0
1-31	do	.0	7-24	do	21.6
2-23	do	.3	8- 4	do	.1
2-28	do	.0	8- 9	do	.2
3- 6	do	.0	8-18	do	32.9
3-13	do	.0	8-23	do	.5
3-20	do	.0	8-30	do	.5
3-29	do	.0	9- 6	do	.1
4- 4	do	.1	9-20	do	63.0
4-10	do	.2	9-28	do	.9
4-17	do	.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Below Bordwell Canal—Sec. 35-14-49 W.					
6-27	R. F. Bishop	1.3			
LODGEPOLE CREEK					
Above Kreuger Canal—Sec. 31-14-48 W.					
10- 4	R. F. Bishop	5.0	4-17	R. F. Bishop	6.7
10-10	do	8.6	4-26	do	5.8
10-17	do	6.3	5- 4	do	5.8
10-31	do	6.6	5-10	do	7.1
11- 7	do	5.8	5-15	do	5.9
11-16	P. D. Harrington	3.7	5-24	do	5.4
11-23	R. F. Bishop	6.9	6- 7	do	5.0
11-29	do	6.7	6-14	do	3.5
12-13	do	5.7	6-22	do	1.4
1- 6	do	5.6	6-27	do	1.3
1-12	do	6.9	6-29	do	3.7
1-18	do	7.7	7- 3	do	2.2
1-24	do	5.9	7-12	do	3.3
1-31	do	7.6	7-18	do	2.2
2- 7	do	6.0	7-26	do	9.2
2-23	do	5.8	8- 4	do	4.8
2-28	do	6.0	8-11	do	4.2
3- 6	do	5.8	8-18	do	26.3
3-13	do	6.3	8-25	do	6.6
3-20	do	6.0	9- 1	do	3.3
3-29	do	6.4	9- 6	do	4.1
4- 4	do	8.1	9-14	do	5.6
4-10	do	5.7	9-28	do	9.3
LODGEPOLE CREEK					
Below Krueger Lake SW $\frac{1}{4}$ —Sec. 29-14-48 W.					
10- 4	R. F. Bishop	4.9	4-10	R. F. Bishop	1.1
10-10	do	7.2	4-17	do	.8
10-17	do	5.4	4-26	do	.2
10-31	do	4.8	5- 4	do	.3
11- 7	do	2.2	5-10	do	.5
11-16	P. D. Harrington	.5	5-15	do	.5
11-23	R. F. Bishop	.1	5-24	do	.2
11-29	do	.2	6- 7	do	.2
12-13	do	3.9	6-14	do	.2
1- 6	do	4.7	6-22	do	.1
1-12	do	5.4	6-27	do	.1
1-18	do	5.2	7- 3	do	.1
1-24	do	5.6	7-12	do	.1
1-31	do	5.2	7-18	do	.2
2- 7	do	7.4	7-26	do	2.5
2-23	do	2.9	8- 4	do	.2
2-28	do	.1	8-11	do	.1
3- 6	do	.1	8-18	do	42.5
3-13	do	3.1	8-25	do	3.2
3-20	do	1.5	9- 1	do	3.4
3-29	do	4.5	9- 6	do	1.0
4- 4	do	1.3	9-28	do	8.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
South of Sunol—Sec. 36-14-48 W.					
10- 4	R. F. Bishop	4.9	4-17	R. F. Bishop	3.5
10-10	do	7.3	4-26	do	2.2
10-17	do	6.0	5-10	do	4.0
10-31	do	6.6	5-15	do	4.0
11- 7	do	5.0	5-24	do	2.5
11-16	P. D. Harrington	8.0	6- 7	do	1.9
11-23	R. F. Bishop	1.3	6-14	do	1.5
11-29	do	1.5	6-22	do	1.0
12-13	do	1.3	6-29	do	.9
1- 6	do	1.5	7- 3	do	.8
1-12	do	1.7	7-12	do	.5
1-18	do	1.3	7-14	do	.5
1-24	do	2.9	7-19	do	.4
1-31	do	1.9	7-24	do	15.4
2- 7	do	2.3	8-11	do	1.2
2-23	do	3.2	8-18	do	5.8
2-28	do	6.2	8-25	do	4.2
3- 6	do	2.3	9- 1	do	2.7
3-13	do	4.8	9- 8	do	1.7
3-20	do	3.0	9-14	do	2.0
3-29	do	2.7	9-20	do	192.0
4- 4	do	1.6	9-28	do	10.8
4-10	do	2.3			
LODGEPOLE CREEK					
West of Lodgepole—Sec. 30-14-46 W.					
10- 4	R. F. Bishop	8.4	11- 7	R. F. Bishop	2.0
10-10	do	13.2	11-16	P. D. Harrington	3.1
10-17	do	9.4	11-23	R. F. Bishop	6.6
10-31	do	6.5	11-29	do	6.2
LODGEPOLE CREEK					
Southeast of Lodgepole—Sec. 32-14-46 W.					
12-13	R. F. Bishop	5.6	5-18	R. F. Bishop	4.9
1- 6	do	4.6	5-25	do	9.2
1-12	do	5.3	6- 8	do	3.9
1-18	do	4.5	6-15	do	1.8
1-24	do	6.4	6-21	do	1.3
1-31	do	6.5	6-28	do	.5
2- 7	do	7.8	7-13	do	.4
2-23	do	10.8	7-19	do	.4
2-28	do	10.3	7-27	do	.6
3- 6	do	9.3	8-11	do	1.1
3-13	do	12.5	8-18	do	1.3
3-20	do	12.0	8-25	do	3.5
3-29	do	9.5	9- 1	do	3.4
4- 4	do	10.1	9- 8	do	.6
4-10	do	9.1	9-14	do	1.2
4-17	do	8.7	9-20	do	134.0
4-26	do	5.7	9-28	do	17.8
5-11	do	7.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOGEPOLE CREEK					
East Line near Chappell—Sec. 21-13-45 W.					
10- 4	R. F. Bishop	11.7	4- 4	R. F. Bishop	12.7
10-10	do	15.0	4-10	do	12.8
10-17	do	13.4	4-17	do	12.5
10-31	do	9.6	4-26	do	8.4
11- 7	do	10.4	5-11	do	12.6
11-16	P. D. Harrington	6.0	5-18	do	6.0
11-23	R. F. Bishop	7.9	5-25	do	3.5
11-29	do	7.8	6- 8	do	8.3
12-13	do	8.4	6-15	do	2.0
1- 6	do	3.6	6-21	do	1.7
1-12	do	8.2	6-28	do	1.2
1-18	do	4.9	7-13	do	.8
1-24	do	10.8	7-19	do	.6
1-31	do	9.3	7-27	do	1.3
2- 7	do	10.4	8-11	do	13.7
2-23	do	17.2	8-18	do	10.2
2-28	do	15.1	8-25	do	9.3
3- 6	do	12.9	9- 1	do	8.7
3-13	do	17.2	9-14	do	7.0
3-20	do	17.2	9-20	do	27.2
3-29	do	4.0	9-28	do	23.9

LOGEPOLE CREEK					
Colorado-Nebraska East Line—Sec. 24-12-45 W.					
10- 4	R. F. Bishop	8.1	4- 4	R. F. Bishop	14.8
10-10	do	32.9	4-10	do	16.3
10-17	do	35.7	4-17	do	18.3
10-31	do	14.4	4-26	do	2.8
11- 7	do	14.4	5-11	do	12.2
11-16	P. D. Harrington	10.0	5-18	do	2.8
11-23	R. F. Bishop	12.6	5-25	do	2.1
11-29	do	12.4	6- 8	do	1.5
12-13	do	9.4	6-15	do	1.5
1- 6	do	5.9	6-21	do	1.5
1-12	do	4.3	6-28	do	1.1
1-18	do	5.8	7-13	do	1.4
1-24	do	9.7	7-19	do	1.3
1-31	do	7.1	7-27	do	1.3
2- 7	do	12.0	8-11	do	8.4
2-23	do	18.3	8-18	do	6.1
2-28	do	16.5	8-25	do	3.6
3- 6	do	16.0	9- 1	do	6.7
3-13	do	15.8	9-14	do	4.2
3-20	do	19.8	9-20	do	32.1
3-29	do	10.4	9-28	do	31.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LONERGAN CREEK					
Near Lemoyne—Sec. 8-15-39 W.					
10- 3	Jack Ratliff	5.1	3-24	C. D. Christensen	4.1
10-19	do	6.9	4-19	Jack Ratliff	4.5
11- 1	do	8.4	5- 8	do	4.5
11-16	do	5.7	6- 3	do	4.8
12-13	do	6.9	6-19	do	4.1
12-30	Ratliff-Christensen	3.2	7- 7	do	3.6
1-17	Jack Ratliff	6.1	7-20	do	5.2
2-10	do	4.4	8-21	do	4.2
2-28	do	5.0	9-30	do	4.4
3-14	do	4.1			
LOST CREEK					
Sec. 1-16-44 W.					
2-28	Jack Ratliff	0.8	4-12	Jack Ratliff	0.3
3-24	C. D. Christensen	2.0	9-29	do	7.4
LOST CREEK					
Above Lyons Canal—Sec. 25-17-44 W.					
9-29	Jack Ratliff	1.2			
MEDICINE CREEK					
Above Medicine Creek Dam—Sec. 35-6-26 W.					
10- 7	Hartley-Hulme	95.5	10-12	A. E. Hulme	83.7
MELBETA DRAIN					
One-half Mile West of Melbeta Bridge—Sec. 13-21-54 W.					
10-10	D. J. Neely	4.8	12-28	D. J. Neely	3.0
10-27	do	3.3	1-19	do	2.4
11-10	C. D. Christensen	2.8	2- 2	do	3.3
11-25	D. J. Neely	4.0	2-21	do	2.3
12-15	do	2.3	3-10	do	2.1
MONROE CREEK, BIG					
Below Monroe Canal—Sec. 33-33-56 W.					
10-19	Wilgus-Rasmussen	1.1	5-11	M. K. Wilgus	0.0
10-31	do	1.2	6- 1	do	.0
1-10	M. K. Wilgus	2.0	6-12	Wilgus-Rasmussen	.0
1-31	do	.8	6-21	M. K. Wilgus	.0
2- 9	do	1.7	7- 6	do	.0
2-21	do	1.6	7-14	Wilgus-Rasmussen	.0
3- 2	do	1.9	7-31	M. K. Wilgus	.0
3-24	do	.0	8-15	do	.0
4- 7	do	.0	8-31	do	.0
4-27	Wilgus-Rasmussen	.0			

REPORT OF THE STATE ENGINEER

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MONROE CREEK					
Above Jordan Reservoir—Sec. 23-33-56 W.					
10- 3	Wilgus-Rasmussen	0.0	3-24	M. K. Wilgus	0.1
10-19	do	1.0	4- 7	do	.1
10-31	do	2.0	5-11	do	.1
12-12	M. K. Wilgus	.6	6- 2	do	.1
1-10	do	1.8	6-21	do	.2
1-31	do	1.1	7- 6	do	.2
2- 9	do	2.4	7-14	Wilgus-Rasmussen	.1
2-21	do	1.0	8-15	M. K. Wilgus	.0
3- 2	do	.6	8-31	do	.0
MONROE CREEK					
Below Jordan Canal—Sec. 22-33-56 W.					
7-31	M. K. Wilgus	0.1			
MOON CREEK					
Near Loup City—Sec. 10-15-15 W.					
10-11	W. J. Page	0.2			
MUDDY CREEK					
Near Arapahoe—Sec. 15-4-23 W.					
4-28	L. F. Zabel	5.4	8-25	L. F. Zabel	9.7
6- 7	do	15.5	9-28	do	4.9
NIORRARA RIVER					
Wyoming-Nebraska State Line—Sec. 20-31-57 W.					
10-27	M. K. Wilgus	7.0	5-12	M. K. Wilgus	11.8
11-29	do	7.0	5-29	do	6.6
12-27	do	5.7	6-23	do	5.3
1-31	do	7.5	7-20	do	1.8
2- 9	do	5.2	8- 3	do	2.8
2-21	do	6.6	8-29	do	2.9
3-23	do	8.6	9-12	do	4.7
4-14	do	11.0	9-28	do	4.6
4-27	Wilgus-Rasmussen	5.8			
NIORRARA RIVER					
South of Harrison—Sec. 9-29-56 W.					
11- 4	M. K. Wilgus	7.8	5-12	M. K. Wilgus	16.1
11-29	do	9.0	5-29	do	9.0
12-27	do	3.9	7-21	Wilgus-Rasmussen	2.9
2- 7	do	6.7	8-11	M. K. Wilgus	5.5
3-24	do	11.9	9-25	do	10.4
4-14	do	18.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NIORRARA RIVER					
Near Agate—Sec. 7-28-55 W.					
10-27	M. K. Wilgus	17.8	6- 9	M. K. Wilgus	6.1
12-27	do	21.6	6-27	do	9.5
2- 7	do	29.7	7-20	do	7.6
3-17	do	31.2	7-26	do	19.0
4-12	do	36.8	8- 3	do	10.5
5- 2	do	18.6	8-29	do	6.7
5-24	Wilgus-Rasmussen	7.5	9-12	do	4.2
NIORRARA RIVER					
Below Mouth of Whistle Creek—Sec. 7-28-53 W.					
10-26	M. K. Wilgus	9.1	6-27	M. K. Wilgus	0.0
4-12	do	47.6	7-20	do	5.5
5- 2	do	27.8	8- 3	do	10.9
5-24	Wilgus-Rasmussen	4.4	8-29	do	5.3
6- 9	M. K. Wilgus	.0	9-12	do	6.2
NIORRARA RIVER					
East of Marsland—Sec. 36-29-51 W.					
10-25	M. K. Wilgus	16.2	7- 7	M. K. Wilgus	14.5
11- 9	do	20.5	7-19	do	10.8
6-16	do	8.6	7-25	Wilgus-Rasmussen	20.2
6-28	do	13.4	9- 8	M. K. Wilgus	7.0
NIORRARA RIVER					
Below Potmeisel Diversion—Sec. 26-29-48 W.					
10-17	M. K. Wilgus	0.0	7- 7	M. K. Wilgus	0.0
11- 3	do	8.6			
NIORRARA RIVER					
Highway 87—Sec. 23-29-46 W.					
10-28	Wilgus-Rasmussen	24.2	4-13	M. K. Wilgus	31.2
1-13	M. K. Wilgus	34.3	5-10	do	40.0
2-24	do	30.8	6-30	do	14.5
3-30	do	53.6	7- 7	do	12.6
NIORRARA RIVER					
South of Rushville—Sec. 28-30-44 W.					
10-28	Wilgus-Rasmussen	83.9	6- 5	M. K. Wilgus	71.6
3- 3	M. K. Wilgus	90.5	7-27	do	69.3
4-17	do	86.7	9-11	do	80.2
5-15	do	67.6			
NORTH PLATTE CANAL SPILL					
East Line of SE ¹ / ₄ —Sec. 25-14-31 W.					
7-13	J. H. Hintz	1.2	8-21	J. H. Hintz	0.0
7-17	do	.1	8-28	do	.3
7-20	do	14.9	9- 4	do	5.2
7-24	do	10.7	9-11	do	14.2
7-31	do	8.8	9-18	do	.1
8-14	do	3.8	9-25	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
OTTER CREEK					
Near Lemoyne—Sec. 32-16-40 W.					
10- 3	Jack Ratliff	16.8	3-24	C. D. Christensen	19.9
10-19	do	22.8	4-19	Jack Ratliff	19.4
11- 1	do	26.6	5- 8	do	21.2
11-16	do	21.6	6- 3	do	19.6
12-13	do	23.8	6-19	do	20.7
12-30	do	20.4	7- 7	do	19.3
1-17	do	19.9	7-20	do	21.0
2-10	do	23.6	8- 7	do	21.1
2-28	do	23.7	8-21	do	22.1
3-14	do	22.6	9-30	do	18.9
PAWNEE CREEK					
Sec. 4-12-27 W.					
10-21	D. B. Ender	5.4	5- 1	D. B. Ender	9.0
11-25	do	6.1	5- 9	do	17.6
12-16	do	3.5	5-17	do	6.7
1- 7		2.0	5-27	do	10.6
1-16	do	2.9	6-13	do	2.5
1-23	do	4.1	6-28	do	2.0
2-20	do	16.3	7-17	do	1.4
3- 6	do	13.7	8- 2	do	3.9
3-17	do	39.2	8-16	do	3.6
3-31	do	13.9	8-30	do	6.0
4- 7	do	14.5	9-20	do	6.4
4-17	do	13.4			
PINE CREEK					
Passing Smith Lake Reservoir—Sec. 16-28-44 W.					
2-28	Wilgus-Rasmussen	0.5			
PINE CREEK					
Near Colclessor Mill—Sec. 33-30-44 W.					
10-28	Wilgus-Rasmussen	24.5	5-15	M. K. Wilgus	23.8
12-28	do	8.5	6- 5	do	16.2
3- 3	M. K. Wilgus	32.3	7-27	do	17.2
4-17	do	21.7	9-11	do	13.8
PRAIRIE DOG CREEK					
Above D-508, Schilt-Prairie Dog Creek Canal					
Sec. 35-33-56 W.					
10-31	Wilgus-Rasmussen	0.0	4-27	Wilgus-Rasmussen	0.1
3- 9	M. K. Wilgus	.1	6-12	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PRAIRIE DOG CREEK					
Below D-508, Schilt-Prairie Dog Canal					
Sec. 35-33-56 W.					
10-31	Wilgus-Rasmussen	0.0	6-12	Wilgus-Rasmussen	0.0
3- 9	M. K. Wilgus	.0	8-31	M. K. Wilgus	.0
4-27	Wilgus-Rasmussen	.0			
PRAIRIE DOG CREEK					
Above Confluence with Little Red Creek					
Sec. 26-33-56 W.					
10-31	Wilgus-Rasmussen	0.0	6-12	Wilgus-Rasmussen	0.0
4-27	do	.0	8-31	do	.0
PRAIRIE DOG CREEK					
Sec. 17-33-55 W.					
11- 4	M. K. Wilgus	0.0	6- 2	M. K. Wilgus	0.0
1-31	do	.0	6-21	do	.0
2- 9	do	.1	7- 6	do	.0
2-21	do	.0	7-31	do	.0
3- 2	do	.0	8-15	do	.0
3-23	do	.6	8-31	do	.0
4- 7	do	.6	9-28	do	.0
5-11	do	.0			
PUMPKINSEED CREEK					
Above Scott Reservoir—Sec. 7-19-55 W.					
8-15	R. F. Bishop	0.6			
PUMPKINSEED CREEK					
Below Scott Reservoir—Sec. 7-19-55 W.					
8-15	R. F. Bishop	1.2			
PUMPKINSEED CREEK					
Below Logan Canal No. 1—Sec. 7-19-55 W.					
8-31	R. F. Bishop	0.3			
PUMPKINSEED CREEK					
Near Gering-Kimball Highway—Sec. 4-19-55 W.					
4-10	Jack Ratliff	2.5	8- 7	R. F. Bishop	0.4
5-17	C. D. Christensen	4.3	8-15	do	1.3
6- 9	R. F. Bishop	3.3	8-24	do	.5
6-16	do	1.8	8-31	do	.6
6-23	do	1.1	9- 7	do	.5
6-30	do	.9	9-27	do	4.0
7-28	do	.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PUMPKINSEED CREEK					
Below Airdale Canal No. 2—Sec. 1-19-55 W.					
8-15	R. F. Bishop	0.6	9-7	R. F. Bishop	1.5
PUMPKINSEED CREEK					
Above Heard Canal North Line—Sec. 11-19-54 W.					
4-10	Jack Ratliff	4.9	8-7	R. F. Bishop	1.2
6-9	R. F. Bishop	1.7	8-24	do	1.0
7-6	do	1.1	8-31	do	2.0
7-8	do	2.3	9-7	do	1.1
7-28	do	1.7	9-27	do	.2
PUMPKINSEED CREEK					
Sec. 14-19-54 W.					
6-16	R. F. Bishop	1.3	6-30	R. F. Bishop	0.4
6-23	do	.4			
PUMPKINSEED CREEK					
West Line—Sec. 18-19-53 W.					
7-6	R. F. Bishop	0.8	8-24	R. F. Bishop	1.0
7-8	do	2.0	8-31	do	1.3
7-14	do	1.3	9-7	do	1.3
7-28	do	1.4	9-27	do	.5
8-7	do	1.2			
PUMPKINSEED CREEK					
South Line—Sec. 17-19-53 W.					
7-6	R. F. Bishop	0.8	7-8	R. F. Bishop	2.0
PUMPKINSEED CREEK					
West Line—Sec. 22-19-53 W.					
7-6	R. F. Bishop	3.2	7-8	R. F. Bishop	4.1
PUMPKINSEED CREEK					
East Line—Sec. 22-19-53 W.					
7-14	R. F. Bishop	3.2	8-31	R. F. Bishop	3.4
7-28	do	4.2	9-7	do	3.6
8-7	do	3.7	9-21	do	8.4
8-24	do	3.1	9-27	do	3.1
PUMPKINSEED CREEK					
Below Mutual Canal—Sec. 33-19-52 W.					
4-10	Jack Ratliff	15.0			
PUMPKINSEED CREEK					
Below Court House Rock Canal—Sec. 30-19-50 W.					
7-5	R. F. Bishop	2.1	7-22	R. F. Bishop	1.1
7-6	do	2.5	7-24	do	.8
7-10	do	12.5	9-11	do	2.5
7-11	P. D. Harrington	2.3	9-16	P. D. Harrington	4.4
7-21	R. F. Bishop	1.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PUMPKINSEED CREEK					
South of Bridgeport—Sec. 28-19-50 W.					
4-10	Jack Ratliff	26.0	7- 5	R. F. Bishop	2.1
6-13	do	5.4			
RED CREEK, LITTLE					
Above Confluence with Prairie Dog Creek—Sec. 26-33-56 W.					
10-31	Wilgus-Rasmussen	0.0	6-21	M. K. Wilgus	0.0
RED CREEK, LITTLE					
Below Zerbst Canal—Sec. 34-33-56 W.					
10-31	Wilgus-Rasmussen	0.0	8-31	M. K. Wilgus	0.0
6-21	M. K. Wilgus	.0			
RED WILLOW CREEK					
North of McCook—Sec. 6-4-29 W.					
6- 9	L. F. Zabel	19.3	8-22	L. F. Zabel	15.1
REPUBLICAN RIVER					
Near Max—Sec. 32-2-36 W.					
6- 6	L. F. Zabel	71.2	7-20	L. F. Zabel	19.1
REPUBLICAN RIVER					
Near McCook—Sec. 32-3-29 W.					
6- 6	L. F. Zabel	161.0	8- 7	Whitaker-Rutzy	4370.0
REPUBLICAN RIVER					
Near Perry—Sec. 28-3-30 W.					
8- 7	L. F. Zabel	681.0			
ROPE CREEK					
3.4 Miles West of Alma—Sec. 25-2-19 W.					
4-28	L. F. Zabel	2.5	9-22	L. F. Zabel	0.6
6- 7	do	1.2			
SAND CREEK					
Below Bendix Canal—Sec. 33-33-53 W.					
10- 4	M. K. Wilgus	0.0	5-20	M. K. Wilgus	0.0
10-18	do	.0	6- 3	do	.3
11- 5	do	.0	7- 1	do	.0
12-21	do	.0	7-13	do	.0
1-13	do	.0	8- 1	do	.0
2-11	do	.0	8-18	do	.0
3- 6	do	.0	9- 1	do	.0
4-15	do	.0	9-18	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SAND CREEK					
Above New Highway—Sec. 34-16-40 W.					
10- 3	Jack Ratliff	3.7	3-14	Jack Ratliff	4.2
10-19	do	4.6	4-19	do	4.0
11- 1	do	5.0	5- 8	do	4.6
11-16	do	3.0	6- 3	do	4.1
12-13	do	4.6	6-19	do	4.4
12-30	Ratliff-Christensen	3.1	7- 7	do	2.9
1-17	Jack Ratliff	4.2	7-20	do	4.7
2-10	do	4.0	8-21	do	4.5
2-28	do	3.3	9-30	do	4.6

SAND CREEK					
Near Crawford—Sec. 32-33-52 W.					
5- 9	M. K. Wilgus	11.6	5-20	M. K. Wilgus	0.0

SARBEN SLOUGH					
Sec. 20-14-35 W.					
10- 5	J. H. Hintz	8.5	6- 8	J. H. Hintz	7.6
10-14	do	8.9	6-15	do	7.0
10-21	do	9.0	6-21	do	7.9
10-27	do	8.4	6-29	do	8.3
11- 3	do	8.1	7- 6	do	8.6
11-16	do	8.0	7-13	do	9.4
11-30	do	7.7	7-20	do	10.3
12-14	do	7.7	7-27	do	12.3
1-11	do	8.2	8- 3	do	9.3
2- 9	do	7.5	8-10	do	9.8
2-27	do	9.3	8-17	do	9.6
3-25	do	8.8	8-24	do	9.4
4-14	do	7.8	8-31	do	12.0
4-27	do	7.7	9- 7	do	8.6
5-12	do	8.8	9-15	do	14.2
5-19	do	8.5	9-21	do	12.1
6- 1	do	8.4	9-28	do	9.8

SCOTTSBLUFF DRAIN NO. 1					
Sec. 25-22-55 W.					
10-11	D. J. Neely	12.5	3-10	D. J. Neely	4.9
10-28	do	14.3	3-22	do	6.1
11-22	do	9.1	4-21	do	4.0
12-15	do	7.6	6-19	do	12.2
12-29	do	8.7	7-13	do	9.7
1-20	do	8.8	9-11	do	13.6
2- 2	do	6.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SCOTTSBLUFF DRAIN NO. 2					
Sec. 34-22-54 W.					
10-11	D. J. Neely	2.9	2-28	D. J. Neely	0.7
10-28	do	2.6	3-10	do	.7
11-12	C. D. Christensen	1.4	3-22	do	.6
11-25	D. J. Neely	1.8	4-21	do	.6
12-15	do	1.1	6-19	do	9.0
12-29	do	1.1	7-13	do	5.8
1-20	do	.7	9-11	do	11.0
2- 2	do	.1			

SCOUT CREEK

Near North Platte—Sec. 20-14-30 W.

10- 4	J. H. Hintz	2.1	5-16	J. H. Hintz	0.7
10-12	do	.8	5-22	do	1.5
10-20	do	.4	5-29	do	2.4
10-26	do	.2	6- 5	do	.3
11- 2	do	.2	6-12	do	12.4
11-17	do	.2	6-19	do	25.2
11-28	do	.2	6-26	do	10.6
12- 5	do	.2	7- 3	do	.6
1- 5	do	.1	7-10	do	16.2
1-23	do	.1	7-17	do	11.8
2-25	do	.4	7-24	do	27.7
3- 2	do	.2	7-31	do	6.9
3-14	do	.3	8-14	do	13.5
3-30	do	.3	8-21	do	29.6
4- 5	do	2.9	8-28	do	7.3
4-11	do	.4	9- 4	do	19.0
4-17	do	.7	9-11	do	25.1
4-24	do	.2	9-18	do	16.1
5- 1	do	.2	9-25	do	1.9
5-10	do	1.3			

SHELDON DRAIN DITCH

Sec. 14-11-26 W.

10-21	D. B. Ender	7.8	6-12	D. B. Ender	6.9
11-21	do	7.9	6-21	do	7.1
1-16	do	7.6	7- 3	do	6.4
3-17	do	8.6	7-19	do	6.2
3-31	do	8.4	7-31	do	7.2
4- 7	do	8.7	8-14	do	8.0
5- 2	do	8.2	8-28	do	8.1
5-17	do	9.4	9-11	do	7.1
5-31	do	9.3	9-18	do	8.2

SILVER CREEK

Near Grand Island—Sec. 28-12-9 W.

6- 6	W. J. Page	0.0
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DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SILVERNAIL DRAIN					
Sec. 6-19-49 W.					
10-10	Jack Ratliff	10.4	4-10	Jack Ratliff	5.8
10-17	do	9.2	5- 1	do	5.4
10-31	do	8.6	5- 9	do	5.3
11-14	R. F. Bishop	8.5	5-23	do	6.0
11-21	do	8.5	6- 5	do	9.4
11-28	Jack Ratliff	8.6	6-20	do	18.8
12-19	P. D. Harrington	8.5	7- 6	do	8.6
1- 3	Jack Ratliff	5.1	7-19	do	15.6
1-14	do	5.7	7-27	do	27.1
1-23	do	5.8	7-31	do	11.3
2- 3	Bishop-Christensen	5.6	8- 8	do	17.2
2- 6	Jack Ratliff	6.8	8-15	do	9.6
3- 1	R. F. Bishop	5.4	8-22	do	12.1
2-27	Jack Ratliff	6.0	8-30	do	8.2
3-10	do	6.2	9- 7	do	20.0
3-27	do	5.1	9-25	do	20.0
SKUNK CREEK					
Sec. 1-14-37 W.					
10-27	J. H. Hintz	2.9	5-19	J. H. Hintz	2.6
11-18	do	2.6	6- 8	do	2.5
12-13	do	2.8	6-29	do	2.3
1-11	do	2.7	7-13	do	2.3
2-11	do	2.8	7-27	do	2.5
2-27	do	2.8	8-17	do	2.3
3-25	do	2.7	9- 7	do	2.3
4-14	do	2.7	9-21	do	2.5
4-27	do	2.1			
SNAKE CREEK					
Above Elmore Reservoir—Sec. 24-25-52 W.					
10-13	R. F. Bishop	2.6	5- 3	R. F. Bishop	7.6
11- 4	do	2.8	6- 2	do	4.0
11-28	do	3.0	6-22	P. D. Harrington	1.9
1-20	do	2.0	7-21	R. F. Bishop	2.6
2- 7	do	3.2	8-26	do	1.9
3- 9	do	2.4	9-22	do	2.8
4- 3	do	6.8			
SNAKE CREEK					
Alliance-Bridgeport Highway—Sec. 17-24-48 W.					
10-13	R. F. Bishop	0.0	5- 3	R. F. Bishop	0.0
11- 4	do	.0	6- 2	do	.5
11-28	do	.0	6-22	P. D. Harrington	.0
1-20	do	.0	7-21	R. F. Bishop	.0
2- 7	do	.0	8-26	do	.0
3- 9	do	.0	9-22	do	.0
4- 3	do	2.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SNAKE CREEK					
Southeast of Alliance—Sec. 29-24-47 W.					
10-13	R. F. Bishop	1.7	5- 3	R. F. Bishop	2.0
11- 4	do	1.3	6- 2	do	1.6
11-28	do	1.4	6-22	P. D. Harrington	.0
1-20	do	.9	7-21	R. F. Bishop	.1
2- 7	C. D. Christensen	4.2	8-26	do	1.0
3- 9	R. F. Bishop	2.6	9-22	do	1.3
4- 3	do	1.9			
SNAKE CREEK					
One Mile West of Antioch—Sec. 7-24-45 W.					
5- 3	R. F. Bishop	0.0			
SOLDIER CREEK					
Above Ft. Robinson Reservoir—Sec. 4-31-53 W.					
10- 4	M. K. Wilgus	1.7	5- 6	M. K. Wilgus	3.0
11- 5	do	2.7	5-20	do	2.1
12-21	do	1.6	6-17	do	2.5
1-14	do	1.6	7-18	do	1.7
2- 4	do	2.3	8- 4	do	1.6
2-25	do	2.3	8-18	do	1.4
3-18	do	1.3	9- 1	do	.8
4- 8	do	2.7	9-18	do	2.4
SOUTHER LAKE (HOOKER CREEK)					
Sec. 30-32-51 W.					
6-26	M. K. Wilgus	0.0	7-13	M. K. Wilgus	0.0
SOW BELLY CREEK					
Sec. 17-33-55 W.					
11- 4	M. K. Wilgus	0.0	6- 2	M. K. Wilgus	1.4
1-10	do	.0	6-21	do	1.2
1-31	do	.0	7- 6	do	.9
2-21	do	4.4	7-31	do	.0
3- 2	do	1.5	8-15	do	.6
3-23	do	2.5	8-31	do	.0
4- 7	do	2.1	9-28	do	.0
5-11	do	1.4			
SOW BELLY CREEK					
Below Zimmerman—Sec. 34-33-55 W.					
11- 4	M. K. Wilgus	0.1	6-21	M. K. Wilgus	1.4
1-10	do	1.4	7- 6	do	.1
2- 9	do	4.3	7-31	do	.9
3- 2	do	1.0	8-11	do	.0
3-23	do	1.9	8-31	do	.0
4-14	do	1.8	9- 7	Wilgus-Rasmussen	.0
5-11	do	.4	9-28	M. K. Wilgus	.0
6- 2	do	.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SOW BELLY CREEK					
Sec. 5-32-55 W.					
11- 4	M. K. Wilgus	2.0	6-21	M. K. Wilgus	0.9
1-10	do	4.2	7- 6	do	.0
2- 9	do	3.9	7-14	Wilgus-Rasmussen	.0
3- 2	do	1.4	7-31	M. K. Wilgus	1.3
3-23	do	3.2	8-11	do	1.4
4-14	do	1.8	8-30	do	1.5
5-11	do	.1	9- 7	Wilgus-Rasmussen	1.1
6- 2	do	.3	9-28	M. K. Wilgus	1.6
SPOTTED TAIL CREEK, WET					
Sec. 6-22-55 W.					
10-11	D. J. Neely	17.6	5- 2	D. J. Neely	12.4
10-27	do	18.6	5-16	do	14.5
11-17	C. D. Christensen	15.6	5-31	do	16.0
12- 2	D. J. Neely	16.1	6-20	do	17.0
12-22	do	15.2	7-11	do	15.5
1- 9	do	14.7	7-25	do	17.5
1-26	do	12.5	8- 8	do	15.2
2- 7	do	12.4	8-22	do	17.6
2-27	do	13.5	8-29	P. D. Harrington	17.3
3-16	do	11.8	9- 5	D. J. Neely	20.5
3-31	do	11.3	9-19	do	18.6
4-18	do	11.4			
SPRING CREEK					
Wyoming-Nebraska Line—Sec. 4-23-58 W.					
3-21	D. J. Neely	4.6			
SPRING CREEK					
Tributary to Sow Belly Creek—Sec. 34-33-55 W.					
11- 4	M. K. Wilgus	0.0	6-21	M. K. Wilgus	0.0
2- 9	do	.0	7- 6	do	.0
3- 2	do	.0	7-31	do	.0
3-23	do	.0	8-11	do	.0
4-14	do	.0	8-30	do	.0
5-11	do	.1	9-28	do	.0
6- 2	do	.0			
SPRING CREEK					
Tributary to Little Cottonwood Creek—Sec. 13-32-52 W.					
10-18	M. K. Wilgus	0.1	3-29	M. K. Wilgus	4.9
11-10	do	.0	5-19	do	.3
12- 6	do	.0	6-24	do	.1
1-11	do	.0	7-18	do	.0
1-20	do	.0	8- 1	do	.1
2-11	do	.5	8- 9	do	.0
2-24	do	.5	9- 1	do	.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SQUAW CREEK					
Below Shepherd Canal—Sec. 36-34-57 W.					
5-12	M. K. Wilgus	0.0	7-6	M. K. Wilgus	0.0
6-23	do	.0	8-30	do	.0
SQUAW CREEK					
Above McDowell Reservoir—Sec. 12-31-52 W.					
10-3	M. K. Wilgus	0.0	4-28	M. K. Wilgus	0.3
10-26	do	.1	5-4	do	.5
11-10	do	.0	5-19	do	.4
12-6	do	.1	6-10	do	.3
12-21	do	.0	6-30	do	.1
1-12	do	.0	7-13	do	.2
1-27	do	.0	8-4	do	.0
2-10	do	.1	8-18	do	.0
3-4	do	.8	9-1	do	.0
3-22	do	1.2	9-29	do	.2
4-3	do	.8			
SQUAW CREEK					
Below McDowell Reservoir—Sec. 1-31-52 W.					
10-3	M. K. Wilgus	0.1	4-28	M. K. Wilgus	0.4
10-26	do	.1	5-4	do	.3
11-10	do	.1	5-19	do	.3
12-6	do	.2	6-10	do	.2
12-21	do	.2	6-30	do	.1
1-12	do	.1	7-13	do	.1
1-27	do	.2	8-4	do	.1
2-10	do	.3	8-18	do	.1
3-4	do	.3	9-1	do	.1
3-22	do	.3	9-29	do	.1
4-3	do	.2			
STREVER CREEK					
South of Overton—Sec. 1-8-20 W.					
10-6	D. B. Ender	12.0	12-28	D. B. Ender	9.1
10-13	do	10.0	2-9	do	8.3
11-3	do	7.6	3-15	do	9.3
11-17	do	8.3	3-30	do	13.4
12-1	do	10.2	4-12	do	14.6
12-14	do	7.8	4-28	do	10.0
SWEET AND CHERRY CREEKS					
Near Cairo South Line—Sec. 13-12-13 W.					
10-6	W. J. Page	0.0			
TURTLE CREEK					
Near Elyria—Sec. 31-20-14 W.					
6-26	W. J. Page	1.7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
VICTORIA CREEK					
Near Gates East Line—Sec. 2-19-21 W.					
6-13	Page-Proal	4.2	9-26	W. J. Page	4.7
6-28	W. J. Page	3.8			
WAGNER CREEK					
Near Comstock West Line—Sec. 3-18-17 W.					
10- 4	W. J. Page	0.3	6- 9	W. J. Page	0.2
WALNUT RUN CREEK					
Near Franklin—Sec. 32-2-14 W.					
4-28	L. F. Zabel	0.5	8-17	L. F. Zabel	0.0
6- 7	do	.1	9-28	do	.2
WARBONNET CREEK					
Above Warbonnet Canal—Sec. 21-33-56 W.					
10-31	Wilgus-Rasmussen	1.9	5-11	M. K. Wilgus	2.3
1-10	M. K. Wilgus	3.6	6- 1	do	2.4
2- 9	do	1.1	6-21	do	1.7
3- 2	do	4.9	7- 6	do	1.2
3-24	do	3.2	7-31	do	1.1
4- 7	do	2.5	8-15	do	.2
4-27	Wilgus-Rasmussen	2.4	8-31	do	.2
WARBONNET CREEK					
Below Warbonnet Canal—Sec. 20-33-56 W.					
10-31	Wilgus-Rasmussen	1.8	6- 1	M. K. Wilgus	0.8
1-10	M. K. Wilgus	3.8	6-21	do	.6
2- 9	do	3.5	7- 6	do	.0
3- 2	do	2.9	7-14	Wilgus-Rasmussen	.0
3-24	do	.4	7-31	M. K. Wilgus	.0
4- 7	do	4.3	8-15	do	.7
4-27	Wilgus-Rasmussen	.1	8-31	do	.6
5-11	M. K. Wilgus	3.1			
WHISTLE CREEK					
Near Mouth—Sec. 12-28-54 W.					
10-27	M. K. Wilgus	0.0	6-27	M. K. Wilgus	0.0
3-17	do	.6	7-20	do	.0
4-12	do	.7	8- 3	do	.0
5- 2	do	1.2	8-29	do	.0
5-24	Wilgus-Rasmussen	.1	9-12	do	.0
6- 9	M. K. Wilgus	.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WHITE CLAY CREEK					
Near Crawford—Sec. 2-31-52 W.					
10- 3	M. K. Wilgus	2.3	4-28	M. K. Wilgus	1.4
10-26	do	2.5	5- 4	do	2.9
11-10	do	1.1	5-19	do	1.6
12- 6	do	2.8	6-10	do	2.8
12-21	do	2.6	6-30	do	2.3
1-12	do	2.2	7-13	do	1.4
1-27	do	4.7	8- 4	do	1.4
2-10	do	6.4	8-18	do	.5
3- 4	do	2.4	9- 1	do	.6
3-22	do	2.9	9-29	do	1.5
4- 3	do	3.2			
WHITE CLAY CREEK					
Above Whitney Diversion—Sec. 26-32-52 W.					
10- 3	M. K. Wilgus	1.2	4- 6	M. K. Wilgus	1.9
10-26	do	1.9	4-28	do	2.2
11-10	do	1.4	5- 4	do	2.1
12- 6	do	1.6	5-19	do	1.0
12-21	do	2.6	6-10	do	1.6
1-12	do	2.4	6-30	do	.0
1-27	do	2.7	7-13	do	.0
2-10	do	3.2	8-18	do	.3
3- 4	do	.2	9- 1	do	.4
3-22	do	1.8	9-29	do	1.0
WHITE CLAY CREEK					
Above Junction with Larabee Creek—Sec. 6-34-44 W.					
11-15	M. K. Wilgus	2.7	5-15	M. K. Wilgus	3.5
12-28	Wilgus-Rasmussen	2.8	6- 5	do	3.3
1-23	do	1.4	7-27	do	3.5
3- 3	M. K. Wilgus	3.1	9-11	do	1.3
4-17	do	3.4			
WHITE HORSE CREEK					
Near Gannett—Sec. 5-13-29 W.					
10-21	D. B. Ender	12.8	5- 1	D. B. Ender	22.3
11-25	do	16.6	5- 9	do	33.3
12-16	do	13.0	5-17	do	15.1
1- 7	do	8.6	5-27	do	31.3
1-16	do	9.4	6-13	do	6.1
1-23	do	18.7	6-28	do	3.5
2-20	do	32.8	7-17	do	4.8
3- 6	do	31.0	8- 2	do	11.1
3-17	do	44.7	8-16	do	24.9
3-31	do	25.5	8-30	do	51.5
4- 8	do	31.4	9-20	do	22.4
4-17	do	25.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WHITE RIVER					
Above Whitney Diversion—Sec. 26-32-52 W.					
10-18	M. K. Wilgus	21.1	5-19	M. K. Wilgus	23.1
11- 8	do	20.8	6- 1	do	19.2
12- 6	do	21.7	6-24	do	6.1
12-19	do	24.5	6-29	do	1.2
12-29	do	7.8	7- 8	do	14.0
1-12	do	16.1	7-17	do	7.7
1-28	do	10.7	7-22	do	1.6
2- 6	do	13.0	8- 4	do	21.2
2-20	do	28.7	8-12	do	8.4
3- 6	do	23.0	8-19	do	2.1
3-22	do	36.3	9- 1	do	.6
4- 3	do	28.4	9- 9	do	.1
4-28	do	28.0	9-23	do	14.2
5- 4	do	29.6			
WHITE RIVER					
Below Whitney Diversion—Sec. 26-32-52 W.					
10-18	M. K. Wilgus	9.6	5-19	M. K. Wilgus	12.0
11- 8	do	24.5	6- 1	do	4.3
12- 6	do	6.3	6-24	do	2.8
12-19	do	7.8	6-29	do	1.1
12-29	do	5.7	7- 8	do	.9
1-12	do	.6	7-17	do	1.4
1-28	do	.4	7-22	do	14.5
2- 6	do	.8	8- 4	do	11.6
2-20	do	8.2	8- 9	do	.1
3- 6	do	5.2	8-12	do	6.4
3-22	do	7.1	8-19	do	3.2
4- 4	do	10.7	9- 1	do	.5
4-28	do	5.1	9- 9	do	.6
5- 4	do	8.3	9-23	do	2.2
WHITE RIVER					
Sec. 6-34-47 W.					
7-11	Wilgus-Rasmussen	5.5			
WHITE TAIL CREEK					
Sec. 36-15-38 W.					
10-14	J. H. Hintz	28.9	4- 7	J. H. Hintz	30.6
10-28	do	31.0	4-21	do	28.7
11- 4	do	29.5	5- 9	do	27.9
11-18	do	30.6	6- 2	do	26.9
11-29	do	30.8	6-22	do	26.1
12-13	do	28.8	7- 7	do	28.1
1-11	do	29.5	7-21	do	33.5
1-18	do	38.3	8- 4	do	29.9
2-10	do	31.4	8-18	do	30.2
2-28	do	31.8	9- 1	do	28.8
3- 8	do	31.6	9-15	do	49.5
3-17	do	30.7	9-29	do	29.2

DISCHARGE MEASUREMENTS OF STREAMS—Concluded
Year Ending September 30, 1950

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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WILLOW CREEK

Near Guide Rock—Sec. 1-1-10 W.

4-28	L. F. Zabel	0.8	8-11	L. F. Zabel	0.8
6-7	do	.9	9-27	do	1.3

WOOD RIVER

Near Grand Island—Sec. 29-11-9 W.

6-8	W. J. Page	16.4			
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**DISCHARGE
MEASUREMENTS
OF CANALS**

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MEASUREMENT OF CANALS

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
ABERDEEN CANAL—D-50b, A-1117					
Diverted from Frenchman River—Sec. 3-5-38 W.					
5-16	L. F. Zabel	0.0			
ADAMS CANAL—D-371					
Diverted from Lodgepole Creek—Sec. 3-14-52 W.					
4-25	R. F. Bishop	0.0	6-29	R. F. Bishop	0.0
5-10	do	.0	8-11	do	.0
5-23	do	.0	8-25	do	.0
6- 1	do	.0	9-20	do	.0
6-13	do	.0			
JOHN F. ADEN PUMP—A-3882					
Diverted from Mud (Beaver) Creek—Sec. 29-13-15 W.					
Measurement made at Pump Site					
8-17	W. J. Page	0.0			
AIRDALE CANAL NO. 1—A-698, A-1380					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
Measurements made at 5.5 ft. Weir					
5-10	Jack Ratliff	0.0	9-26	Jack Ratliff	0.6
8-17	do	.0			
AIRDALE CANAL NO. 2—A-699, A-1133					
Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.					
5-10	Jack Ratliff	0.0	8-17	Jack Ratliff	0.0
7-11	do	2.3	9-26	do	.0
AIRDALE CANAL NO. 3—A-1508					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
8-17	Jack Ratliff	0.0	9-26	Jack Ratliff	0.0
ALLEN-LARNED—D-117					
Diverted from Buffalo Creek—Sec. 18-1-40 W.					
6-15	L. F. Zabel	0.0	8- 1	A. E. Hulme	6.4
7-19	do	2.4	9-13	L. F. Zabel	5.0
7-26	A. E. Hulme	4.3			
ALMERIA CANAL—A-2469, A-2868, A-2869					
Diverted from North Loup River—Sec. 10-22-20 W.					
10- 6	W. J. Page	0.0	8- 8	W. J. Page	0.0
7-11	do	.0	8-22	do	.0
7-18	do	.0	9-19	do	.0
7-27	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
ANDERSON CANAL—D-373					
Diverted from Lodgepole Creek—Sec. 8-14-51 W.					
4-25	R. F. Bishop	0.0	8-16	R. F. Bishop	0.2
5-10	do	.0	8-25	do	2.2
5-23	do	.0	9- 7	do	.2
6- 1	do	.0	9-12	do	.2
6-13	do	.0	9-20	do	.0
6-29	do	.0	9-27	do	.0
8-11	do	.2			
ANDREWS SUPPLY CANAL—A-2558					
Diverted from Sow Belly Creek and Andrews Reservoir, A-2530 Sec. 5-32-55 W.					
5-17	Meyers-Rasmussen	0.0	8-19	M. K. Wilgus	0.0
6-28	Wilgus-Rasmussen	.0	9-19	do	.0
7-14	M. K. Wilgus	.0			
ASH CREEK, WEST, CANAL—A-434, D-452R					
Diverted from West Ash Creek—Sec. 35-32-51 W.					
5-11	R. V. Meyers	0.0	8-29	M. K. Wilgus	0.0
6-22	Christensen-Wilgus	.0	9-12	Wilgus-Rasmussen	.0
7-22	M. K. Wilgus	.0	9-28	M. K. Wilgus	.0
8-10	do	.0			
ATKINS POLLY CANAL—D-342, D-344					
Diverted from Lodgepole Creek—Sec. 30-15-55 W. Measurements made at Rating Flume					
3-22	R. F. Bishop	0.0	7- 6	R. F. Bishop	0.0
4-19	do	.0	8-22	Bishop-Lutey	2.9
5- 3	do	.0	8-22	do	1.4
5- 9	do	.0	8-22	R. F. Bishop	1.6
5-17	do	.0	8-23	do	1.1
5-24	do	.0	8-30	do	.9
5-31	do	.0	9- 6	do	4.4
6-14	do	.0	9-12	do	4.4
6-22	do	.0	9-19	do	5.2
6-28	do	.0	9-27	do	4.8
BAKER CANAL—A-884					
Diverted from Saw Log Creek, East—Sec. 5-30-51 W.					
6-30	M. K. Wilgus	0.0			
BAR 99 CANAL, NORTH—A-3321					
Diverted from Bear Creek—Sec. 16-34-37 W.					
10- 6	Meyers-Bishop	0.0	5- 3	R. V. Meyers	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BAR 99 CANAL, SOUTH—A-3321					
Diverted from Bear Creek—Sec. 16-34-37 W.					
10- 6	Meyers-Bishop	0.0	5- 3	R. V. Meyers	0.0
BAR 99 CANAL—A-2898					
Diverted from Bear Creek—Sec. 16-34-37 W.					
10- 6	Meyers-Bishop	0.0			
BARBER CANAL—D-754, A-1111					
Diverted from Clear Creek—Sec. 29-16-41 W.					
5- 9	Jack Ratliff	0.0	8-15	Jack Ratliff	1.0
7-18	do	.7	9- 2	do	.6
BARRETT CANAL—D-334					
Diverted from Lodgepole Creek—Sec. 32-14-46 W.					
4-27	R. F. Bishop	0.0	8-26	R. F. Bishop	0.0
5-11	do	.0			
BARRON CANAL, EAST—A-2024					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
5-12	R. V. Meyers	0.0	8-10	M. K. Wilgus	0.0
6- 9	do	.0	8-29	do	.0
6-22	Christensen-Wilgus	.0	9-12	Wilgus-Rasmussen	.0
7- 9	M. K. Wilgus	.0	9-28	M. K. Wilgus	0
7-22	do	.0			
BARRON CANAL, WEST—D-438R					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
5-12	R. V. Meyers	0.0	7-22	M. K. Wilgus	0.0
6- 9	do	.0	8-10	do	.0
6-22	Christensen-Wilgus	.0	9-12	Wilgus-Rasmussen	.0
7- 9	M. K. Wilgus	.0	9-28	M. K. Wilgus	.0
BARTLETT CANAL—A-2285					
Diverted from White River—Sec. 19-34-48 W.					
5-12	R. V. Meyers	0.0			
BASS NURSERY CANAL—A-3891					
Diverted from Big Bordeaux Creek—Sec. 23-33-48 W.					
6-23	Christensen-Wilgus	0.0			
BATES CANAL—A-2276					
Diverted from Bear Creek—Sec. 7-34-37 W.					
10- 6	Meyers-Bishop	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BATES CANAL—A-2276					
Diverted from Bear Creek—Sec. 8-34-37 W.					
10- 6	Meyers-Bishop	0.0	5- 3	R. V. Meyers	0.0
BATES CANAL—A-2276					
Diverted from Bear Creek—Sec. 12-34-38 W.					
10- 6	Meyers-Bishop	0.0			
BAUERSACHS CANAL—D-492					
Diverted from Hooker Creek—Sec. 7-31-51 W.					
10- 7	Meyers-Bishop	0.0			
BEAL CANAL—A-1620					
Diverted from South Platte River—Sec. 20-13-40 W.					
10- 6	J. H. Hintz	2.6	7-19	J. H. Hintz	0.4
10-14	do	3.6	7-25	do	6.1
10-27	do	11.8	8- 8	do	21.7
11- 9	do	14.1	8-22	do	9.5
4-20	do	5.0	9-15	do	5.0
4-29	do	4.4	9-22	do	6.8
5-12	do	.3	9-29	do	6.3
5-27	do	.2			
BEAUCHAMP CANAL—D-677					
Diverted from Birdwood Creek—Sec. 15-15-33 W.					
5-10	J. H. Hintz	0.0			
BEISER CANAL—A-1056					
Diverted from Niobrara River—Sec. 4-29-56 W.					
4-18	C. D. Christensen	0.0	8- 5	Wilgus-Rasmussen	0.0
5-24	R. V. Meyers	.0	8-26	M. K. Wilgus	.0
BELMONT CANAL—A-1397					
Diverted from Cedar Creek—Sec. 23-18-48 W.					
Measurements made at Rating Flume					
6-20	Jack Ratliff	0.0	8-22	Jack Ratliff	0.0
7- 5	do	7.0	9- 1	do	10.8
7-19	do	6.4	9-10	do	12.0
8- 1	do	6.5	9-22	do	.0
8-13	do	7.5			
BENDIX CANAL—A-189, A-1669					
Diverted from Sand Creek—Sec. 35-33-53 W.					
5-11	R. V. Meyers	0.0	7-20	M. K. Wilgus	0.0
6- 9	do	.0	8-29	do	.0
6-30	M. K. Wilgus	.0	9-10	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
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BENNETT CANAL—A-1249

Diverted from Niobrara River—Sec. 1-28-54 W.

5-24	R. V. Meyers	0.0	8-26	M. K. Wilgus	0.0
7-19	M. K. Wilgus	.0	9- 8	do	.0
8-10	do	.0	9-29	do	.0

BENNETT CANAL—A-691, A-1975

Diverted from Lodgepole Creek and Bennett Reservoir

Sec. 22-15-55 W.

3-22	R. F. Bishop	0.0	7-13	R. F. Bishop	5.7
4-19	do	.3	7-25	do	4.2
4-28	do	6.2	8- 2	do	1.6
5- 3	do	5.2	8-10	do	2.4
5- 9	do	5.0	8-16	do	4.1
5-17	do	.0	8-17	do	3.6
5-23	do	.0	8-23	do	5.8
6- 1	do	.0	8-30	do	4.4
6-13	do	.0	9- 6	do	2.6
6-23	do	4.3	9-12	do	2.7
6-28	do	.0	9-20	do	2.5
7- 6	do	5.4	9-27	do	2.4

BESSEY NURSERY CANAL—A-1226

Diverted from Middle Loup River—Sec. 3-22-26 W.

7-27	W. J. Page	0.3
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BICKEL-FADEN CANAL—D-347, A-719, A-724

Diverted from Lodgepole Creek—Sec. 30-15-55 W.

Measurements made at Rating Flume

3-22	R. F. Bishop	0.0	7- 8	R. F. Bishop	0.7
4-19	do	.0	7- 8	do	1.2
5- 3	do	.0	7-28	do	1.0
5- 9	do	.0	8- 2	do	1.1
5-17	do	.0	8-10	do	1.0
5-24	do	.0	8-15	do	.9
5-31	do	.0	8-23	do	.7
6-14	do	.0	8-24	do	.7
6-22	do	.0	8-30	do	.0
6-28	do	.0	9- 6	do	.0
7- 6	do	.0	9-12	do	.0

BIEHLE CANAL—D-538

Diverted from Spring Branch Creek—Sec. 32-33-56 W.

5-18	R. V. Meyers	0.0
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Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BIGELOW-SEYMOUR CANAL—D-510					
Diverted from Niobrara River—Sec. 19-31-57 W.					
4-18	C. D. Christensen	0.0	8- 2	M. K. Wilgus	0.0
5-24	R. V. Meyers	.0	8-30	do	1.4
6-15	C. D. Christensen	.0	9- 8	do	2.4
6-28	Wilgus-Rasmussen	.0	9-30	do	.0
7-15	M. K. Wilgus	.0			
BIRD-CAGE CANAL—D-892					
Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.					
5-10	Jack Ratliff	0.0	8-17	Jack Ratliff	0.0
7- 9	do	.0	9-26	do	.0
BIRDWOOD CANAL, WEST—D-652					
Diverted from Birdwood Creek—Sec. 22-15-33 W.					
Measurements made at Rating Flume					
10- 5	J. H. Hintz	0.6	6-30	J. H. Hintz	0.0
10-12	do	.4	7- 8	do	.0
10-26	do	.2	7-15	do	1.5
11- 3	do	.3	7-22	do	3.4
11-17	do	.1	8- 3	do	3.8
4-21	do	.0	8-10	do	.0
5- 4	do	.0	8-24	do	1.5
5-10	do	.0	8-31	do	2.6
5-19	do	.0	9- 7	do	1.3
5-25	do	.0	9-12	do	.8
6- 2	do	.0	9-20	do	6.6
6-10	do	.0	9-26	do	3.0
6-23	do	.0			
BLANK-JOY CANAL—A-2025					
Diverted from Center Creek—Sec. 1-1-15 W.					
5-26	L. F. Zabel	0.0	7-28	L. F. Zabel	2.2
6-30	do	.0			
BLUHM CANAL—A-1811					
Diverted from Lodgepole Creek—Sec. 36-14-48 W.					
4-26	R. F. Bishop	0.0	8-12	R. F. Bishop	0.0
5-11	do	.0	8-26	do	.0
6-30	do	.0			
BOBLITZ CANAL—D-219a, D-219b					
Diverted from South Loup River—Sec. 10-14-21 W.					
8-24	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BOELUS POWER CANAL—A-1373					
Diverted from Middle Loup River—Sec. 30-13-12 W.					
7- 7	W. J. Page	563.0	8-25	W. J. Page	573.0
8- 3	do	.0			
BOOTH CANAL, NORTH—D-309, D-310					
Diverted from Lodgepole Creek—Sec. 29-14-47 W.					
Measurements made at Rating Flume					
4-27	R. F. Bishop	0.0	6-30	R. F. Bishop	0.0
5-11	do	.0	8- 3	do	.0
5-25	do	.0			
BORDWELL CANAL, NORTH—D-303					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
4-26	R. F. Bishop	0.0	8- 3	R. F. Bishop	0.0
5-10	do	.0	8-12	do	1.2
5-25	do	.0	8-25	do	.0
6-15	do	.0	9- 7	do	.0
6-29	do	.0			
BORDWELL CANAL, SOUTH—D-302					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
4-26	R. F. Bishop	0.0	8- 3	R. F. Bishop	0.0
5-10	do	.0	8-12	do	.0
5-25	do	.0	8-25	do	.0
6-15	do	.0	9- 7	do	.0
6-29	do	.0			
BORQUIST CANAL, SOUTH—D-300					
Diverted from Lodgepole Creek—Sec. 34-14-49 W.					
4-26	R. F. Bishop	0.0	8- 3	R. F. Bishop	0.0
5-10	do	.0	8-12	do	.0
5-25	do	.0	8-25	do	.0
6-15	do	.0	9- 7	do	.0
6-29	do	.0			
BORQUIST CANAL, NORTH—D-301					
Diverted from Lodgepole Creek—Sec. 34-14-49 W.					
4-26	R. F. Bishop	0.0	8-3	R. F. Bishop	0.0
5-10	do	.0	8-12	do	.0
5-25	do	.0	8-25	do	.0
6-15	do	.0	9- 7	do	.0
6-29	do	.0			
BOURETT CANAL—A-4					
Diverted from Niobrara River—Sec. 33-30-56 W.					
8-5	Wilgus-Rasmussen	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BOURETT CANAL, SOUTH—A-5					
Diverted from Niobrara River—Sec. 29-30-56 W.					
8-5	Wilgus-Rasmussen	0.0			
BOURETT CANAL—A-542					
Diverted from Niobrara River—Sec. 29-30-56 W.					
8-5	Wilgus-Rasmussen	0.0			
BOURETT CANAL—A-546					
Diverted from Niobrara River—Sec. 19-30-56 W.					
4-18	C. D. Christensen	0.0	9-15	M. K. Wilgus	0.0
5-24	R. V. Meyers	.0	9-30	do	.0
8-5	Wilgus-Rasmussen	.0			
BOURETT CANAL—A-1057					
Diverted from Niobrara River—Sec. 33-30-56 W.					
8-5	Wilgus-Rasmussen	0.0			
BOURETT CANAL NO. 2—A-1209					
Diverted from Niobrara River—Sec. 29-30-56 W.					
8-5	Wilgus-Rasmussen	0.0			
BRADY CANAL—D-352					
Diverted from Lodgepole Creek—Sec. 28-15-54 W.					
4-5	R. F. Bishop	0.0	6-23	R. F. Bishop	0.0
4-25	do	4.1	6-28	do	.0
4-28	do	1.3	7-6	do	.0
5-3	do	2.2	7-13	do	.9
5-9	do	.7	7-27	do	.9
5-17	do	.0	8-16	do	.0
5-23	do	.0	9-12	do	.0
6-1	do	3.0	9-27	do	.0
6-13	do	4.5			
BROADHURST CANAL—A-1264					
Diverted from Little Cottonwood Creek—Sec. 7-32-51 W.					
4-14	R. V. Meyers	0.0			
BRITTON PUMP—A-2467					
Diverted from North Loup River—Sec. 26-21-18 W.					
Measurement made at Pump Site					
7-11	W. J. Page	0.0			
BROWN PUMP—A-3758					
Diverted from Indian Creek—Sec. 23-2-36 W.					
6-15	L. F. Zabel	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BULLOCK CANAL—D-296					
Diverted from Lodgepole Creek—Sec. 3-13-46 W.					
4-27	R. F. Bishop	0.0	8- 4	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
6-21	do	.0			
BULLOCK CANAL—D-437					
Diverted from Lodgepole Creek—Sec. 4-13-46 W.					
4-27	R. F. Bishop	0.0	7-15	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
5-26	do	.0			
BUSHNELL CANAL—A-504					
Diverted from Lodgepole Creek—Sec. 2-14-58 W.					
4-10	R. F. Bishop	0.0	7-12	R. F. Bishop	0.0
5- 2	do	.0	8- 1	do	.0
5-16	do	.0	8-15	do	.0
5-24	do	.0	8-30	do	.0
6-14	do	.0	9-13	do	.0
6-27	do	.0	9-26	do	.0
BUTLER PUMP—A-3443					
Diverted from Republican River—Sec. 31-1-7 W.					
Measurement made at Pump Site					
8- 4	L. F. Zabel	0.0			
CALADONIA CANAL—A-1681, A-1683					
Diverted from Jim Creek and Caladonia Reservoir					
Sec. 13-33-57 W.					
7-13	M. K. Wilgus	0.0	8-23	M. K. Wilgus	0.0
7-28	do	.0	9-21	do	.0
CAPELLEN PUMP—A-3883					
Diverted from Mud (Beaver) Creek—Sec. 13-13-16 W.					
Measurement made at Pump Site					
8-17	W. J. Page	0.8			
CAPRON CANAL—D-890					
Diverted from Greenwood Creek—Sec. 15-18-50 W.					
5-13	C. D. Christensen	0.0	8-25	Jack Ratliff	0.0
CARPENTER CANAL—A-1861					
Diverted from Turkey Creek—Sec. 30-4-21 W.					
5-26	L. F. Zabel	0.0	8-12	L. F. Zabel	1.1

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
CARTWRIGHT PUMP—A-3117					
Diverted from Ash Creek—Sec. 7-32-50 W.					
Measurements made at Pump Site					
5-11	R. V. Meyers	0.0	8-29	M. K. Wilgus	0.0
6-22	Christensen-Wilgus	.0			
CHAMPION CANAL—D-47, A-1108					
Diverted from Frenchman River—Sec. 23-6-40 W.					
5-17	L. F. Zabel	20.2	8-8	L. F. Zabel	17.6
6-28	do	3.9			
CHAMPION CREAMERY—A-591					
Diverted from Frenchman River—Sec. 21-6-39 W.					
5-17	L. F. Zabel	0.0			
CHAMPION MILL—D-179					
Diverted from Frenchman River—Sec. 21-6-39 W.					
5-17	L. F. Zabel	0.0			
CHASE COUNTY LAND AND LIVESTOCK CANAL NO. 1—A-57					
Diverted from Stinking Water Creek—Sec. 4-7-38 W.					
6-21	L. F. Zabel	1.4			
CHASE COUNTY LAND AND LIVESTOCK CANAL—D-57					
Diverted from Stinking Water Creek—Sec. 10-7-38 W.					
6-21	L. F. Zabel	0.0			
CHAULK CANAL—A-1406					
Diverted from Trunk Butte Creek—Sec. 25-33-50 W.					
5-12	R. V. Meyers	0.0			
CHRISTENSEN CANAL, NORTH—D-367					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
4-25	R. F. Bishop	0.0	7-28	R. F. Bishop	0.0
5- 4	do	.9	8-11	do	.0
5-10	do	1.4	8-25	do	.0
5-17	do	1.5	9-12	do	0
6-13	do	.0	9-20	do	.0
6-29	do	.0	9-27	do	.0
7- 6	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
CHRISTENSEN CANAL, SOUTH—D-366					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
4-25	R. F. Bishop	0.0	7- 6	R. F. Bishop	0.0
5- 4	do	1.8	7-28	do	.0
5-10	do	1.6	8-11	do	.0
5-17	do	1.6	8-25	do	.0
6- 1	do	.0	9-12	do	.0
6-13	do	.0	9-20	do	.0
6-29	do	.0	9-27	do	.0
CIRCLE ARROW CANAL—D-346					
Diverted from Lodgepole Creek—Sec. 20-15-54 W.					
4- 5	R. F. Bishop	0.0	6-23	R. F. Bishop	0.0
4-25	do	.2	6-28	do	.0
5- 3	do	4.0	7-13	do	.0
5- 9	do	5.3	7-26	Bishop-Christensen	1.7
5-17	do	5.6	8-16	R. F. Bishop	.0
5-23	do	6.0	9-12	do	.0
6- 1	do	5.7	9-27	do	.0
6-13	do	.0			
CLEAR CREEK CANAL—D-748					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements made at Rating Flume					
5- 9	Jack Ratliff	0.0	8-15	Jack Ratliff	0.0
7-18	do	.0	9- 2	do	.0
COFFEE CANAL, EAST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
4-26	C. D. Christensen	0.0	7-28	M. K. Wilgus	0.9
5-19	R. V. Meyers	.0	8-19	do	.0
6-28	Wilgus-Rasmussen	0	9-19	do	.0
7-12	M. K. Wilgus	2.4			
COFFEE CANAL, WEST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
5-19	R. V. Meyers	0.0	7-28	M. K. Wilgus	0.0
6-28	Wilgus-Rasmussen	.0	8-19	do	.0
7-12	M. K. Wilgus	.0			
COFFEE AND SON FLOOD CANAL—A-1236					
Diverted from Hat Creek—Sec. 14-33-55 W.					
5-19	R. V. Meyers	0.0	7-14	M. K. Wilgus	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
COLE PROJECT DAM NO 1—A-2254					
Diverted from Bear Creek—Sec. 14-34-37 W.					
5- 3	R. V. Meyers	0.0	8-24	M. K. Wilgus	0.0
6-23	Christensen-Wilgus	.0	9-23	do	.0
7-27	M. K. Wilgus	.0			
COOK CANALS, NO. 1 AND NO. 2—D-980					
Diverted from Niobrara River—Sec. 2-28-56 W.					
1-19	C. D. Christensen	0.0	8- 5	Wilgus-Rasmussen	0.0
5-24	R. V. Meyers	.0	8-26	M. K. Wilgus	.0
7-15	M. K. Wilgus	.0	9-29	do	.6
COOK CREEK CANAL—A-1491					
Diverted from Cook Creek—Sec. 33-2-18 W.					
5-26	L. F. Zabel	0.0			
COOPER-ANDERSON PUMP—A-3115					
Diverted from Mud (Beaver) Creek—Sec. 28-14-16 W. Measurement made at Pump Site					
8-27	W. J. Page	0.0			
COOPER CANAL—A-333					
Diverted from Squaw Creek—Sec. 36-32-52 W.					
6-25	M. K. Wilgus	0.0	8- 3	M. K. Wilgus	0.0
7- 8	do	.0	8-17	do	.0
7-22	do	.0	9-12	do	.0
COOPER CANAL, EAST—A-42					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
5-10	R. V. Meyers	0.0	8-12	M. K. Wilgus	0.0
6-25	M. K. Wilgus	.0	9-13	do	1.7
8-1	do	.4			
COOPER SUPPLY CANAL—A-2063					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
5-10	R. V. Meyers	0.0	8-12	M. K. Wilgus	1.0
6-25	M. K. Wilgus	.0	9-13	do	.0
S- 1	do	.0			
CRESCENT CANAL—A-1575					
Supplemental Storage Withdrawn from Crescent Lake NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-20-44 W.					
7-25	Jack Ratliff	15.4	8-16	Jack Ratliff	0.0
7-25	do	21.0	8-23	do	.0
7-28	do	33.8	8-30	do	3.5
8- 4	do	13.2	9- 6	do	.6
8- 9	do	34.5			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
CREWS CANAL—D-1025R, PETITION 241					
Diverted from Republican River, North Fork—Sec. 21-1-41 W.					
6-15	L. F. Zabel	0.0	9-13	L. F. Zabel	0.0
CREWS CANALS NO. 2 AND NO. 3—A-1709, A-1826					
Diverted from Republican River, North Fork—Sec. 20-1-41 W.					
6-14	L. F. Zabel	0.0	9-13	L. F. Zabel	0.0
CRIGLER CANAL—D-861, A-486					
Diverted from Lawrence Fork—Sec. 1-18-52 W.					
5-10	C. D. Christensen	4.4	7-29	C. D. Christensen	0.2
5-11	do	5.8	8- 2	do	.7
5-20	do	4.5	8- 5	do	1.1
7- 4	P. D. Harrington	.0	8-12	do	.7
7- 9	C. D. Christensen	1.0	8-15	do	.0
7-27	do	.2	8-22	do	.0
CROOK CANAL—A-345					
Diverted from Goose Creek—Sec. 33-25-24 W.					
7-27	W. J. Page	0.0			
CROSS CANAL—A-1808					
Diverted from Willow Creek—Sec. 16-19-56 W.					
7-11	Jack Ratliff	1.2	9-26	Jack Ratliff	1.3
CRYSTAL SPRINGS CANAL—A-1615					
Diverted from Crystal Springs—Sec. 10-2-13 W.					
5-26	L. F. Zabel	0.0			
DAVIS PUMP—A-1895					
Diverted from Lillian Creek—Sec. 1-19-20 W.					
Measurement made at Pump Site					
7-19	W. J. Page	0.0			
DE GROFF PUMP—A-2957					
Diverted from Driftwood Creek—Sec. 14-2-30 W.					
Measurement made at Pump Site					
7- 8	L. F. Zabel	0.0			
DEVINE PUMP—A-3208					
Diverted from South Loup River—Sec. 17-14-20 W.					
Measurement made at Pump Site					
8-24	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
DICKINSON CANAL—D-967					
Diverted from Lodgepole Creek—Sec. 33-14-47 W.					
4-27	R. F. Bishop	4.7	6-30	R. F. Bishop	0.0
5-11	do	.2	8-4	do	.0
5-25	do	.0	8-26	do	.0
DICKINSON CANAL—D-969					
Diverted from Lodgepole Creek—Sec. 26-14-47 W.					
4-27	R. F. Bishop	0.0	8-4	R. F. Bishop	0.0
5-11	do	.0	8-26	do	.0
6-30	do	.0			
DIETRICH PUMP—A-2464					
Diverted from Mud Creek—Sec. 4-12-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	0.0			
DODD-MCDOWELL CANAL—A-1276					
Diverted from Little Cottonwood Creek—Sec. 13-32-53 W.					
6-29	M. K. Wilgus	0.0	7-20	M. K. Wilgus	0.0
DORIS LAKE CANAL—A-3190					
Diverted from Middle Loup River—Sec. 9-19-19 W.					
7-19	W. J. Page	0.0			
DOUT CANAL—D-539b					
Diverted from Warbonnet Creek—Sec. 30-33-56 W.					
5-18	R. V. Meyers	0.0			
DOUT BROTHERS CANAL—D-981					
Diverted from Jim Creek—Sec. 7-33-56 W.					
7-13	M. K. Wilgus	0.0	8-23	M. K. Wilgus	0.0
8-2	do	.0	9-21	do	.0
DUNN CANAL—A-649					
Diverted from Little Cottonwood Creek—Sec. 9-32-52 W.					
5-11	R. V. Meyers	0.0	8-12	M. K. Wilgus	0.0
6-29	M. K. Wilgus	.0	8-29	do	.0
7-20	do	.0	9-10	do	.0
EARNEST CANAL NO. 1—D-514a					
Diverted from Niobrara River—Sec. 9-29-56 W.					
4-18	C. D. Christensen	0.0	8-5	Wilgus-Rasmussen	9.6
5-24	R. V. Meyers	.0	8-26	M. K. Wilgus	3.0
6-15	C. D. Christensen	.0	9-15	do	.0
7-15	M. K. Wilgus	.0	9-30	do	8.8

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
EARNEST CANAL NO. 2—D-514b					
Diverted from Niobrara River—Sec. 9-29-56 W.					
4-18	C. D. Christensen	0.0	8-26	M. K. Wilgus	0.0
5-24	R. V. Meyers	0	9-15	do	7.8
7-15	M. K. Wilgus	8.0	9-30	do	.0
8-5	Wilgus-Rasmussen	.0			
EGGELSTON PUMP—A-3637					
Diverted from South Loup River—Sec. 14-14-21 W.					
Measurement made at Pump Site					
8-24	W. J. Page	0.0			
EICHELBERGER PUMP—A-3186					
Diverted from South Loup River—Sec. 10-14-21 W.					
Measurement made at Pump Site					
8-24	W. J. Page	0.0			
EMPIRE RANCH CANAL—A-2405					
Diverted from Goose Creek—Sec. 35-36-25 W.					
7-27	W. J. Page	0.0			
EMPIRE CANAL—D-858, A-866					
Diverted from North Platte River—Sec. 20-20-51 W.					
Measurements made at Rating Flume					
10-6	Jack Ratliff	0.0	8-29	D. J. Neely	2.3
7-13	C. D. Christensen	10.1	9-6	do	1.3
8-6	R. F. Bishop	2.7	9-13	do	1.9
8-13	D. J. Neely	2.8	9-21	do	2.8
8-22	do	3.7	9-29	do	1.0
ERICSON CANAL—D-209					
Diverted from Goose Creek—Sec. 18-25-24 W.					
7-27	W. J. Page	0.0			
EXCELSIOR CANAL—D-568, A-2264					
Diverted from Niobrara River—Sec. 10-28-52 W.					
7-19	M. K. Wilgus	0.0	9-8	M. K. Wilgus	8.0
8-10	do	0	9-27	do	.0
8-25	do	9.9			
FELDMAN PUMP—A-3025					
Diverted from Mud (Beaver) Creek—Sec. 33-14-16 W.					
Measurement made at Pump Site					
8-17	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
FISHER PUMP—A-3157					
Diverted from Mud (Beaver) Creek—Sec. 34-13-15 W. Measurement made at Pump Site					
8-11	W. J. Page	0.0			
FOLLETT-KROTTER CANAL—A-705, A-720, A-975, A-2294, A-2805					
Diverted from Frenchman River—Sec. 35-5-34 W. Measurements made at Rating Flume					
5-24	L. F. Zabel	0.0	6-21	L. F. Zabel	2.2
FORBES CANAL NO. 1—A-663					
Diverted from Spring Creek—Sec. 20-32-52 W.					
7-20	M. K. Wilgus	0.0			
FORSLING-KINNEY CANAL—A-718, D-348					
Diverted from Lodgepole Creek—Sec. 33-15-56 W.					
3-21	R. F. Bishop	0.0	5-31	R. F. Bishop	0.0
4- 6	do	.0	6-14	do	.0
4-19	do	.0	6-22	do	.0
5- 2	do	.0	6-28	do	.0
5- 9	do	.0	7- 5	Bishop-Lutey	.0
5-17	do	.0	7-13	do	.0
5-24	do	1.1			
FRYE PUMP—A-3696					
Diverted from Mud Creek—Sec. 2-12-15 W. Measurement made at Pump Site					
8-11	W. J. Page	0.0			
FULLER PUMP—A-3425					
Diverted from Lodgepole Creek—Sec. 15-14-51 W. Measurement made at Pump Site					
8-16	R. F. Bishop	1.9	9- 7	R. F. Bishop	2.0
8-25	do	.0	9-20	do	.0
FURMAN CANAL, NORTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
4-21	C. D. Christensen	0.0	8-15	M. K. Wilgus	0.0
5-25	R. V. Meyers	.0	9- 7	do	3.3
7-19	M. K. Wilgus	.0	9-27	do	11.3
7-29	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
FURMAN CANAL, SOUTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
7-19	M. K. Wilgus	0.0	9- 7	M. K. Wilgus	0.0
7-29	do	.0	9-27	do	.0
8-15	do	.0			
GALLUP CANAL—D-426					
Diverted from Chadron Creek—Sec. 15-33-49 W.					
10- 6	Meyers-Bishop	0.0			
GARDNER CANAL—A-1647					
Diverted from Little Cottonwood Creek—Sec. 6-1-15 W.					
5-26	L. F. Zabel	0.0			
GARTON CANAL—D-503					
Diverted from Warbonnet Creek—Sec. 31-33-56 W.					
5-18	R. V. Meyers	0.0			
GEIKE CANAL—A-1967					
Diverted from Geike Creek—Sec. 19-33-56 W.					
7-13	M. K. Wilgus	0.1			
GEISER CANAL—A-3414					
Diverted from Whitehead Creek—Sec. 4-34-54 W.					
8- 4	Wilgus-Rasmussen	0.0			
GEORGE CANAL—A-3525					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
6-29	R. F. Bishop	0.0	8-25	R. F. Bishop	0.0
GILES CANAL—D-187					
Diverted from Goose Creek—Sec. 2-25-25 W.					
7-27	W. J. Page	0.8			
GIVENS PUMP—A-3361					
Diverted from Mud (Beaver) Creek—Sec. 35-14-16 W.					
Measurement made at Pump Site					
8-17	W. J. Page	0.0			
GLENDY PUMP—A-3218					
Diverted from South Loup River—Sec. 13-14-21 W.					
Measurement made at Pump Site					
8-24	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
GLENDY PUMP—A-3195					
Diverted from South Loup River—Sec. 13-14-21 W. Measurement made at Pump Site					
8-24	W. J. Page	0.0			
GOCHNAUER CANAL—A-2420					
Diverted from Big Bordeaux Creek—Sec. 10-33-48 W.					
5-4	R. V. Meyers	0.0			
GOTTBERG CANAL—A-2					
Diverted from Shell Creek—Sec. 24-18-1 W.					
5-21	W. J. Page	0.0			
GRACIE HIGHLINE CANAL—A-397					
Diverted from Gracie Creek—Sec. 29-23-17 W.					
7-20	W. J. Page	0.0			
GROSBACH-WILLIAMS PLANT—A-2338					
Diverted from Frenchman River—Sec. 5-5-37 W.					
6-21	L. F. Zabel	49.8	9-7	L. F. Zabel	0.0
GROTE CANAL—A-3451					
Diverted from Grote Reservoir and Cedar Creek Sec. 3-32-56 W.					
7-13	M. K. Wilgus	0.0			
GUNDERSON CANAL—D-305					
Diverted from Lodgepole Creek—Sec. 1-14-52 W.					
4-25	R. F. Bishop	0.0	6-29	R. F. Bishop	0.0
5-4	do	.0	7-28	do	.0
5-10	do	.0	8-11	do	.0
5-17	do	.0	8-25	do	.0
5-23	do	.0	8-31	do	.0
6-1	do	.0	9-20	do	.0
6-13	do	.0			
GUTHRIE CANAL—D-1036					
Diverted from Republican River—Sec. 34-1-7 W.					
5-25	L. F. Zabel	369.0	8-3	L. F. Zabel	203.0
6-29	do	406.0			
HADLEY CANAL—A-1964					
Diverted from Red Willow Creek—Sec. 36-3-28 W.					
5-13	L. F. Zabel	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HAGEMAN CANAL—A-2046					
Diverted from White River—Sec. 26-33-50 W.					
8-15	M. K. Wilgus	2.1			
HAIGLER CANAL—D-1025					
Diverted from Republican River—Sec. 2-1-43 W.					
5-17	D. T. Hartley	0.0	7-25	A. E. Hulme	44.7
6-15	L. F. Zabel	.0	8-9	do	44.4
6-21	Hulme-Hartley	.0	8-23	L. F. Zabel	49.8
7-6	Hougnon-Sibbitt	44.3	9-13	do	40.2
7-19	L. F. Zabel	48.4			
HAIGLER CANAL—D-1025					
Diverted from Republican River—Sec. 16-1-43 W.					
7-6	Hougnon-Sibbitt	4.5	8-9	A. E. Hulme	24.6
7-19	L. F. Zabel	27.3	8-23	L. F. Zabel	28.5
7-25	A. E. Hulme	22.0	9-13	do	16.7
HALL CANAL NO. 2—D-478c					
Diverted from White River—Sec. 34-32-52 W.					
5-20	R. V. Meyers	0.0	8-12	M. K. Wilgus	0.0
6-24	Christensen-Wilgus	.0	8-29	do	.0
HALLER PUMP—A-2423					
Diverted from Mud (Beaver) Creek—Sec. 19-14-16 W.					
8-17	W. J. Page	0.0			
HALLOWAY-PHELPS CANAL—D-717					
Diverted from White Tail Creek—Sec. 36-15-38 W.					
5-11	J. H. Hintz	0.0			
HAMLIN CANAL—D-555					
Diverted from Squaw Creek—Sec. 10-33-57 W.					
4-26	C. D. Christensen	0.2	9-21	Wilgus-Rasmussen	0.0
HANNAH CANAL—D-886					
Diverted from North Platte River—Sec. 24-18-47 W.					
9-28	Jack Ratliff	0.0			
HARPER CANAL—A-2316					
Diverted from Clear Creek—Sec. 32-16-41 W.					
5-9	Jack Ratliff	0.0	8-15	Jack Ratliff	0.0
7-18	do	.0	9-2	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HARRIS CANAL—A-1996					
Diverted from Harris Reservoir—Sec. 32-33-52 W.					
8- 4	Wilgus-Rasmussen	0.0			
HARRIS RESERVOIR—A-1689					
Diverted from Saxon Draw—Sec. 32-33-52 W.					
7-20	M. K. Wilgus	0.0	8- 4	Wilgus-Rasmussen	0.0
HARRIS-COOPER (PINNEY) SUPPLY CANAL—A-1122					
Diverted from White River—Sec. 26-32-52 W.					
4-14	R. V. Meyers	0.0	6-29	M. K. Wilgus	0.0
HARRIS-COOPER CANAL—D-464b					
Diverted from White River—Sec. 26-32-52 W.					
5-20	R. V. Meyers	0.0	8-29	M. K. Wilgus	0.0
6-29	M. K. Wilgus	.0	9- 9	do	.0
7-20	do	.0	9-26	do	.0
8- 2	do	.0			
HARRIS-NEECE CANAL—D-517, A-2275					
Diverted from Niobrara River—Sec. 3-28-55 W.					
4-19	C. D. Christensen	14.8	8-26	M. K. Wilgus	0.0
6-15	do	7.1	9- 8	do	14.2
7-19	M. K. Wilgus	.0	9-29	do	11.6
8- 5	Wilgus-Rasmussen	.0			
HARRISON CANAL—D-547					
Diverted from White Head Creek—Sec. 13-33-54 W.					
8- 4	Wilgus-Rasmussen	0.0			
HARRY CANAL—A-2179					
Diverted from Norman Reservoir—Sec. 8-32-50 W.					
8-24	M. K. Wilgus	0.5	9- 9	M. K. Wilgus	0.0
HARTZELL CANAL—D-448					
Diverted from Bordeaux Creek—Sec. 13-33-48 W.					
5- 4	R. V. Meyers	0.0			
HAT CREEK CANAL, WEST—D-553a					
Diverted from Hat Creek—Sec. 16-32-55 W.					
7-12	M. K. Wilgus	0.0	9-15	M. K. Wilgus	0.0
7-28	do	.0	9-16	Wilgus-Rasmussen	.0
8-19	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HAZELTON CANAL—D-475					
Diverted from White Clay Creek—Sec. 13-21-52 W.					
8-3	M. K. Wilgus	0.9	9-7	M. K. Wilgus	0.8
8-17	do	.5			
HEARD CANAL NO. 1—D-916					
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.					
5-10	Jack Ratliff	0.0	9-26	Jack Ratliff	0.9
8-17	do	.0			
HEARD CANAL NO. 2—D-916					
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.					
5-10	Jack Ratliff	0.0	9-26	Jack Ratliff	0.0
8-17	do	.0			
HESTERWORTH PUMP—A-1332					
Diverted from Driftwood Creek—Sec. 14-2-30 W. Measurement made at Pump Site					
7-8	L. F. Zabel	0.0			
HIGH LINE CANAL—A-1682					
Diverted from Jim Creek—Sec. 13-33-57 W.					
4-26	C. D. Christensen	0.0	7-28	M. K. Wilgus	0.0
5-18	R. V. Meyers	.0	8-23	do	.0
7-13	M. K. Wilgus	.0	9-21	Wilgus-Rasmussen	.0
HITSHEW CANAL—A-2509, A-1260					
Diverted from Niobrara River—Sec. 6-28-52 W.					
4-21	C. D. Christensen	0.0	8-26	M. K. Wilgus	0.0
4-24	R. V. Meyers	.0	9-8	do	.0
7-19	M. K. Wilgus	.0	9-29	do	4.2
8-10	do	.0			
HOFFMEISTER RESERVOIR CANAL—A-2570					
Diverted from Hoffmeister Reservoir—Sec. 30-6-38 W. Measurement made at Pump Site					
8-22	L. F. Zabel	2.1			
HOFFMEISTER PUMP—A-2575					
Diverted from Hoffmeister Reservoir, A-2570—Sec. 30-6-38 W. Measurement made at Pump Site					
8-22	L. F. Zabel	2.3			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HOLCOMB CANAL, EAST—D-636					
Diverted from Pawnee Creek—Sec. 13-13-28 W.					
Measurements made at Rating Flume					
10- 4	D. B. Ender	1.2	8- 5	D. B. Ender	1.3
10-22	do	1.0	9- 7	do	1.2
5- 9	do	.0	9-20	do	1.1
7-23	do	.0			
HOLLINGSWORTH CANAL—D-723					
Diverted from South Platte River—Sec. 7-13-38 W.					
Measurements made at Rating Station					
10- 6	J. H. Hintz	1.9	5-27	J. H. Hintz	20.8
10-14	do	.8	6- 3	do	14.7
10-27	do	8.9	7-12	do	7.1
11- 9	do	6.2	7-19	do	12.2
11-24	do	.0	7-25	do	4.3
4-14	do	.0	8- 8	do	6.4
4-20	do	.0	8-22	do	12.4
4-29	do	.2	8-29	do	9.6
5- 5	do	.0	9-15	do	16.5
5-12	do	9.8	9-22	do	3.4
5-20	do	11.6	9-29	do	12.3
HOOVER CANAL—D-353					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
4-18	R. F. Bishop	0.4	7-12	R. F. Bishop	0.0
5- 2	do	1.7	8- 1	do	.0
5-16	do	2.1	8-15	do	.0
5-24	do	1.9	8-30	do	.0
5-31	do	1.6	9-13	do	.0
6-14	do	2.0	9-26	do	.0
6-27	do	2.6			
HOPEFUL CANAL—A-2135					
Diverted from Lawrence Fork—Sec. 1-18-52 W.					
4- 8	R. F. Bishop	0.0			
HORSE CREEK CANAL—D-159, D-173					
Diverted from Horse Creek—Sec. 23-1-39 W.					
6-15	L. F. Zabel	0.0	9-13	L. F. Zabel	0.0
7-19	do	.0			
HOWARD CANAL—D-336, A-1645					
Diverted from Lodgepole Creek—Sec. 31-14-47 W.					
4-26	R. F. Bishop	0.0	8- 3	R. F. Bishop	0.0
5-11	do	.0	8-25	do	.0
6-30	do	.0			

Note: Headgate measurement unless otherwise stated.

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HOYT CANAL—A-3597					
Diverted from Driftwood Creek—Sec. 25-2-31 W.					
7- 8	L. F. Zabel	0.0			
HUGHES CANAL—D-987a, D-987b					
Diverted from Niobrara River—Sec. 1-28-52 W.					
6-15	C. D. Christensen	0.0	8-25	M. K. Wilgus	0.0
7-19	M. K. Wilgus	.0	9- 8	do	.0
8-10	do	.0	9-27	do	3.8
HURLEY-LILLY-POLLY CANAL—D-354					
Diverted from Lodgepole Creek—Sec. 26-15-56 W.					
Measurements made at Rating Flume					
4-19	R. F. Bishop	0.0	7-22	R. F. Bishop	2.6
5- 3	do	.0	7-28	do	2.9
5- 9	do	.0	8- 2	do	2.7
5-17	do	.0	8-10	do	3.6
5-24	do	.0	8-15	do	3.4
5-31	do	.0	8-23	do	1.0
6-14	do	.0	8-30	do	3.1
6-22	do	.0	9- 6	do	2.5
6-28	do	4.8	9-12	do	2.2
7- 5	do	2.6	9-19	do	2.1
7-13	do	2.9			
HUTZEL CANAL—A-704					
Diverted from White Clay Creek—Sec. 13-31-52 W.					
6-30	M. K. Wilgus	0.0			
ICKES CANAL—D-329					
Diverted from Lodgepole Creek—Sec. 28-14-50 W.					
6-29	M. K. Wilgus	0.0			
IMPERIAL POWER CANAL—A-1474					
Diverted from Frenchman River—Sec. 25-6-39 W.					
5-31	L. F. Zabel	5.4	7-26	L. F. Zabel	36.1
INDEPENDENT CANAL—D-343					
Diverted from Lodgepole Creek—Sec. 7-14-58 W.					
5- 2	R. F. Bishop	2.6	8- 1	R. F. Bishop	0.0
5-16	do	8.6	8-15	do	.0
5-24	do	4.0	8-30	do	.0
6-14	do	4.7	9-13	do	.0
6-27	do	1.7	9-26	do	.0
7-12	Bishop-Kimmel	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
INMAN CANAL—D-79, A-436					
Diverted from Frenchman River—Sec. 17-6-40 W.					
Measurements made at Rating Flume					
5-17	L. F. Zabel	0.0	6-28	L. F. Zabel	0.0
JAMES CANAL—A-3417					
Diverted from Soldier Creek—Sec. 5-31-53 W.					
9-7	M. K. Wilgus	0.0			
JANSSEN CANAL—A-2231					
Diverted from Pawnee Creek—Sec. 29-13-27 W.					
7-23	D. B. Ender	0.0			
JENKINS CANAL—A-924					
Diverted from Buffalo Creek—Sec. 18-1-40 W.					
6-15	L. F. Zabel	0.0	8-8	A. E. Hulme	0.0
7-19	do	.0	9-13	L. F. Zabel	.0
8-1	A. E. Hulme	1.3			
JOHNSON CANAL—D-511					
Diverted from Niobrara River—Sec. 36-31-57 W.					
7-15	M. K. Wilgus	0.0	9-15	M. K. Wilgus	0.0
8-4	Wilgus-Rasmussen	.8	9-30	do	.0
8-26	M. K. Wilgus	2.0			
JOHNSON CANAL—A-612					
Diverted from Lodgepole Creek—Sec. 23-13-45 W.					
4-29	R. F. Bishop	0.0	8-4	R. F. Bishop	0.5
5-12	do	.0	8-12	do	.5
5-26	do	.0	8-18	do	3.6
6-21	do	.0	9-14	do	.0
7-15	do	.0	9-21	do	.0
JOHNSON PUMP—A-1447					
Diverted from Sand Creek—Sec. 10-15-23 W.					
Measurement made at Pump Site					
8-24	W. J. Page	0.0			
JONES CANAL—A-391					
Diverted from White River—Sec. 18-34-48 W.					
5-12	R. V. Meyers	0.0			
JORDAN CANAL—A-2032					
Diverted from Monroe Creek—Sec. 22-33-56 W.					
4-26	C. D. Christensen	0.0	9-19	M. K. Wilgus	0.0
5-17	Meyers-Rasmussen	.0	9-21	Wilgus-Rasmussen	0
8-20	Wilgus-Rasmussen	.2	9-29	M. K. Wilgus	.0
8-23	M. K. Wilgus	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
JORDAN CANAL—A-841					
Diverted from Monroe Creek and Jordan Reservoir Sec. 13-33-56 W.					
5-17	Meyers-Rasmussen	0.0	8-19	M. K. Wilgus	0.0
6-28	Wilgus-Rasmussen	0	8-23	do	1.7
7-14	M. K. Wilgus	.0	9-19	do	.0
8- 2	do	.0			
JUNGLES PUMP—A-3229					
Diverted from Mud Creek—Sec. 12-12-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	1.7			
KAY CANAL—D-958					
Diverted from Warbonnet Creek—Sec. 26-33-57 W.					
5-18	R. V. Meyers	0.0			
KEEL CANAL—A-2228					
Diverted from Monroe Creek—Sec. 5-32-56 W.					
5-18	R. V. Meyers	0.0			
KEIFER CANAL NO. 1—A-3547					
Diverted from Republican River—Sec. 21-1-8 W.					
5-25	L. F. Zabel	0.0			
KELLY CANAL—D-915					
Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.					
5-10	Jack Ratliff	0.0			
KELSO CANAL—A-2151, A-2279, A-2328					
Diverted from Big Bordeaux Creek—Sec. 14-33-48 W.					
Measurements made at Pump Site					
5- 4	R. V. Meyers	1.6	7-27	M. K. Wilgus	0.0
6- 3	do	.0	8-11	do	.0
7- 8	M. K. Wilgus	.0	9-17	do	.0
KENNEDY PUMP—A-3030					
Diverted from White River—Sec. 26-34-49 W.					
Measurement made at Pump Site					
5-12	R. V. Meyers	0.0	7-27	M. K. Wilgus	0.0
KENT-BURKE CANAL, WEST—A-1694					
Diverted from Pawnee Creek—Sec. 18-13-27 W.					
Measurements made at Rating Flume					
10-22	D. B. Ender	0.4	8- 5	D. B. Ender	0.9
5- 9	do	.0	9- 7	do	1.1
7-23	do	.9	9-20	do	1.3

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
KEYSTONE CANAL—D-730, A-662b, A-843, A-1003					
Diverted from White Tail Creek—Sec. 26-15-38 W.					
5- 3	J. H. Hintz	0.0			
OASIS CANAL—D-567					
Diverted from Snake Creek—Sec. 6-24-51 W.					
7-11	R. F. Bishop	2.1	8-19	R. F. Bishop	1.0
8- 5	do	1.2	9-30	do	.0
KILPATRICK CANAL NO. 2—A-1159					
Diverted from Snake Creek—Sec. 6-24-51 W.					
7-11	R. F. Bishop	4.1	9- 2	R. F. Bishop	0.0
8- 5	do	.0	9-16	do	.0
8-19	do	.0	9-30	do	.0
KIMBALL CANAL—A-897					
Diverted from Lodgepole Creek and Oliver Reservoir Sec. 36-15-57 W.					
4-18	R. F. Bishop	0.5	7-14	R. F. Bishop	24.2
5- 2	do	.1	7-19	Bishop-Lutey	34.2
5- 9	do	.4	7-27	R. F. Bishop	25.9
5-17	do	.5	8-10	do	40.5
5-24	do	.8	8-15	do	38.9
5-31	do	.8	8-23	do	30.2
6-14	do	.7	8-30	do	28.5
6-22	do	1.0	9- 6	do	21.0
6-28	do	17.8	9-13	do	15.9
7- 5	do	32.9	9-17	do	.0
KING CANAL, WEST—A-1440					
Diverted from Lawrence Fork—Sec. 15-18-52 W.					
4- 8	R. F. Bishop	0.0			
KING CANAL, EAST—A-1587					
Diverted from Lawrence Fork—Sec. 15-18-52 W.					
4- 8	R. F. Bishop	0.0			
KITE CANAL—A-1375, A-1469, A-1470					
Diverted from Monroe Creek and Jordan Reservoir—A-1399 Sec. 13-33-56 W.					
5-17	Meyers-Rasmussen	3.1	8-19	M. K. Wilgus	0.0
6-28	Wilgus-Rasmussen	.0	8-23	do	.0
7-24	M. K. Wilgus	.0	9-19	do	.0
8- 2	do	.0			
KLAUSEN CANAL—A-2095					
Diverted from Middle Loup River—Sec. 36-14-14 W.					
8-31	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
KOHL'S PUMP—A-4016					
Diverted from Mud (Beaver) Creek—Sec. 1-13-16 W.					
Measurement made at Pump Site					
8-17	W. J. Page	0.0			
KOUPAL CANAL—A-1207					
Diverted from Dane Creek—Sec. 20-19-14 W.					
7-14	W. J. Page	0.0	9-19	W. J. Page	0.0
KROGH PUMP—A-2126, A-2976					
Diverted from Oak Creek—Sec. 30-14-11 W.					
Measurement made at Pump Site					
8-25	W. J. Page	1.8			
KROTTER POWER PLANT—A-1021					
Diverted from Frenchman River—Sec. 35-5-34 W.					
5-24	L. F. Zabel	0.0			
KRUEGER CANAL—D-968					
Diverted from Lodgepole Creek—Sec. 29-14-48 W.					
4-26	R. F. Bishop	0.0			
KRUEGER CANAL NO. 1—D-325					
Diverted from Lodgepole Creek—Sec. 29-14-48 W.					
4-26	R. F. Bishop	1.4	6-15	R. F. Bishop	0.0
5- 5	do	.3	6-23	do	.5
5-10	do	3.6	8-11	do	.0
5-19	do	7.0	8-25	do	.0
6- 2	do	.5	9-14	do	.0
KRUEGER CANAL NO. 2—D-324					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
5-10	R. F. Bishop	1.0	6-29	R. F. Bishop	0.0
5-19	do	2.4	7- 6	do	.0
5-25	do	.9	7-15	do	.0
6- 2	do	3.9	8-11	do	.0
6-15	do	.0	8-25	do	.0
6-23	do	.0	9-14	do	.0
KRUEGER CANAL NO. 3—D-323					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
4-26	R. F. Bishop	1.4	6-15	R. F. Bishop	0.0
5-10	do	1.0	6-29	do	.0
5-19	do	2.7	8-11	do	.0
5-25	do	3.3	8-25	do	.0
6- 2	do	4.6	9-14	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
KUSEL-SPEARMAN CANAL—A-677					
Diverted from Cottonwood Creek, Little—Sec. 8-32-51 W.					
6-30	M. K. Wilgus	0.0			
KUSEL CANAL—A-560					
Diverted from Spring Creek—Sec. 8-32-51 W.					
6-30	M. K. Wilgus	0.0			
LA BELLE CANAL—D-518, A-60					
Diverted from Niobrara River—Sec. 6-28-54 W.					
4-21	C. D. Christensen	0.0	5-26	M. K. Wilgus	0.0
5-24	R. V. Meyers	.0	9- 8	do	6.4
7-19	M. K. Wilgus	.0	9-29	do	9.6
8- 5	Wilgus-Rasmussen	.0			
LAING CANAL—D-825					
Diverted from Lawrence Fork—Sec. 28-18-52 W.					
4- 8	R. F. Bishop	0.8	7- 5	P. D. Harrington	0.8
5-11	C. D. Christensen	1.1	7- 9	C. D. Christensen	.7
5-20	do	1.0	7-27	do	.6
7- 4	P. D. Harrington	.9			
LAKOTA CANAL—D-554					
Diverted from Niobrara River—Sec. 1-30-57 W.					
7-15	M. K. Wilgus	5.2	9-15	M. K. Wilgus	7.6
8- 5	Wilgus-Rasmussen	.0	9-30	do	6.9
8-26	M. K. Wilgus	.0			
LAMB CANAL—A-3122					
Diverted from Oak Creek—Sec. 23-14-12 W.					
Measurement made at Pump Site					
8-25	W. J. Page	0.0			
LARSEN PUMP—A-3750					
Diverted from Mud (Beaver) Creek—Sec. 33-13-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	0.0			
LARSEN PUMP—A-3751					
Diverted from Mud (Beaver) Creek—Sec. 28-13-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	2.4			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
LAUGHRAN-BELL CANAL—D-217					
Diverted from Victoria Creek—Sec. 3-19-21 W.					
7-12	W. J. Page	0.0	8-23	W. J. Page	0.0
7-26	do	.0	9-20	do	.0
8- 9	do	.0			
LIBBY CANAL—D-312					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
4-27	R. F. Bishop	0.1	8- 4	R. F. Bishop	0.0
5-11	do	.3	9- 1	do	.0
6-21	do	.0			
LIBBY CANAL—D-315					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
4-27	R. F. Bishop	0.6	6-21	R. F. Bishop	0.0
5-11	do	1.2	8- 4	do	.0
5-25	do	2.6	9- 1	do	.0
LIBBY CANAL—D-314					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
5-11	R. F. Bishop	0.4	8- 4	R. F. Bishop	0.0
5-25	do	.8	9- 1	do	.1
6-21	do	.0			
LICHTE CANAL—D-479, A-1086, A-1088, A-1152, A-2523					
Diverted from Niobrara River—Sec. 27-29-48 W.					
4-22	C. D. Christensen	0.0	8- 3	M. K. Wilgus	3.2
5-25	R. V. Meyers	.5	8-15	do	4.7
6-16	C. D. Christensen	3.3	8-27	do	1.7
7-18	M. K. Wilgus	7.0	9- 6	do	.0
LISCO CANAL—D-796					
Diverted from Cold Water Creek—Sec. 26-18-46 W.					
5- 4	Jack Ratliff	3.2	8-15	Jack Ratliff	3.1
6- 6	do	1.0	8-31	do	3.7
6-22	do	2.4	9-19	do	4.1
7-20	do	4.3			
LOGAN CANAL—D-902					
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.					
7-12	Jack Ratliff	1.7			
LUNDY POWER CANAL—D-1024, A-1224					
Diverted from Middle Loup River—Sec. 4-19-19 W.					
Measurement made below Spillway					
7-19	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
LYNGHOLM CANAL—D-337					
Diverted from Lodgepole Creek—Sec. 14-14-51 W.					
4-25	R. F. Bishop	0.0	6-13	do	0.0
5-10	do	.0			
McAULIFFE CANAL—D-814					
Diverted from Lodgepole Creek—Sec. 21-13-45 W.					
4-29	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
McAULIFFE CANAL—A-1559					
Diverted from Lodgepole Creek—Sec. 21-13-45 W.					
4-27	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
MCCARTHY CANAL—D-749					
Diverted from White Tail Creek—Sec. 36-15-38 W.					
10- 1	J. H. Hintz	0.0	7-18	J. H. Hintz	2.3
10-29	do	.0	8- 5	do	1.2
11-16	do	.0	8-12	do	2.4
5- 3	do	1.3	8-26	do	1.4
5-11	do	1.3	9- 2	do	2.5
5-26	do	1.7	9-16	do	.0
6- 6	do	.9	9-23	do	.0
6-24	do	.0	9-30	do	.0
7-11	do	.6			
MCDOWELL CANAL—A-772					
Diverted from English Creek—Sec. 12-31-52 W.					
10- 7	Meyers-Bishop	0.0			
MCDOWELL LAKE NO. 1—A-2064					
Diverted from English Creek—Sec. 12-31-52 W.					
5-12	R. V. Meyers	0.0	7-20	M. K. Wilgus	0.0
6-25	M. K. Wilgus	.1			
MCFADDEN PUMP—A-3369					
Diverted from Mud (Beaver) Creek—Sec. 12-13-16 W.					
Measurement made at Pump Site					
8-17	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
McFARLAND CANAL—D-960					
Diverted from White Clay Creek—Sec. 35-32-52 W.					
Measurements made at 2-foot weir					
10- 7	Meyers-Bishop	0.2	7-25	M. K. Wilgus	0.1
4-14	R. V. Meyers	.0	8-12	do	.3
5-11	do	.0	8-29	do	.0
6-29	M. K. Wilgus	.0	9-26	do	.0
7-21	do	.0			
McGINLEY-STOVER CANAL, UPPER—D-521					
Diverted from Niobrara River—Sec. 23-29-56 W.					
7-15	M. K. Wilgus	0.0			
McGINLEY-STOVER CANAL, NORTH—D-513a					
Diverted from Niobrara River—Sec. 25-29-56 W.					
4-19	C. D. Christensen	0.0	8- 5	Wilgus-Rasmussen	6.6
5-24	R. V. Meyers	.0	8-21	M. K. Wilgus	.0
6-15	C. D. Christensen	5.6	9-29	do	5.3
7-15	M. K. Wilgus	.0			
McGINLEY-STOVER CANAL, SOUTH—D-513b					
Diverted from Niobrara River—Sec. 25-29-56 W.					
6-15	C. D. Christensen	7.9	8-26	M. K. Wilgus	7.5
7-15	M. K. Wilgus	.0	9-29	do	.1
8- 5	Wilgus-Rasmussen	.0			
McGRAW CANAL—A-1945, A-2023					
Diverted from Victoria Creek—Sec. 6-19-20 W.					
7-26	W. J. Page	0.0	9-20	W. J. Page	0.0
8- 9	do	.0			
McGRAW PUMP—A-2398					
Diverted from Victoria Creek—Sec. 6-19-20 W.					
Measurements made at Pump Site					
10- 5	W. J. Page	0.0	7-26	W. J. Page	0.0
7-12	do	.0	8- 9	do	.0
McINTOSH CANAL—D-351, A-734					
Diverted from Lodgepole Creek—Sec. 23-15-55 W.					
4-19	R. F. Bishop	0.3	6-28	R. F. Bishop	0.0
5- 3	do	.0	7- 6	do	.0
5- 9	do	.0	7-13	do	.0
5-17	do	.0	7-26	Bishop-Christensen	3.4
5-23	do	.0	8-16	R. F. Bishop	.0
6- 1	do	.0	9-12	do	.0
6-13	do	.0	9-27	do	.0
6-23	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
McKEON PUMP—A-3895					
Diverted from Mud Creek—Sec. 3-12-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	0.0			
McKOSKI PUMP—A-2778					
Diverted from Turkey Creek—Sec. 20-14-11 W.					
Measurement made at Pump Site					
8-25	W. J. Page	0.0			
McLAIN CANAL—D-65					
Diverted from Stinking Water Creek—Sec. 28-7-37 W.					
6-21	L. F. Zabel	0.0			
McLAUGHLIN CANAL—D-566					
Diverted from Niobrara River—Sec. 9-28-52 W.					
7-19	M. K. Wilgus	0.0	9-8	M. K. Wilgus	1.6
8-10	do	3.4	9-29	do	.9
8-25	do	6.1			
McLAUGHLIN CANAL—D-966					
Diverted from Lodgepole Creek—Sec. 25-14-48 W.					
4-26	R. F. Bishop	0.0	8-12	R. F. Bishop	0.0
5-11	do	.0	8-28	do	.0
6-30	do	.0			
McMILLAN CANAL—A-2477R, A-2797					
Diverted from Middle Loup River—Sec. 23-21-22 W.					
10-5	W. J. Page	0.0	8-9	W. J. Page	1.7
7-12	do	3.0	8-23	do	.0
7-26	do	2.5	9-20	do	.0
McNEIL PUMP—A-3494					
Diverted from Mud (Beaver) Creek—Sec. 29-13-15 W.					
Measurement made at Pump Site					
8-17	W. J. Page	3.5			
MACE CANAL—D-428					
Diverted from West Ash Creek—Sec. 2-31-51 W.					
5-11	R. V. Meyers	0.0	9-12	Wilgus-Rasmussen	0.0
6-22	Wilgus-Christensen	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
MALTESE CROSS CANAL—A-454					
Diverted from Lodgepole Creek—Sec. 36-15-57 W.					
3-21	R. F. Bishop	0.0	5-24	R. F. Bishop	0.0
4-18	do	.0	6-14	do	.0
5-2	do	.0	9-19	do	.0
5-9	do	.0			
MARANVILLE CANAL—D-70, D-71					
Diverted from Frenchman River—Sec. 12-6-41 W.					
7-11	L. F. Zabel	4.9	8-2	L. F. Zabel	4.3
MARTENS PUMP—A-2801					
Diverted from Big Bordeaux Creek—Sec. 16-34-48 W.					
Measurement made at Pump Site					
7-11	M. K. Wilgus	0.0	8-11	M. K. Wilgus	0.0
MAY PUMP—A-2730					
Diverted from South Loup River—Sec. 15-15-22 W.					
Measurement made at Pump Site					
8-24	W. J. Page	0.0			
MEGLEMRE CANAL—A-294, A-853					
Diverted from Greenwood Creek—Sec. 3-18-50 W.					
10-5	Jack Ratliff	0.0	8-25	Jack Ratliff	1.5
5-13	C. D. Christensen	.0			
MENDELL CANAL—A-2283					
Diverted from Republican River—Sec. 35-1-7 W.					
5-26	L. F. Zabel	0.0	6-30	L. F. Zabel	0.0
MERIDIAN CANAL—D-459, A-469					
Diverted from Niobrara River—Sec. 25-29-50 W.					
5-25	R. V. Meyers	0.0			
METTLEN CANAL—A-292, A-1248					
Diverted from Niobrara River—Sec. 4-28-54 W.					
5-24	R. V. Meyers	0.0	8-26	M. K. Wilgus	0.0
7-19	M. K. Wilgus	.0	9-8	do	.0
8-10	do	.0	9-29	do	.0
MYERS CANAL—A-1956					
Diverted from Lillian Creek—Sec. 15-19-20 W.					
7-19	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
MILBURN-SARGENT CANAL—A-2970					
Diverted from Middle Loup River—Sec. 15-21-22 W.					
7-12	W. J. Page	0.0	8-9	W. J. Page	0.0
7-26	do	.0	8-23	do	.0
MITCHELL CANAL—A-3526, D-304					
Diverted from Lodgepole Creek—Sec. 8-14-51 W.					
4-25	R. F. Bishop	0.0	6-29	R. F. Bishop	0.0
5-10	do	.0	8-25	do	.0
6-13	do	.0			
MONROE CANAL, BIG—D-506, A-2372					
Diverted from Monroe Creek—Sec. 33-33-56 W.					
4-26	C. D. Christensen	2.0	8-23	M. K. Wilgus	0.5
5-17	Meyers-Rasmussen	1.5	9-21	Wilgus-Rasmussen	.7
7-12	M. K. Wilgus	.7	9-29	M. K. Wilgus	.0
7-28	do	.4			
MONTAGUE CANAL—A-575					
Diverted from Niobrara River—Sec. 27-29-48 W.					
4-22	C. D. Christensen	0.0	8-3	M. K. Wilgus	0.5
5-25	R. V. Meyers	.0	8-15	do	.7
6-16	C. D. Christensen	.0	8-27	do	.0
7-18	M. K. Wilgus	.0	9-6	do	.0
MOORE CANAL—A-88					
Diverted from Niobrara River—Sec. 9-28-53 W.					
5-24	R. V. Meyers	0.0	8-26	M. K. Wilgus	4.1
7-19	M. K. Wilgus	.0	9-8	do	3.7
8-10	do	.0	9-29	do	.0
MOZETER CANAL—D-1014					
Diverted from Spring Creek—Sec. 13-32-54 W.					
6-30	M. K. Wilgus	0.0	8-11	M. K. Wilgus	0.0
7-20	do	.0	9-10	do	.0
MULBACH PUMP—A-3407					
Diverted from Mud (Beaver) Creek—Sec. 12-12-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	0.0			
MURRAY CANAL—A-1315					
Diverted from Elk Creek—Sec. 11-4-23 W.					
7-22	L. F. Zabel	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
MUTUAL CANAL—D-843					
Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.					
5-10	Jack Ratliff	10.6	8-17	Jack Ratliff	2.6
7- 9	do	4.8	9-26	do	4.6
NAAB PUMP—A-2091					
Diverted from North Loup River—Sec. 28-21-17 W.					
Measurement made at Pump Site					
7-11	W. J. Page	0.0			
NASLAND CANAL—A-661					
Diverted from Lodgepole Creek—Sec. 1-12-45 W.					
4-29	R. F. Bishop	0.0	8- 4	R. F. Bishop	0.0
5-12	do	.0	8-12	do	.0
5-26	do	.0	9- 1	do	.0
6-21	do	.0	9-20	do	.0
7-15	do	0			
NEILL PUMP—A-3038					
Diverted from White River—Sec. 30-33-49 W.					
Measurement made at Pump Site					
7-27	M. K. Wilgus	0.0	9-12	Wilgus-Rasmussen	0.0
NELSON CANAL—D-845					
Diverted from Greenwood Creek—Sec. 33-18-50 W.					
10- 5	Jack Ratliff	0.0	8-25	Jack Ratliff	5.5
5-13	C. D. Christensen	.0			
NEUMAN CANAL—A-611, A-1445					
Diverted from Lodgepole Creek—Sec. 26-13-45 W.					
4-29	R. F. Bishop	0.0	8-12	R. F. Bishop	0.0
5-12	do	.0	9- 1	do	.0
6-21	do	.0	9-21	do	.0
8- 4	do	.0			
NEWTON CANAL—A-2263, A-2863, A-2927					
Diverted from North Loup River—Sec. 32-23-20 W.					
10- 6	W. J. Page	7.5	8- 8	W. J. Page	7.4
7-11	do	6.4	8-22	do	13.7
7-19	Page-Ericson	10.7	9-19	do	2.0
7-27	W. J. Page	12.7			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
NIEHUS CANAL—A-550					
Diverted from Lawrence Fork—Sec. 11-18-52 W.					
4- 8	R. F. Bishop	0.0	7-29	C. D. Christensen	1.5
5-10	C. D. Christensen	.0	7-29	do	1.1
5-11	do	.0	8- 2	do	1.3
5-20	do	.0	8- 5	do	.5
7- 4	P. D. Harrington	1.6	8- 5	do	.8
7- 5	do	1.7	8-12	do	.4
7- 9	C. D. Christensen	.4	8-15	do	.5
7-27	do	.3	8-22	do	.9
NILSON PUMP—A-3723					
Diverted from Mud (Beaver) Creek—Sec. 24-13-16 W.					
Measurement made at Pump Site					
8-17	W. J. Page	0.0			
NORMAN CANAL—A-1952					
Diverted from Indian Creek—Sec. 16-32-50 W.					
7-21	M. K. Wilgus	0.0			
NORMAN SUPPLY CANAL—A-1953					
Diverted from Indian Creek—Sec. 28-32-50 W.					
5-12	R. V. Meyers	0.0	7-22	M. K. Wilgus	0.0
6-22	Christensen-Wilgus	0	8-29	do	.0
7- 9	M. K. Wilgus	.0			
NORRIS CANAL—A-2253					
Diverted from Bull Drain—Sec. 29-13-28 W.					
9-12	D. B. Ender	0.0			
OAK CREEK CANAL—A-3530					
Diverted from Oak Creek—Sec. 2-13-11 W.					
8-25	W. J. Page	0.0			
OBERFELDER CANAL—D-307					
Diverted from Springs—Sec. 31-14-46 W.					
4-27	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-11	do	.0	8- 4	do	.0
5-25	do	0	9- 1	do	.0
OBERFELDER CANAL—D-333					
Diverted from Lodgepole Creek—Sec. 31-14-46 W.					
4-27	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-11	do	.0	8- 4	do	.0
5-25	do	.0	9- 1	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
OBERFELDER CANAL—D-306					
Diverted from Lodgepole Creek—Sec. 31-14-46 W.					
4-27	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-11	do	.0	8- 4	do	.0
5-25	do	.0	9- 1	do	.0
O'DONNELL CANAL—A-432, A-2036					
Diverted from Big Bordeaux Creek—Sec. 9-34-48 W.					
7-11	M. K. Wilgus	0.0	8-11	M. K. Wilgus	0.0
OLIVER PLANT—A-2061					
Diverted from Frenchman River—Sec. 7-5-35 W.					
5-17	L. F. Zabel	0.0			
OLIVER BROTHERS CANAL—A-1284					
Diverted from Frenchman River—Sec. 7-5-35 W.					
5-17	L. F. Zabel	0.0			
OWASCO CANAL—D-347R, A-725					
Diverted from Lodgepole Creek—Sec. 29-15-55 W.					
Measurements made at Rating Flume					
4-19	R. F. Bishop	0.4	7-14	Bishop-Lutey	8.3
5- 3	do	5.8	7-28	R. F. Bishop	4.0
5- 9	do	1.3	8- 2	do	4.5
5-17	do	.6	8-10	do	6.0
5-24	do	.3	8-16	do	6.0
5-31	do	.2	8-23	do	6.8
6-14	do	.5	8-30	do	6.4
6-22	do	.4	9- 6	do	3.0
6-28	do	.2	9-12	do	3.7
7- 5	do	3.3	9-20	do	2.4
7-14	Bishop-Lutey	7.2	9-27	do	4.1
OX YOKE CANAL—D-477R					
Diverted from East Ash Creek—Sec. 29-32-50 W.					
9-12	Wilgus-Rasmussen	0.0	9-28	M. K. Wilgus	0.0
OX YOKE-STUMPH CANAL—A-2205					
Diverted from East Ash Creek—Sec. 31-32-50 W.					
9-12	Wilgus-Rasmussen	0.0			
PARKS CANAL—A-1202, A-1444, A-1555					
Diverted from Republican River—Sec. 20-1-39 W.					
6-15	L. F. Zabel	0.0	9-13	L. F. Zabel	0.0
7-19	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
PERKINS CANAL—A-1994					
Diverted from South Loup River—Sec. 25-17-25 W.					
8-24	W. J. Page	0.0			
PERRY PUMP—A-2620					
Diverted from Mud (Beaver) Creek—Sec. 3-12-15 W. Measurement made at Pump Site					
8-11	W. J. Page	1.7			
PERSINGER CANAL—D-297					
Diverted from Lodgepole Creek—Sec. 33-14-46 W.					
4-27	R. F. Bishop	0.0	8-4	R. F. Bishop	0.0
5-12	do	.4	8-12	do	.0
5-26	do	.6	8-18	do	.0
6-15	do	6.2	8-26	do	.0
6-21	do	5.8	9-8	do	.0
6-30	do	2.1	9-14	do	.0
7-15	do	1.6	9-20	do	.0
7-29	do	.0			
PETERS CANAL—D-913					
Diverted from Pumpkinseed Creek—Sec. 2-19-56 W.					
7-11	Jack Ratliff	2.4	9-26	Jack Ratliff	1.0
PETERSON CANAL—A-2006					
Diverted from Lodgepole Creek—Sec. 26-13-45 W.					
4-29	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0			
PHELAN CANAL—D-138					
Diverted from Rock Creek—Sec. 17-1-39 W.					
6-15	L. F. Zabel	0.0	9-13	L. F. Zabel	1.5
PIONEER CANAL, NORTH—D-442a					
Diverted from Niobrara River—Sec. 36-29-51 W.					
4-21	C. D. Christensen	0.0	7-29	M. K. Wilgus	2.5
5-25	R. V. Meyers	0	8-13	do	.0
6-15	C. D. Christensen	.0	9-7	do	13.9
6-27	M. K. Wilgus	11.5	9-27	do	.0
7-23	do	8.2			
PIONEER CANAL, SOUTH—D-442b					
Diverted from Niobrara River—Sec. 36-29-51 W.					
5-25	R. V. Meyers	0.0	7-29	M. K. Wilgus	0.0
6-27	M. K. Wilgus	.0	8-13	do	.0
7-19	do	.0	9-27	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
POTMESIL CANAL—A-2566					
Diverted from Niobrara River—Sec. 26-29-48 W.					
4-22	C. D. Christensen	0.0	8-15	M. K. Wilgus	8.0
5-25	R. V. Meyers	.0	8-27	do	.0
6-16	C. D. Christensen	.0	9- 6	do	11.6
7-18	M. K. Wilgus	14.6	9-15	do	7.8
PREMIER CANAL—D-340					
Diverted from Lodgepole Creek—Sec. 3-14-58 W.					
5- 2	R. F. Bishop	0.0	8- 1	R. F. Bishop	0.8
5-16	do	.6	8-15	do	.0
5-24	do	.0	8-30	do	.0
6-14	do	2.4	9-13	do	.0
6-27	do	1.1	9-26	do	.0
7-12	Bishop-Kimmel	.9			
PRESSEY PUMP—A-2841					
Diverted from South Loup River—Sec. 10-14-21 W. Measurement made at Pump Site					
8-24	W. J. Page	0.0			
QUEST CANAL—A-2143					
Diverted from South Loup River—Sec. 33-13-12 W.					
8-31	W. J. Page	0.0			
QUICK PUMP—A-3082					
Diverted from Red Willow Creek—Sec. 31-5-29 W. Measurement made at Pump Site					
5-13	L. F. Zabel	0.0			
QUINN CANAL—A-1561					
Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.					
5-10	Jack Ratiiff	0.0	8-17	Jack Ratiiff	1.3
7- 9	do	.4	9-26	do	.9
RADCLIFFE CANAL NO. 2—A-1034b					
Diverted from Cedar Creek—Sec. 34-18-48 W.					
6-20	Jack Ratiiff	0.0	8-25	Jack Ratiiff	0.0
RADCLIFFE PUMPS—A-3064					
Diverted from Lodgepole Creek—Sec. 31-14-49 and 6-13-49 W. Measurement made at Pump Site					
6-29	R. F. Bishop	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
RALTON PUMP—A-847					
Diverted from Lodgepole Creek—Sec. 12-12-45 W.					
Measurements made at Pump Site					
4-29	R. F. Bishop	0.0	8- 4	R. F. Bishop	1.5
5-12	do	.0	8-12	do	.0
5-26	do	.0	9- 1	do	.0
6-21	do	.0	9-21	do	.0
7-15	do	.0			
RANDALL CANAL—A-1100					
Diverted from Lawrence Fork—Sec. 21-18-52 W.					
4- 8	R. F. Bishop	0.0	7-29	C. D. Christensen	0.0
5-11	C. D. Christensen	4.9	8- 2	do	.0
5-20	do	5.4	8-12	do	1.1
7- 4	P. D. Harrington	.1	8-15	do	1.0
7- 9	C. D. Christensen	.0	8-22	do	1.3
7-27	do	3.8			
RANKIN CANAL—A-2477					
Diverted from Middle Loup River—Sec. 4-21-23 W.					
7-12	W. J. Page	0.0	8- 9	W. J. Page	0.0
7-26	do	.0	8-23	do	.0
RASHER-FORBES CANAL—A-1128					
Diverted from White River—Sec. 19-32-51 W.					
6-29	M. K. Wilgus	0.0			
RASHER CANAL—D-467, A-456, A-534					
Diverted from White River—Sec. 19-32-51 W.					
6-29	M. K. Wilgus	0.0			
REINERTSON PUMP—A-4017					
Diverted from Mud (Beaver) Creek—Sec. 19-13-15 W.					
Measurement made at Pump Site					
8-17	W. J. Page	0.0			
REINERTSON PUMP—A-3817					
Diverted from Mud (Beaver) Creek—Sec. 33-13-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	0.0			
RINICKER CANAL—A-618					
Diverted from White Clay Creek—Sec. 11-31-52 W.					
6-30	M. K. Wilgus	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
RIVERSIDE CANAL—D-18, A-1674					
Diverted from Frenchman River—Sec. 33-4-32 W.					
6-14	L. F. Zabel	0.0	7-29	L. F. Zabel	8.6
7-26	do	13.4	9-14	do	11.8
ROUND HOUSE CANAL—D-884					
Diverted from Pumpkinseed Creek—Sec. 28-19-51 W.					
5-10	Jack Ratliff	0.0	9-26	Jack Ratliff	0.0
RUNGE PUMP—A-3191, A-3363					
Diverted from Lodgepole Creek—Sec. 20-14-50 W.					
Measurements made at Pump Site					
4-25	R. F. Bishop	0.0	7-28	R. F. Bishop	0.0
5- 5	do	.0	8- 3	do	.0
5-10	do	.0	8-11	do	.0
5-17	do	.0	8-16	do	1.8
5-23	do	.0	8-25	do	1.3
6- 2	do	.0	8-31	do	.0
6-13	do	.0	9- 7	do	.0
6-23	do	.0	9-12	do	.0
6-29	do	.0	9-20	do	.0
7- 6	do	.0	9-27	do	.0
7-14	do	1.6			
RUNGE CANAL NO. 1—D-339					
Diverted from Lodgepole Creek—Sec. 20-14-50 W.					
5- 5	R. F. Bishop	0.0	8- 3	R. F. Bishop	0.0
5-10	do	.0	8-11	do	.9
5-23	do	.0	8-16	do	.0
6- 2	do	.0	8-25	do	.0
6-13	do	.0	8-31	do	3.2
6-23	do	.0	9- 7	do	.0
6-29	do	.0	9-12	do	.0
7- 6	do	.0	9-20	do	.0
7-14	do	.0	9-27	do	.0
7-28	do	.0			
RUSH CREEK CANAL—D-802					
Diverted from North Platte River—Sec. 2-17-46 W.					
Measurements made at Rating Flume					
7-13	Jack Ratliff	0.0	9-28	Jack Ratliff	0.0
RUSSELL CANAL—A-3477					
Diverted from Blackwood Creek—Sec. 6-4-31 W.					
7- 8	L. F. Zabel	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
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RUSSELL PUMP—A-3319

Diverted from Bushy Creek—Sec. 33-8-29 W.

Measurement made at Pump Site

5-13 L. F. Zabel 0.0

RUTAR CANAL—A-3611

Diverted from Turtle Creek—Sec. 27-20-15 W.

8-15 W. J. Page 0.0

RUTTNER CANAL—A-906

Diverted from Lodgepole Creek—Sec. 30-14-47 W.

4-26	R. F. Bishop	2.6	6-20	R. F. Bishop	0.0
5- 5	do	.0	8- 3	do	.0
5-25	do	.0	8-25	do	.0

RUTTNER CANAL, NEW—D-350R, A-727, A-857, A-869

Diverted from Lodgepole Creek—Sec. 36-15-57 W.

3-21	R. F. Bishop	0.0	7-18	Bishop-Lutey	2.0
4-18	do	.0	7-18	do	2.4
5- 2	do	.0	7-18	do	3.0
5- 9	do	.0	7-27	R. F. Bishop	1.9
5-16	do	.0	8- 1	do	1.1
5-24	do	.0	8-10	do	2.2
5-31	do	1.9	8-15	do	2.6
6-14	do	.0	8-23	do	2.3
6-22	do	.0	8-30	do	1.8
7- 5	do	2.2	9- 6	do	1.8
7- 8	do	3.7	9-13	do	2.6
7-12	do	3.5	9-19	do	2.1
7-12	Bishop-Kimmel	2.4	9-26	do	1.8
7-18	Bishop-Lutey	1.7			

RUTTNER-KINNEY CANAL—A-718R, A-1828, D-345, D-350

Diverted from Lodgepole Creek—Sec. 31-15-56 W.

3-21	R. F. Bishop	0.0	7-19	Bishop-Lutey	1.1
4-19	do	.0	7-21	do	3.4
5- 2	do	.0	7-28	R. F. Bishop	1.4
5- 9	do	.0	8- 2	do	.8
5-17	do	.0	8-10	do	1.2
5-24	do	.0	8-15	do	1.1
5-31	do	.6	8-23	do	.8
6-14	do	.1	8-30	do	.6
6-22	do	.1	9- 6	do	.8
6-28	do	.2	9-13	do	1.4
7- 5	Bishop-Lutey	.0	9-19	do	.6
7-13	do	1.9	9-26	do	.9

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
SANDERS PUMP—A-2973					
Diverted from Mud (Beaver) Creek—Sec. 1-13-16 W. Measurement made at Pump Site					
8-17	W. J. Page	0.0			
SANDERS CANAL—D-83					
Diverted from Medicine Creek—Sec. 27-7-27 W.					
6-22	L. F. Zabel	0.0			
LITTLE SAW LOG CANAL—A-849					
Diverted from Little Saw Log Creek—Sec. 12-30-52 W.					
6-30	M. K. Wilgus	0.0			
SCHILT CEDAR CREEK CANAL—D-507					
Diverted from Cedar Creek—Sec. 35-33-56 W.					
4-25	C. D. Christensen	0.3	8-30	M. K. Wilgus	0.0
7-13	M. K. Wilgus	.0			
SCHILT-MONROE CANAL—D-509					
Diverted from Monroe Creek—Sec. 27-33-56 W.					
4-26	C. D. Christensen	0.4	7-28	M. K. Wilgus	0.0
5-17	Meyers-Rasmussen	.4	9-21	do	.0
7-12	M. K. Wilgus	.0	9-29	do	1.7
SCHILT-PRAIRIE DOG CANAL—D-508					
Diverted from Prairie Dog Creek—Sec. 35-33-56 W.					
4-25	C. D. Christensen	0.1			
SCHMITT CANAL—D-292a, D-292b					
Diverted from Shell Creek—Sec. 19-18-1 E.					
5-26	W. J. Page	0.0			
SCHMITZ PUMP—A-1287					
Diverted from Driftwood Creek—Sec. 12-2-30 W. Measurement made at Pump Site					
7-8	L. F. Zabel	0.0			
SCHNELL CANAL—A-3588					
Diverted from Pumpkinseed Creek—Sec. 1-19-56 W.					
9-26	Jack Ratliff	2.4			
SCHULZ PUMP—A-3205					
Diverted from Mud (Beaver) Creek—Sec. 7-12-14 W. Measurement made at Pump Site					
8-11	W. J. Page	1.7			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
SCRIPTER CANAL—A-2288					
Diverted from Clear Creek—Sec. 32-16-41 W.					
5- 9	Jack Ratliff	0.0	9- 2	Jack Ratliff	0.0
8-15	do	.0			
SEARS CANAL—A-2117					
Diverted from Pumpkinseed Creek—Sec. 25-19-53 W.					
5-10	Jack Ratliff	0.0	9-26	Jack Ratliff	0.0
SEEGRIST CANAL—A-1823					
Diverted from Indian Creek and Renfro Reservoir, A-1822 Sec. 3-31-50 W.					
5-12	R. V. Meyers	0.0			
SHALLENBERGER CANAL—A-423					
Diverted from Frenchman River—Sec. 25-6-39 W.					
5-31	L. F. Zabel	0.0	7-26	L. F. Zabel	0.0
SHAW PUMP—A-2037					
Diverted from South Loup River—Sec. 9-16-24 W. Measurement made at Pump Site					
8-24	W. J. Page	0.0			
SHELDON CANAL—A-493					
Diverted from East Ash Creek—Sec. 30-32-50 W.					
6-22	Christensen-Wilgus	0.0	8-29	M. K. Wilgus	0.0
7-22	M. K. Wilgus	.0	9-12	Wilgus-Rasmussen	.0
8-10	do	0	9-28	M. K. Wilgus	.0
SHEPHERD CANAL—A-1965					
Diverted from Squaw Creek—Sec. 36-34-57 W.					
7-14	M. K. Wilgus	0.0	8-23	M. K. Wilgus	0.0
8- 2	do	.0	9-21	Wilgus-Rasmussen	0
SIELAFF PUMP—A-3552					
Diverted from Mud (Beaver) Creek—Sec. 7-12-14 W. Measurement made at Pump Site					
8-11	W. J. Page	1.5			
SIGNAL BLUFF CANAL—D-807					
Diverted from North Platte River—Sec. 16-16-43 W. Measurement made at Rating Flume					
7-13	Jack Ratliff	0.0	9-28	Jack Ratliff	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
SIMONS CANAL—A-2363					
Diverted from Little Cottonwood Creek—Sec. 9-32-51 W.					
6-23	Christensen-Wilgus	0.0	9-12	Wilgus-Rasmussen	0.0
7-20	M. K. Wilgus	.0	9-26	M. K. Wilgus	.0
8-29	do	.0			
SKOCHDOPOLE PUMP—A-1871					
Diverted from Mud (Beaver) Creek—Sec. 1-12-15 W. Measurement made at Pump Site					
8-11	W. J. Page	0.0			
SLATTERY CANAL—D-543, A-1683					
Diverted from Jim Creek and Caladonia Reservoir, A-1680 Sec. 13-33-57 W.					
7-13	M. K. Wilgus	0.0	8-23	M. K. Wilgus	0.0
7-28	do	.0	9-21	Wilgus-Rasmussen	.0
SLATTERY CANAL—A-749, A-2021					
Diverted from Dead Horse Creek—Sec. 32-33-49 W.					
5-12	R. V. Meyers	0.0	8-22	M. K. Wilgus	0.0
7-7	M. K. Wilgus	.0	9-9	do	.0
7-21	do	.0	9-28	do	.0
8-10	do	.0			
SMITH CANAL—D-526					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
6-28	Wilgus-Rasmussen	0.0			
SMITH CANAL—A-850					
Diverted from Lodgepole Creek—Sec. 12-12-45 W.					
4-29	R. F. Bishop	0.0	8-21	R. F. Bishop	0.0
5-12	do	.0	9-1	do	.0
5-26	do	.0			
SMITH PUMP—A-3029					
Diverted from South Loup River—Sec. 16-15-22 W. Measurement made at Pump Site					
8-24	W. J. Page	0.0			
SMITH-WHEELER CANAL—D-842					
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.					
5-10	Jack Ratliff	0.0			

Note:—Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
SNOW CANAL—D-485					
Diverted from Niobrara River—Sec. 35-29-51 W.					
7-29	M. K. Wilgus	0.0	9-7	M. K. Wilgus	0.0
8-15	do	.0			
SODERQUIST CANAL—A-1237, A-1420					
Diverted from Lodgepole Creek—Sec. 36-13-45 W.					
4-29	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0	9-1	do	.0
SOUTHER LAKE—A-915					
Diverted from Hooker Creek—Sec. 30-32-51 W.					
6-25	M. K. Wilgus	0.0	9-12	Wilgus-Rasmussen	0.0
SOW BELLY CANAL, OLD—D-533					
Diverted from Sow Belly Creek—Sec. 7-32-55 W.					
7-14	M. K. Wilgus	0.0	9-19	M. K. Wilgus	0.0
8-19	do	.0			
SOW BELLY SUPPLY CANAL, OLD—A-2306					
Diverted from Sow Belly Creek—Sec. 5-32-55 W.					
7-14	M. K. Wilgus	0.0	9-19	M. K. Wilgus	0.0
8-19	do	.0			
SPOHN CANAL—D-801					
Diverted from North Platte River—Sec. 13-17-45 W.					
Measurement made at Rating Flume					
9-28	Jack Ratliff	0.0			
SPRING BRANCH CANAL—D-893, A-669, A-862					
Diverted from Lawrence Fork—Sec. 11-18-52 W.					
4-8	R. F. Bishop	4.6	7-27	C. D. Christensen	1.6
5-10	C. D. Christensen	2.5	7-29	do	1.9
5-11	do	2.8	8-2	do	1.8
5-20	do	2.4	8-5	do	2.2
7-4	P. D. Harrington	1.8	8-12	do	2.2
7-5	do	2.9	8-15	do	2.7
7-9	C. D. Christensen	2.6	8-22	do	2.1
SPRING CREEK CANAL—D-532					
Diverted from Spring Creek—Sec. 7-32-55 W.					
7-14	M. K. Wilgus	0.0			
SQUAW CREEK CANAL—D-466					
Diverted from Spring Creek—Sec. 13-32-52 W.					
6-30	M. K. Wilgus	0.0	8-3	M. K. Wilgus	0.0
7-20	do	.0	9-10	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
STUART BROTHERS CANAL, NORTH—A-8					
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.					
5-11	R. V. Meyers	0.0	8-12	M. K. Wilgus	0.0
6-29	M. K. Wilgus	.0	8-29	do	.0
7-20	do	.0	9-10	do	.0
STUART BROTHERS CANAL, SOUTH—A-8					
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.					
5-11	R. V. Meyers	0.0	8-12	M. K. Wilgus	0.0
6-29	M. K. Wilgus	.0	8-29	do	.0
7-20	do	.0	9-10	do	.0
STUART MAPLE CANAL—A-656					
Diverted from Little Cottonwood Creek—Sec. 3-32-52 W.					
4-14	R. V. Meyers	0.0			
STUMPH CANAL—D-447R, D-1023½					
Diverted from East Ash Creek—Sec. 31-32-50 W.					
10-7	Meyers-Bishop	0.0	9-12	Wilgus-Rasmussen	0.0
5-11	R. V. Meyers	.0			
SUDMAN CANAL—A-1483					
Diverted from Lodgepole Creek—Sec. 22-13-45 W.					
4-29	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
SYLVAN DELL PUMP—A-1340					
Diverted from Driftwood Creek—Sec. 1-2-30 W.					
Measurement made at Pump Site					
7-8	L. F. Zabel	0.0			
THOMAS CANAL—A-2057					
Diverted from East Ash Creek—Sec. 19-32-50 W.					
5-11	R. V. Meyers	0.0	8-12	Wilgus-Rasmussen	0.0
THOMAS CANAL—A-1748					
Diverted from Big Bordeaux Creek—Sec. 34-34-48 W.					
5-4	R. V. Meyers	0.0	8-11	M. K. Wilgus	0.0
7-11	M. K. Wilgus	.0	9-17	do	.0
THOMAS STUART CANAL—D-425					
Diverted from Little Cottonwood Creek—Sec. 8-32-52 W.					
6-29	M. K. Wilgus	0.0	8-12	M. K. Wilgus	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
THORSTENSEN PUMP—A-2569					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements made at Pump Site					
5-10	R. F. Bishop	0.0	7-28	R. F. Bishop	0.0
5-17	do	.0	8-11	do	.0
5-23	do	.0	8-25	do	.0
6- 1	do	.0	9-12	do	.0
6-13	do	.0	9-20	do	.0
6-29	do	.0	9-27	do	.0
7- 6	do	.0			
TILLSON CANAL—D-236					
Diverted from South Loup River—Sec. 29-12-15 W.					
8-31	W. J. Page	0.0			
TOBIN CANAL—D-330					
Diverted from Lodgepole Creek—Sec. 28-14-47 W.					
5-11	R. F. Bishop	0.2	8- 4	R. F. Bishop	0.0
5-25	do	.0	8-26	do	.0
6-30	do	.0			
TODD CANAL—A-520					
Diverted from East Ash Creek—Sec. 5-31-50 W.					
10- 7	Meyers-Bishop	0.0	7-22	M. K. Wilgus	0.0
5-12	R. V. Meyers	.0	8-29	do	.0
6-22	Christensen-Wilgus	.0	9-28	do	.0
TRACY CANAL—A-870					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
5- 2	R. F. Bishop	0.8	7-12	Bishop-Kimmel	0.0
5-16	do	1.7	8- 1	R. F. Bishop	0
5-24	do	.6	8-15	do	.0
5-31	do	.1	8-22	do	.0
6- 6	do	.3	8-30	do	.0
6-14	do	.7	9-13	do	.0
6-22	do	.0	9-19	do	.0
6-27	do	.0	9-26	do	.0
7- 5	do	.0			
TRAILS END CANAL—A-3453					
Diverted from Pumpkinseed Creek—Sec. 30-19-52 W.					
5-10	Jack Ratliff	0.0	8-17	Jack Ratliff	0.0
7- 9	do	.0	9-26	do	1.9
TRINNIER CANAL—D-849, A-1551					
Diverted from Greenwood Creek—Sec. 28-18-50 W.					
10- 5	Jack Ratliff	9.6	8-25	Jack Ratliff	5.2
5-13	C. D. Christensen	.0			

Note: Headgate measurement unless otherwise stated.

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
TRI-STATE CANAL—A-768—AKERS DRAW					
To River—Sec. 12-23-57 W.					
12- 4	Neely-Bishop	13.7	2-28	D. J. Neely	11.0
12-16	D. J. Neely	12.0	3-16	do	12.0
1-22	Neely-Meyers	13.1	3-28	do	11.3
2- 8	D. J. Neely	11.4	4-11	do	11.3
TRI-STATE CANAL—D-918, A-660—ALLIANCE DRAIN					
To River—Sec. 18-22-53 W.					
2-28	D. J. Neely	6.6	7-11	D. J. Neely	8.3
3-15	do	5.5	7-18	do	12.4
3-28	do	5.6	7-26	do	18.6
4-19	do	6.1	8- 1	do	21.2
5-10	do	.0	8- 8	do	21.9
5-16	do	.0	8-15	do	17.0
5-23	do	.0	8-23	do	21.0
6- 2	do	6.6	8-30	do	24.1
6- 9	do	.0	9- 6	do	13.1
6-20	do	.0	9-13	do	27.0
6-28	do	11.5	9-20	do	21.8
7- 5	do	13.6	9-27	do	6.9
TRI-STATE CANAL—A-768—DRY SPOTTED TAIL CREEK					
To River—Sec. 9-23-56 W.					
5-10	D. J. Neely	0.0	7-19	D. J. Neely	28.0
5-16	do	.0	7-26	do	28.6
5-23	do	.0	8- 4	do	28.9
6- 9	do	.0	8-11	do	32.7
6-21	do	.0	8-19	do	34.6
6-28	do	.0	8-29	do	35.8
7- 6	do	21.0	9-15	do	35.9
7-12	do	25.3			
TROGNITZ CANAL—D-365					
Diverted from Lodgepole Creek—Sec. 36-14-50 W.					
6-29	R. F. Bishop	0.0			
TURLEY PUMP—A-2740					
Diverted from South Loup River—Sec. 6-16-24 W.					
Measurement made at Pump Site					
8-24	W. J. Page	0.0			
TURNER CANAL—D-537					
Diverted from Antelope Creek, South—Sec. 26-34-57 W.					
7-14	M. K. Wilgus	0.0	8-23	M. K. Wilgus	0.0
8- 2	do	.0	9-21	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
TURNER RESERVOIR CANAL—A-1676					
Diverted from Turner Reservoir, A-1675—Sec. 26-34-57 W.					
7-14	M. K. Wilgus	0.0	8-23	M. K. Wilgus	0.0
8- 2	do	.0	9-21	Wilgus-Rasmussen	.0
UHLIG PUMP—A-4290					
Diverted from South Loup River—Sec. 24-15-22 W. Measurement made at Pump Site					
8-24	W. J. Page	0.0			
URBACH CANAL—D-308					
Diverted from Lodgepole Creek—Sec. 15-14-51 W.					
4-25	R. F. Bishop	0.0	8-16	R. F. Bishop	0.0
5-10	do	.0	8-25	do	.0
6- 1	do	.0	9- 7	do	.0
6-13	do	.0	9-20	do	.0
6-29	do	.0			
VALLEY GROVE CANAL—A-2318					
Diverted from Republican River—Sec. 2-1-12 W.					
5-26	L. F. Zabel	0.0			
VAN CLEAVE PUMP—A-3151					
Diverted from South Loup River—Sec. 7-15-22 W. Measurement made at Pump Site					
8-24	W. J. Page	0.0			
VAN TREEK CANAL—A-1098					
Diverted from East Saw Log Creek—Sec. 5-30-51 W.					
6-30	M. K. Wilgus	0.0			
VICTORIA CANAL NO. 1—D-210, D-212, A-1843					
Diverted from Victoria Creek—Sec. 1-19-21 W.					
10- 5	W. J. Page	0.0	8- 9	W. J. Page	0.0
7-12	do	.0	8-23	do	.0
7-26	do	.0	9-20	do	.0
VICTORIA CANAL NO. 2—D-213, A-1845					
Diverted from Victoria Creek—Sec. 1-19-21 W.					
7-12	W. J. Page	0.9	8- 9	W. J. Page	1.4
7-26	do	4.3			
WALL PUMP—A-2410					
Diverted from South Loup River—Sec. 35-18-26 W. Measurement made at Pump Site					
8-24	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
WARBONNET CANAL—D-548					
Diverted from Warbonnet Creek—Sec. 21-33-56 W.					
4-26	C. D. Christensen	1.8	8- 2	M. K. Wilgus	0.0
5-18	R. V. Meyers	1.0	8-23	do	.0
7-13	M. K. Wilgus	.0	9-19	do	1.4
WARBONNET CANAL NO. 2—A-892					
Diverted from Warbonnet Creek—Sec. 20-33-56 W.					
4-26	C. D. Christensen	0.0	8- 2	M. K. Wilgus	0.0
5-18	R. V. Meyers	1.6	8-23	do	.6
7-13	M. K. Wilgus	.0	9-19	do	.0
WARNEKE CANAL—D-505					
Diverted from Niobrara River—Sec. 27-31-57 W.					
8- 4	Wilgus-Rasmussen	0.0			
WEARIN CANAL—A-1864					
Diverted from Lodgepole Creek—Sec. 8-14-58 W.					
Measurements made at Rating Flume					
4-18	R. F. Bishop	0.0	7-12	R. F. Bishop	0.0
5- 2	do	.0	8- 1	do	.0
5-16	do	.0	8-15	do	.0
5-24	do	.0	8-30	do	.0
6-14	do	.0	9-13	do	.0
6-27	do	.0	9-26	do	.0
WEAVER PUMP—A-3332					
Diverted from South Loup River—Sec. 24-15-22 W.					
8-24	W. J. Page	0.0			
WERTZ CANAL—A-600					
Diverted from Lodgepole Creek—Sec. 12-13-46 W.					
4-27	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
WHITE RIVER CANAL—D-477					
Diverted from White River—Sec. 34-32-52 W.					
Measurement made at Rating Flume					
5-20	R. V. Meyers	0.0	6-24	Christensen-Wilgus	0.0
WHITE RIVER CANAL—A-936					
Diverted from White River—Sec. 25-32-52 W.					
9- 9	M. K. Wilgus	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
WICKERSHAM CANAL—A-2203					
Diverted from Boggy Creek and Wickersham Reservoir—A-2182 Sec. 30-33-54 W.					
4-26	C. D. Christensen	0.7	7-28	M. K. Wilgus	0.0
5-19	R. V. Meyers	.0	8-15	do	.0
6-28	Wilgus-Rasmussen	.0	9-19	do	.0
WICKERSHAM CANAL—A-2204					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
5-19	R. V. Meyers	0.0	7-28	M. K. Wilgus	0.0
6-28	Wilgus-Rasmussen	.0	8-19	do	.0
7-12	M. K. Wilgus	.0	9-19	do	.0
WICKERSHAM CANAL—A-701					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
4-26	C. D. Christensen	0.7	7-12	M. K. Wilgus	0.2
5-19	R. V. Meyers	.0	8-19	do	.0
6-28	Wilgus-Rasmussen	.0	9-19	do	.0
WICKERSHAM SUPPLY CANAL—A-2182					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
5-19	R. V. Meyers	0.0	7-28	M. K. Wilgus	0.0
6-28	Wilgus-Rasmussen	.0	8-19	do	.0
7-12	M. K. Wilgus	.0	9-19	do	.0
WIEGAND CANAL—A-563					
Diverted from Lodgepole Creek—Sec. 17-13-45 W.					
4-27	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
WIEGAND CANAL NO. 2—A-1323					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
4-27	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
WIEGAND CANAL NO. 3—A-1322					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
4-27	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
WILDS CANAL, NORTH—A-904					
Diverted from Lodgepole Creek—Sec. 11-13-46 W.					
4-27	R. F. Bishop	0.0	8-26	R. F. Bishop	0.0
5-12	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
WILDS CANAL, SOUTH—A-904					
Diverted from Lodgepole Creek—Sec. 11-13-46 W.					
4-27	R. F. Bishop	0.0			
WILSON PUMP—A-4273					
Diverted from Mud (Beaver) Creek—Sec. 11-14-17 W.					
Measurement made at Pump Site					
8-17	W. J. Page	0.0			
WOLFE CANAL—D-813					
Diverted from Lodgepole Creek—Sec. 18-13-45 W.					
4-27	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
5-12	do	.0	8-26	do	.0
WOODRUFF CANAL, NORTH—D-536					
Diverted from Jim Creek—Sec. 14-33-56 W.					
7-28	M. K. Wilgus	0.0	9-21	M. K. Wilgus	0.0
8-23	do	.0			
WOODRUFF CANAL, SOUTH—D-536					
Diverted from Jim Creek—Sec. 14-33-57 W.					
7-13	M. K. Wilgus	0.0	8-23	M. K. Wilgus	0.0
7-28	do	.0			
YANDA PUMP—A-3454					
Diverted from Mud (Beaver) Creek—Sec. 1-12-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	0.0			
YANDA PUMP—A-1920					
Diverted from Mud (Beaver) Creek—Sec. 8-12-14 W.					
Measurement made at Pump Site					
8-11	W. J. Page	0.6			
YOUNG CANAL—A-1921					
Diverted from Bushy Creek—Sec. 33-8-29 W.					
5-13	L. F. Zabel	0.0			
ZERBST CANAL NO. 1—A-1405					
Diverted from Warbonnet Creek—Sec. 26-33-57 W.					
5-18	R. V. Meyers	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1949

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
ZERBST CANAL NO. 2—A-1404					
Diverted from Warbonnet Creek—Sec. 25-33-57 W.					
5-18	R. V. Meyers	0.0			
ZERBST CANAL—A-2003					
Diverted from Little Red Creek—Sec. 34-33-56 W.					
4-25	C. D. Christensen	0.2	8-30	M. K. Wilgus	0.1
7-13	M. K. Wilgus	.0			
ZERBST CANAL—D-551					
Diverted from Little Red Creek or Prairie Dog Creek—Sec. 25-33-56 W.					
7-13	M. K. Wilgus	0.0			
ZIMMERMAN CANAL—A-532					
Diverted from Sow Belly Creek—Sec. 34-33-55 W.					
5-17	Meyers-Rasmussen	0.0	8-19	M. K. Wilgus	1.3
7-14	M. K. Wilgus	.0	9-19	do	1.9
7-28	do	.0			
ZINNEL PUMP—A-3201					
Diverted from Mud (Beaver) Creek—Sec. 2-12-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	0.0			
ZINNEL PUMP—A-3389					
Diverted from Mud (Beaver) Creek—Sec. 2-12-15 W.					
Measurement made at Pump Site					
8-11	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec. ft.
ADAMS CANAL—D-371					
Diverted from Lodgepole Creek—Sec. 3-14-52 W.					
5- 2	R. F. Bishop	0.0	6- 6	R. F. Bishop	0.0
5- 9	do	.0	6-20	do	.0
5-17	do	.0	7-12	do	.0
5-23	do	.0	8- 9	do	.0
6- 1	do	.0	9-26	do	.0
AIRDALE CANAL NO. 1—A-698, A-1380					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
Measurements made at 5.5 ft. Weir					
6-30	R. F. Bishop	0.8	9- 7	R. F. Bishop	1.0
8-14	Bishop-Christensen	1.0	9-21	do	.0
8-24	R. F. Bishop	.0	9-27	do	.0
8-31	do	1.0			
AIRDALE CANAL NO. 2—A-699, A-1133					
Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.					
6- 3	R. F. Bishop	2.5	8- 7	R. F. Bishop	0.0
6- 9	do	2.2	8-14	Bishop-Christensen	.0
6-16	do	1.2	8-24	R. F. Bishop	.0
6-23	do	.1	8-31	do	.0
6-30	do	.1	9- 7	do	.0
7-28	do	.0	9-27	do	.0
AIRDALE CANAL NO. 3—A-1508					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
6-30	R. F. Bishop	0.0	8-14	Bishop-Christensen	0.0
7-28	do	.0	8-24	R. F. Bishop	.0
ALLEN-LARNED CANAL—D-117					
Diverted from Buffalo Creek—Sec. 18-1-40 W.					
5- 2	L. F. Zabel	0.0	6-27	L. F. Zabel	3.4
5-16	do	.0	7-20	do	1.9
ANDERSON CANAL—D-373					
Diverted from Lodgepole Creek—Sec. 8-14-51 W.					
5- 4	R. F. Bishop	3.0	7- 3	R. F. Bishop	1.4
5- 9	do	.3	7-12	do	1.5
5-17	do	.3	7-18	do	1.5
5-23	do	2.6	8- 4	do	.4
6- 1	do	.3	8- 9	do	1.2
6- 6	do	.2	8-23	do	.2
6-13	do	1.6	8-30	do	.1
6-20	do	2.0	9-26	do	.1

Note: Headgate measurement unless otherwise stated.

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
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ANDREWS SUPPLY CANAL—A-2558

Diverted from Sow Belly Creek and Andrews Reservoir, A-2530

Sec. 5-32-55 W.

11- 4	M. K. Wilgus	3.0	7- 6	M. K. Wilgus	0.0
2- 9	do	.0	8-11	do	.0
3-23	do	.0	8-30	do	.0
4-14	do	.0	9- 7	do	1.1
5-11	do	.0	9-28	do	.0
6-21	do	.0			

ASH CREEK, WEST, CANAL—A-434, D-452R

Diverted from West Ash Creek—Sec. 35-32-51 W.

11- 8	M. K. Wilgus	1.5	6- 6	M. K. Wilgus	2.10
12-14	do	.6	6-26	do	.0
1- 5	do	.0	7-17	do	.0
3-14	do	.2	7-24	do	.0
4- 6	do	.0	8-14	do	.0
5- 4	do	.0	9- 5	do	.0
5-22	do	1.8	9-22	do	.0

ATKINS-POLLY CANAL—D-342, D-344

Diverted from Lodgepole Creek—Sec. 30-15-55 W.

Measurements made at Rating Flume

10- 5	R. F. Bishop	0.0	7-10	R. F. Bishop	1.6
5- 2	do	2.0	8- 3	do	.0
5- 8	do	.0	8-23	do	.0
5-17	do	.4	8-30	do	2.2
5-31	do	.0	9- 6	do	1.7
6-12	Bishop-Lutey	1.5	9-12	do	.0
6-19	R. F. Bishop	2.2			

BAR 99 CANAL—A-2898

Diverted from Bear Creek—Sec. 16-34-37 W.

6-15	Wilgus-Rasmussen	0.0
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BARBER CANAL—D-754, A-1111

Diverted from Clear Creek—Sec. 29-16-41 W.

5- 8	Jack Ratliff	0.0	7-20	Jack Ratliff	0.0
6- 3	do	.0	8- 7	do	.0
6-10	C. D. Christensen	.0	8-21	do	.0
6-19	Jack Ratliff	.0	9-14	do	.0
7- 7	do	5.4			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BARRON CANAL EAST AND WEST—A-2024, D-438R					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
6- 6	M. K. Wilgus	1.6	8-14	M. K. Wilgus	0.0
6-26	do	.0	9- 5	do	.0
7-17	do	.0	9-22	do	.0
7-24	do	.0			
BARRON CANAL, EAST—A-2024					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
11- 8	M. K. Wilgus	0.0	5- 4	M. K. Wilgus	2.4
3-14	do	.0	5-22	do	3.0
4- 6	do	.0			
BARRON CANAL, WEST—D-438R					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
3-14	M. K. Wilgus	0.0	5- 4	M. K. Wilgus	2.4
4- 6	do	.0			
BARSTOW PUMPS 1 AND 2—D-330R					
Diverted from Lodgepole Creek—Sec. 28-14-47 W.					
Measurements made at Pump Site					
5-24	R. F. Bishop	0.0	7-19	R. F. Bishop	0.0
7-13	do	.0			
BARSTOW PUMP NO. 3—A-382S					
Diverted from Lodgepole Creek—Sec. 28-14-47 W.					
Measurements made at Pump Site					
5-24	R. F. Bishop	0.0	7-19	R. F. Bishop	0.0
7-13	do	.0			
BARTH PUMP—A-3143, A-3328					
Diverted from Blackwood Creek—Sec. 33-4-31 W.					
Measurement made at Pump Site					
6- 9	L. F. Zabel	0.0			
BARTLETT CANAL PUMP—A-2285					
Diverted from White River—Sec. 19-34-48 W.					
7-11	Wilgus-Rasmussen	0.0			
BAUERSACHS CANAL—D-492					
Diverted from Hooker Creek—Sec. 7-31-51 W.					
7-13	M. K. Wilgus	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BEAL CANAL—A-1620					
Diverted from South Platte River—Sec. 20-13-40 W.					
10- 6	J. H. Hintz	7.6	6-21	J. H. Hintz	16.0
10-24	do	4.1	6-28	do	6.2
10-31	do	2.6	7- 5	do	7.9
11- 9	do	1.7	7-12	do	4.8
11-15	do	1.4	7-19	do	.5
12- 2	do	.8	7-26	do	3.7
4-13	do	.5	8- 2	do	3.4
4-19	do	.2	8- 9	do	2.2
4-26	do	1.1	8-16	do	.7
5- 8	do	1.6	8-23	do	1.7
5-15	do	.2	8-30	do	8.8
5-23	do	0	9- 6	do	10.7
5-31	do	.0	9-14	do	8.8
6- 7	do	.0	9-20	do	10.8
6-14	do	17.1	9-27	do	5.8

BEISER CANAL—A-1056

Diverted from Niobrara River—Sec. 4-29-56 W.

5-12	M. K. Wilgus	0.0	8-11	M. K. Wilgus	0.0
7-21	Wilgus-Rasmussen	.0	9-25	do	.1

BENDIX CANAL—A-189, A-1669

Diverted from Sand Creek—Sec. 35-33-53 W.

10- 4	M. K. Wilgus	0.0	7- 1	M. K. Wilgus	0.0
10-18	do	.0	7-13	do	.0
11- 5	do	.1	8- 1	do	.0
3- 6	do	.5	8-18	do	.0
4-15	do	.6	9- 1	do	.0
5-20	do	.1	9-18	do	.0
6- 3	do	.0			

BENNETT CANAL—A-1249

Diverted from Niobrara River—Sec. 1-28-54 W.

10-27	M. K. Wilgus	0.0	6-27	M. K. Wilgus	0.0
3-17	do	.0	7-20	do	0
4-12	do	.0	8- 3	do	.0
5- 2	do	.0	8-29	do	.0
5-24	Wilgus-Rasmussen	1.6	9-12	do	.0
6- 9	M. K. Wilgus	2.0			

BENNETT CANAL NO. 3—A-934

Diverted from Lodgepole Creek—Sec. 29-15-54 W.

6-20	R. F. Bishop	0.0			
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Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BENTHACK CANAL—A-1749					
Diverted from Spring Creek—Sec. 11-33-49 W.					
8-17	Wilgus-Rasmussen	0.0			
BIGELOW-SEYMOUR CANAL—D-510					
Diverted from Niobrara River—Sec. 19-31-57 W.					
10-27	M. K. Wilgus	0.0	6-23	M. K. Wilgus	0.0
11-29	do	.0	7-20	do	1.7
3-23	do	.0	8- 3	do	.0
4-14	do	.0	8-29	do	.0
4-27	do	.0	9-12	do	.0
5-12	do	.0	9-28	do	.0
5-29	do	.0			
BIRD CAGE CANAL—D-892					
Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.					
5-17	C. D. Christensen	0.4	7-14	R. F. Bishop	0.0
5-26	R. F. Bishop	.5	7-22	do	.0
6- 9	do	.5	7-31	do	.0
6-16	do	.8	8- 7	do	.0
6-23	do	.3	8-14	do	.0
6-30	do	.3	8-24	do	.0
7- 5	do	.7	8-31	do	.0
7- 8	do	.0	9- 7	do	.0
BIRDWOOD CANAL, WEST—D-652					
Diverted from Birdwood Creek—Sec. 22-15-33 W.					
10- 3	J. H. Hintz	1.7	6-13	J. H. Hintz	3.6
10-11	do	1.2	6-20	do	2.6
10-18	do	.3	6-27	do	1.6
10-25	do	.2	7- 4	do	.2
11- 1	do	.2	7-11	do	1.6
11- 7	do	.2	7-18	do	1.8
11-14	do	.1	7-25	do	2.2
11-21	do	.2	8- 1	do	1.8
12- 1	do	.1	8- 8	do	2.1
4-18	do	.3	8-15	do	2.1
4-25	do	.4	8-22	do	2.3
5- 2	do	.5	8-29	do	2.7
5-11	do	.4	9- 5	do	2.1
5-18	do	.9	9-13	do	2.8
5-24	do	.4	9-19	do	.8
5-30	do	.4	9-26	do	.4
6- 6	do	.5			
BLANK AND JOY CANAL—A-2025					
Diverted from Center Creek—Sec. 1-1-15 W.					
5-11	L. F. Zabel	0.0	9-28	L. F. Zabel	0.0
6-22	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BLUHM CANAL—A-1811					
Diverted from Lodgepole Creek—Sec. 36-14-48 W.					
5-15	R. F. Bishop	0.0	7-14	R. F. Bishop	0.0
6-22	do	.0	7-27	do	.0
BOOTH CANAL, NORTH—D-309, D-310					
Diverted from Lodgepole Creek—Sec. 29-14-47 W.					
Measurements made at Rating Flume					
5-16	R. F. Bishop	0.0	6-22	R. F. Bishop	0.1
5-15	do	.0	6-29	do	2.2
5-24	do	.0	7-13	do	.0
6- 7	do	3.5	7-19	do	.0
6-14	do	.0	9- 8	do	.0
BOOTH CANAL, SOUTH—D-309, D-310					
Diverted from Lodgepole Creek—Sec. 29-14-47 W.					
Measurements made at Rating Flume					
5-10	R. F. Bishop	0.0	6-22	R. F. Bishop	3.9
5-15	do	.0	6-29	do	.1
5-24	do	.1	7-13	do	.0
6- 7	do	.1	7-19	do	.0
6-14	do	2.3	9- 8	do	1.7
BORDWELL CANAL, SOUTH—D-302					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
5- 4	R. F. Bishop	0.0	6-27	R. F. Bishop	0.0
5-10	do	.0	7- 3	do	.0
5-15	do	.0	7-12	do	.0
5-24	do	.0	7-18	do	.0
6- 7	do	.0	7-26	do	.0
6-14	do	.0	8- 4	do	.0
6-22	do	.0	8-11	do	.0
BORDWELL CANAL, NORTH—D-303					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
5- 4	R. F. Bishop	0.0	7- 3	R. F. Bishop	0.0
5-10	do	.0	7-12	do	.0
5-15	do	.0	7-18	do	.0
5-24	do	1.8	7-26	do	.0
6- 7	do	.0	8- 4	do	.0
6-14	do	.0	8-11	do	.0
6-22	do	.0	8-25	do	.0
6-27	do	.0	9- 6	do	.0

Note: Headgate measurement unless otherwise stated.

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BORQUIST CANAL, SOUTH—D-300					
Diverted from Lodgepole Creek—Sec. 34-14-49 W.					
5- 4	R. F. Bishop	0.0	7- 3	R. F. Bishop	0.0
5-10	do	0	7-12	do	.0
5-15	do	.0	7-18	do	.0
5-24	do	.0	7-26	do	1.4
6- 7	do	.0	8- 4	do	.0
6-14	do	.0	8-11	do	.0
6-22	do	.0	8-25	do	.0
6-27	do	.0	9- 6	do	.0
BORQUIST CANAL, NORTH—D-301					
Diverted from Lodgepole Creek—Sec. 34-14-49 W.					
5- 4	R. F. Bishop	0.0	7- 3	R. F. Bishop	0.0
5-10	do	.0	7-12	do	.0
5-15	do	.0	7-18	do	.0
5-24	do	.0	7-26	do	.1
6- 7	do	.0	8- 4	do	.0
6-14	do	.0	8-11	do	.0
6-22	do	.8	8-25	do	.0
6-27	do	.8	9- 6	do	0
BORTNER PUMP—A-2938					
Diverted from Red Willow Creek—Sec. 28-5-30 W.					
9- 1	L. F. Zabel	0.0			
BOURETT CANAL—A-4					
Diverted from Niobrara River—Sec. 33-30-56 W.					
7-21	Wilgus-Rasmussen	0.0			
BOURETT CANAL, SOUTH—A-5					
Diverted from Niobrara River—Sec. 29-30-56 W.					
7-21	Wilgus-Rasmussen	0.0			
BOURETT CANAL—A-542					
Diverted from Niobrara River—Sec. 29-30-56 W.					
7-21	Wilgus-Rasmussen	0.0			
BOURETT CANAL—A-546					
Diverted from Niobrara River—Sec. 19-30-56 W.					
11- 4	M. K. Wilgus	0.0	6-27	M. K. Wilgus	0.0
4-14	do	.0	7-21	Wilgus-Rasmussen	.0
BOURETT CANAL NO. 2—A-1209					
Diverted from Niobrara River—Sec. 29-30-56 W.					
7-21	Wilgus-Rasmussen	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
BROADHURST CANAL—A-1264					
Diverted from Little Cottonwood Creek—Sec. 7-32-51 W.					
3-29	M. K. Wilgus	0.0	5-26	M. K. Wilgus	9.0
5-19	do	.0	7-18	do	.0
5-26	do	.0	8- 9	do	.0
BULLOCK CANAL—A-437					
Diverted from Lodgepole Creek—Sec. 4-13-46 W.					
5-11	R. F. Bishop	0.0	6-15	R. F. Bishop	0.0
5-18	do	.0	7-19	do	.0
5-25	do	.0	7-27	do	.0
6- 8	do	.0	9- 8	do	.0
BULLOCK CANAL—D-296					
Diverted from Lodgepole Creek—Sec. 3-13-46 W.					
5-11	R. F. Bishop	0.0	6-28	R. F. Bishop	0.0
5-18	do	.0	7-13	do	1.0
5-25	do	.0	7-19	do	.1
6- 8	do	.0	7-27	do	.0
6-15	do	.0	9- 8	do	.0
6-21	do	.0			
BUSHNELL CANAL—A-504					
Diverted from Lodgepole Creek—Sec. 2-14-58 W.					
5- 1	R. F. Bishop	0.0	7-17	R. F. Bishop	0.9
5- 8	do	.0	7-25	do	1.6
5-16	do	3.5	8- 3	do	.0
5-22	do	3.3	8- 8	do	.0
5-31	do	3.4	8-17	do	.0
6- 5	do	3.4	8-22	do	.0
6-12	do	.4	8-29	do	.0
6-19	do	.9	9- 5	do	.0
6-26	do	.9	9-25	do	.0
7-11	do	1.2			
BUTLER PUMP—A-3252					
Diverted from Republican River—Sec. 34-1-7 W.					
Measurements made at Pump Site					
10- 6	L. F. Zabel	0.0	6-23	L. F. Zabel	0.0
5-11	do	.0	8-17	do	.0
CALADONIA CANAL—A-1681, A-1683					
Diverted from Jim Creek and Caladonia Reservoir—Sec. 13-33-57 W.					
9-14	Wilgus-Rasmussen	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
CAMBRIDGE CANAL—A-3869E					
Diverted from Republican River—Sec. 27-4-25 W.					
9- 7	R. E. Aldrich	14.1	9-21	R. E. Aldrich	38.5
9-11	do	13.0	9-22	do	44.2
9-14	do	15.2	9-25	do	45.8
9-18	do	7.5	9-27	do	55.9
CAPRON CANAL—D-890					
Diverted from Greenwood Creek—Sec. 15-18-50 W					
5-11	C. D. Christensen	0.0			
CARTWRIGHT PUMP—A-3117					
Diverted from Ash Creek—Sec. 7-32-50 W.					
Measurement made at Pump Site					
6-26	M. K. Wilgus	0.0			
CHAMPION CANAL—D-47, A-1108					
Diverted from Frenchman River—Sec. 23-6-40 W.					
10- 4	L. F. Zabel	0.0	8- 2	L. F. Zabel	4.8
4-25	do	17.4	8-15	do	28.6
6-12	do	14.5			
CHASE COUNTY LAND AND LIVESTOCK CANAL NO. 1—A-57					
Diverted from Stinking Water Creek—Sec. 4-7-38 W.					
6-13	L. F. Zabel	0.9			
CHRISTENSEN CANAL, NORTH—D-367					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
5- 2	R. F. Bishop	0.0	7- 3	R. F. Bishop	0.6
5- 9	do	.0	7-12	do	.2
5-17	do	.0	7-18	do	.2
5-23	do	.0	8- 4	do	.0
6- 1	do	.0	8- 9	do	.0
6- 6	do	.7	8-23	do	.0
6-13	do	.9	9-26	do	.0
6-20	do	.5			
CHRISTENSEN CANAL, SOUTH—D-366					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
5- 2	R. F. Bishop	0.0	7- 3	R. F. Bishop	0.1
5- 9	do	.0	7-12	do	.0
5-17	do	.0	7-18	do	.0
5-23	do	.0	8- 4	do	.0
6- 1	do	.0	8- 9	do	.0
6- 6	do	1.3	8-23	do	.0
6-13	do	.0	9-26	do	.0
6-20	do	.5			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
CLARK CANAL—A-4403					
Diverted from Ash Creek—Sec. 27-16-42 W.					
5-17	Jack Ratliff	1.5			
CLEAR CREEK CANAL—D-748					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements made at Rating Flume					
5- 8	Jack Ratliff	0.0	7-20	Jack Ratliff	0.0
6- 3	do	4.7	8- 7	do	.0
6-12	do	.0	8-21	do	.0
6-19	do	.0	9-14	do	.0
7- 7	do	3.2			
COFFEE CANAL, EAST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
11- 4	M. K. Wilgus	0.0	6-23	M. K. Wilgus	0.0
12- 3	Wilgus-Rasmussen	1.4	7-26	do	.8
1-10	M. K. Wilgus	.0	8-15	do	.6
3-23	do	.4	8-30	do	.0
4- 7	do	1.5	9-28	do	1.7
5-12	do	1.3			
COFFEE CANAL, WEST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
11- 4	M. K. Wilgus	0.0	6-23	M. K. Wilgus	0.0
12- 3	Wilgus-Rasmussen	.0	7-26	do	.0
1-10	M. K. Wilgus	.0	8-15	do	.0
3-23	do	.4	8-30	do	.0
4- 7	do	.0	9-28	do	.0
5-12	do	.0			
COFFEE AND SON FLOOD CANAL—A-1236					
Diverted from Hat Creek—Sec. 14-33-55 W.					
9-14	Wilgus-Rasmussen	0.0			
COLE PROJECT DAM NO. 1—A-2254					
Diverted from Bear Creek—Sec. 14-34-37 W.					
6-15	Wilgus-Rasmussen	0.0			
COOK CANALS NO. 1 AND 2—D-980					
Diverted from Niobrara River—Sec. 2-28-56 W.					
3-17	M. K. Wilgus	0.0	6- 9	M. K. Wilgus	3.2
4-12	do	.0	7-26	do	.0
5- 2	do	.0	8- 3	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
COOPER CANAL—A-333					
Diverted from Squaw Creek—Sec. 36-32-52 W.					
10- 3	M. K. Wilgus	9.0	4- 6	M. K. Wilgus	0.1
10-26	do	.0	4-28	do	.0
11-10	do	.0	5- 4	do	.0
3- 4	do	0	5-19	do	.0
3- 9	do	.0	8-14	do	.0
3-22	do	.2	8-18	do	.0
COOPER CANAL, EAST—A-42					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
10- 3	M. K. Wilgus	0.0	11-10	M. K. Wilgus	0.0
COOPER SUPPLY CANAL—A-2063					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
10- 3	M. K. Wilgus	2.3	3-22	M. K. Wilgus	0.2
11-10	do	1.1	8-18	do	.0
3- 9	do	1.2			
CRESCENT CANAL—A-1575					
Supplemental Storage withdrawn from Crescent Lake Sec. 21-20-44 W.					
6-15	Jack Ratliff	7.8	7-10	Jack Ratliff	20.0
6-29	do	20.0	7-17	do	.0
7- 3	P. D. Harrington	.0	7-27	do	0
7- 5	do	.0			
CREWS CANAL—D-1025R, Petition 241					
Diverted from Republican River, North Fork—Sec. 21-1-41 W.					
5- 2	L. F. Zabel	0.0			
CRIGLER CANAL—D-861, A-486					
Diverted from Lawrence Fork—Sec. 1-18-52 W.					
5-17	C. D. Christensen	2.5	8-19	R. F. Bishop	9.3
6-12	P. D. Harrington	.2	8-21	do	1.9
6-13	do	.2	8-21	do	1.8
6-13	do	1.6	8-26	P. D. Harrington	.8
7- 6	do	.4	8-28	R. F. Bishop	2.0
7- 8	do	1.9	9- 2	do	1.4
7-15	do	2.0	9-11	do	3.4
7-18	do	1.2	9-23	do	3.0
7-20	R. F. Bishop	.6	9-29	do	.0
7-27	C. D. Christensen	1.2			
CRYSTAL LAKE CANAL—A-2286					
Diverted from Crystal Lake Reservoir—Sec. 6-32-55 W.					
7-14	Wilgus-Rasmussen	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
DICKINSON CANAL—D-967					
Diverted from Lodgepole Creek—Sec. 33-14-47 W.					
5-10	R. F. Bishop	0.0	7-13	R. F. Bishop	0.1
5-15	do	.0	7-14	do	.1
5-24	do	.0	7-19	do	.0
6- 7	do	.0	7-26	do	.1
6-14	do	3.3	9- 8	do	.0
6-22	do	1.6			
DICKINSON CANAL—D-969					
Diverted from Lodgepole Creek—Sec. 26-14-47 W.					
5-10	R. F. Bishop	0.0	6-28	R. F. Bishop	0.0
5-15	do	.0	7-13	do	.0
6- 7	do	.0	7-19	do	.0
6-14	do	.0	7-27	do	.0
6-22	do	.0	9- 8	do	.1
DOUT BROTHERS CANAL—D-981					
Diverted from Jim Creek—Sec. 7-33-56 W.					
3-24	M. K. Wilgus	0.5	6-21	M. K. Wilgus	0.0
4- 7	do	.4	7- 6	do	.0
5-12	do	.0	8-30	do	.0
6- 1	do	.7			
DOUT CANAL NO. 1—A-2000					
Diverted from Dout Reservoir-A-1999—Sec. 7-33-56 W.					
6-21	M. K. Wilgus	1.2	7- 6	M. K. Wilgus	0.0
DOUT CANAL NO. 2—A-2002					
Diverted from Dout Reservoir No. 2, A-2001—Sec. 7-33-56 W.					
6-21	M. K. Wilgus	0.0	7- 6	M. K. Wilgus	3.0
DUNN CANAL—A-649					
Diverted from Little Cottonwood Creek—Sec. 9-32-52 W.					
10- 4	M. K. Wilgus	0.0	6-17	M. K. Wilgus	0.0
10-18	do	.0	7-13	do	.0
11- 5	do	.0	8-18	do	.0
3-31	do	.0	9- 1	do	.0
4-15	do	.0	9-22	do	.0
5- 1	do	.0			
EARNEST CANAL NO. 1—D-514a					
Diverted from Niobrara River—Sec. 9-29-56 W.					
11- 4	M. K. Wilgus	4.6	5-29	M. K. Wilgus	5.4
11-29	do	.0	7-21	Wilgus-Rasmussen	.0
3-24	do	.0	8-11	M. K. Wilgus	4.3
4-14	do	.0	9-25	do	.0
5-12	do	2.3			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
EARNEST CANAL NO. 2—D-514b					
Diverted from Niobrara River—Sec. 9-29-56 W.					
11- 4	M. K. Wilgus	6.1	5-29	M. K. Wilgus	3.0
11-29	do	.0	7-21	Wilgus-Rasmussen	2.9
3-24	do	.0	8-11	M. K. Wilgus	.0
4-14	do	.0	9-25	do	2.7
5-12	do	5.3			
ECKERT CANAL—A-4281					
Diverted from Pumpkinseed Creek—Sec. 19-19-51 W.					
9-21	R. F. Bishop	0.0	9-27	R. F. Bishop	0.0
EHRMAN PUMP—A-3859					
Diverted from Pumpkinseed Creek—Sec. 18-19-53 W.					
Measurements made at Pump Site					
7- 6	R. F. Bishop	0.0	8-24	R. F. Bishop	0.0
7- 8	do	.0	8-31	do	.0
8- 7	do	.0	9- 7	do	.0
ELMER CANAL—A-1704					
Diverted from Indian Creek—Sec. 16-32-50 W.					
11- 8	M. K. Wilgus	0.0			
ENTERPRISE CANAL PUMP—D-461					
Diverted from Niobrara River—Sec. 27-29-50 W.					
Measurements made at Pump Site					
6-28	M. K. Wilgus	0.0	7-12	M. K. Wilgus	0.0
7- 5	do	1.5			
EXCELSIOR CANAL—D-568, A-2264					
Diverted from Niobrara River—Sec. 10-28-52 W.					
10-25	M. K. Wilgus	0.0	6- 9	M. K. Wilgus	0.0
11- 9	do	.0	7-20	do	.0
3-17	do	.0	8- 3	do	.0
4-12	do	.0	8-29	do	.0
5- 2	do	.0	9-12	do	.0
5-24	Wilgus-Rasmussen	.0			
FITZGERALD PUMP—A-2447					
Diverted from Red Willow Creek—Sec. 21-8-32 W.					
Measurement made at Pump Site					
6-21	L. F. Zabel	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
FOLLETT-KROTTER CANAL—A-705, A-720					
Diverted from Frenchman River—Sec. 35-5-34 W.					
Measurements made at Rating Flume					
7- 6	L. F. Zabel	0.0	9-19	L. F. Zabel	0.0
8- 2	do	18.4			
FULLER PUMP—A-3425					
Diverted from Lodgepole Creek—Sec. 15-14-51 W.					
Measurements made at Pump Site					
5- 4	R. F. Bishop	0.0	7- 3	R. F. Bishop	0.0
5- 9	do	.0	7-12	do	.0
5-17	do	.0	7-18	do	.0
6- 1	do	.0	8- 4	do	.0
6- 6	do	.0	8- 9	do	.6
6-13	do	.0	8-23	do	.0
6-20	do	.0			
FURMAN CANAL, NORTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
10-25	M. K. Wilgus	8.5	6-16	M. K. Wilgus	0.0
11- 9	do	7.5	6-28	do	.0
3- 8	do	.0	7- 7	do	.0
4- 5	do	.0	7-25	do	.0
4-19	do	.0	8- 2	do	.0
5- 3	do	.0	8-16	do	.0
5-17	do	.0	9- 8	do	.0
6- 8	do	.0	9-15	do	2.5
FURMAN CANAL, SOUTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
10-25	M. K. Wilgus	0.0	6-16	M. K. Wilgus	2.6
11- 9	do	.0	6-28	do	.0
3- 8	do	.0	7- 7	do	.0
4- 5	do	.0	7-25	Wilgus-Rasmussen	.0
4-19	do	.0	8- 2	M. K. Wilgus	.0
5- 3	do	.0	8-16	do	.0
5-17	do	.0	9- 8	do	1.3
6- 8	do	3.0	9-15	do	4.3
GALE MALONE PUMP—A-2981, A-3136					
Diverted from Stinking Water Creek—Sec. 15-5-34 W.					
Measurement made at Pump Site					
8- 2	L. F. Zabel	0.0			
GARDNER CANAL—A-1647					
Diverted from Little Cottonwood Creek—Sec. 6-1-15 W.					
6-23	L. F. Zabel	0.0	9-28	L. F. Zabel	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
GEORGE CANAL—A-3525					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
5- 2	R. F. Bishop	0.0			
GILLARD CANAL—D-812					
Diverted from Ash Creek—Sec. 3-16-42 W.					
5-17	Jack Ratliff	0.0			
GOCHNAUER CANAL—A-2420					
Diverted from Big Bordeaux Creek—Sec. 10-33-48 W.					
6-29	M. K. Wilgus	0.0			
GROSBACH-WILLIAMS PLANT—A-2338					
Diverted from Frenchman River—Sec. 5-5-37 W.					
5-31	L. F. Zabel	0.0			
GUNDERSON CANAL—D-305					
Diverted from Lodgepole Creek—Sec. 1-14-52 W.					
5- 2	R. F. Bishop	0.0	6-13	R. F. Bishop	0.0
5- 9	do	.0	6-20	do	.0
5-17	do	.0	7-12	do	.0
5-23	do	.0	8- 4	do	.0
6- 1	do	.0	8- 9	do	.0
6- 6	do	.0	8-23	do	.0
GUTHRIE CANAL—D-1036					
Diverted from Republican River—Sec. 34-1-7 W.					
10- 5	L. F. Zabel	268.0	6-23	L. F. Zabel	293.0
12- 7	Zabel-Boyd	480.0	8-17	Zabel-Aldrich	472.0
5-11	L. F. Zabel	480.0	9-27	L. F. Zabel	504.0
HADLEY CANAL—A-1964					
Diverted from Red Willow Creek—Sec. 36-3-28 W.					
6- 9	L. F. Zabel	0.0	9- 1	L. F. Zabel	0.0
HAGEMAN CANAL—A-2046					
Diverted from White River—Sec. 26-33-50 W.					
7-11	Wilgus-Rasmussen	2.1			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HAIGLER CANAL—D-1025					
Diverted from Republican River—Sec. 2-1-43 W.					
10-11	L. F. Zabel	26.8	6-27	L. F. Zabel	37.0
4-18	Zabel-Henry	7.8	7-20	do	47.5
5- 2	L. F. Zabel	51.0	8- 1	J. P. Hougnon	6.5
5-16	do	15.5	8- 8	L. F. Zabel	32.2
5-16	do	31.2	8-22	Aldrich-Hartley	15.9
5-31	A. F. Henry	46.6	9- 7	L. F. Zabel	46.3
6- 6	L. F. Zabel	35.8	9-19	Pat Walker	17.6
6-13	Hougnon-Walker	45.3			

HAIGLER CANAL—D-1025					
Diverted from Republican River—Sec. 16-1-43 W.					
10-11	L. F. Zabel	16.5	7-20	L. F. Zabel	39.0
5- 2	do	32.3	8- 1	J. P. Hougnon	6.9
5-16	do	7.7	8-22	Aldrich-Hartley	12.1
6- 6	do	29.8	9- 7	L. F. Zabel	25.8
6-13	Hougnon-Walker	31.5	9-19	Pat Walker	.0
6-27	L. F. Zabel	23.9			

HALL CANAL NO. 2—D-478c					
Diverted from White River—Sec. 34-32-52 W.					
10-18	M. K. Wilgus	0.0	7-15	Wilgus-Rasmussen	0.0
10-21	Wilgus-Rasmussen	.0	7-17	M. K. Wilgus	.0
11-10	M. K. Wilgus	.0	7-22	do	.0
3-31	do	.0	8- 4	do	.0
4-28	do	.0	8- 7	do	4.0
5- 4	do	.0	8- 9	do	5.4
5-19	do	.0	8-12	do	.0
6- 1	do	.0	8-19	do	.0
6-24	do	.0	9- 1	do	.0
6-27	do	.0	9-16	do	.0
7- 3	do	.0	9-23	do	.0
7- 8	do	.0			

HAMLIN CANAL—D-555					
Diverted from Squaw Creek—Sec. 10-33-57 W.					
9-14	Wilgus-Rasmussen	0.0			

HANNAH CANAL—D-886					
Diverted from North Plate River—Sec. 24-18-47 W.					
8-24	Jack Ratliff	0.0			

HARPER CANAL—A-2316					
Diverted from Clear Creek—Sec. 32-16-41 W.					
5- 8	Jack Ratliff	0.0	6- 3	Jack Ratliff	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HARRIS-COOPER CANAL—D-464b					
Diverted from White River—Sec. 26-32-52 W.					
10-18	M. K. Wilgus	0.0	7- 8	M. K. Wilgus	0.0
10-21	Wilgus-Rasmussen	.0	7-15	Wilgus-Rasmussen	.0
11- 7	M. K. Wilgus	.0	7-22	M. K. Wilgus	9.7
3-31	do	.0	8- 4	do	.0
4-28	do	.0	8-12	do	.0
5- 4	do	.0	8-19	do	9.0
5-19	do	0	9- 1	do	9.8
5-26	do	4.4	9- 9	do	2.4
6-10	do	3.6	9-16	do	.0
6-24	do	10.1	9-23	do	.0
7- 3	do	15.5			
HARRIS-NEECE CANAL—D-517, A-2275					
Diverted from Niobrara River—Sec. 3-28-55 W.					
10-27	M. K. Wilgus	17.2	6-27	M. K. Wilgus	8.7
3-17	do	.0	7-20	do	12.2
4-12	do	.0	8- 3	do	15.3
5- 2	do	0	8-29	do	6.9
5-24	Wilgus-Rasmussen	8.0	9-12	do	10.3
6- 9	M. K. Wilgus	10.1			
HARRY CANAL—A-2179					
Diverted from Norman Reservoir—Sec. 8-32-50 W.					
11- 8	M. K. Wilgus	0.0	8-14	M. K. Wilgus	0.4
6- 6	do	2.1	9- 5	do	.0
6-26	do	.0	9-22	do	.0
7-24	do	.0			
HAT CREEK, WEST CANAL—D-553a					
Diverted from Hat Creek—Sec. 16-32-55 W.					
3-23	M. K. Wilgus	0.0	7-26	M. K. Wilgus	0.0
4- 7	do	.0	8-15	do	.0
5-12	do	.4	8-30	do	.0
6-23	do	0	9-28	do	.0
HAZELTON CANAL—D-475					
Diverted from White Clay Creek—Sec. 13-31-52 W.					
10- 3	M. K. Wilgus	0.0	5-27	M. K. Wilgus	9.0
11- 5	do	1.8	6-10	do	.0
12-21	do	.0	7-13	do	.0
1-14	do	.0	7-18	do	.0
3- 9	do	.0	8- 3	do	.0
3-31	do	.0	8-14	do	.0
5- 4	do	.0	9- 1	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HEARD CANAL NO. 1—D-916					
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.					
6-9	R. F. Bishop	0.0			
HEARD CANAL NO. 2—D-916					
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.					
6-9	R. F. Bishop	0.0			
HIGH LINE CANAL—A-1682					
Diverted from Jim Creek—Sec. 13-33-57 W.					
9-14	Wilgus-Rasmussen	0.0			
HILL PUMP—A-3124					
Diverted from Red Willow Creek—Sec. 27-6-31 W.					
Measurement made at Pump Site					
6-29	L. F. Zabel	0.0			
HITSHEW CANAL—A-2509, A-1260					
Diverted from Niobrara River—Sec. 6-28-52 W.					
10-27	M. K. Wilgus	7.6	6-9	M. K. Wilgus	1.7
3-17	do	.0	7-20	do	.0
4-12	do	.0	8-3	do	.4
5-2	do	.0	8-29	do	.0
5-24	Wilgus-Rasmussen	2.8	9-12	do	.0
HOFFMEISTER RESERVOIR CANAL—A-2575					
Diverted from Hoffmeister Reservoir—Sec. 30-6-38 W.					
Measurement made at Pump Site					
5-23	L. F. Zabel	13.8			
HOLCOMBE CANAL, EAST—D-636					
Diverted from Pawnee Creek—Sec. 13-13-28 W.					
Measurements made at Rating Flume					
10-3	D. B. Ender	1.2	7-17	D. B. Ender	0.7
10-31	do	.0	8-2	do	.2
11-28	do	.0	8-16	do	.1
5-8	do	.2	8-28	do	.0
6-14	do	1.2	9-20	do	.0
6-28	do	1.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HOLLINGSWORTH CANAL—D-723					
Diverted from South Platte River—Sec. 7-13-38 W.					
Measurements made at Rating Station					
10- 6	J. H. Hintz	22.7	6-21	J. H. Hintz	9.0
10-24	do	2.7	6-28	do	13.3
10-31	do	2.1	7- 5	do	12.3
11- 9	do	1.5	7-12	do	13.4
11-15	do	3.6	7-19	do	8.6
12- 2	do	.0	7-26	do	30.2
4-13	do	.0	8- 2	do	11.5
4-19	do	.0	8- 9	do	.0
4-26	do	0	8-16	do	4.9
5- 8	do	.0	8-23	do	12.1
5-15	do	.0	8-30	do	11.6
5-23	do	.0	9- 6	do	8.7
5-31	do	.0	9-14	do	1.8
6- 7	do	11.8	9-20	do	5.0
6-14	do	7.0	9-27	do	1.0
HOOVER CANAL—D-353					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
5- 1	R. F. Bishop	1.3	7-17	R. F. Bishop	0.7
5- 8	do	1.3	7-25	do	.8
5-16	do	1.5	8- 3	do	.5
5-22	do	.9	8- 8	do	.5
5-31	do	.8	8-17	do	.4
6- 5	do	.6	8-22	do	.5
6-12	do	.6	8-29	do	.0
6-19	do	.8	9- 5	do	.0
6-26	do	.8	9-25	do	.0
7-11	do	.4			
HOPEFUL CANAL—A-2135					
Diverted from Lawrence Fork—Sec. 1-18-52 W.					
7-20	R. F. Bishop	0.0			
HORSE CREEK CANAL—D-159, D-173					
Diverted from Horse Creek Canal—Sec. 23-1-39 W.					
5- 2	L. F. Zabel	0.0			
HOWARD CANAL—D-336, A-1645					
Diverted from Lodgepole Creek—Sec. 31-14-47 W.					
5-10	R. F. Bishop	0.0	6-29	R. F. Bishop	0.0
5-15	do	.0	7-12	do	.0
5-24	do	.0	7-19	do	.0
6- 7	do	.0	7-27	do	.0
6-14	do	.0	9- 8	do	.0
6-22	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
HUGHES CANAL—D-987a, D-987b					
Diverted from Niobrara River—Sec. 1-28-52 W.					
10-25	M. K. Wilgus	0.0	6- 9	M. K. Wilgus	0.0
11- 9	do	.0	7-20	do	.0
3-17	do	.0	8- 3	do	.0
4-12	do	.0	8-29	do	0
5- 2	do	.0	9-12	do	3.1
5-24	Wilgus-Rasmussen	.0			
IMPERIAL POWER CANAL—A-1474					
Diverted from Frenchman River—Sec. 25-6-39 W.					
5-23	L. F. Zabel	37.7			
INDEPENDENT CANAL—D-343					
Diverted from Lodgepole Creek—Sec. 7-14-58 W.					
5- 1	R. F. Bishop	0.0	7-17	R. F. Bishop	0.6
5- 8	do	.0	7-25	do	.0
5-16	do	3.8	8- 3	do	.0
5-22	do	1.9	8- 8	do	0
5-31	do	2.2	8-17	do	.0
6- 5	do	1.6	8-22	do	.0
6-12	do	1.5	8-29	do	.0
6-19	do	1.6	9- 5	do	.0
6-26	do	1.0	9-25	do	0
7-11	do	.8			
INMAN CANAL—D-79, A-436					
Diverted from Frenchman River—Sec. 17-6-40 W.					
Measurements made at Rating Flume					
10-25	L. F. Zabel	0.0	8- 2	L. F. Zabel	0.0
4-25	do	.0	8-15	do	.0
6-13	do	5.0			
JAMES CANAL—A-3417					
Diverted from Soldier Creek—Sec. 5-31-53 W.					
10- 4	M. K. Wilgus	0.0	9- 1	M. K. Wilgus	0.6
7-18	do	0	9-18	do	2.9
JANSSEN CANAL—A-2231					
Diverted from Pawnee Creek—Sec. 29-13-27 W.					
11-29	D. B. Ender	0.0	8- 2	D. B. Ender	0.0
6-14	do	.0	8-16	do	2.2
6-28	do	.0	8-30	do	.0
7-17	do	.0	9-20	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
JENKINS CANAL—A-924					
Diverted from Buffalo Creek—Sec. 18-1-40 W.					
5- 2	L. F. Zabel	0.0	6-27	L. F. Zabel	1.6
5-16	do	0			
JOHNSON CANAL—D-511					
Diverted from Niobrara River—Sec. 36-31-57 W.					
11- 4	M. K. Wilgus	1.4	6-27	M. K. Wilgus	0.0
11-29	do	5.8	7-21	Wilgus-Rasmussen	.0
3-24	do	1.5	8-11	M. K. Wilgus	.0
4-14	do	.0	9-25	do	.0
JOHNSON CANAL—A-612					
Diverted from Lodgepole Creek—Sec. 23-13-45 W.					
5-11	R. F. Bishop	0.0	6-28	R. F. Bishop	0.0
5-18	do	.0	7-13	do	.0
5-25	do	0	7-19	do	.0
6- 8	do	2.6	7-27	do	.1
6-15	do	.2	8-25	do	.0
6-21	do	.9	9-14	do	2.5
JONES CANAL—A-391					
Diverted from White River—Sec. 18-34-48 W.					
7-11	Wilgus-Rasmussen	0.0			
JONES CANAL—A-3392					
Diverted from Lodgepole Creek—Sec. 36-14-49 W.					
5- 4	R. F. Bishop	0.0	6-22	R. F. Bishop	0.0
5-15	do	0	6-27	do	.0
6- 7	do	0	8-11	do	.0
JORDAN (RICHARD) CANAL—A-2032					
Diverted from Monroe Creek—Sec. 22-33-56 W.					
10-19	Wilgus-Rasmussen	0.0	7- 6	M. K. Wilgus	0.0
10-31	do	.0	7-14	Wilgus-Rasmussen	.0
3- 2	M. K. Wilgus	1.7	7-31	M. K. Wilgus	.0
5-11	do	1.3	8-15	do	.0
6- 2	do	5.3	8-31	do	.0
6-12	Wilgus-Rasmussen	.2	9-28	do	.0
6-21	M. K. Wilgus	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
JORDAN (CORNELIUS) CANAL—A-841					
Diverted from Monroe Creek and Jordan Reservoir—Sec. 13-33-56 W.					
10- 3	Wilgus-Rasmussen	0.0	7- 6	M. K. Wilgus	0.0
10-19	do	.0	7-14	Wilgus-Rasmussen	.0
3-24	M. K. Wilgus	.0	7-31	M. K. Wilgus	.0
4- 7	do	.0	8-15	do	.0
5-11	do	0	8-31	do	.0
6- 2	do	.0	9-21	do	.0
6-12	Wilgus-Rasmussen	.0	9-28	do	.0
6-21	M. K. Wilgus	.0			
KELLY CANAL—D-915					
Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.					
6-16	R. F. Bishop	0.0	8- 7	R. F. Bishop	0.0
6-23	do	.0	8-24	do	.0
6-30	do	.0			
KELSO CANAL—A-2151, A-2279, A-2328					
Diverted from Big Bordeaux Creek—Sec. 14-33-48 W.					
Measurements made at Pump Site					
10- 5	M. K. Wilgus	0.0	6-20	M. K. Wilgus	0.0
11-15	do	.0	6-29	do	.0
3-22	do	.0	7-27	do	.0
4- 4	do	.0	8-22	do	.0
5- 3	do	.0	9-19	do	.0
KENNEDY PUMP—A-3030					
Diverted from White River—Sec. 26-34-49 W.					
Measurement made at Pump Site					
8-17	Wilgus-Rasmussen	0.0			
KENT-BURKE CANAL, WEST—A-1694					
Diverted from Pawnee Creek—Sec. 18-13-27 W.					
Measurements made at Rating Flume					
10- 3	D. B. Ender	1.3	7-17	D. B. Ender	2.0
10-31	do	.5	8- 2	do	.0
11-28	do	.0	8-16	do	.0
6-14	do	1.3	8-28	do	.0
6-28	do	1.7	9-20	do	.0
KILPATRICK CANAL, SOUTH—A-1159					
Diverted from Elmore Reservoir—Sec. 6-24-51 W.					
10-13	R. F. Bishop	2.3	5- 3	R. F. Bishop	6.0
11- 4	do	.0	6- 2	do	.0
11-28	do	.0	6-22	P. D. Harrington	.0
1-20	do	1.3	7-21	R. F. Bishop	3.3
3- 9	do	1.8	8-26	do	3.7
4- 3	do	5.6	9-22	do	2.8

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
KITE CANAL—A-1375, A-1469, A-1470					
Diverted from Monroe Creek and Jordan Reservoir—Sec. 13-33-56 W.					
10- 3	Wilgus-Rasmussen	0.1	6-21	M. K. Wilgus	0.0
10-19	do	.1	7- 6	do	.0
10-31	do	1.1	7-14	Wilgus-Rasmussen	.0
3-24	M. K. Wilgus	.0	7-31	M. K. Wilgus	.0
4- 7	do	.0	8-15	do	.0
5-11	do	.0	8-31	do	.0
6- 2	do	.0	9-13	M. K. Wilgus	2.1
6-12	Wilgus-Rasmussen	.0	9-28	do	.0

KRUEGER CANAL NO. 1—D-325

Diverted from Lodgepole Creek—Sec. 29-14-48 W.

11-23	R. F. Bishop	4.6	5-24	R. F. Bishop	0.4
11-29	do	5.4	6- 7	do	.0
12-13	do	1.0	6-14	do	.1
2-23	do	2.8	6-22	do	.0
2-28	do	4.5	6-27	do	.1
3- 6	do	4.0	7- 3	do	.1
3-13	do	1.9	7-12	do	.1
3-20	do	4.3	7-18	do	.1
3-29	do	.1	7-26	do	1.2
4- 4	do	.3	8- 4	do	.2
4-10	do	.1	8-11	do	2.1
4-17	do	.1	8-18	do	1.8
4-26	do	.1	8-25	do	2.2
5- 4	do	.1	9- 1	do	3.0
5-10	do	.1	9- 6	do	2.5
5-15	do	1.0	9-28	do	.1

KRUEGER CANAL NO. 2—D-324

Diverted from Lodgepole Creek—Sec. 32-14-48 W.

4-17	R. F. Bishop	4.6	6-29	R. F. Bishop	1.7
4-26	do	7.7	7- 3	do	2.1
5- 4	do	5.9	7-12	do	.1
5-10	do	1.6	7-18	do	.1
5-15	do	.0	7-26	do	3.1
5-24	do	1.8	8- 4	do	4.0
6- 7	do	3.6	8-11	do	1.9
6-14	do	2.9	8-25	do	.6
6-22	do	2.7	9- 6	do	.0
6-27	do	1.1			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
KRUEGER CANAL NO. 3—D-323					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
4-17	R. F. Bishop	0.0	6-29	R. F. Bishop	0.0
4-26	do	.0	7- 3	do	.0
5- 4	do	.0	7-12	do	1.0
5-10	do	3.9	7-18	do	.5
5-15	do	4.1	7-26	do	.9
5-24	do	5.3	8- 4	do	.0
6- 7	do	2.6	8-11	do	.0
6-14	do	.0	8-25	do	.0
6-22	do	.0	9- 6	do	.0
6-27	do	.0			
KUCHERA PUMP—A-2654					
Diverted from Niobrara River—Sec. 32-30-44 W.					
Measurement made at Pump Site					
10-28	Wilgus-Rasmussen	0.0			
LA BELLE CANAL—D-518, A-60					
Diverted from Niobrara River—Sec. 6-28-54 W.					
10-27	M. K. Wilgus	10.6	6-27	M. K. Wilgus	9.9
3-17	do	.0	7-20	do	.0
4-12	do	.0	8- 3	do	.0
5- 2	do	.0	8-29	do	6.0
5-24	Wilgus-Rasmussen	3.2	9-12	do	5.1
6- 9	M. K. Wilgus	2.1			
LAING CANAL—D-825					
Diverted from Lawrence Fork—Sec. 28-18-52 W.					
4-21	C. D. Christensen	0.6	8-28	R. F. Bishop	0.3
5-17	do	.8	9- 2	do	.3
7- 8	P. D. Harrington	.0	9-11	do	.3
7-15	do	.4	9-23	do	.5
7-18	do	.2	9-29	do	.6
7-20	R. F. Bishop	.2			
LOKOTAH CANAL—D-554					
Diverted from Niobrara River—Sec. 1-30-57 W.					
11- 4	M. K. Wilgus	5.4	6-27	M. K. Wilgus	2.6
11-29	do	2.9	7-21	Wilgus-Rasmussen	4.9
3-24	do	.0	8-11	M. K. Wilgus	3.5
4-14	do	.0	9-25	do	.0
5-12	do	8.8			
LAUGHRAN-BELL CANAL—D-217					
Diverted from Victoria Creek—Sec. 3-19-21 W.					
6-28	W. J. Page	0.0	9-26	W. J. Page	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
LIBBY CANAL—D-315					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
5-10	R. F. Bishop	3.4	6-28	R. F. Bishop	0.1
5-15	do	3.1	7-13	do	.0
5-24	do	2.2	7-19	do	.0
6- 7	do	.1	7-27	do	.0
6-14	do	.2	9- 8	do	.1
6-22	do	.2			
LIBBY CANAL—D-314					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
5-10	R. F. Bishop	0.1	6-28	R. F. Bishop	0.0
5-15	do	.1	7-13	do	.0
5-24	do	.1	7-19	do	.0
6- 7	do	.1	7-27	do	.0
6-14	do	.0	9- 8	do	.0
6-22	do	.1			
LICHTE CANAL—D-479, A-1086, A-1088, A-1152, A-2523, A-2837					
Diverted from Niobrara River—Sec. 27-29-48 W.					
10-17	M. K. Wilgus	5.0	6-28	M. K. Wilgus	1.1
11- 3	do	4.9	7- 7	do	5.7
3- 8	do	.0	7-19	do	.0
4- 5	do	.0	7-25	Wilgus-Rasmussen	.0
4-19	do	.0	8- 2	M. K. Wilgus	.0
5- 3	do	.0	8-10	do	.0
5-17	do	.0	8-16	do	.0
5-31	do	9.0	9- 8	do	.0
6- 7	do	10.5	9-26	do	.0
6-16	do	7.5			
LOGAN CANAL—D-902					
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.					
5-17	C. D. Christensen	0.8	8- 7	R. F. Bishop	1.6
6- 3	R. F. Bishop	.0	8-15	do	.0
6- 9	do	.0	8-24	do	.8
6-16	do	.0	8-31	do	.8
6-23	do	0	9- 7	do	.4
6-30	do	.8	9-27	do	.0
7-31	do	1.0			
LYNGHOLM CANAL—D-337					
Diverted from Lodgepole Creek—Sec. 14-14-51 W.					
5-23	R. F. Bishop	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
McCARTHY CANAL—D-749					
Diverted from White Tail Creek—Sec. 36-15-38 W.					
10-14	J. H. Hintz	0.0	7-14	J. H. Hintz	0.3
10-28	do	.0	7-21	do	.0
4- 7	do	.0	7-28	do	.0
4-21	do	.0	8- 4	do	.9
5- 9	do	.2	8-11	do	.1
5- 9	do	1.3	8-18	do	.2
5-17	do	.1	8-25	do	.3
6- 2	do	1.3	9- 1	do	.3
6- 9	do	1.6	9- 8	do	.1
6-22	do	1.4	9-15	do	.3
6-30	do	1.5	9-22	do	.0
7- 7	do	.4	9-29	do	.2

McFARLAND CANAL—D-960					
Diverted from White Clay Creek—Sec. 35-32-52 W.					
Measurements made at 2-foot weir					
10- 9	M. K. Wilgus	0.0	5-27	M. K. Wilgus	0.0
11- 5	do	.0	6-10	do	.0
3- 9	do	.0	6-26	do	.2
4- 6	do	.0	7-15	Wilgus-Rasmussen	.0
4-28	do	.0	8-19	M. K. Wilgus	.0

McGINLEY-STOVER CANAL, UPPER—D-521					
Diverted from Niobrara River—Sec. 23-29-56 W.					
7-26	M. K. Wilgus	0.0			

McGINLEY-STOVER CANAL, NORTH—D-513a					
Diverted from Niobrara River—Sec. 25-29-56 W.					
3-17	M. K. Wilgus	0.0	6- 9	M. K. Wilgus	7.1
4-12	do	.0	7-26	do	.0

McGINLEY-STOVER CANAL, SOUTH—D-513b					
Diverted from Niobrara River—Sec. 25-29-56 W.					
3-17	M. K. Wilgus	0.0	6- 9	M. K. Wilgus	0.0
4-12	do	.0	7-26	do	.0

McGRAW PUMP—A-2398					
Diverted from Victoria Creek—Sec. 6-19-20 W.					
Measurements made at Pump Site					
6-28	W. J. Page	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
McHATTON PUMP—A-3560					
Diverted from Lodgepole Creek—Sec. 7-13-45 W.					
Measurements made at Pump Site					
5-25	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
6- 8	do	.0	7-13	do	.0
6-15	do	.0	7-19	do	.0
McINTOSH CANAL—D-351, A-734					
Diverted from Lodgepole Creek—Sec. 23-15-55 W.					
5- 2	R. F. Bishop	0.0	6-20	R. F. Bishop	0.0
5- 9	do	0	7-10	do	.0
5-17	do	.0	8- 4	do	.0
5-23	do	.0	8-23	do	.0
6- 1	do	.0	9-26	do	3.6
McLAIN CANAL—D-65					
Diverted from Stinking Water Creek—Sec. 28-7-37 W.					
7- 6	L. F. Zabel	0.0	8-22	L. F. Zabel	0.0
McLAUGHLIN CANAL—D-566					
Diverted from Niobrara River—Sec. 9-28-52 W.					
10-27	M. K. Wilgus	1.4	6- 9	M. K. Wilgus	4.0
3-17	do	.0	7-20	do	.8
4-12	do	.0	8- 3	do	5.8
5- 2	do	.0	8-29	do	.0
5-24	Wilgus-Rasmussen	4.2	9-12	do	2.5
McLAUGHLIN CANAL—D-966					
Diverted from Lodgepole Creek—Sec. 25-14-48 W.					
5-15	R. F. Bishop	0.0	7-14	R. F. Bishop	0.0
6-22	do	.0	7-27	do	.0
McMILLAN CANAL—A2477R, A-2797					
Diverted from Middle Loup River—Sec. 23-21-22 W.					
5-30	W. J. Page	15.7	6-28	W. J. Page	0.0
6-13	Page-Prual	3.7	9-26	do	.0
MACE CANAL—D-428					
Diverted from West Ash Creek—Sec. 2-31-51 W.					
6-26	M. K. Wilgus	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
MALTESE CROSS CANAL—A-454					
Diverted from Lodgepole Creek—Sec. 36-15-57 W.					
5- 1	R. F. Bishop	0.0	7-25	R. F. Bishop	0.0
5- 8	do	.0	8- 3	do	.0
5-22	do	.0	8- 8	do	.0
6- 5	do	.0	8-16	do	.0
6-12	do	.0	8-22	do	.0
6-26	do	.0	8-29	do	.0
7- 7	do	.0	9- 5	do	.0
7-11	do	.0	9-12	do	.0
7-17	do	.0	9-25	do	.0
MARANVILLE CANAL—D-70, D-71					
Diverted from Frenchman River—Sec. 12-6-41 W.					
10-25	L. F. Zabel	0.0	8- 2	L. F. Zabel	0.5
4-25	do	.0	8-15	Zabel-Aldrich	1.0
MARTENS PUMP—A-2801					
Diverted from Big Bordeaux Creek—Sec. 16-34-48 W.					
Measurements made at Pump Site					
6-20	M. K. Wilgus	0.0	8- 7	M. K. Wilgus	0.0
7-11	Wilgus-Rasmussen	.0	9-19	do	.0
MEEKER CANAL—D-4, D-7, D-8, D-9					
Diverted from Republican River—Sec. 15-3-31 W.					
10-18	L. F. Zabel	0.0	7-11	L. F. Zabel	17.3
4-21	do	16.9	7-26	do	23.6
5- 1	do	22.4	8-14	Zabel-Aldrich	22.7
5-15	do	18.6	8-29	L. F. Zabel	22.7
6- 5	do	19.8	9- 6	R. E. Aldrich	39.1
6-13	do	23.8	9-19	L. F. Zabel	29.4
6-26	do	26.7			
MEGLEMRE CANAL—A-294, A-853					
Diverted from Greenwood Creek—Sec. 3-18-50 W.					
5-11	C. D. Christensen	0.0			
MENDELL CANAL—A-2934, A-2283					
Diverted from Republican River—Sec. 35-1-7 W.					
5-11	L. F. Zabel	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
METTLEN CANAL—A-292, A-1248					
Diverted from Niobrara River—Sec. 4-28-54 W.					
10-27	M. K. Wilgus	0.0	6-27	M. K. Wilgus	0.0
3-17	do	.0	7-20	do	.0
4-12	do	.0	8-3	do	.0
5-2	do	.0	8-29	do	.0
5-24	Wilgus-Rasmussen	4.7	9-12	do	.0
6-9	M. K. Wilgus	.0			
MEYERS PUMP—A-3240					
Diverted from Republican River—Sec. 34-1-7 W.					
10-6	L. F. Zabel	0.0	6-23	L. F. Zabel	0.0
5-11	do	.0	9-17	do	.0
MITCHELL CANAL—D-304, A-3526					
Diverted from Lodgepole Creek—Sec. 8-14-51 W.					
5-2	R. F. Bishop	0.0			
BIG MONROE CANAL—D-506					
Diverted from Monroe Creek—Sec. 33-33-56 W.					
10-3	Wilgus-Rasmussen	0.0	6-12	Wilgus-Rasmussen	1.1
10-19	do	.0	6-21	M. K. Wilgus	1.3
10-31	do	.0	7-6	do	1.1
3-24	M. K. Wilgus	1.5	7-14	do	.8
4-7	do	1.8	7-31	do	.6
4-27	Wilgus-Rasmussen	1.6	8-15	do	.6
5-11	M. K. Wilgus	2.1	8-31	do	.6
6-1	M. K. Wilgus	1.7			
BIG MONROE CANAL—A-2372					
Diverted from Monroe Creek—Sec. 33-33-56 W.					
10-3	Wilgus-Rasmussen	0.0	2-24	M. K. Wilgus	0.0
10-19	do	.0	4-7	do	.0
10-31	do	.0	4-27	Wilgus-Rasmussen	.0
MONTAGUE CANAL—A-575					
Diverted from Niobrara River—Sec. 27-29-48 W.					
10-17	M. K. Wilgus	0.0	6-28	M. K. Wilgus	0.3
11-3	do	.3	7-7	do	.2
3-8	do	.0	7-19	do	.0
4-5	do	.0	7-25	Wilgus-Rasmussen	.0
4-19	do	.0	8-2	M. K. Wilgus	.0
5-3	do	.0	8-10	do	.0
5-17	do	.0	8-16	do	2.9
5-31	do	.0	9-8	do	.0
6-7	do	4.8	9-26	do	.0
6-16	do	.7			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
MONTGOMERY CANAL—D-559					
Diverted from Sow Belly Creek—Sec. 21-33-55 W.					
9-14	Wilgus-Rasmussen	0.0			
MOORE CANAL—A-88					
Diverted from Niobrara River—Sec. 9-28-53 W.					
10-27	M. K. Wilgus	0.0	6-9	M. K. Wilgus	2.2
3-17	do	.0	7-20	do	.0
4-12	do	.0	8-3	do	.0
5-2	do	.0	8-29	do	.0
5-24	Wilgus-Rasmussen	4.8	9-12	do	.0
MOZETER CANAL—D-1014					
Diverted from Spring Creek—Sec. 13-32-52 W.					
10-18	M. K. Wilgus	0.4	5-19	M. K. Wilgus	0.0
12-6	do	.4	6-24	do	.0
3-15	do	.0	7-18	do	.0
3-29	do	.0	9-1	do	.0
MUTUAL CANAL—D-843					
Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.					
5-26	R. F. Bishop	0.3	7-28	R. F. Bishop	2.0
6-9	do	5.8	7-31	do	2.3
6-16	do	8.0	8-5	do	1.6
6-23	do	3.6	8-7	do	1.5
6-30	do	.4	8-12	do	.9
7-5	do	3.3	8-15	do	.2
7-8	do	.5	8-24	do	.1
7-11	P. D. Harrington	.0	8-31	do	.1
7-11	do	1.7	9-7	do	.0
7-14	R. F. Bishop	1.7	9-21	do	.1
7-22	do	3.3	9-27	do	3.1
7-24	do	3.0			
NASLAND CANAL—A-661					
Diverted from Lodgepole Creek—Sec. 1-12-45 W.					
5-11	R. F. Bishop	0.0	6-28	R. F. Bishop	0.0
5-18	do	.0	7-13	do	.8
5-25	do	4.5	7-19	do	.0
6-8	do	3.5	7-27	do	.0
6-15	do	2.8	8-25	do	.0
6-21	do	2.5	9-14	do	.0
NEILL PUMP—A-3038					
Diverted from White River—Sec. 30-33-49 W.					
Measurement made at Pump Site					
7-11	Wilgus-Rasmussen	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
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NELSON CANAL—D-845

Diverted from Greenwood Creek—Sec. 33-18-50 W.

5-11 C. D. Christensen 0.0

NEUMAN CANAL—A-611, A-1445

Diverted from Lodgepole Creek—Sec. 26-13-45 W.

5-11	R. F. Bishop	0.0	6-28	R. F. Bishop	0.0
5-18	do	.0	7-13	do	.7
5-25	do	.0	7-19	do	1.0
6- 8	do	.0	7-27	do	1.4
6-15	do	.0	8-25	do	.0
6-21	do	.0	9-14	do	.0

NEWTON CANAL—A-2263, A-2863, A-2927

Diverted from North Loup River—Sec. 32-23-20 W.

Measurements made at North Line

6- 5 W. J. Page 0.0 9- 6 W. J. Page 0.0

NIEHUS CANAL—A-550

Diverted from Lawrence Fork—Sec. 11-18-52 W.

4-21	C. D. Christensen	1.2	7-27	C. D. Christensen	0.7
5-17	do	.0	8-19	R. F. Bishop	1.3
6-12	P. D. Harrington	1.1	8-19	do	.6
6-13	do	1.0	8-21	do	1.2
7- 6	do	1.5	8-21	do	1.0
7- 8	do	1.0	8-26	P. D. Harrington	.5
7-15	do	1.0	8-28	R. F. Bishop	.7
7-17	do	.7	9- 2	do	5
7-18	do	.7	9-11	do	.8
7-20	R. F. Bishop	1.2	9-23	do	.0
7-20	do	.7	9-29	do	.0

NORRIS CANAL—A-2253

Diverted from Bull Drain—Sec. 29-13-28 W.

8- 2 D. B. Ender 0.0

NORMAN CANAL—A-1952

Diverted from Indian Creek—Sec. 16-32-50 W.

5-13 M. K. Wilgus 0.0 6- 6 M. K. Wilgus 0.1

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
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NORMAN SUPPLY CANAL—A-1953

Diverted from Indian Creek—Sec. 28-32-50 W.

11- 8	M. K. Wilgus	1.4	5-22	M. K. Wilgus	0.0
12-14	do	2.9	6- 6	do	.0
1- 5	do	.4	6-26	do	.0
2- 3	do	1.3	7-17	do	0
2-28	do	1.1	7-24	do	.0
3-14	do	2.3	8-14	do	0
4- 6	do	2.8	9- 5	do	.0
5- 4	do	.0	9-22	do	.0

NUNN CANAL—D-884R

Diverted from Pumpkinseed Creek—Sec. 29-19-51 W.

8-15	R. F. Bishop	0.0
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OASIS CANAL—D-567

Diverted from Snake Creek—Sec. 6-24-51 W.

10-13	R. F. Bishop	0.1	5- 3	R. F. Bishop	0.0
11- 4	do	.1	6- 2	do	2.8
11-28	do	.1	6-22	P. D. Harrington	1.5
1-20	do	1.0	7-21	R. F. Bishop	.9
3- 9	do	1.7	8-26	do	.9
4- 3	do	.1	9-22	do	.6

OBERFELDER CANAL—D-306

Diverted from Lodgepole Creek—Sec. 31-14-46 W.

5-18	R. F. Bishop	0.0	6-28	R. F. Bishop	0.0
6- 8	do	.0	7-13	do	.0
6-21	do	.0	7-19	do	.0

OBERFELDER CANAL—D-307

Diverted from Springs—Sec. 31-14-46 W.

5-18	R. F. Bishop	0.0	6-28	R. F. Bishop	0.0
6- 8	do	.0	7-13	do	.0
6-21	do	.0	7-19	do	.0

OBERFELDER CANAL—D-333

Diverted from Lodgepole Creek—Sec. 31-14-46 W.

5-10	R. F. Bishop	2.7	6-28	R. F. Bishop	0.0
5-11	do	.0	7-13	do	.0
5-18	do	.9	7-19	do	.0
6- 8	do	.2	9- 8	do	0
6-21	do	.3			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
O'DONNELL CANAL—A-432, A-2036					
Diverted from Big Bordeaux Creek—Sec. 9-34-48 W.					
10- 5	M. K. Wilgus	0.0	8- 7	M. K. Wilgus	0.0
6-20	do	.0	8-17	do	.0
7-11	Wilgus-Rasmussen	.0	9-19	do	.0
OLIVER PLANT—A-1284					
Diverted from Frenchman River—Sec. 7-5-35 W.					
5-31	L. F. Zabel	0.0	8-22	L. F. Zabel	0.0
OWASCO CANAL—D-347, A-725					
Diverted from Lodgepole Creek—Sec. 29-15-55 W.					
10- 5	R. F. Bishop	0.3	7- 7	R. F. Bishop	6.0
4-24	do	2.1	7-10	do	4.0
5- 2	do	1.9	7-18	do	3.5
5- 9	do	4.7	7-25	do	5.3
5-17	do	6.4	8- 3	do	4.1
5-23	do	4.2	8- 9	do	4.6
6- 1	do	5.8	8-17	do	4.8
6- 6	do	6.1	8-23	do	4.5
6-13	do	1.6	8-30	do	2.8
6-20	do	5.5	9- 6	do	2.5
6-27	do	6.9			
PARKS CANAL—A-1202, A-1444, A-1555					
Diverted from Republican River—Sec. 20-1-39 W.					
5- 2	L. F. Zabel	0.0	8- 8	L. F. Zabel	3.9
PEETZ PUMP—A-2909					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
Measurement made at Pump Site					
6-27	R. F. Bishop	0.0			
PERSINGER CANAL—D-297					
Diverted from Lodgepole Creek—Sec. 33-14-46 W.					
5-11	R. F. Bishop	0.1	6-28	R. F. Bishop	0.1
5-18	do	0	7-13	do	.1
5-25	do	.3	7-19	do	.1
6- 8	do	.4	7-27	do	.1
6-15	do	1.5	9- 1	do	.3
6-21	do	2.5	9- 8	do	.2

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
PETERS CANAL—D-913					
Diverted from Pumpkinseed Creek—Sec. 2-19-56 W.					
5-17	C. D. Christensen	0.0	8-7	R. F. Bishop	0.3
6-3	R. F. Bishop	.0	8-15	do	.3
6-9	do	1.2	8-24	do	.4
6-16	do	1.4	8-31	do	.5
6-23	do	.1	9-1	do	.8
6-30	do	1.0	9-27	do	.3
7-31	do	.7			
PHELAN CANAL—D-138					
Diverted from Rock Creek—Sec. 17-1-39 W.					
5-16	L. F. Zabel	0.0	7-20	L. F. Zabel	0.2
PIONEER CANAL, NORTH—D-442a					
Diverted from Niobrara River—Sec. 36-29-51 W.					
10-25	M. K. Wilgus	0.0	7-7	M. K. Wilgus	6.7
11-7	do	17.6	7-12	do	6.1
3-8	do	.0	7-19	do	7.4
4-5	do	.0	7-25	Wilgus-Rasmussen	10.6
4-19	do	.0	8-2	M. K. Wilgus	9.3
5-3	do	.0	8-16	do	8.7
5-17	do	.0	9-8	do	7.1
5-31	do	15.2	9-15	do	11.9
6-8	do	14.0	9-19	do	.0
6-16	do	10.1	9-26	do	.0
6-28	do	.0			
PIONEER CANAL, SOUTH—D-442b					
Diverted from Niobrara River—Sec. 36-29-51 W.					
10-25	M. K. Wilgus	0.0	5-31	M. K. Wilgus	0.0
11-9	do	.0	6-8	do	.0
3-8	do	.0	6-16	do	.0
4-5	do	.0	6-28	do	.0
4-19	do	.0	7-7	do	.5
5-3	do	.0	7-25	Wilgus-Rasmussen	10.6
5-17	do	.0			
PIONEER CANAL NO. 2—A-3812					
Diverted from Niobrara River—Sec. 36-29-51 W.					
3-8	M. K. Wilgus	0.0	7-19	M. K. Wilgus	0.6
4-5	do	.0	7-25	Wilgus-Rasmussen	.0
4-19	do	.0	8-2	M. K. Wilgus	.0
5-3	do	.0	8-16	do	.0
5-17	do	.0	9-8	do	.0
5-22	do	.0	9-15	do	.0
5-31	do	.0	9-19	do	.0
6-8	do	.0	9-26	do	.0
7-7	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
PLUNKETT CANAL—A-2070					
Storage from Plunkett Reservoir—A-2031					
Prairie Dog Creek—Sec. 25-33-56 W.					
10-31	Wilgus-Rasmussen	0.0	8-31	M. K. Wilgus	0.0
POTMESIL CANAL—A-2566					
Diverted from Niobrara River—Sec. 26-29-48 W.					
10-17	M. K. Wilgus	10.2	6-16	M. K. Wilgus	6.8
11- 3	do	.9	7- 7	do	1.7
3- 8	do	.0	7-19	do	5.7
4- 5	do	.0	7-25	Wilgus-Rasmussen	1.9
4-19	do	0	8-10	M. K. Wilgus	3.2
5- 3	do	.0	8-16	do	0
5-17	do	.0	9- 8	do	2.4
5-31	do	5.6	9-26	do	1.0
6- 7	do	2.9			
PREMIER CANAL—D-340					
Diverted from Lodgepole Creek—Sec. 3-14-58 W.					
5- 1	R. F. Bishop	0.0	7-17	R. F. Bishop	1.3
5- 8	do	.0	7-25	do	.7
5-16	do	.0	8- 3	do	.0
5-22	do	.0	8- 8	do	.1
5-31	do	2.6	8-17	do	.2
6- 5	do	3.0	8-22	do	.1
6-12	do	2.2	8-29	do	.3
6-19	do	2.7	9- 5	do	.3
6-26	do	1.6	9-25	do	.0
7-11	do	2.0			
QUICK PUMP—A-3082					
Diverted from Red Willow Creek—Sec. 31-5-29 W.					
6- 9	L. F. Zabel	0.0			
QUINN CANAL—A-1561					
Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.					
5-26	R. F. Bishop	0.4	7-31	R. F. Bishop	0.1
6- 9	do	.5	8- 7	do	.1
6-19	do	.9	8-14	do	.0
6-23	do	.1	8-24	do	.0
6-30	do	1.0	8-31	do	.0
7- 5	do	1.3	9- 7	do	.0
7- 8	do	.1	9-21	do	.4
7-14	do	.1	9-27	do	.1
7-22	do	7			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Sec.-ft. Diverston	Date	Hydrographer	Sec.-ft. Diverston
RALTON PUMP—A-847					
Diverted from Lodgepole Creek—Sec. 12-12-45 W.					
Measurements made at Pump Site					
5-11	R. F. Bishop	0.0	6-28	R. F. Bishop	0.0
5-18	do	.0	7-13	do	.0
5-25	do	.0	7-19	do	.0
6- 8	do	.0	7-27	do	.0
6-15	do	1.4	8-25	do	.0
6-21	do	.0	9-14	do	.0
RANDALL CANAL—A-1100					
Diverted from Lawrence Fork—Sec. 21-18-52 W.					
4-21	C. D. Christensen	4.9	8-19	R. F. Bishop	0.0
5-17	do	5.1	8-21	do	.0
6-12	P. D. Harrington	2.7	8-26	P. D. Harrington	3.8
7- 6	do	.0	8-28	R. F. Bishop	.0
7- 8	do	.0	9- 2	do	.0
7-18	do	.0	9-11	do	.0
7-20	R. F. Bishop	.0	9-23	do	2.1
7-28	do	.0	9-29	do	2.3
RANKIN CANAL—A-2477					
Diverted from Middle Loup River—Sec. 4-21-23 W.					
6-28	W. J. Page	0.0			
RASHER CANAL—D-467, A-456, A-534					
Diverted from White River—Sec. 19-32-51 W.					
7- 8	M. K. Wilgus	0.0			
RITTENHOUSE PUMP—A-3305					
Diverted from Ash Creek—Sec. 10-16-42 W.					
Measurement made at Pump Site					
5-17	Jack Ratliff	0.0			
RIVERDALE, LITTLE PUMP—A-3609, A-3508					
Diverted from Red Willow Creek—Sec. 2-5-31 W.					
Measurement made at Pump Site					
6-29	L. F. Zabel	1.8			
RIVERSIDE CANAL—D-18, A-1674					
Diverted from Frenchman River—Sec. 33-4-32 W.					
4-21	L. F. Zabel	10.7	8- 9	L. F. Zabel	6.2
5-23	do	3.8	9-19	do	.0
7-21	do	12.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
RODGERS CANAL—A-3777, A-3863					
Diverted from Pumpkinseed Creek—Sec. 9-19-54 W.					
7- 6	R. F. Bishop	0.8	8-14	Bishop-Christensen	0.0
7- 8	do	.0	8-24	R. F. Bishop	.0
7-14	do	.0	8-31	do	.0
7-28	do	.0	9- 7	do	.0
8- 7	do	.1	9-27	do	2.1

ROUND HOUSE ROCK CANAL—D-884					
Diverted from Pumpkinseed Creek—Sec. 28-19-51 W.					
5-11	C. D. Christensen	0.5	6- 9	R. F. Bishop	0.0
5-26	R. F. Bishop	.0			

RUNGE CANAL NO. 1—D-339					
Diverted from Lodgepole Creek—Sec. 20-14-50 W.					
5- 4	R. F. Bishop	0.0	7-12	R. F. Bishop	0.0
5- 9	do	.0	7-14	do	.0
5-17	do	.0	7-24	do	0
5-23	do	1.9	8- 4	do	2.2
6- 1	do	2.0	8- 9	do	.1
6- 6	do	.3	8-23	do	.0
6-13	do	.1	8-30	do	.0
6-20	do	1.8	9- 6	do	.0
6-29	do	1.6	9-26	do	.1
7- 3	do	.0			

RUNGE PUMP—A-3363					
Diverted from Lodgepole Creek—Sec. 20-14-50 W.					
Measurements made at Pump Site					
5- 4	R. F. Bishop	0.0	7-12	R. F. Bishop	1.9
5- 9	do	.0	7-18	do	0
5-17	do	.0	7-24	do	.0
5-23	do	.0	8- 4	do	.0
6- 1	do	.0	8- 9	do	.0
6- 6	do	.0	8-23	do	.0
6-13	do	1.6	8-30	do	1.8
6-20	do	.0	9- 6	do	1.7
6-29	do	.0	9-26	do	.0
7- 3	do	.0			

RUNGE CANAL NO. 2—D-338					
Diverted from Lodgepole Creek—Sec. 20-14-50 W.					
5- 4	R. F. Bishop	0.0	8- 9	R. F. Bishop	0.0
6-29	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
RUSH CREEK CANAL—D-802					
Diverted from North Platte River—Sec. 2-17-46 W. Measurement made at Rating Flume					
8-24	Jack Ratliff	0.0			
RUSSELL CANAL—A-3477					
Diverted from Blackwood Creek—Sec. 6-4-31 W.					
6-9	L. F. Zabel	0.0			
RUTTNER CANAL—A-906					
Diverted from Lodgepole Creek—Sec. 30-14-47 W.					
5-10	R. F. Bishop	3.3	6-29	R. F. Bishop	0.1
5-15	do	2.9	7-12	do	.2
5-24	do	.2	7-14	do	.1
6-7	do	.0	7-19	do	.1
6-14	do	.2	7-26	do	.1
6-22	do	.0	9-8	do	.2
SCHILT CEDAR CREEK CANAL—D-507					
Diverted from Cedar Creek—Sec. 35-33-56 W.					
10-31	Wilgus-Rasmussen	0.0	6-12	Wilgus-Rasmussen	0.0
3-9	M. K. Wilgus	.1	8-31	M. K. Wilgus	.0
4-27	Wilgus-Rasmussen	.0			
SCHILT-MONROE CANAL—D-509					
Diverted from Monroe Creek—Sec. 27-33-56 W.					
10-3	Wilgus-Rasmussen	1.8	4-27	Wilgus-Rasmussen	0.0
10-19	do	.0	6-23	M. K. Wilgus	.0
10-31	do	.0	9-14	Wilgus-Rasmussen	.0
SCHILT-PRAIRIE DOG CANAL—D-508					
Diverted from Prairie Dog Creek—Sec. 35-33-56 W.					
10-31	Wilgus-Rasmussen	0.0	4-27	Wilgus-Rasmussen	0.1
SCHWABE CANAL—A-759					
Diverted from White River—Sec. 24-34-49 W.					
8-17	Wilgus-Rasmussen	0.0			
SCHWABE CANAL—A-815					
Diverted from White River—Sec. 24-34-49 W.					
8-17	Wilgus-Rasmussen	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
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SCHWABE CANAL—A-908

Diverted from White River—Sec. 31-34-48 W.

8-17 Wilgus-Rasmussen 0.0

SCHNELL CANAL—A-3588

Diverted from Pumpkinseed Creek—Sec. 1-19-56 W.

5-17	C. D. Christensen	0.0	8-7	R. F. Bishop	0.1
6-3	R. F. Bishop	.0	8-15	do	.2
6-9	do	.1	8-24	do	.3
6-16	do	.6	8-31	do	.3
6-23	do	.8	9-7	do	.2
6-30	do	.1	9-27	do	.0
7-31	do	.0			

SCOTT CANAL—A-711

Diverted from Pumpkinseed Creek and Scott Reservoir—Sec. 7-19-55 W.

6-3	R. F. Bishop	0.0	7-31	R. F. Bishop	1.0
6-9	do	.0	8-7	do	1.6
6-16	do	.0	8-15	do	.0
6-23	do	.0	8-24	do	.8
6-30	do	.8	8-31	do	.8

SCOTT CANAL, SOUTH—A-711

Diverted from Pumpkinseed Creek and Scott Reservoir—Sec. 7-19-55 W.

6-3	R. F. Bishop	0.0	8-7	R. F. Bishop	0.0
6-9	do	3.7	8-15	do	.0
6-16	do	1.9	8-24	do	.0
6-23	do	2.3	8-31	do	.0
6-30	do	1.4	9-7	do	.5
7-31	do	1.4	9-27	do	.0

SCRIPTER CANAL—A-2288

Diverted from Clear Creek—Sec. 32-16-41 W.

4-19	Jack Ratliff	4.0	7-7	Jack Ratliff	0.1
5-8	do	.0	7-20	do	.0
6-3	do	.0	8-7	do	.0
6-12	do	3.8	8-21	do	.0
6-19	do	.0	9-14	do	.0

SEVERNS PUMP—A-2847, A-1856

Diverted from Frenchman River—Sec. 9-4-33 W.

Measurement made at Pump Site

8-22 L. F. Zabel 5.4

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
SHEPHERD CANAL—A-1965					
Diverted from Squaw Creek—Sec. 36-34-57 W.					
5-12	M. K. Wilgus	0.5	7- 6	M. K. Wilgus	0.0
6-23	do	.0	8-30	do	.0
SIGNAL BLUFF CANAL—D-807					
Diverted from North Platte River—Sec. 16-16-43 W.					
Measurement made at Rating Flume					
8-24	Jack Ratliff	0.0			
SIMONS CANAL—A-2363					
Diverted from Little Cottonwood Creek—Sec. 9-32-51 W.					
11- 3	M. K. Wilgus	0.0	7-18	M. K. Wilgus	0.0
11-10	do	.0	8- 9	do	.0
3-29	do	.0	8-22	do	.0
5-19	do	.0	9- 5	do	.0
6-29	do	.0			
SLATTERY CANAL—D-543, A-1683					
Diverted from Jim Creek and Caladonia Reservoir—Sec. 13-33-57 W.					
9-14	Wilgus-Rasmussen	0.0			
SLATTERY CANAL, PUMP—A-749R					
Diverted from Dead Horse Creek—Sec. 30-33-39 W.					
Measurement made at Pump Site					
5-13	M. K. Wilgus	2.5			
SLATTERY CANAL—A-749, A-2021					
Diverted from Dead Horse Creek—Sec. 32-33-49 W.					
11-15	M. K. Wilgus	0.0	7-24	M. K. Wilgus	0.0
5-22	do	1.9	8- 7	do	.0
6-22	do	.0	8-14	do	.0
SMITH-WHEELER CANAL, SOUTH—D-842 A					
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.					
5-11	C. D. Christensen	1.4	7-31	R. F. Bishop	0.0
5-26	R. F. Bishop	.9	8- 7	do	.1
6- 9	do	.5	8-15	do	.1
6-16	do	.6	8-24	do	.0
6-23	do	.0	8-31	do	.0
6-30	do	.0	9- 7	do	.0
7- 5	do	.0	9-21	do	.0
7-14	do	.0	9-27	do	.0
7-22	do	.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
SMITH-WHEELER CANAL, NORTH—D-842 B					
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.					
5-26	R. F. Bishop	0.0	7-31	R. F. Bishop	0.0
6- 9	do	.0	8- 7	do	.0
6-16	do	.0	8-15	do	.0
6-23	do	.0	8-24	do	.0
6-30	do	.0	8-31	do	.0
7- 3	do	.0	9- 7	do	.0
7-14	do	.0	9-27	do	.0
7-22	do	.0			
SNOW CANAL—D-485					
Diverted from Niobrara River—Sec. 35-29-51 W.					
10-25	M. K. Wilgus	0.0	7- 7	M. K. Wilgus	0.0
11- 9	do	.0	7-12	do	.0
3- 8	do	.0	7-25	Wilgus-Rasmussen	.0
4- 5	do	.0	8- 2	M. K. Wilgus	.0
4-19	do	.0	8-16	do	.0
5- 3	do	.0	9- 8	do	.0
5-17	do	.0	9-15	do	2.0
5-31	do	.0	9-19	do	.0
6- 8	do	.0	9-26	do	.0
SOW BELLY CANAL, OLD—D-533					
Diverted from Sow Belly Creek—Sec. 7-32-55 W.					
11- 4	M. K. Wilgus	0.0	7-14	Wilgus-Rasmussen	0.5
5-11	do	2.5	8-11	M. K. Wilgus	.0
6-23	do	.0	8-30	do	.0
7- 6	do	1.8	9-28	do	.0
SOW BELLY SUPPLY CANAL, OLD—A-2306					
Diverted from Sow Belly Creek—Sec. 5-32-55 W.					
11- 4	M. K. Wilgus	0.0	7-14	Wilgus-Rasmussen	0.0
5-11	do	.0	8-11	M. K. Wilgus	.0
6-23	do	.0	8-30	do	.0
7- 6	do	.0	9-28	do	.0
SPRING BRANCH CANAL—D-862, D-893, A-669					
Diverted from Lawrence Fork—Sec. 11-18-52 W.					
4-21	C. D. Christensen	2.7	7-27	C. D. Christensen	1.7
5-17	do	4.4	8-19	R. F. Bishop	2.6
6-12	P. D. Harrington	1.8	8-19	do	1.3
6-13	do	3.1	8-21	do	1.1
7- 6	do	2.8	8-21	do	2.1
7- 8	do	1.6	8-26	P. D. Harrington	1.0
7-15	P. D. Harrington	1.6	8-28	R. F. Bishop	1.9
7-17	do	2.2	9- 2	do	1.8
7-18	do	2.2	9-11	do	.8
7-20	R. F. Bishop	2.3	9-23	do	1.1
7-20	do	1.9	9-29	do	1.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
SPRING CREEK CANAL—D-532					
Diverted from Spring Creek—Sec. 7-32-55 W.					
11- 4	M. K. Wilgus	0.0	7-14	Wilgus-Rasmussen	0.0
SPRING CREEK CANAL—A-3310					
Diverted from Spring Creek Reservoir—Sec. 7-32-55 W.					
7-14	Wilgus-Rasmussen	0.0			
SPRING CREEK CANAL NO. 1—A-788					
Diverted from Spring Creek—Sec. 13-32-52 W.					
8- 9	M. K. Wilgus	0.0			
SQUAW CREEK CANAL—D-466					
Diverted from Spring Creek—Sec. 13-32-52 W.					
11-10	M. K. Wilgus	0.0	3-29	M. K. Wilgus	0.0
STUART BROTHERS CANAL, NORTH—A-8					
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.					
10- 4	M. K. Wilgus	0.0	6- 3	M. K. Wilgus	0.8
10-18	do	.0	6-17	do	.4
11- 5	do	.0	7- 1	do	.0
3- 6	do	2.8	7-13	do	.0
3-31	do	.0	8- 1	do	.0
4-15	do	.0	8-18	do	.0
5- 1	do	.0	9- 1	do	.0
5- 9	do	.0	9-22	do	.0
5-19	do	.0			
STUART BROTHERS CANAL, SOUTH—A-8					
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.					
10- 4	M. K. Wilgus	0.0	6- 3	M. K. Wilgus	.0
10-18	do	.0	6-17	do	.0
11- 5	do	.0	7- 1	do	.0
3- 6	do	.0	7-13	do	.0
3-31	do	.0	8- 1	do	.0
4-15	do	.0	8-18	do	.0
5- 1	do	.0	9- 1	do	.0
5- 9	do	7.4	9-22	do	3
5-19	do	2.0			
STUART MAPLE CANAL—A-656					
Diverted from Little Cottonwood Creek—Sec. 3-32-52 W.					
7-18	M. K. Wilgus	0.0			

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
THORSTENSEN PUMP—A-2569					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements made at Pump Site					
5- 2	R. F. Bishop	0.0	7- 3	R. F. Bishop	0.0
5- 9	do	.0	7-12	do	.0
5-17	do	.0	7-18	do	.0
5-23	do	.0	8- 4	do	.0
6- 1	do	.0	8- 9	do	.0
6- 6	do	.0	9-26	do	.0
6-13	do	.0			
TOBIN CANAL—D-330					
Diverted from Lodgepole Creek—Sec. 28-14-47 W.					
5-10	R. F. Bishop	0.0	7-13	R. F. Bishop	0.0
5-24	do	1.1	7-14	do	1.5
6- 7	do	.0	7-19	do	.0
6-14	do	.0	9- 9	do	.0
6-22	do	.0			
TOWNE PUMP—A-3088, A-3197					
Diverted from Medicine Creek—Sec. 26-8-29 W.					
Measurement made at Pump Site					
9- 1	L. F. Zabel	0.0			
TRACY CANAL—A-870					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
4-11	R. F. Bishop	2.1	6-26	R. F. Bishop	0.0
4-18	do	.0	7-11	do	.1
4-24	do	1.3	7-17	do	.0
5- 1	do	1.0	7-25	do	.0
5- 8	do	.1	8- 3	do	.0
5-16	do	.1	8- 8	do	.0
5-22	do	.8	8-17	do	.0
5-31	do	1.3	8-22	do	.0
6- 5	do	1.4	8-29	do	.0
6-12	do	1.0	9- 5	do	.0
6-19	do	1.0	9-25	do	.0
TRAILS END CANAL—A-3453					
Diverted from Pumpkinseed Creek—Sec. 30-19-52 W.					
5-17	C. D. Christensen	6.1	7-22	R. F. Bishop	0.0
5-26	R. F. Bishop	5.6	7-28	do	2.9
6- 9	do	3.7	8- 7	Willis-Kimmel	.2
6-16	do	3.7	8-12	R. F. Bishop	.0
6-23	do	4.3	8-14	Bishop-Christensen	.0
6-30	do	3.5	8-24	R. F. Bishop	.0
7- 5	do	3.8	8-31	do	.0
7- 6	do	.9	9- 7	do	.0
7- 8	do	.0	9-21	do	.1
7-14	do	.0	9-27	do	1.4

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
TRAILS END CANAL—A-3453					
Diverted from Pumpkinseed Creek—Sec. 29-19-52 W. Measurement made one Mile below headgate					
5-26	R. F. Bishop	4.8			
TRINNIER CANAL—D-849, A-1551					
Diverted from Greenwood Creek—Sec. 28-18-50 W.					
5-11	C. D. Christensen	9.3			
TRI-STATE CANAL—D-918, ALLIANCE DRAIN					
To River—Sec. 18-22-53 W.					
10-11	D. J. Neely	16.3	7-24	D. J. Neely	16.9
5-23	do	4.3	7-31	do	21.5
6-5	do	7.8	8-7	do	18.2
6-13	do	16.0	8-14	do	19.7
6-19	do	17.5	8-21	do	21.1
6-26	do	16.3	8-28	do	9.0
7-3	do	22.2	9-11	do	13.2
7-10	do	21.4	9-20	do	6.9
7-17	do	21.1	9-27	do	5.1
TROGNITZ CANAL—D-365					
Diverted from Lodgepole Creek—Sec. 36-14-50 W.					
8-30	R. F. Bishop	1.1			
TUG WILSON CANAL—D-453					
Diverted from Chadron Creek—Sec. 12-32-49 W.					
11-3	M. K. Wilgus	0.0			
TURNER CANAL, SOUTH—D-537					
Diverted from Antelope Creek—Sec. 26-34-57 W.					
6-23	M. K. Wilgus	0.0	8-30	M. K. Wilgus	0.0
7-6	do	.0			
TURNER RESERVOIR CANAL NO. 2—A-1676					
Diverted from Antelope Creek—Sec. 26-34-37 W.					
6-23	M. K. Wilgus	0.0	8-30	M. K. Wilgus	0.0
7-6	do	.0			
VICTORIA CANAL NO. 1—D-210, D-212, A-1843					
Diverted from Victoria Creek—Sec. 1-19-21 W.					
6-28	W. J. Page	0.0	9-26	W. J. Page	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
VICTORIA CANAL NO. 2—D-213, A-1845					
Diverted from Victoria Creek—Sec. 1-19-21 W.					
9-26	W. J. Page	0.0			
WALKER PUMP—A-3037					
Diverted from Red Willow Creek—Sec. 9-6-31 W. Measurement made at Pump Site					
6-21	L. F. Zabel	0.0			
WARBONNET CANAL—D-548					
Diverted from Warbonnet Creek—Sec. 21-33-56 W.					
3-24	M. K. Wilgus	2.1	6-21	M. K. Wilgus	0.0
4- 7	do	.1	7- 6	do	.0
4-27	do	.3	7-31	do	.0
5-11	do	1.5	8-15	do	.0
6- 1	do	.0	8-31	do	.0
WARBONNET CANAL NO. 2—A-892					
Diverted from Warbonnet Creek—Sec. 20-33-56 W.					
10-31	Wilgus-Rasmussen	0.6	6-21	M. K. Wilgus	0.4
3-24	M. K. Wilgus	.1	7- 6	do	.8
4- 7	do	.0	7-14	Wilgus-Rasmussen	.7
4-27	Wilgus-Rasmussen	1.5	7-31	M. K. Wilgus	.4
5-11	M. K. Wilgus	.6	8-15	do	.0
6- 1	do	.7	8-31	do	.0
WARNEKE CANAL—D-505					
Diverted from Niobrara River—Sec. 27-31-57 W.					
7-21	Wilgus-Rasmussen	0.0			
WEARIN CANAL—A-1864					
Diverted from Lodgepole Creek—Sec. 8-14-58 W. Measurements made at Rating Flume					
5- 1	R. F. Bishop	0.0	5-31	R. F. Bishop	0.0
5- 8	do	.0	6- 5	do	.0
5-16	do	.0	6-12	do	.0
5-22	do	.0	7-25	do	.0
WERTZ CANAL—A-600					
Diverted from Lodgepole Creek—Sec. 12-13-46 W.					
5-11	R. F. Bishop	0.0	6-15	R. F. Bishop	0.0
5-18	do	.0	6-21	do	.0
5-25	do	.0	7-13	do	.0
6- 8	do	.0	7-19	do	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1950

Date	Hydrographer	Diversion Sec.-ft.	Date	Hydrographer	Diversion Sec.-ft.
WHITE RIVER CANAL—D-477					
Diverted from White River—Sec. 34-32-52 W.					
Measurements made at Rating Flume					
10-21	Wilgus-Rasmussen	0.0	7- 8	M. K. Wilgus	0.0
11-10	M. K. Wilgus	.0	7-15	Wilgus-Rasmussen	4.4
3-31	do	.0	7-17	M. K. Wilgus	3.9
4-28	do	.0	7-22	do	3.9
5- 4	do	.0	8-12	do	.0
5-19	do	0	8-18	do	.0
5-27	do	.0	8-19	do	.0
6-10	do	.0	9- 1	do	.0
6-24	do	.0	9- 9	do	.0
6-26	do	.6	9-16	do	.0
7- 3	do	.0	9-23	do	.0
WHITNEY PIPE LINE—A-1660					
Sec. 26-32-52 W.					
8- 9	M. K. Wilgus	0.5	8- 9	M. K. Wilgus	0.4
WICKERSHAM CANAL—A-2203					
Diverted from Boggy Creek and Wickersham Reservoir A-2182					
Sec. 30-33-54 W.					
11- 4	M. K. Wilgus	0.0	2-21	M. K. Wilgus	0.8
WICKERSHAM CANAL—A-701, A-2204					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
11- 4	M. K. Wilgus	0.0	8-15	M. K. Wilgus	0.0
5-12	do	.0	8-30	do	.0
7-26	do	.0	9-28	do	.0
WICKERSHAM SUPPLY CANAL—A-2182					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
11- 4	M. K. Wilgus	0.0	6-23	M. K. Wilgus	0.2
1-10	do	.7	7-26	do	.1
3- 2	do	.2	8-15	do	.0
3-23	do	.6	8-30	do	.0
4- 7	do	.8	9-28	do	.0
5-12	do	.0			
WEIGAND CANAL NO. 3—A-1322					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
5-18	R. F. Bishop	0.0	6-21	R. F. Bishop	0.0
6- 8	do	.0			
WILDS CANAL—A-904					
Diverted from Lodgepole Creek—Sec. 11-13-46 W.					
6- 8	R. F. Bishop	0.0	9- 8	R. F. Bishop	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENTS OF CANALS—Concluded
Year Ending September 30, 1950

Date	Hydrographer	Diverston Sec.-ft.	Date	Hydrographer	Diverston Sec.-ft.
WOLFE CANAL—D-813					
Diverted from Lodgepole Creek—Sec. 18-13-45 W.					
5-18	R. F. Bishop	0.0	6-28	R. F. Bishop	2.8
5-25	do	5.2	7-13	do	1.9
6- 8	do	.0	7-19	do	2.0
6-15	do	2.4	7-27	do	3.7
6-21	do	2.5			
WOODRUFF CANAL, NORTH—D-536					
Diverted from Jim Creek—Sec. 14-33-56 W.					
9-14	Wilgus-Rasmussen	0.0			
WORDEN PUMP—A-1862					
Diverted from Republican River—Sec. 32-1-6 W.					
Measurement made at Pump Site					
5-11	L. F. Zabel	0.0			
WRIGHT CANAL—A-3864					
Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.					
7- 6	R. F. Bishop	0.7	8-14	Bishop-Christensen	0.2
7- 8	do	.0	8-24	R. F. Bishop	.0
7-14	do	.2	8-31	do	.0
7-28	do	.0	9- 7	do	.0
8- 7	do	.2	9-27	do	2.8
ZERBST CANAL—D-551					
Diverted from Little Red Creek—Sec. 25-33-56 W.					
10-31	Wilgus-Rasmussen	0.1	6-21	M. K. Wilgus	0.1
ZERBST CANAL—A-3842					
Diverted from Little Red Creek—Sec. 25-33-56 W.					
10-31	Wilgus-Rasmussen	0.0			
ZIEGLER PUMP—A-2505					
Diverted from Thompson Creek—Sec. 27-2-13 W.					
Measurement made at Pump Site					
5- 4	L. F. Zabel	0.0			
ZIMMERMAN CANAL—A-532					
Diverted from Sow Belly Creek—Sec. 34-33-55 W.					
11- 4	M. K. Wilgus	0.5	8-11	M. K. Wilgus	0.8
4-14	do	.0	8-30	do	.9
5-11	do	.0	9- 7	Wilgus-Rasmussen	.1
6- 2	do	.0	9-14	do	.4
6-21	do	.0	9-28	M. K. Wilgus	1.9
7- 6	do	.0			

Note: Headgate measurement unless otherwise stated

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DAILY DISCHARGES
of
RESERVOIRS
and
PLATTE RIVERS

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BUREAU OF IRRIGATION

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CONTENTS IN ACRE-FEET, SEMINOE STORAGE RESERVOIR
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	725420	673320	637430	610280	573840	545210	522080	612790	858990	1022960	1003120	916100
2	722990	671450	636200	610150	572340	544250	521500	518900	868610	1024160	999970	913350
3	722080	669600	635110	608700	571090	543290	521730	623860	877770	1024960	997030	911170
4	719800	667610	634160	607510	569850	542570	521030	628180	885400	1024960	993900	909890
5	717230	665480	633340	606470	569470	541370	520330	635930	895250	1025560	990770	908260
6	714660	664490	631570	605550	569350	541010	519980	643890	904270	1027160	988050	906800
7	712250	663780	630080	604900	568350	539570	520910	651390	914270	1028160	986300	903900
8	710000	662080	628990	603980	567360	538010	521730	658830	925290	1028770	983190	901730
9	708500	660240	627910	603460	566120	536460	523720	664060	937720	1028770	980290	899750
10	707900	658130	626820	602030	565130	534910	526650	668600	950490	1028770	977390	897770
11	705810	656720	625580	600730	564270	533250	527940	672600	962820	1029170	974500	896680
12	703870	655030	625740	599690	563650	531830	528880	678350	976230	1029170	971810	894350
13	702240	654470	624400	598780	563650	531120	530180	685600	991750	1029770	969700	892010
14	700750	654470	623920	598010	562170	529350	532070	695580	1010430	1029970	968550	889870
15	699890	653070	621840	597380	560810	527710	534200	707000	1026360	1030780	965680	887720
16	697350	651950	620990	597390	559460	525940	537440	719190	1039450	1031180	962820	885580
17	696790	650970	619970	596070	558230	525840	537850	731220	1050620	1031730	959960	883620
18	694990	650000	619300	594530	557000	523480	539090	742500	1062100	1031980	956920	882380
19	692940	649020	619170	593240	555780	523130	541490	753140	1069530	1030780	954080	880430
20	690880	647910	618100	591960	555650	524180	544730	762450	1073050	1028770	951620	878300
21	688980	647770	617030	590550	554070	524180	548600	773630	1072430	1027160	950300	876000
22	687230	645960	616100	589270	552720	524420	552730	783640	1067460	1025560	947090	873710
23	685620	644850	615040	588500	551140	524540	557370	790640	1060500	1022960	943520	871420
24	685620	643610	614380	586330	549930	524420	563890	796040	1051440	1021160	939960	869490
25	684170	643470	614250	584550	548540	524420	569470	801310	1041860	1018770	936420	868260
26	682420	642510	614250	582780	547870	524300	576600	806280	1031180	1016180	933440	866580
27	680670	641680	613580	581010	546750	525010	583790	812100	1020360	1013200	930470	865350
28	678790	641540	612920	579120	546420	523830	590420	818800	1020160	1010620	928430	861080
29	676910	640310	612130	577350	.....	523130	597490	828080	1019960	1008640	925290	858470
30	675610	638660	611200	576600	.....	522550	604510	838290	1020360	1007060	922150	856030
31	675040	.....	610280	675470	.....	522430	.....	845580	.....	1005880	919210	.....

CONTENTS IN ACRE-FEET, PATHFINDER STORAGE RESERVOIR
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	166300	240220	301750	353580	414180	463760	546060	637540	727840	908310	708860	509320
2	169130	242840	303850	354300	416200	465760	548740	637540	727020	901830	703630	502950
3	170810	245430	306990	356110	418420	467780	550810	637830	725560	895990	698430	495380
4	173020	248240	306500	358110	420560	469660	553270	638850	726050	889790	693110	487450
5	175860	250750	308160	359570	422200	472010	556000	640880	725890	883440	687980	478550
6	178790	252310	310900	361210	423430	473920	558730	642470	727350	876940	681490	472120
7	181700	255480	313500	363030	424880	476400	561350	643930	730940	870110	673230	467260
8	184330	255600	315520	364300	426750	479570	564230	645250	736000	863710	664480	474930
9	186590	258300	317380	365030	428620	482420	567000	647750	741600	857910	658960	477530
10	187980	260890	319250	366950	430810	485270	568840	650100	747070	851600	652300	476870
11	190180	263580	321220	369160	432840	488260	571480	653780	753230	846990	648040	470220
12	192960	266440	322160	371180	433640	491050	574670	658370	759770	842040	642040	467090
13	195610	268340	323450	372760	434580	493500	578150	662090	765180	834610	634490	464650
14	198340	269560	325720	374520	436280	496310	581800	665980	769080	826330	625860	464760
15	201020	271090	327720	376210	438500	499030	585170	669440	774020	818500	618000	466980
16	203600	273090	329470	377050	440840	502000	588290	673680	780200	812010	611420	469440
17	205280	275400	331140	378560	442440	505230	590740	678110	786410	804560	607250	471560
18	207260	277640	332370	380820	444790	507990	593610	682260	793000	798070	600880	468990
19	209800	279560	333520	382900	446510	510650	596900	686430	799650	793180	593480	465420
20	212510	281650	335100	385090	447810	512960	600330	690920	810580	787100	585980	464420
21	215250	283210	337040	387390	449100	515780	603370	695920	826150	779340	577610	465090
22	217900	285400	338900	390080	450940	518970	606830	700160	843320	771630	570430	465870
23	220510	288100	340860	392210	453000	522190	610440	699530	860530	764670	563700	461440
24	221960	290420	342560	394640	454640	525420	613360	697810	876750	757420	557950	460670
25	223830	292100	343530	397480	456600	528420	616300	701100	890560	752730	552880	462100
26	226170	293620	344240	400220	458580	530670	620140	706320	903970	747900	546480	464310
27	228620	295470	345400	403090	459790	532790	624000	711250	916020	742590	536690	466980
28	231520	296360	346920	405780	461660	535670	627860	715730	916200	735910	530670	469550
29	234280	297750	348540	408580	.....	538440	632330	718620	916410	727680	524790	472350
30	236580	299720	350340	410380	.....	541230	636670	722030	913840	721200	520200	474930
31	238120	.....	352230	412180	.....	543650	.....	726700	.....	714770	514060	.....

REPORT OF THE STATE ENGINEER

CONTENTS IN ACRE-FEET, ALCOVA STORAGE RESERVOIR
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	131700	131150	130510	130090	129530	129490	129770	132160	177060	178520	182320	176800
2	131680	131130	130470	130090	129530	129510	129770	135620	177250	178640	181740	176780
3	131660	131110	130430	130190	129490	129510	129790	139390	178520	178640	181200	177950
4	131660	131070	130390	130230	129470	129510	129790	143140	179350	178610	180720	180200
5	131640	131030	130370	130250	129470	129510	129790	146990	179560	178540	179890	183080
6	131620	130990	130350	130250	129470	129530	129810	150720	180390	178470	180460	184810
7	131600	130950	130330	130250	129470	129550	129850	153360	180700	178400	181740	183030
8	131570	130910	130330	130250	129470	129590	129910	155370	180790	178310	182560	179840
9	131550	130910	130310	130250	129450	129590	129910	157280	180840	178190	183010	176610
10	131530	130870	130310	130250	129450	129590	129910	158600	180820	178140	183770	176450
11	131510	130850	130290	130250	129430	129610	129910	153110	180700	179630	181740	181130
12	131490	130850	130270	130250	129470	129610	129930	159350	180370	179230	181580	183080
13	131490	130830	130230	130250	129470	129610	129990	159640	180430	180250	182390	184370
14	131470	130810	130210	130250	129470	129610	130010	159880	181530	181320	183150	184670
15	131490	130770	130210	130250	129490	129610	130030	160240	181910	181960	183770	180910
16	131490	130750	130190	130270	129490	129630	130030	160570	181150	182320	183510	177890
17	131410	130750	130190	130270	129490	129630	130030	160930	179940	182320	181460	174510
18	131390	130730	130190	130270	129490	129630	130050	161220	179920	182240	181050	173900
19	131390	130690	130170	130270	129470	129630	130050	161460	180770	181860	181740	174410
20	131390	130670	130150	130270	129450	129670	130050	161730	180770	181360	182390	172930
21	131390	130670	130130	130190	129450	129690	130070	162110	180440	181890	182910	169750
22	131390	130670	130110	130190	129450	129730	130070	162420	179840	182930	183440	166040
23	131370	130630	130110	130130	129450	129770	130070	166900	179090	184110	183820	166630
24	131350	130610	130110	130050	129470	129770	130070	173430	178310	185240	182700	165020
25	131330	130590	130110	129970	129470	129770	130070	176190	177650	183680	180630	161290
26	131330	130590	130110	129870	129470	129770	130090	177060	177060	181650	180130	158580
27	131310	130550	130110	129830	129490	129770	130090	176330	177130	181050	180700	157650
28	131290	130510	130110	129750	129490	129770	130090	176450	177950	181980	181530	157540
29	131250	130510	130090	129670	.....	129770	130150	176680	177700	182290	180580	157340
30	131210	130510	130090	129590	.....	129770	130210	176780	178090	183410	178680	157280
31	131190	.....	130090	129570	.....	129770	.....	177270	.....	182860	178520	.....

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF ALCOVA RESERVOIR
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	20	10	10	25	10	10	10	1810	5520	5030	4760
2	10	10	20	10	25	10	10	10	3070	5780	5010	4630
3	10	10	20	10	25	10	10	10	2820	5780	4990	4440
4	10	20	20	10	18	10	10	10	2120	5780	4990	4060
5	10	20	10	10	10	10	10	10	2120	5800	4900	3710
6	10	20	10	10	10	10	10	10	1350	5780	4910	3350
7	10	20	10	10	10	10	10	10	485	5780	4950	2470
8	10	20	10	10	10	10	10	10	248	5780	4950	1790
9	10	10	10	10	10	10	10	10	132	5780	4970	1650
10	10	20	10	10	10	10	10	10	132	5780	4990	1660
11	10	10	10	10	10	10	10	10	128	3840	4950	1730
12	10	10	10	10	10	10	10	12	128	4150	4990	1820
13	10	10	20	10	10	10	10	12	360	4670	5100	1800
14	10	10	10	10	10	10	10	12	744	5200	5120	1770
15	10	20	10	10	10	10	10	12	660	5420	5160	1740
16	10	10	10	10	10	10	10	12	480	5050	5180	1700
17	40	10	10	10	10	10	10	12	780	4320	5120	1660
18	10	10	10	10	10	10	10	12	1200	4840	5080	2170
19	10	20	10	10	10	10	10	12	1200	4820	5120	2520
20	10	10	10	10	10	10	10	12	1200	5080	5160	2470
21	10	10	10	50	10	10	10	12	1410	5300	5050	2590
22	10	10	10	50	10	10	10	12	1940	5200	5080	2680
23	10	20	10	50	10	10	10	12	2460	5140	5120	2680
24	10	10	10	50	10	10	10	12	3230	5180	5100	2680
25	10	10	10	50	10	10	10	12	3910	5180	5050	2020
26	10	10	10	50	10	10	10	11	4130	5100	5030	1300
27	10	20	10	50	10	10	10	10	4440	5010	5070	364
28	10	20	10	50	10	10	10	10	4650	5010	4910	125
29	20	10	10	50	.....	10	10	11	4700	5030	4800	54
30	20	10	10	50	.....	10	10	10	5480	5050	4760	10
31	10	.....	10	32	.....	10	.....	10	.....	5050	4760	.....
Mean	12	14	11	24	12	10	10	11	1920	5220	5010	2210
Max.	40	20	20	50	25	10	10	12	5480	5800	5180	4760
Min.	10	10	10	10	10	10	10	10	128	3840	4760	10
A.F.	714	833	694	1450	660	615	595	674	114090	320690	308240	131710

Total acre-feet 880960.

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
INFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	480	245	188	204	53	514	414	1110	818	4150	4820	4640
2	471	176	246	147	125	524	367	1150	659	4720	4760	4590
3	402	238	241	155	44	625	325	993	117	5070	4810	4680
4	411	262	240	123	165	680	271	943	1770	5390	4830	4520
5	338	195	168	104	105	867	308	963	3510	5650	4770	4510
6	321	204	175	133	92	832	312	1170	2580	5980	4690	4330
7	324	217	119	98	131	842	319	1590	2640	5440	4740	4000
8	302	255	128	128	145	827	336	1570	3070	5470	4720	3520
9	318	176	168	92	136	600	351	1630	2520	5430	4760	3050
10	270	158	260	144	129	509	391	1680	1670	5570	4800	2420
11	289	229	214	135	159	504	448	1670	1350	5870	4800	2060
12	274	212	224	121	144	459	521	1610	1090	6730	4780	1850
13	268	253	222	114	114	438	438	1500	973	4940	4760	1880
14	266	249	252	162	113	328	581	1490	854	4110	4780	1820
15	271	223	199	116	103	302	672	1450	855	4780	4910	1900
16	262	220	158	125	124	277	710	1520	780	5090	4940	1810
17	307	262	151	100	139	353	593	1660	858	5220	4960	1770
18	246	153	139	147	155	383	609	1620	1090	4900	4960	1740
19	259	130	198	79	154	383	600	1500	1010	4670	4890	1700
20	247	98	158	82	186	358	794	1700	939	4670	4860	1700
21	248	189	144	171	173	368	841	2040	1330	4580	4900	2240
22	217	133	170	113	233	403	985	1820	1360	4710	4980	2370
23	248	236	145	111	218	448	999	1700	1380	4970	4980	2480
24	220	296	177	44	316	388	1050	1860	1480	4940	4950	2750
25	218	247	160	160	499	504	1060	1640	1930	4950	4980	2750
26	214	188	135	122	539	464	1120	1560	2690	4820	4880	2730
27	199	164	145	114	524	348	1250	1320	3310	4820	4830	2640
28	227	123	143	125	544	363	1200	1110	3790	4850	4920	2120
29	300	163	153	116	...	403	1220	1010	3380	4810	5020	1660
30	203	141	168	131	...	384	1140	1020	4090	4800	4840	1200
31	253	...	167	162	...	353	...	875	...	4780	4710	...
Mean	286	200	179	125	199	485	674	1430	1820	5060	4850	2710
Max.	480	296	260	204	544	867	1250	2040	4090	6730	5020	4640
Min.	199	98	119	44	44	277	271	875	117	4110	4590	1200
A.F. 17600	11920	11020	7690	11030	29810	40120	88210	108290	311170	298180	161420	

Total acre-feet 1096460.

CONTENTS IN ACRE-FEET, GUERNSEY STORAGE RESERVOIR
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25640	32540	30150	28120	20210	21580	47750	34170	31270	15130	29680	33720
2	26520	32480	30210	28000	19970	22580	47730	34270	26500	14480	29470	33980
3	27260	32580	30270	27850	19570	23780	47660	34070	20990	14380	29390	34690
4	27610	32580	30330	27640	19410	25090	47440	33720	21150	14920	29380	35520
5	28190	32540	30190	27410	19130	26770	47060	33390	24740	16000	29180	36510
6	28630	32500	30110	27210	18820	28380	46710	33450	27170	17730	28760	37340
7	29110	32480	29910	26940	18610	30010	46040	33460	31750	18970	28420	39380
8	29540	32500	29740	26720	18410	31610	45060	35210	36750	20170	28080	40200
9	30030	32380	29640	26440	18180	32760	44230	36150	40710	21150	27790	40170
10	30510	32160	29810	26260	19970	33730	42700	37190	42500	22290	27610	39080
11	30920	32160	29910	26040	17830	34690	41640	38180	43210	24240	27420	37560
12	31180	32060	30030	25790	17660	35560	40710	38840	41690	28020	27240	35920
13	31550	32010	30090	25500	17420	36390	39600	39270	39990	28480	27060	34810
14	31850	32080	30210	25310	17150	37000	38750	39640	38730	27410	26930	33820
15	31970	31970	30190	25030	16860	37560	38030	39970	37430	28160	27060	33000
16	32360	31890	30050	24740	16660	38070	37370	40460	35960	29580	27190	32030
17	32520	31770	29890	24420	16490	38730	36470	41330	34630	31230	27550	30740
18	32560	31570	29740	24210	16350	39450	35560	42160	33860	31870	28060	29160
19	32480	31280	29700	23910	16210	40170	34610	42730	32960	31550	28420	27420
20	32520	30940	29580	23570	16150	40840	34070	43640	31950	30940	28730	25580
21	32560	30920	29430	23410	16100	41530	33630	45180	31510	30290	29110	24930
22	32540	30600	29350	23130	16200	42290	33450	46290	30680	29950	29700	24970
23	32580	30560	29160	22840	16330	43140	33290	47110	29230	30090	30250	25840
24	32540	30620	29100	22400	16730	43870	33230	48200	27060	30230	30860	27320
25	32520	30880	28970	22200	17530	44530	33150	48770	24260	30430	31060	29700
26	32460	30820	28740	21930	18580	45710	33250	48980	22400	30870	31410	32080
27	32400	30660	28570	21640	19560	46560	33570	48580	20870	30310	31730	34360
28	32400	30430	28400	2130	20600	47040	33780	48970	19810	30250	32300	35830
29	32480	30350	28290	21080	...	47800	34000	44120	18270	30110	33070	36810
30	32460	30210	28210	20810	...	48200	34130	40400	16810	29970	33450	36980
31	32500	...	28120	20600	...	47920	...	35870	...	29780	33590	...

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	49	225	218	204	250	20	500	1080	3130	4980	4850	4560
2	20	206	216	207	246	20	377	1080	3150	5040	4850	4440
3	20	188	211	231	246	20	360	1070	2790	5110	4830	4260
4	72	262	210	229	246	20	382	1100	1680	5110	4810	4090
5	187	215	239	220	246	20	500	1130	1690	5090	4860	4000
6	89	224	215	234	248	20	488	1130	1330	5090	4880	3660
7	71	227	220	234	237	20	657	1130	530	4810	4880	3320
8	76	245	214	239	246	20	830	1140	542	4850	4880	3100
9	61	236	218	233	252	20	966	1130	518	4920	4880	3050
10	20	269	174	235	235	20	966	1140	596	4980	4880	2950
11	76	229	164	246	230	20	982	1150	1120	4880	4880	2520
12	131	262	164	247	230	20	990	1260	1840	4810	4860	2670
13	70	278	192	260	235	20	998	1270	1810	4690	4830	2430
14	104	214	192	258	249	20	1010	1280	1470	4640	4830	2310
15	204	278	209	257	249	20	1020	1280	1490	4380	4830	2300
16	65	260	228	271	225	20	1030	1260	1500	4350	4850	2270
17	226	322	232	261	225	20	1030	1200	1510	4360	4770	2400
18	226	234	215	253	226	20	1060	1190	1470	4560	4690	2520
19	299	276	218	230	225	20	1060	1190	1440	4810	4690	2560
20	227	269	218	253	216	20	1060	1240	1430	4960	4690	2610
21	227	199	220	252	198	20	1050	1240	1520	4880	4690	2560
22	227	294	210	254	183	20	1060	1250	1800	4860	4660	2340
23	228	256	241	257	152	20	1070	1260	2000	4880	4690	2130
24	240	266	207	266	114	20	1070	1260	2610	4850	4750	1390
25	228	116	226	261	96	20	1080	1330	3320	4830	4730	1530
26	244	218	251	258	20	20	1080	1430	3610	4830	4680	1520
27	229	235	231	260	20	20	1080	1500	4020	4830	4660	1480
28	227	244	229	256	20	20	1080	1900	4360	4860	4620	1360
29	260	203	208	267	...	20	1070	2430	4640	4860	4620	1160
30	213	212	208	267	...	182	1070	2870	4810	4850	4640	1100
31	233	...	212	268	...	494	...	3130	...	4850	4620	...
Mean	156	239	213	247	199	40	899	1390	2120	4830	4770	2640
Max.	299	322	251	271	252	494	1080	3130	4810	5110	4880	4560
Min.	20	116	164	204	20	20	360	1070	518	4350	4620	1100
A. F.	9620	14200	13110	15210	11040	2490	53490	85490	126400	297130	293320	157270

Total acre-feet 107877.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT WYOMING-NEBRASKA STATE LINE
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	749	705	594	696	620	497	444	459	794	1200	1090	934
2	644	678	577	670	630	505	618	423	776	1220	1100	924
3	618	670	569	350	640	536	661	394	687	1240	1110	943
4	602	678	569	380	640	552	627	401	731	1320	1080	972
5	585	661	552	400	640	569	552	423	924	1370	1030	934
6	610	657	512	510	600	602	505	451	1270	1340	1060	934
7	661	670	520	670	670	585	430	423	1630	1290	1110	858
8	635	678	569	710	610	602	466	437	1590	1210	1120	696
9	585	687	618	660	560	552	430	437	1460	1180	1160	635
10	602	705	627	610	630	505	388	444	1120	1220	1210	602
11	569	740	644	610	660	497	382	451	962	1320	1170	602
12	552	776	661	600	600	466	388	423	868	1250	1160	569
13	577	755	670	600	590	466	356	408	1180	1180	1150	602
14	594	803	644	610	610	451	382	401	1190	1130	1130	569
15	535	849	627	600	480	437	388	430	905	1080	1100	520
16	560	840	594	550	630	437	401	560	849	1010	1090	473
17	577	858	560	510	720	423	415	552	1000	981	1080	437
18	652	849	569	590	670	423	388	618	1450	952	1030	437
19	722	868	602	510	610	430	362	678	2010	972	943	552
20	740	803	569	490	670	444	368	644	2170	1090	924	520
21	758	776	585	480	687	451	401	696	1590	1120	962	528
22	740	731	602	570	670	459	444	731	1370	1070	943	544
23	713	731	610	560	652	437	473	831	1260	1060	905	560
24	687	740	661	470	635	451	489	758	1130	1090	896	594
25	670	705	705	510	618	430	473	713	1140	1090	981	577
26	635	644	678	550	594	408	459	618	1300	1090	981	528
27	635	569	731	600	560	388	473	528	1110	1070	952	552
28	644	536	713	580	536	368	437	444	1130	1080	934	560
29	705	569	776	550	...	368	437	415	1260	1080	943	528
30	713	594	840	590	...	388	473	528	1210	1110	962	569
31	731	...	785	630	...	362	...	678	...	1100	981	...
Mean	647	720	630	562	614	467	450	529	1202	1146	1042	642
Max.	758	868	840	710	720	602	661	831	2170	1370	1210	972
Min.	552	536	512	350	480	362	356	394	687	952	896	437
A. F.	39770	42810	38740	34540	34120	28740	26760	32520	71540	70440	64040	38210

Total acre-feet 522230.

BUREAU OF IRRIGATION

NORTH PLATTE RIVER AT GERING
CHANNEL SPILL—Sec. 9-23-53 W.

Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	143	33	44	46	52
2	138	6	69	53	67
3	134	0	95	54	74
4	107	13	168	42	78
5	106	30	188	26	63
6	124	142	178	29	91
7	117	1220	152	44	61
8	187	1310	117	46	22
9	238	950	80	80	21
10	157	640	100	139	17
11	116	475	157	110	16
12	61	370	163	104	13
13	32	418	149	116	13
14	23	830	107	104	12
15	26	505	90	90	20
16	42	446	60	88	14
17	21	510	34	80	13
18	28	746	33	72	14
19	46	1230	32	31	16
20	29	1720	33	29	15
21	54	1000	46	74	14
22	79	708	32	46	13
23	106	320	30	31	21
24	67	202	48	21	27
25	20	128	31	80	20
26	7	141	33	72	20
27	4	55	33	45	13
28	3	45	21	31	13
29	2	45	27	29	11
30	4	40	49	47	26
31	12	.	60	65	.
Mean	72	476	79	62	29
Max.	238	1720	188	139	91
Min.	2	0	21	21	11
A.F.	4430	28340	4880	3820	1730

Total acre-feet 43200.

NORTH PLATTE RIVER BELOW TRI-
STATE DAM—Sec. 10-23-53 W.

Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	1	3	4	6	6
2	1	3	4	7	7
3	1	3	4	7	6
4	1	3	4	7	5
5	1	3	4	8	5
6	1	3	4	8	5
7	1	3	4	8	5
8	1	3	3	8	5
9	1	3	3	8	5
10	1	3	3	8	5
11	2	3	3	8	5
12	2	3	3	8	5
13	2	3	3	8	5
14	2	3	3	8	5
15	2	4	3	8	5
16	2	4	3	8	5
17	2	4	3	7	5
18	3	4	3	7	5
19	3	4	4	7	5
20	3	4	4	7	5
21	3	4	4	7	5
22	3	4	4	7	5
23	3	4	4	6	5
24	3	4	5	6	5
25	3	4	5	6	5
26	3	4	5	6	5
27	3	4	5	6	5
28	3	4	6	6	5
29	3	4	6	6	5
30	3	4	6	6	5
31	3	.	6	6	6
Mean	2	4	4	7	5
Max.	3	4	6	8	6
Min.	1	3	3	6	5
A.F.	130	210	250	430	300

Total acre-feet 1320.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT MITCHELL

Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1100	1010	846	804	772	852	689	606	216	280	325	415
2	1010	1000	846	794	760	852	766	551	269	311	333	393
3	948	994	883	561	760	858	328	531	272	318	364	437
4	922	974	902	760	772	870	810	468	252	395	329	501
5	909	968	876	790	766	876	782	393	255	428	308	536
6	961	980	858	760	711	876	738	491	670	459	308	631
7	980	968	799	740	755	846	706	455	1370	464	300	646
8	1010	961	828	780	728	858	695	591	2700	415	311	616
9	1000	961	840	720	711	834	695	738	2620	393	381	561
10	1010	988	852	680	750	816	657	601	2130	441	428	566
11	994	968	852	700	840	816	631	531	1750	556	419	606
12	980	980	846	720	834	804	641	455	1630	601	393	621
13	974	961	852	750	778	794	631	372	1920	536	402	606
14	974	954	840	780	722	788	626	516	2410	526	410	621
15	968	961	834	800	641	760	636	341	1910	482	402	626
16	948	948	777	800	733	766	641	360	1660	450	385	566
17	916	974	772	800	948	755	641	297	1600	368	385	441
18	954	974	799	733	1000	760	611	219	1800	325	389	441
19	980	961	782	695	987	766	591	225	2330	300	329	437
20	994	961	810	646	942	766	581	207	2780	294	318	424
21	1010	942	816	581	968	738	586	216	2460	318	356	419
22	1010	942	834	651	987	716	606	258	1860	360	348	410
23	1000	948	840	700	994	700	611	311	1380	333	333	398
24	987	948	810	611	987	728	626	344	1010	356	329	410
25	980	961	772	561	987	711	626	245	738	360	337	410
26	948	935	750	611	968	695	626	172	755	348	402	410
27	922	896	744	662	928	700	611	170	646	337	360	455
28	928	799	766	684	890	684	473	170	385	297	352	424
29	1110	822	755	684	...	673	432	170	329	318	344	521
30	1080	834	772	711	...	695	541	167	290	314	356	616
31	1060	...	732	766	...	680	...	181	...	352	393	...
Mean	986	945	817	710	844	776	645	367	1363	385	359	506
Max.	1110	1010	902	804	1000	876	828	738	2780	601	428	646
Min.	909	799	744	561	641	673	432	167	216	280	300	393
A.F.	60630	56440	50250	43670	46850	47690	38360	22590	81120	23870	22070	30120

Total acre-feet 523660.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT MINATARE
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1570	1340	1240	1020	1030	1180	899	896	247	312	659	556
2	1510	1320	1290	1040	1000	1160	929	842	274	312	585	585
3	1430	1320	1280	789	990	1140	1020	806	346	323	561	637
4	1380	1310	1300	940	1020	1150	1050	741	382	351	515	754
5	1350	1280	1270	900	1000	1140	1020	721	411	456	423	825
6	1310	1280	1240	850	950	1120	958	848	949	482	387	931
7	1290	1270	1150	750	1070	1100	957	753	1560	474	361	1080
8	1320	1250	1120	730	1030	1090	957	841	2370	501	336	1130
9	1290	1260	1090	660	970	1070	1010	956	2800	546	333	1100
10	1300	1340	1080	600	990	1040	968	847	2250	606	350	1100
11	1330	1340	1100	750	1080	1030	929	753	2020	846	422	1100
12	1310	1380	1110	900	990	1030	891	683	1830	863	459	1100
13	1300	1380	1120	990	910	1000	890	572	2030	851	495	1080
14	1300	1320	1130	1050	850	1030	844	629	2500	884	531	1040
15	1310	1290	1120	1070	890	1010	835	591	2240	931	678	1010
16	1310	1240	1100	1060	1200	1020	844	553	1920	873	606	977
17	1300	1290	1000	1070	1320	975	850	534	1700	815	578	836
18	1310	1350	1030	1040	1270	983	830	457	1710	683	574	815
19	1340	1300	1010	1000	1190	997	832	451	2060	548	554	817
20	1400	1320	1000	860	1170	1000	838	460	2440	497	516	747
21	1400	1300	1000	760	1180	973	827	556	2520	466	565	742
22	1420	1260	1050	840	1250	978	826	551	1790	503	577	739
23	1450	1270	1090	840	1280	997	823	541	1340	458	504	736
24	1390	1270	1070	710	1250	1020	816	579	1070	409	470	745
25	1310	1300	1040	780	1260	1000	817	588	835	426	435	764
26	1260	1280	953	860	1260	987	796	548	712	448	439	733
27	1230	1260	960	970	1260	972	793	454	694	425	476	771
28	1220	1210	985	880	1220	970	735	391	563	418	478	745
29	1300	1210	971	860	1220	940	718	336	421	435	505	781
30	1330	1210	954	960	1220	928	871	290	329	718	532	398
31	1330	1220	1020	1030	1220	908	871	291	329	718	532	398
Mean	1342	1292	1094	892	1103	1030	858	414	1411	564	509	863
Max.	1570	1380	1300	1070	1320	1180	1050	956	2800	931	678	1130
Min.	1220	1210	953	600	850	909	718	261	247	312	333	556
A.F.	82510	76860	67270	54860	61250	63360	52330	37740	83990	34710	30750	51330

Total acre-feet 696960.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT BRIDGEPORT
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2120	1850	1700	1120	1380	1550	1280	1120	520	473	1120	856
2	2070	1820	1720	1110	1400	1500	1260	1040	525	441	1150	973
3	1920	1810	1700	800	1380	1460	1330	1040	550	397	977	1110
4	1860	1750	1630	450	1380	1470	1370	997	634	397	863	1270
5	1850	1740	1600	500	1410	1560	1370	1050	665	474	884	1390
6	1850	1720	1560	620	1390	1540	1360	1140	1420	558	805	1430
7	1810	1700	1520	600	1340	1490	1290	1210	2260	577	718	1670
8	1960	1720	1460	660	1360	1480	1270	1260	2350	640	644	1760
9	2060	1800	1450	680	1360	1500	1270	1330	2500	704	588	1760
10	1900	1680	1460	680	1400	1470	1190	1240	2420	756	618	1750
11	1800	1690	1480	900	1460	1450	1100	1130	2010	1260	589	1680
12	1770	1700	1550	1100	1510	1460	1050	1020	1750	1190	625	1680
13	1730	1670	1550	1200	1370	1430	1120	943	1860	1250	607	1670
14	1750	1670	1410	1400	1300	1370	1180	875	2636	1340	789	1640
15	1780	1660	1410	1360	1330	1370	1160	941	2460	1300	1100	1590
16	1740	1650	1370	1380	1400	1370	1120	875	2070	1350	1100	1530
17	1690	1640	1390	1420	1700	1310	1100	856	1860	1320	1070	1450
18	1640	1810	1360	1350	1950	1270	1110	847	1790	1160	1090	1390
19	1660	1660	1380	1300	1890	1280	1130	816	2040	1030	987	1390
20	1670	1610	1350	1250	1870	1320	1160	822	2320	822	920	1340
21	1700	1650	1360	1230	1900	1340	1260	937	2530	739	910	1290
22	1760	1770	1380	1220	1950	1360	1140	974	2260	737	1020	1250
23	1800	1760	1370	1200	1830	1370	1090	954	1690	725	712	1200
24	1840	1730	1410	1150	1660	1430	1080	948	1410	678	707	1240
25	1840	1730	1330	950	1660	1380	1060	947	1110	638	745	1260
26	1840	1690	1270	980	1600	1360	1060	918	913	627	673	1230
27	1810	1650	1220	1020	1570	1330	1080	835	868	656	745	1210
28	1770	1630	1250	1220	1560	1340	1070	727	832	683	700	1230
29	2250	1620	1110	1170	1220	1290	1000	697	712	818	760	1210
30	2160	1640	1110	1250	1220	1290	1070	631	532	949	796	1370
31	1960	1640	1110	1340	1220	1290	1070	566	555	1080	884	1370
Mean	1850	1707	1418	1052	1546	1401	1171	957	1574	834	839	1396
Max.	2250	1850	1720	1420	1950	1550	1370	1330	2630	1380	1150	1760
Min.	1640	1610	1110	450	1300	1270	1000	556	520	397	589	856
A.F.	113770	101590	87210	64680	85840	86120	69680	53860	93660	51270	51560	83050

Total acre-feet 947290.

BUREAU OF IRRIGATION

425

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT LISCO
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2100	2130	1660	1110	1400	1920	1460	1280	628	540	937	1080
2	2360	2080	1680	1130	1420	1790	1430	1180	650	416	911	1070
3	2310	2040	1680	700	1410	1790	1400	1100	584	332	849	1110
4	2200	2010	1730	450	1400	1790	1440	1040	662	332	861	1210
5	2160	1980	1680	500	1440	1740	1480	1110	777	378	777	1360
6	2130	1890	1620	650	1420	1700	1480	1240	989	540	684	1510
7	2040	1880	1620	650	1400	1660	1430	1400	2400	540	617	1550
8	1980	1880	1600	700	1420	1660	1420	1650	2620	584	540	1700
9	2030	1840	1550	680	1470	1700	1460	1510	2560	595	498	1880
10	2030	1840	1600	830	1460	1710	1460	1440	2690	617	519	1880
11	1990	1840	1680	1120	1460	1660	7370	1320	2470	708	584	1830
12	2010	1840	1660	1200	1450	1650	3320	1220	2100	1060	617	1840
13	1890	1840	1380	1250	1520	1620	1300	1110	2100	1040	708	1910
14	1840	1810	1700	1250	1540	1580	1310	1110	2640	1110	742	1880
15	1830	1780	1660	1300	1460	1570	1320	1150	3170	1270	885	1880
16	1860	1780	1630	1350	1470	1550	7310	1270	2860	1310	1100	1780
17	1830	1880	1570	1490	1600	1600	1280	1210	2430	1240	1080	1650
18	1780	2080	1650	1430	1870	1630	1220	1000	2290	1190	1120	1520
19	1760	1910	1620	1330	2160	1630	1210	1040	2250	1040	1150	1460
20	1760	1760	1660	1280	2220	1630	1210	1040	2410	911	1100	1460
21	1760	1790	1630	1270	2220	1580	1240	1120	2640	742	1030	1360
22	1780	1830	1650	1260	2300	1550	1180	1120	2670	639	989	1360
23	1810	1880	1710	1250	2330	1570	1140	1080	2360	628	962	1320
24	1860	1810	1680	1200	2420	1780	1100	1120	1960	606	898	1310
25	1830	1880	1600	1170	2380	1600	1180	1040	1570	606	861	1340
26	1860	1780	1560	1000	2290	1600	1210	911	1190	595	765	1340
27	1890	1710	1270	1050	2170	1480	1160	885	1000	562	754	1320
28	1880	1650	1260	1150	2100	1400	1120	777	911	540	825	1310
29	2180	1660	1270	1250	....	1460	1070	754	789	673	873	1300
30	2410	1620	1210	1250	....	1490	1160	730	673	777	873	1360
31	2240	....	1130	1300	....	1430	....	639	....	963	963	....
Mean.	1980	1860	1578	1082	1759	1630	1299	1116	1835	745	841	1496
Max.	2410	2130	1730	1490	2420	1920	1480	1650	3170	1310	1150	1910
Min.	1760	1620	1130	450	1400	1400	1070	639	584	332	498	1070
A.F.	121770	110680	97050	66550	97670	100200	77280	68620	109180	45790	51270	89020

Total acre-feet 1035530.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT OSHKOSH
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2200	1930	1740	810	1360	2260	1500	1370	685	879	948	951
2	2280	1890	1800	830	1360	2140	1450	1300	756	864	933	996
3	2340	1910	1810	700	1400	2030	1430	1180	672	873	873	1030
4	2010	1990	1850	450	1480	1870	1500	1130	685	751	812	1150
5	1970	1990	1700	500	1450	1810	1560	1160	769	615	754	1350
6	1990	1890	1700	650	1450	1760	1500	1180	889	493	628	1510
7	1930	1870	1630	650	1440	1780	1480	1430	2090	488	515	1620
8	1950	1870	1680	700	1440	1850	1450	2150	2700	540	445	1640
9	1970	1870	1580	750	1440	1890	1590	1930	2640	576	423	1710
10	2030	1800	1610	800	1500	1830	1610	1680	2770	564	445	1790
11	1950	1720	1800	1100	1320	1780	1500	1360	2540	567	468	1830
12	1890	1800	1810	1360	1530	1680	1390	1410	2340	890	514	1700
13	1810	1830	1830	1420	1540	1650	1290	1260	2120	995	643	1740
14	1780	1830	1810	1390	1550	1650	1290	1170	2420	1040	711	1820
15	1740	1800	1810	1350	1410	1650	1290	1090	2940	1130	732	1800
16	1740	1830	1540	1400	1450	1720	1240	1260	2890	1330	966	1700
17	1830	1990	1470	1450	1560	1650	1200	1410	2330	1340	1010	1630
18	1870	2260	1540	1400	1700	1590	1170	1150	2020	1230	1080	1560
19	1850	1990	1610	1320	1840	1660	1190	1150	1940	1100	1070	1590
20	1830	1800	1700	1280	1980	1720	1200	1240	2030	966	1020	1570
21	1830	1910	1570	1260	2200	1720	1270	1330	2280	801	985	1510
22	1870	1900	1650	1250	2300	1570	1270	1140	2490	703	909	1440
23	1800	1900	1650	1250	2490	1560	1260	1160	2360	558	873	1290
24	1830	1890	1560	1230	2560	1870	1290	1280	1980	462	798	1200
25	1810	1910	1370	1200	2580	1800	1320	1240	1590	461	698	1200
26	1810	1810	1120	1020	2610	1700	1340	1090	1220	503	645	1250
27	1760	1780	1100	1050	2510	1650	1270	1040	1040	434	631	1300
28	1740	1650	950	1160	2330	1600	1170	979	972	423	698	1320
29	1950	1650	800	1290	....	1550	1150	904	942	566	812	1370
30	2170	1660	800	1270	....	1600	1270	887	895	660	757	1440
31	2070	....	810	1350	....	1520	....	755	....	771	833	....
Mean.	1923	1864	1529	1085	1785	1745	1348	1289	1510	761	762	1464
Max.	2340	2260	1850	1450	2610	2260	1810	2150	2940	1340	1080	1530
Min.	1740	1650	800	450	1360	1520	1150	755	672	423	423	1070
A.F.	118210	110920	94040	66720	99130	107330	80210	77390	107690	46770	46370	87110

Total acre-feet 1042390.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT LEWELLEN
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2200	2230	1850	910	1560	2730	1800	1410	879	595	917	913
2	2170	2180	1880	920	1580	2580	1830	1380	1000	570	905	987
3	2300	2100	1880	570	1620	2530	1740	1300	898	447	927	1060
4	2160	2090	1910	460	1620	2430	1710	1210	854	399	832	1100
5	2080	2140	1920	530	1610	2330	1750	1210	896	407	794	1250
6	2070	2030	1760	730	1590	2260	1730	1290	943	577	666	1590
7	2010	1980	1720	670	1590	2170	1680	1510	1810	524	554	1670
8	1970	2000	1470	750	1600	2150	1640	2200	2860	542	546	1740
9	1940	2010	1620	740	1590	2140	1770	2060	2770	569	554	1910
10	2000	2010	1760	720	1610	2090	1840	1750	2790	543	570	2020
11	1980	2010	1730	900	1580	1980	1770	1650	2880	561	538	2000
12	2010	2040	1930	1100	1620	1940	1580	1670	2690	635	542	1880
13	2000	2010	1950	1210	1680	1930	1510	1520	2340	977	589	1860
14	2000	2010	1960	1300	1700	1880	1550	1360	2500	1010	702	1880
15	2000	2030	1920	1360	1710	1800	1520	1300	2850	1100	712	1880
16	2040	2000	1850	1410	1570	1820	1480	1400	3130	1200	848	1790
17	2090	2000	1750	1500	1660	1800	1430	1610	2710	1250	1030	1700
18	2020	2290	1530	1530	1820	1790	1410	1440	2440	1170	1050	1630
19	1940	2080	1530	1500	2030	1730	1380	1300	2350	1080	1120	1540
20	1900	1850	1400	1480	2160	1730	1410	1520	2340	947	997	1510
21	1960	1920	1580	1440	2360	1690	1430	1720	2630	831	929	1480
22	1980	1970	1460	1370	2480	1660	1420	1540	2780	694	855	1440
23	1980	1980	1480	1350	2600	1660	1360	1420	2820	622	791	1400
24	1970	2040	1410	1320	2860	2000	1370	1440	2430	562	759	1360
25	1990	2040	1300	1300	2940	2080	1360	1380	1980	536	718	1340
26	1990	1970	1260	1230	2990	2060	1300	1280	1560	532	690	1360
27	1980	1920	1230	1280	2990	1920	1370	1210	1200	555	618	1360
28	1980	1810	930	1390	2820	1780	1930	1180	999	520	630	1320
29	2250	1740	880	1400	....	1740	1270	1100	860	591	897	1330
30	2450	1800	880	1500	....	1850	1320	1030	730	686	897	1360
31	2500	....	890	1550	....	1770	....	930	....	736	880	....
Mean	2062	2013	1568	1143	1984	2001	1537	1426	1991	712	776	1521
Max.	2500	2330	1960	1550	2990	2730	1840	2200	3130	1250	1120	2020
Min.	1900	1740	880	460	1560	1600	1270	930	730	399	538	913
A.F.	126760	119760	96440	70250	110160	123010	91480	87710	118450	43750	47720	90530

Total acre-feet 1126020.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT KEYSTONE
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	389	86	5	6	513	612	4	63	105	359	2480	376
2	198	86	5	6	518	195	5	24	90	446	2460	367
3	252	82	5	6	518	17	7	9	66	580	2380	406
4	248	116	9	125	518	13	8	10	77	613	2220	465
5	362	116	51	175	362	4	10	14	79	635	2140	456
6	385	62	12	175	368	4	8	14	79	624	2150	415
7	394	52	10	175	139	4	7	10	82	608	2140	323
8	326	54	10	200	62	3	7	14	80	763	2130	289
9	326	62	10	275	51	2	8	14	71	968	2140	260
10	330	69	11	375	18	2	8	8	61	895	2050	285
11	238	73	9	385	15	2	8	23	56	895	1850	300
12	160	76	9	394	14	2	8	70	56	901	1980	239
13	137	102	7	450	14	2	8	73	55	901	1690	193
14	134	142	7	508	14	2	8	73	53	901	1490	175
15	168	189	7	445	326	3	7	70	52	925	1310	107
16	137	183	11	346	575	3	7	71	62	1090	1120	63
17	163	177	7	330	596	3	6	71	46	1210	948	40
18	118	183	7	389	590	3	6	71	56	1350	570	94
19	92	180	21	412	596	3	6	70	56	1540	475	26
20	92	177	14	435	596	3	6	70	55	1820	475	53
21	94	208	9	346	607	4	6	77	50	1800	480	31
22	96	244	8	334	612	4	6	71	167	1900	494	53
23	88	139	8	338	624	4	6	70	242	2080	514	25
24	88	5	8	334	624	10	6	68	253	2270	480	84
25	90	5	8	295	624	7	12	66	225	2550	480	389
26	90	5	7	295	629	4	7	66	215	2830	494	281
27	90	5	7	473	624	5	7	64	212	2750	485	281
28	90	5	7	478	629	4	7	73	278	2630	489	242
29	155	7	7	498	....	3	7	105	260	2630	470	167
30	98	5	6	523	....	4	66	84	296	2690	397	225
31	88	....	6	523	....	3	....	82	....	2630	384	....
Mean	184	96	10	324	406	30	9	54	118	1445	1270	224
Max.	394	244	51	523	629	612	66	105	296	2830	2480	465
Min.	88	5	5	6	14	2	4	8	46	359	384	25
A.F.	11340	5740	610	19930	22560	1850	540	3310	6990	88830	78080	13320

Total acre-feet 253100.

BUREAU OF IRRIGATION

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DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT SUTHERLAND
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	225	242	162	95	620	1080	520	316	123	26	2400	120
2	220	225	148	80	600	940	310	236	116	28	2170	120
3	162	210	148	85	600	512	360	170	120	46	2020	74
4	162	190	148	90	600	334	366	148	123	74	1970	102
5	162	215	139	130	550	286	442	152	139	175	1840	286
6	215	236	210	190	450	264	405	166	157	428	1770	504
7	269	230	175	200	500	258	274	190	392	398	1800	274
8	322	247	152	210	290	236	230	372	298	412	1860	230
9	286	252	130	270	260	210	353	353	236	512	1860	215
10	316	264	130	330	240	210	316	236	195	660	1890	269
11	310	286	175	400	260	190	258	205	175	650	2030	310
12	304	286	195	500	260	166	215	185	157	707	1800	292
13	247	274	162	650	250	166	200	205	185	678	1640	220
14	190	304	162	620	260	130	200	420	162	698	1690	170
15	170	346	200	580	280	144	185	280	152	707	1390	175
16	180	316	190	550	310	258	170	280	130	678	1140	157
17	170	298	190	500	570	195	134	175	77	815	887	98
18	180	353	175	450	880	190	148	130	68	929	745	51
19	185	340	157	500	930	205	148	130	63	1030	428	33
20	175	322	180	540	840	210	148	130	58	1170	280	32
21	175	412	180	490	810	269	152	286	53	1390	185	28
22	175	450	175	470	1010	210	148	310	43	1520	190	22
23	152	465	144	460	1110	185	148	230	43	1500	185	22
24	162	386	126	460	1090	195	139	225	63	1560	180	22
25	175	247	139	450	1080	230	134	195	106	1690	162	21
26	180	190	134	440	1060	368	134	162	120	1360	162	63
27	162	180	139	500	1050	450	134	116	116	2080	162	123
28	162	157	120	550	1050	310	130	130	80	2420	175	83
29	230	166	100	580	.....	288	128	163	53	2420	252	48
30	298	166	100	600	.....	274	170	175	41	2360	230	48
31	264	.....	110	630	.....	292	.....	134	.....	2360	148	.....
Mean	212	275	155	406	636	298	227	213	128	1032	1085	139
Max.	322	465	210	650	1110	1080	520	420	392	2420	2400	504
Min.	152	157	100	80	240	130	126	116	41	26	148	18
A.F.	13060	16370	9510	24990	35330	18350	13460	13110	7620	63430	66730	8290

Total acre-feet 290270.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT NORTH PLATTE
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	465	500	425	190	680	1250	572	525	386	281	2430	300
2	525	500	417	210	700	1180	1100	525	349	294	2490	275
3	534	491	417	160	690	1130	710	457	386	275	2350	300
4	465	491	425	160	660	980	752	386	448	300	2210	409
5	440	491	417	110	650	852	1050	378	517	349	2170	491
6	448	544	349	100	620	670	1320	425	474	912	2100	948
7	508	517	417	140	640	640	973	482	620	948	1950	948
8	592	474	378	220	660	650	730	741	720	840	1860	710
9	544	474	378	210	580	532	876	796	620	796	1820	640
10	544	491	321	200	450	544	936	572	534	900	1930	582
11	563	491	440	250	430	534	690	465	457	1010	2000	572
12	534	508	525	350	460	525	592	440	491	1130	2150	582
13	457	500	465	450	420	517	572	465	582	1060	2000	563
14	393	491	440	600	280	474	582	1260	544	986	1790	482
15	370	572	450	750	340	417	517	818	440	1090	1790	432
16	356	563	420	730	410	525	465	650	378	999	1460	417
17	425	553	370	690	430	525	409	650	321	999	1330	356
18	457	592	390	630	580	500	417	525	321	1060	1130	335
19	457	544	380	580	790	457	401	448	342	1140	864	294
20	417	500	360	650	990	465	409	448	321	1170	601	269
21	417	611	430	660	1070	650	508	700	314	1220	508	238
22	417	640	430	620	1060	601	448	785	307	1420	440	238
23	409	640	410	630	1260	517	417	601	288	1540	386	205
24	425	730	350	620	1480	544	386	553	307	1500	328	200
25	448	592	370	620	1470	563	370	517	370	1570	294	205
26	465	517	360	610	1410	763	370	440	386	1720	321	238
27	457	491	370	590	1380	1020	401	349	448	1820	300	335
28	432	440	320	610	1370	763	393	321	378	2060	321	363
29	474	440	300	640	.....	670	363	363	335	2470	356	370
30	563	448	220	660	.....	482	386	417	321	2450	417	335
31	563	210	680	.....	.....	238	.....	440	.....	2470	370	.....
Mean	470	528	386	462	784	653	604	547	424	1186	1305	421
Max.	592	730	525	750	1480	1250	1320	1260	720	2470	2490	948
Min.	356	440	210	100	280	238	363	321	288	275	294	200
A.F.	28890	31410	23710	28400	43560	40120	35930	33600	25200	72950	80260	25060

Total acre-feet 469090.

REPORT OF THE STATE ENGINEER

*DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT JULESBURG, COLORADO

Water Year Ending September 30, 1948

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	140	550	561	563	566	1800	1950	324	201	537	39	30
2	109	554	572	582	640	1700	1890	271	214	595	39	30
3	124	544	567	627	720	1850	1860	320	214	552	46	30
4	138	544	566	710	800	1800	1760	548	247	472	48	34
5	138	543	545	776	776	1720	1640	796	370	410	47	32
6	136	542	534	791	980	1710	1550	1010	336	346	46	34
7	121	522	549	752	1010	1700	1440	1030	218	252	42	33
8	121	517	544	642	1110	1700	1380	820	154	179	42	41
9	121	522	588	577	1050	1670	1380	674	98	141	58	47
10	119	537	584	546	1100	1600	1370	540	56	122	79	42
11	118	559	586	528	1080	1620	1320	440	53	106	62	41
12	121	595	571	501	1070	1710	1300	355	51	96	50	38
13	123	625	559	463	1100	1620	1190	268	53	95	35	36
14	144	639	555	448	1030	1570	1050	168	61	149	37	34
15	152	640	562	455	1050	1590	903	118	101	175	36	31
16	156	630	552	417	1100	1580	712	91	260	153	37	33
17	162	630	541	417	1140	1730	501	73	610	122	39	32
18	223	594	544	451	1250	2000	381	61	706	110	36	31
19	268	547	539	445	1610	2370	311	50	552	152	36	29
20	412	540	533	449	1860	2130	261	44	448	183	34	34
21	618	493	514	476	1820	1870	226	44	451	175	33	35
22	650	455	503	617	1810	1700	161	44	458	179	34	44
23	591	426	507	714	1860	1650	138	44	739	146	33	67
24	518	414	528	707	1780	1460	128	42	1000	126	30	63
25	497	455	546	618	1650	1470	120	42	823	97	30	49
26	497	483	557	532	1530	1730	105	40	771	82	34	49
27	587	492	564	315	1600	1880	99	74	764	69	32	54
28	648	492	565	412	1630	1990	103	156	679	58	32	58
29	661	502	570	434	1800	2080	219	127	595	43	32	61
30	648	533	569	458	....	2030	331	145	570	40	34	57
31	611	....	563	516	....	1990	....	179	....	38	28	....
Mean	312	538	553	546	1252	1765	859	288	386	194	40	41
Max.	661	640	588	791	1860	2370	1950	1030	1000	595	79	67
Min.	109	414	503	315	566	1460	99	40	51	38	28	29
A.F.	19190	32030	33990	33600	72040	108600	51130	17730	23510	11900	2460	2440

Total acre-feet 408620.

*Not published in the Twenty-Seventh Biennial Report.

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT JULESBURG, COLORADO

Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	57	169	374	231	610	638	435	134	317	3240	73	176
2	58	169	364	212	640	603	482	114	296	2650	70	138
3	59	166	364	194	701	577	502	135	282	2080	70	138
4	57	171	359	180	619	570	514	103	285	1480	71	162
5	65	244	357	218	625	654	532	85	308	1220	82	154
6	71	239	357	265	640	537	534	78	310	1110	78	245
7	67	306	356	300	658	522	485	83	589	962	59	272
8	93	320	371	324	666	512	444	154	1760	823	58	286
9	97	336	365	330	674	513	452	185	2070	723	56	317
10	122	348	362	300	657	490	451	207	2410	639	79	364
11	142	353	386	314	703	480	455	228	3620	588	64	384
12	127	358	379	299	711	480	444	180	8610	526	54	424
13	136	362	362	354	738	475	443	160	11500	437	53	436
14	137	363	357	406	750	457	403	150	10300	404	54	459
15	144	364	353	483	680	434	393	144	9010	437	64	496
16	144	363	339	515	773	439	389	139	9130	379	63	463
17	155	365	341	552	876	424	375	136	9600	407	94	433
18	148	394	360	577	1010	418	364	140	11700	408	172	401
19	152	351	349	562	1120	405	358	154	16300	380	270	363
20	153	333	341	566	1380	401	353	213	15000	313	255	332
21	150	363	366	561	1430	392	346	393	12400	283	199	304
22	146	377	358	546	1400	315	344	433	11500	232	178	275
23	145	396	344	542	1310	320	290	473	11600	176	161	245
24	151	377	334	542	1150	365	239	515	11000	137	126	222
25	156	381	285	549	1010	294	187	480	10100	125	106	197
26	158	377	238	543	904	352	151	422	8490	111	97	187
27	152	362	284	554	787	429	133	368	6990	101	97	180
28	145	325	319	579	690	440	118	328	5930	97	94	159
29	138	340	226	591	....	483	105	325	4940	72	130	172
30	183	362	161	589	....	502	159	419	4110	72	114	163
31	180	....	202	602	....	436	....	428	....	73	133	....
Mean	126	326	353	432	855	460	363	242	6682	697	106	286
Max.	183	366	386	602	1430	638	524	515	16300	3240	270	496
Min.	57	158	161	150	610	294	105	78	282	72	53	138
A.F.	7750	19410	20460	26560	47490	28280	21580	14890	397600	41030	6500	17020

Total acre-feet 648570.

BUREAU OF IRRIGATION

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DISCHARGE IN SECOND-FEET
CONFLUENCE OF THE NORTH AND SOUTH PLATTE RIVERS AT NORTH PLATTE
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1649	1377	1436	1239	1482	2899	2187	1834	1876	7019	3510	1645
2	1631	1393	1244	1214	1512	2579	2474	2019	1764	5469	3769	1740
3	1536	1393	1279	1142	1511	2462	1878	1784	1870	4290	3656	1710
4	1635	1410	1146	845	1486	2243	2011	1707	1942	3352	3488	1717
5	1630	1384	1120	752	1443	2217	2346	1962	1804	2855	3448	1862
6	1765	1413	1273	742	1429	2118	2428	1899	1802	3344	3303	2289
7	1898	1388	1443	772	1472	2086	1833	1944	1966	2746	2841	2162
8	1860	1464	1451	946	1571	2220	1672	2209	1958	2324	3232	2158
9	1808	1495	1516	902	1574	2040	2044	2225	2128	2066	3148	2180
10	1728	1470	1753	898	1594	2049	2057	1939	2099	1979	3217	2213
11	1826	1347	1449	958	1604	2131	1777	1904	2202	2029	3388	1998
12	1736	1423	1613	1048	1759	2013	1778	1959	2273	2333	3550	2195
13	1627	1443	1577	1126	1703	1929	1864	1981	3521	2409	3398	2078
14	1539	1417	1656	1270	1608	1906	1862	2534	4771	2277	3019	1998
15	1362	1771	1606	1377	1622	1865	1867	1805	10833	2494	3085	1884
16	1285	1820	1663	1343	1711	2133	1821	1928	12417	2450	2791	1882
17	1370	1808	1655	1297	1509	1996	1698	2004	10725	2380	2353	1864
18	1572	1792	1596	1314	1682	1926	1842	1861	10011	2576	2273	1810
19	1590	1544	1597	1289	1959	1956	1848	1801	10596	2613	2111	1851
20	1567	1519	1492	1397	2052	1961	1794	1772	12709	2688	2025	1867
21	1386	1519	1295	1417	2148	2153	1922	1872	17440	2552	2043	1761
22	1337	1601	1270	1374	2291	2069	1845	1861	16981	2833	1957	1726
23	1330	1497	1451	1407	3276	1975	1792	1878	14669	2758	1926	1719
24	1340	1405	1281	1407	3759	2047	1725	1921	14121	2682	1772	1702
25	1529	1203	1245	1433	3667	2011	1848	1943	15194	2968	1677	1598
26	1396	1308	1156	1454	3606	2233	1859	1859	14738	3149	1273	1637
27	1341	1485	1406	1429	3365	2225	1931	1763	14261	3249	1667	1738
28	1327	1286	1441	1505	3249	2039	1721	1827	11745	3509	1552	1752
29	1429	1712	1287	1561	....	1941	1833	1861	10126	3733	1777	1804
30	1425	1401	1460	1515	....	1893	1810	1929	8721	3341	1750	1753
31	1373	....	1350	1500	....	1796	....	1928	....	3856	1698	....
Mean	1543	1481	1426	1222	2059	2100	1912	1927	7908	3044	2603	1878
Max.	1898	1820	1753	1561	3759	2899	2474	2534	17440	7019	3769	2289
Min.	1285	1203	1120	742	1429	1796	1672	1707	1764	1979	1273	1598
A.F.	94860	88120	87650	75120	114340	129150	113790	118500	470540	187150	160060	111730

Total acre-feet 1751040.

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER AT PAXTON
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	29	17	12	7	25	312	108	30	39	3990	15	84
2	26	11	11	6	30	150	34	21	47	2810	17	58
3	33	10	12	1	40	68	29	18	21	2000	11	95
4	36	10	15	2	50	52	30	16	18	1260	11	110
5	34	10	12	4	65	42	39	16	18	702	12	92
6	36	11	11	20	95	36	44	17	18	464	19	134
7	42	20	10	15	140	31	34	18	22	244	110	174
8	44	12	10	9	160	30	31	31	29	150	76	174
9	17	13	10	9	180	28	33	99	30	61	76	202
10	28	10	9	8	190	25	30	45	579	44	61	212
11	54	15	10	9	180	21	28	29	964	42	64	263
12	55	68	9	10	190	20	26	24	1530	37	63	283
13	17	183	9	9	180	20	26	26	3210	34	63	333
14	12	295	9	9	200	18	25	37	9460	31	61	369
15	10	312	9	10	230	15	24	29	9940	29	63	392
16	10	312	9	9	260	24	21	24	8520	28	61	396
17	9	150	9	9	320	19	20	24	8510	26	59	416
18	10	68	9	8	400	19	19	21	8310	24	59	396
19	9	55	8	9	390	19	19	19	9750	24	64	401
20	9	36	9	9	400	18	19	19	14700	22	85	396
21	9	30	8	9	430	17	18	24	16000	20	103	374
22	12	25	8	7	838	17	17	21	14500	19	127	356
23	9	22	8	6	1010	16	15	28	13500	19	132	333
24	8	30	7	7	1180	19	15	84	13500	18	80	252
25	8	26	8	9	1160	17	14	117	13200	16	57	248
26	8	20	7	9	1020	21	13	129	12600	16	59	189
27	8	16	7	10	729	39	15	112	11000	15	64	177
28	8	13	8	14	396	34	14	78	8590	14	63	209
29	13	12	10	17	....	33	13	42	7250	14	61	202
30	10	12	8	20	....	50	20	30	5580	14	63	190
31	10	....	7	20	....	139	....	25	....	13	90	....
Mean	20	61	9	10	374	44	26	40	6362	394	63	251
Max.	55	312	15	20	1160	312	108	129	16000	3990	132	410
Min.	8	10	7	1	25	15	13	16	18	13	11	84
A.F.	1230	3610	570	600	20760	2720	1570	2490	378600	24200	3880	14940

Total acre-feet 455170.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER AT NORTH PLATTE
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	110	128	152	95	130	782	306	163	180	5720	160	174
2	110	128	148	90	140	551	339	164	176	4110	147	185
3	113	132	140	40	150	478	295	164	180	2900	138	193
4	120	132	136	35	150	411	300	164	180	2060	129	207
5	120	136	140	45	160	333	361	168	188	1480	129	223
6	124	136	128	45	170	306	465	164	180	1380	120	270
7	116	128	128	75	180	245	417	188	204	854	138	270
8	120	128	108	95	180	236	334	245	204	540	142	286
9	132	128	178	70	200	250	322	308	214	411	142	298
10	132	124	176	75	250	240	317	285	192	344	147	323
11	128	132	140	75	250	232	295	255	350	295	156	332
12	132	136	132	100	260	232	270	236	991	295	152	354
13	144	200	132	110	230	204	260	232	1820	267	147	398
14	140	300	132	110	240	184	250	295	3110	260	152	434
15	136	440	160	120	280	172	238	280	9330	233	156	460
16	128	450	160	100	330	188	218	265	10900	214	165	466
17	128	441	160	75	350	184	218	306	9150	204	170	488
18	124	405	136	95	420	176	214	218	8440	187	176	493
19	124	344	132	100	460	188	192	204	9180	182	176	498
20	120	270	132	95	430	188	196	204	11000	182	176	504
21	116	204	124	80	470	214	200	265	15800	152	176	493
22	116	172	128	90	590	214	196	270	15500	152	176	471
23	116	172	120	120	1230	214	196	245	13900	153	176	439
24	120	176	120	95	1430	218	196	236	18100	154	176	393
25	120	184	120	90	1440	218	196	245	13700	155	165	359
26	120	188	85	110	1340	240	196	240	13400	156	165	332
27	120	176	116	110	1170	285	184	236	12800	154	156	314
28	120	176	116	110	991	285	176	236	10400	152	152	293
29	128	164	88	120	...	275	172	227	8810	160	160	274
30	128	156	100	120	...	306	172	214	7350	156	170	267
31	128	...	100	120	...	312	...	196	...	153	170	...
Mean	124	206	131	90	487	278	256	230	8364	768	157	350
Max.	144	450	176	120	1440	782	465	306	15800	5720	176	504
Min.	110	124	85	35	130	172	172	164	176	152	120	174
A.F.	7600	12270	8060	5560	27040	17080	15250	14120	378700	47240	9640	20820

Total acre-feet 563380.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT BRADY
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	109	133	175	380	180	2520	527	223	226	5290	1210	102
2	113	123	171	360	190	2130	667	202	195	3760	1380	105
3	107	128	151	260	200	1800	608	188	180	2960	1610	106
4	107	139	155	140	220	1600	449	173	200	1950	1610	145
5	103	135	150	160	220	1100	782	188	229	1350	1480	134
6	106	135	138	150	240	700	1500	197	248	1390	1410	181
7	115	135	150	160	250	475	1320	205	386	1220	1260	294
8	139	137	175	160	250	548	645	315	392	792	981	271
9	120	154	200	180	250	498	1489	491	338	550	1220	358
10	109	154	300	170	240	345	625	415	361	354	1190	401
11	111	151	500	170	240	290	526	293	408	254	1330	426
12	111	150	400	180	260	325	414	257	460	238	1430	289
13	105	148	317	200	330	267	357	262	516	424	1490	370
14	102	145	250	200	320	217	329	254	1500	506	1300	282
15	100	145	150	200	360	180	289	558	3510	414	998	233
16	98	145	143	190	380	264	267	330	8990	508	993	195
17	104	130	140	190	430	416	280	284	8600	467	927	162
18	104	110	140	190	450	373	243	255	7500	377	479	141
19	112	125	150	180	470	271	241	198	7410	596	463	127
20	115	150	150	160	560	281	247	194	8080	621	356	126
21	114	170	150	160	670	339	239	560	11500	639	319	123
22	114	196	140	160	870	497	230	812	14200	609	238	114
23	114	210	140	160	1360	411	224	555	14000	823	208	114
24	115	210	120	140	2040	326	218	405	11500	694	173	114
25	120	190	140	150	2340	339	200	342	11500	648	133	112
26	120	140	160	160	2250	390	192	294	11700	917	119	109
27	121	130	180	160	2360	914	189	257	11600	1060	113	109
28	127	190	170	140	2570	707	181	228	10700	1200	107	112
29	134	185	240	140	...	463	172	224	8940	1500	110	118
30	131	178	310	150	...	353	186	227	7570	1420	109	114
31	133	...	360	170	...	446	...	214	...	1190	103	...
Mean	114	152	200	183	732	638	427	309	5431	1121	802	186
Max.	139	210	500	380	2570	2520	1500	812	14200	5290	1610	426
Min.	96	110	120	140	180	160	172	173	180	238	103	102
A.F.	7000	9070	12330	11250	40660	39200	25420	19000	323180	68920	49290	11080

Total acre-feet 616400.

BUREAU OF IRRIGATION

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DISCHARGE IN SECOND-FEET, PLATTE RIVER AT COZAD
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	40	251	246	320	220	2660	548	328	177	6220	100	13
2	43	222	251	380	220	2480	725	332	160	4920	73	13
3	25	201	262	380	230	2330	927	298	190	2680	191	16
4	21	179	265	200	240	2220	890	269	210	2730	363	60
5	15	193	217	200	240	1550	987	250	250	1810	351	58
6	45	213	166	190	250	1080	2980	308	300	1230	238	142
7	41	205	163	190	260	872	2080	310	1150	1150	138	138
8	22	194	201	220	270	702	1540	479	900	903	59	107
9	35	191	236	220	280	745	955	631	705	638	101	77
10	43	206	222	200	300	654	867	642	548	432	86	97
11	86	233	310	200	310	492	959	499	465	232	49	135
12	128	217	580	200	330	467	781	378	427	107	89	143
13	73	214	407	220	300	475	674	327	416	109	142	80
14	79	231	336	230	340	448	574	322	525	154	172	129
15	168	228	270	260	340	295	494	338	1200	106	60	205
16	202	225	241	260	370	355	432	673	3240	28	44	162
17	180	225	235	260	430	437	394	531	8200	28	289	123
18	167	238	213	240	490	480	383	410	7810	19	440	118
19	147	200	218	220	520	490	370	402	7030	22	291	114
20	141	187	227	230	510	421	367	349	6950	70	226	109
21	145	216	263	230	770	527	362	801	8040	27	101	109
22	151	270	269	230	1000	551	356	1270	10700	25	25	128
23	155	298	210	230	1380	581	351	1140	13400	23	19	122
24	165	321	187	230	1710	503	344	716	12800	40	17	131
25	183	321	163	220	2820	437	328	483	11500	19	17	159
26	207	325	185	220	3030	536	325	360	11400	20	15	161
27	197	239	190	220	2930	759	315	303	11600	21	16	146
28	226	212	190	220	3000	967	281	272	11500	19	16	169
29	220	196	200	220	....	832	277	250	9950	86	15	160
30	236	264	200	220	....	641	290	245	7700	294	16	198
31	242	....	240	220	....	333	....	220	....	171	14	....
Mean	123	252	244	235	825	849	705	456	4981	817	121	117
Max.	242	325	530	380	3030	2660	2980	1370	13400	6220	440	205
Min.	15	179	163	190	220	295	277	220	160	19	14	13
A. F.	7590	13810	15010	14440	45800	52200	41960	28040	296420	50240	7440	6990

Total acre-feet 579940.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT OVERTON
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	856	1300	1820	950	1370	3900	2580	1600	1440	8470	674	145
2	593	1400	1600	1070	1430	3670	2680	1630	1220	6750	728	140
3	593	1330	1500	1370	1550	3550	2250	1660	1090	5100	688	364
4	782	1410	1400	1170	1550	3560	2710	1770	1220	3710	728	346
5	625	1530	1240	950	1310	3640	2510	1770	1170	3490	788	210
6	708	978	1240	820	1130	3000	2920	1910	1410	3180	772	489
7	708	896	1600	880	1150	2510	3220	1790	3080	2480	489	674
8	782	1180	1630	860	1340	3000	3800	1820	2900	2260	688	714
9	374	1380	1530	850	1340	2780	3250	2120	2690	1800	854	838
10	400	1340	1450	850	1460	2640	2680	2000	2480	1020	728	977
11	560	1400	1790	830	1510	2440	2510	2180	2340	996	688	1050
12	674	1480	727	810	1380	2310	2280	2250	2010	1110	701	1220
13	746	1330	936	790	1350	1880	2640	2380	1850	977	560	1390
14	674	1170	1170	840	1450	2090	2470	2250	2030	620	414	1340
15	764	1360	1020	980	1270	2090	2470	1740	2010	958	435	1480
16	838	1450	896	830	1330	2250	2980	1850	2400	1980	355	1680
17	957	1450	1040	970	1390	2220	2310	2150	3400	196	346	1460
18	838	1580	1010	1120	1470	2120	2220	2090	3310	1130	478	821
19	856	2440	1110	1060	1540	2090	2410	1740	8470	1130	548	1170
20	782	3220	1400	1080	1460	1480	2340	1880	8270	1130	512	1170
21	978	2470	1450	1130	1560	1880	2150	1850	8030	977	435	1150
22	1280	2030	1400	1180	1870	2610	2030	1940	9070	854	660	1020
23	1170	1770	1790	1020	2090	2610	2120	2580	12100	1170	701	996
24	957	1740	1690	1050	2330	2710	1120	2640	14700	674	674	838
25	1120	1630	1150	1250	2540	2310	1910	2580	13400	920	608	478
26	1450	1500	1300	990	2760	3140	1940	2440	12200	887	560	996
27	1260	1400	1300	1000	3790	3030	2030	2250	12300	596	446	1030
28	1530	1710	1500	940	3900	3000	1680	2220	12600	572	238	939
29	1500	1940	580	1030	....	3250	1580	1550	12300	596	269	838
30	1240	1940	1120	1170	....	3330	1970	1350	10700	489	318	647
31	1020	....	1100	1310	....	2850	....	1430	....	457	185	....
Mean	891	1591	1308	1005	1736	2708	2389	1981	5906	1825	557	887
Max.	1530	3220	1820	1370	3900	3900	3800	2640	14700	8470	854	1680
Min.	374	896	580	790	1130	1480	1120	1350	1090	457	185	140
A. F.	54770	94680	80410	61790	96440	166490	142160	121800	351450	112240	34250	52780

Total acre-feet 1369260.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT ODESSA
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	402	1060	2000	1200	1310	4980	2780	1830	1260	10000	204	109
2	548	1400	1540	1000	1320	5040	2740	1230	995	7640	456	88
3	416	1280	1300	1290	1320	4910	2650	1620	976	5540	245	88
4	416	1280	1440	1030	1310	4840	2520	1620	976	3550	245	402
5	548	1640	1210	990	1330	4300	2710	1800	1040	2780	267	233
6	456	956	1200	870	1240	3850	2910	1990	917	3440	301	312
7	486	578	1530	760	990	3260	3150	1830	3260	3080	301	376
8	516	594	1730	750	1130	3120	3670	2400	6110	2520	109	548
9	678	976	1730	800	1230	3050	3710	1960	4020	2310	301	594
10	501	898	1490	940	1280	3010	3260	2050	3150	1620	376	748
11	486	917	1550	1020	1470	3080	2400	2370	2580	917	324	1370
12	625	1060	1480	970	1540	2980	2280	2370	2460	1150	348	1440
13	748	1040	780	910	1550	2710	2220	2490	2070	1370	486	1350
14	858	1150	1240	800	1520	2190	2550	2310	2240	898	233	1120
15	765	1100	1030	890	1830	1780	1910	1910	2070	898	148	1280
16	858	1330	910	870	1700	2160	2190	1640	2130	1190	148	1210
17	782	976	1090	780	1690	2470	2100	1930	2780	1060	176	1040
18	730	1260	1080	960	1610	2570	1470	2050	5380	748	194	878
19	730	1300	1220	1010	1650	2550	1700	1750	9020	956	278	376
20	695	2500	1300	1000	1690	1880	1880	1930	7690	820	348	642
21	678	3500	1500	1080	1540	1400	2050	2280	7330	820	312	678
22	956	2700	1550	1100	2170	2430	2020	2160	7300	456	278	625
23	995	2310	1490	1200	2600	2460	1910	2490	9420	470	389	678
24	956	1800	1850	1100	3320	2620	1910	2980	13400	839	430	678
25	782	1700	1800	1200	3580	2130	878	2780	14100	324	456	516
26	1100	1500	1400	1560	4030	3220	1910	2490	12400	642	416	301
27	1330	1400	1400	1370	4310	2980	1910	2280	11600	548	376	730
28	1040	1500	1400	1190	4560	2710	1770	2240	12300	256	233	712
29	1170	1800	1400	1060	.....	3150	1330	1910	12700	362	139	625
30	1300	2000	700	1040	.....	3630	1770	917	11900	312	204	516
31	1040	.....	980	1110	.....	3080	.....	898	.....	278	148	.....
Mean	761	1448	1365	1027	1957	3050	2275	2016	5976	1864	286	675
Max.	1330	3500	2000	1560	4560	5040	3710	2980	14100	10000	486	1440
Min.	402	578	700	750	990	1400	878	898	917	256	109	88
A.F.	46790	86190	83940	63130	105690	187520	135390	123980	356000	114630	17590	40190

Total acre-feet 1363640.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT GRAND ISLAND
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	126	1010	1900	830	780	5600	3560	1780	1160	10700	293	136
2	224	933	1900	1000	800	6300	3070	2050	1450	8970	253	73
3	312	1050	1900	1200	830	6700	2840	1520	1480	7060	175	39
4	466	1200	1700	1000	890	7100	2770	1480	1160	5630	253	87
5	466	1270	1600	660	930	6800	2520	1570	1180	4150	199	131
6	451	1160	1400	710	970	6200	2870	2650	1270	3170	175	348
7	495	1010	1200	910	1000	6100	2770	2580	2460	3490	175	510
8	495	699	900	970	1100	4000	3070	3140	6140	3000	175	386
9	525	699	1200	860	1000	2900	3630	3700	9540	2520	208	451
10	425	785	1200	760	920	3000	4470	2770	6870	1960	150	599
11	412	1050	1200	650	1100	2900	3920	2490	4630	1650	216	1100
12	302	993	1100	730	1200	2700	2800	2250	3380	1290	263	1100
13	273	993	1100	830	1200	2700	2490	2340	2900	1030	273	1550
14	322	1080	1100	870	1300	2600	3070	2340	2400	1310	312	1550
15	386	1080	910	910	1400	1900	3740	2520	2080	1140	632	1380
16	412	952	890	790	1400	1300	2970	2460	2100	785	374	1250
17	386	952	880	660	1500	2000	2650	2080	1940	766	199	1080
18	481	930	890	620	1500	3500	2580	2310	2340	803	253	1140
19	525	940	1000	480	1600	5270	2080	2460	3670	749	263	1050
20	569	630	1300	550	1700	5630	2080	2370	7880	666	224	933
21	599	500	1200	680	1700	4270	2310	2710	7880	822	234	616
22	649	450	1400	750	1800	2310	2250	2940	7310	733	273	716
23	649	1600	1700	750	1800	2280	2050	2710	7210	666	234	716
24	859	2800	1500	760	2100	2490	1940	2770	8370	540	183	716
25	840	2300	1100	790	2800	2400	1960	2840	12100	451	183	666
26	785	2400	1100	650	3500	2620	1480	2740	13500	569	244	666
27	716	1900	1200	690	4000	3170	1570	2460	11900	481	412	555
28	915	1600	1400	770	4800	3490	1800	2220	10900	525	412	386
29	1120	1400	1200	800	.....	3070	1720	2080	11500	481	335	540
30	1030	1700	1100	810	.....	3700	1550	1990	11400	374	234	555
31	1140	.....	1000	780	.....	4720	.....	1550	.....	348	167	.....
Mean	560	1202	1264	781	1629	3830	2619	2383	5587	2156	257	701
Max.	1140	2800	1900	1200	4800	7100	4470	3700	13500	10700	632	1550
Min.	126	450	880	430	780	1300	1480	1480	1160	348	150	39
A.F.	34420	71540	77690	48040	90490	235500	159900	146500	332400	132600	15820	41700

Total acre-feet 1382600.

BUREAU OF IRRIGATION

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DISCHARGE IN SECOND-FEET, PLATTE RIVER AT DUNCAN
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	64	966	1410	910	540	4600	5870	2430	2180	11500	350	208
2	47	1040	1870	890	540	5300	5000	2520	2040	11100	304	156
3	42	926	1870	880	530	5900	4400	2560	1750	9780	279	118
4	40	899	1920	950	580	6400	3970	2470	1940	9790	225	192
5	47	1100	1850	910	580	6800	3710	2140	1870	6360	160	136
6	118	1180	1620	800	590	7300	3280	2520	1830	5040	141	243
7	138	1180	1360	670	590	7300	3280	2860	2100	3800	146	358
8	203	1190	1150	650	630	7300	3280	3350	3050	3910	118	580
9	237	966	770	620	640	4400	3520	4150	5840	3710	110	530
10	261	782	1200	580	660	3000	4120	4330	10900	3050	106	732
11	279	709	1300	550	680	2500	4710	3850	8180	2500	146	732
12	261	820	1400	550	690	2400	4400	3350	7010	2100	114	782
13	311	940	1600	700	700	2200	3620	3070	6550	1870	114	1010
14	279	940	1400	700	740	1900	3570	2980	5840	1530	600	1130
15	255	1020	1300	700	830	1500	4180	2740	5240	1270	285	1480
16	255	1020	1500	700	870	1500	4580	2830	4210	1410	318	1440
17	311	1100	1300	750	890	4000	4030	2720	3770	1120	510	1230
18	358	912	1100	790	1000	8000	3680	2560	3410	899	395	1120
19	380	900	1100	800	1100	9400	3520	2470	3460	912	442	1070
20	425	900	1000	570	1100	8620	3020	2860	4120	940	434	1080
21	502	900	870	520	1200	5340	2470	3380	7670	795	292	995
22	550	800	830	520	1200	4580	2630	3200	8530	770	225	687
23	540	700	930	550	1400	3460	2580	3490	7800	832	198	580
24	530	500	1400	570	1600	2880	2430	3250	7500	720	192	665
25	550	2390	1100	550	1800	3100	2180	3150	8440	600	160	698
26	632	3000	1100	540	2100	3150	2080	3200	11000	520	127	632
27	665	2520	1000	540	2700	3600	2200	3250	12400	610	304	621
28	643	2300	1000	520	3600	3650	1750	2900	11400	560	318	550
29	770	1850	990	460	....	4030	2180	2580	11100	520	365	468
30	926	1620	990	430	....	4240	2290	2220	11400	580	324	395
31	872	....	980	530	....	5070	....	2240	....	520	279	....
Mean	372	1201	1265	653	1074	4626	3417	2959	6079	2832	261	687
Max.	926	3000	1920	950	3600	9400	5870	4330	12400	11500	600	1480
Min.	40	500	770	460	530	1500	1750	2140	1680	520	106	118
A.F.	22890	71480	77770	40170	59660	284500	203300	181900	361700	174100	16030	40900

Total acre-feet 1534400.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT ASHLAND
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2570	3600	4860	2500	3850	6200	18000	5780	10000	17600	2120	2360
2	2450	3570	4820	2550	4050	8000	16700	5440	17900	16700	2010	2380
3	1950	3660	4480	2600	4050	9850	15600	5820	24900	17700	1970	2230
4	2060	3870	4970	3150	4250	14800	14600	5970	20500	15500	2040	2160
5	1830	4280	5290	3200	4200	22400	12800	6090	16400	12700	1810	2180
6	2080	4060	4940	2850	4200	37500	12700	5740	11000	10500	1790	2080
7	2250	4520	3350	3050	4100	40600	12700	6010	9420	9220	1810	2570
8	2270	4590	2500	3550	4100	43400	13400	6740	8880	7720	1680	2820
9	2320	4250	2100	3000	4250	42800	14300	8120	13500	7450	1460	5400
10	2120	3930	2500	2550	4100	30000	16100	7900	14900	7450	1590	4940
11	2520	3780	2700	2650	4150	28200	16800	9020	18800	7030	1390	4660
12	2520	3130	3000	2900	4000	22800	17800	8400	16400	6490	1340	8630
13	2430	3320	2300	2950	3950	21000	17800	7630	14500	6010	1310	6820
14	2290	3550	2550	3000	4000	19600	16600	6940	13600	5550	1390	4620
15	2290	3690	2600	3150	3750	15500	15500	6610	13800	5370	1740	4380
16	2410	3290	3100	2350	4050	13500	15500	6700	13100	4720	2670	4450
17	2340	3570	2950	2300	4200	9050	14600	6650	11100	4150	3100	4660
18	2640	3550	3450	2400	4500	9000	13100	7190	10500	3990	3190	4450
19	2380	4520	3650	2550	4400	9600	12500	7720	8890	3490	3520	4080
20	2700	3450	4000	2600	4550	11700	11900	7410	6070	3380	3490	3490
21	2370	1870	4350	2500	4500	21500	10300	7940	9840	3190	4280	3680
22	2840	1450	4250	2550	4550	27600	9350	13000	11600	3130	4420	3810
23	2770	1650	4250	2650	4750	19800	8700	13600	14600	2950	3490	3460
24	2740	1660	4150	2600	4850	15900	8080	13800	13800	2600	3160	3240
25	2820	1910	2850	2550	5050	15700	7320	13600	12400	3050	2770	2870
26	2720	3820	2400	3050	5150	15400	7110	13300	12500	2600	2430	3050
27	2740	7850	2950	3300	5400	15400	6530	11900	14100	5970	2450	2840
28	2700	7110	2950	3250	5650	15400	6010	11800	16100	2980	2360	2870
29	2900	5860	2600	3750	....	17000	5820	11400	16400	3160	2360	2720
30	3570	5590	2450	3600	....	16600	5400	10400	16800	3100	2120	2720
31	3240	....	2500	3700	....	16600	....	10200	....	2210	2450	....
Mean	2527	3833	3407	2882	4380	19760	12430	8672	13880	6699	2378	3688
Max.	3570	7850	5290	3750	5650	43400	18000	13800	24900	17700	4420	8630
Min.	1830	1460	2100	2300	3750	6200	5400	5440	8880	2210	1310	2080
A.F.	155400	228100	209500	177200	243300	1215000	739700	533200	825700	411900	146200	219500

Total acre-feet 5104700.

REPORT OF THE STATE ENGINEER

CONTENTS IN ACRE-FEET, SEMINOLE STORAGE RESERVOIR

Water Year Ending September 30, 1950

Table with 13 columns (Day, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept.) and 31 rows of data representing acre-feet for the Seminole Storage Reservoir.

Record furnished by the United States Bureau of Reclamation.

CONTENTS IN ACRE-FEET, PATHFINDER STORAGE RESERVOIR

Water Year Ending September 30, 1950

Table with 13 columns (Day, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept.) and 31 rows of data representing acre-feet for the Pathfinder Storage Reservoir.

Record furnished by the United States Bureau of Reclamation.

BUREAU OF IRRIGATION

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CONTENTS IN ACRE-FEET, ALCOVA STORAGE RESERVOIR
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	157230	156860	156240	155320	155060	154910	154800	179370	184740	186040	182600	182790
2	157210	156840	156200	155320	155040	154910	154840	179460	183410	186040	182740	183120
3	157190	156820	156160	155320	155040	154910	154810	179630	179510	182930	184980	182980
4	157190	156790	156110	155320	155040	154910	154810	179320	183080	183100	183170	183270
5	157190	156770	156070	155320	155020	154890	154890	179300	183650	181980	183200	183150
6	157170	156770	156020	155320	155020	154910	154820	179230	184570	181980	183170	182980
7	157230	156770	155980	155320	155020	154930	154930	172260	179440	185900	182010	182530
8	157230	156750	155940	155350	155020	154930	154930	175210	179680	187500	181770	181910
9	157280	156730	155940	155350	155000	154930	154930	177440	179820	188520	181480	181460
10	157230	156710	155910	155320	155000	154910	154830	179870	179870	188040	181360	181240
11	157190	156680	155910	155300	155000	154890	154890	178310	179960	187190	181410	181220
12	157150	156660	155870	155280	155000	154870	154870	178280	182340	186430	181440	181200
13	157190	156640	155830	155260	155000	154870	154870	178280	185410	185630	181550	181100
14	157190	156620	155780	155240	155000	154870	154870	178280	186670	184570	181600	181240
15	157170	156600	155740	155220	155000	154840	154840	178280	186890	183320	181580	181200
16	157150	156550	155720	155220	154980	154820	154820	178240	187160	185100	181550	181170
17	157150	156550	155670	155190	154980	154840	154840	178190	187380	185060	181600	181440
18	157120	156530	155650	155170	154980	154870	154870	178160	187550	180290	181700	181820
19	157100	156530	155650	155150	154950	154890	154890	178090	187320	180580	181960	182170
20	157080	156510	155650	155130	154930	154890	154890	178070	188040	180600	182170	182480
21	157060	156490	155630	155110	154930	154890	154890	178120	188280	180580	182360	182580
22	157040	156460	155590	155090	154930	154870	154870	178310	188010	180560	182550	182480
23	156990	156440	155560	155110	154910	154840	154840	178590	186600	180200	182670	182360
24	156970	156440	155540	155110	154910	154840	154840	178660	185240	180340	182740	182290
25	156970	156420	155500	155110	154910	154840	154840	178640	184670	180940	182890	182130
26	156950	156400	155450	155110	154910	154840	154840	178590	184230	181170	182980	182170
27	156930	156380	155430	155110	154910	154840	154840	178590	183940	182270	182720	182240
28	156930	156350	155390	155110	154910	154840	154840	178830	184590	184090	182460	182240
29	156930	156330	155370	155080	.....	154840	179040	186140	185320	182360	182270	173270
30	156900	156290	155350	155080	.....	154800	179180	187600	185670	182360	182260	173180
31	156880	.....	155350	155060	.....	154800	.....	186700	.....	182390	182510	.....

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF ALCOVA RESERVOIR
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	6	6	6	6	6	6	530	1930	5290	5020	4090
2	6	6	6	6	6	6	6	525	1910	5350	5020	4130
3	6	6	6	6	6	6	6	530	1900	5350	5230	4160
4	6	6	6	6	6	6	6	690	1900	5310	5370	4340
5	6	6	6	6	6	6	6	732	1900	5330	5350	4510
6	6	6	6	6	6	6	6	510	1900	5100	5350	4560
7	6	6	6	6	6	6	6	292	1930	4830	5310	4580
8	6	6	6	6	6	6	6	138	1940	4850	5310	4470
9	6	6	6	6	6	6	6	125	2330	4850	5060	4090
10	6	6	6	6	6	6	6	125	3060	4850	4940	3890
11	6	6	6	6	6	6	6	125	3860	4830	4920	3590
12	6	6	6	6	6	6	6	105	4490	4830	4920	3240
13	6	6	6	6	6	6	6	332	4700	4810	4590	2560
14	6	6	6	6	6	6	6	976	4680	4750	4070	1650
15	6	6	6	6	6	6	6	2440	4940	4770	3400	1350
16	6	6	6	6	6	6	6	2660	5080	4790	3790	1340
17	6	6	6	6	6	6	6	2660	5350	4320	4870	1020
18	6	6	6	6	6	6	6	2660	5470	3600	4770	857
19	6	6	6	6	6	6	6	2660	4980	3300	4750	606
20	6	6	6	6	6	6	6	2660	4250	3100	4750	135
21	6	6	6	6	6	6	177	2660	5540	3400	4580	55
22	6	6	6	6	6	6	510	2990	3470	4320	4490	24
23	6	6	6	6	6	6	510	3590	3950	5000	4490	6
24	6	6	6	6	6	6	732	4320	4430	5650	4510	6
25	6	6	6	6	6	6	1280	3660	4620	5910	4510	6
26	6	6	6	6	6	6	1550	3060	4780	5210	3880	6
27	6	6	6	6	6	6	3110	3060	4910	4600	3670	6
28	6	6	6	6	6	6	1100	2660	4960	4410	3710	6
29	6	6	6	6	6	6	530	2350	5060	4400	3720	6
30	6	6	6	6	6	6	530	1930	5230	4350	3760	6
31	6	6	6	6	6	6	6	1940	.....	4740	3680	.....
Mean	6	6	6	6	6	6	303	1730	3780	4720	4560	1980
Max.	6	6	6	6	6	6	2110	4320	5470	5910	5870	4580
Min.	6	6	6	6	6	6	6	105	1900	3100	3400	6
A.F.	370	360	370	370	330	370	17910	106500	225030	290050	281730	117610

Total acre-feet 1041000.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
INFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	903	259	209	212	157	273	211	1770	2880	4830	4160	3710
2	688	228	216	191	146	282	205	1170	2410	4920	4430	3750
3	516	281	184	236	133	274	286	983	2490	5170	4800	3970
4	614	238	165	156	151	248	193	1020	2560	5290	4840	3960
5	468	263	180	178	309	280	205	1040	2580	5370	4950	3940
6	424	233	192	81	89	308	309	1110	2470	5340	5210	4040
7	440	287	109	106	184	161	151	1390	2310	5170	5190	4250
8	258	251	105	163	141	164	504	1780	2320	5060	5160	4270
9	574	193	137	211	209	193	316	1520	2260	4670	5160	4450
10	358	291	173	145	199	275	716	1310	2330	4660	5190	4370
11	368	229	57	130	202	105	682	1140	2330	4750	5000	4290
12	295	211	56	214	207	147	696	941	2800	4630	4910	3930
13	263	229	87	160	225	108	576	852	3470	4610	4940	3730
14	309	217	165	118	192	126	513	789	4080	4670	4890	3560
15	346	220	138	102	216	229	537	818	4370	4600	4660	3190
16	309	213	132	164	240	192	547	929	4290	4570	4050	2710
17	327	245	117	218	238	268	828	2010	4570	4570	3620	2110
18	325	219	102	157	228	167	698	3300	5340	4620	3670	1820
19	356	244	238	154	243	288	632	3460	5720	4350	4220	1750
20	376	192	144	159	309	239	669	3480	5560	3580	4730	1610
21	336	235	143	200	278	261	643	3430	5170	3290	4780	1480
22	317	195	168	143	214	254	509	3420	4340	2980	4760	1440
23	294	305	123	233	280	180	533	3200	3640	2940	4650	1240
24	337	162	200	220	287	75	485	3240	3420	4200	4480	968
25	296	238	154	252	333	143	463	3900	3550	5400	4500	716
26	300	261	161	204	379	258	729	4590	4100	5730	4570	636
27	270	182	177	244	430	167	508	4420	4340	5980	4510	532
28	293	256	160	140	296	175	1320	3320	4450	5350	4190	515
29	264	188	210	147	....	150	2080	3730	4610	4670	3810	335
30	269	244	154	124	....	195	2150	3520	4660	4390	3700	430
31	270	....	142	135	....	162	....	2910	....	4290	3820	....
Mean	380	234	152	171	233	205	640	2290	3647	4666	4567	2595
Max.	903	305	238	252	430	308	2150	4590	5720	5980	5210	4450
Min.	258	162	56	81	89	75	151	789	2260	2940	3620	365
A.F.	23330	13900	9320	10510	12920	12590	38070	140810	217040	286910	280820	154440

Total acre-feet 1200660.

CONTENTS IN ACRE-FEET, GUERNSEY STORAGE RESERVOIR
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	36580	37130	44140	45160	45830	47020	29030	20370	47820	24970	25210	30250
2	35750	37510	44100	45340	45780	46830	28040	20610	49340	24880	24470	27970
3	34580	37990	44030	45390	45690	46620	27210	20510	49590	25260	24330	27980
4	33590	38400	43910	45250	45530	46460	26210	20530	48910	26040	24290	26900
5	32300	38880	43730	45230	44920	46360	25220	20590	47780	27220	24520	25770
6	30920	39300	43620	45200	44550	46200	24450	21030	46360	28670	25280	24930
7	29640	39750	43460	45270	44550	45760	23350	22250	44480	30010	26100	24620
8	27930	40080	43320	45460	44510	45320	22010	24400	42180	31060	26990	24570
9	26840	40350	43250	45500	44550	44890	22290	26480	39300	31180	27750	25170
10	26010	40750	43210	45390	44670	44650	21880	28360	36130	31230	28540	26080
11	25860	41040	43070	45300	44780	43960	21850	29970	32260	31230	29030	27170
12	26300	41290	42880	45250	44920	43300	21820	30900	28670	30750	29850	25440
13	26770	41290	42770	45230	44920	42840	21580	31160	29500	30090	30330	29820
14	27330	41550	42770	45250	44970	42750	21240	31160	24110	29430	33610	31160
15	27950	41820	42770	45410	45060	42910	20910	30740	22940	28520	36620	31990
16	28500	42070	42800	45320	45200	43050	20610	29700	21670	27720	36410	32440
17	29050	42360	42910	45340	45430	43370	20810	29050	21090	26840	34170	32240
18	29600	42610	43070	45340	45600	43660	20660	29540	22370	26170	31990	31830
19	30250	42980	43210	45340	45510	44190	20170	29780	24590	25050	30960	31310
20	30940	43320	43160	45270	46130	44320	19760	29620	27060	22490	31040	30760
21	31550	43620	43210	45290	46320	43870	19280	29500	29280	19490	31250	30150
22	32140	43840	43340	45410	46390	43230	18330	28970	29910	16080	31450	29820
23	32680	44000	43340	45570	46570	42050	17270	27520	29200	13030	31430	29470
24	33270	44280	43680	45710	46690	40330	16150	25600	27910	12730	31080	28970
25	33780	44460	43840	45810	46900	38730	14980	26010	26550	15140	30980	28120
26	34320	44410	44050	45920	47210	37390	14370	28520	26020	18530	32160	27130
27	34770	44550	44230	46080	47350	35790	13890	31790	25830	22520	33290	25930
28	35270	44460	44370	46040	47210	34300	14520	34960	25620	25240	33780	24760
29	35750	44280	44660	46010	....	32840	16700	38070	25480	26390	33490	23300
30	36240	44210	44740	45920	....	31470	18930	41470	25220	26570	32840	21940
31	36700	....	44900	45850	....	30050	....	44470	....	26110	31670	....

Record furnished by the United States Bureau of Reclamation.

BUREAU OF IRRIGATION

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DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1090	42	244	81	167	369	725	1040	1160	4940	4600	4410
2	1090	36	236	100	171	378	704	1030	1640	4960	4790	4410
3	1090	39	219	211	178	380	704	1030	2350	4960	4860	4450
4	1100	31	225	226	232	329	697	1010	2880	4880	4850	4480
5	1100	21	271	188	617	330	704	999	3130	4770	4850	4480
6	1120	21	247	96	275	389	697	886	3150	4600	4810	4450
7	1090	60	190	71	184	383	690	774	3230	4480	4750	4390
8	1120	85	175	67	161	386	690	690	3450	4520	4690	4280
9	1120	57	172	191	189	363	684	466	3690	4600	4750	4140
10	762	89	193	200	139	446	918	350	3910	4620	4790	3910
11	434	83	127	175	147	453	697	310	4250	4730	4750	3740
12	60	85	162	239	137	480	711	455	4580	4830	4730	3330
13	22	229	132	170	125	340	697	704	4850	4940	4430	3070
14	22	86	165	108	167	171	684	781	4060	4980	3210	2850
15	22	84	138	21	171	148	697	1020	4940	4540	3130	2760
16	22	87	117	209	169	121	690	1440	4920	4960	4140	2480
17	44	99	62	208	122	107	704	2320	4850	5000	4730	2200
18	38	93	21	157	142	21	767	3020	4690	4940	4750	2010
19	28	57	168	154	137	21	870	3320	4600	4900	4730	2000
20	28	21	169	194	148	173	870	3540	4500	4850	4680	1890
21	28	84	118	190	182	488	870	3470	4050	4790	4660	1790
22	22	84	102	83	179	576	874	3660	4000	4690	4840	1800
23	22	224	78	152	189	774	1050	3910	3980	4470	4640	1410
24	40	21	74	150	227	842	1040	4210	4050	4350	4640	1210
25	39	147	73	202	227	950	1040	3690	4210	4170	4540	1130
26	28	286	55	149	223	934	1030	3320	4350	4010	3960	1120
27	43	111	86	163	360	974	1050	2760	4410	3960	3930	1130
28	41	301	90	160	366	926	999	2210	4540	3960	3930	1100
29	22	279	94	162	...	886	982	2140	4660	4070	3940	1100
30	22	279	83	169	...	886	1020	1790	4770	4280	4010	1110
31	38	...	61	170	...	878	...	1380	...	4500	4390	...
Mean	.379	107	140	155	208	454	822	1860	3951	4637	4461	2749
Max.	1120	301	271	239	617	974	1050	4210	4960	5040	4860	4480
Min.	22	21	21	21	122	21	684	310	1160	3960	3130	1100
A.F.	23280	6390	8620	9550	11570	29760	48900	114500	235100	285130	274320	163560

Total acre-feet 1210680.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT WYOMING-NEBRASKA STATE LINE
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	598	536	590	487	440	566	334	209	431	1030	910	710
2	598	529	590	480	460	614	322	204	368	1100	960	808
3	614	515	590	192	480	630	312	214	374	1220	1030	862
4	606	515	606	400	560	646	312	209	550	1420	1070	910
5	574	501	614	470	598	654	306	218	766	1450	1090	930
6	582	487	622	520	622	614	312	260	960	1450	1100	990
7	638	480	622	570	734	606	328	290	1090	1340	1050	1000
8	582	473	622	570	686	630	317	285	1020	1180	1020	980
9	558	473	582	560	630	646	328	312	960	1170	950	980
10	558	480	582	550	606	646	339	317	910	1180	960	990
11	566	480	450	560	598	662	322	322	853	1170	970	940
12	558	480	475	590	558	598	328	312	980	1140	980	930
13	566	466	490	600	550	646	312	300	1060	1170	980	750
14	566	487	522	520	550	670	280	260	1100	1230	990	710
15	558	543	487	430	566	622	265	255	1240	1270	1020	702
16	536	494	487	470	558	574	250	204	1320	1280	960	782
17	515	473	494	450	550	550	250	184	1330	1240	844	890
18	550	452	487	460	543	508	245	240	1280	1290	900	790
19	590	398	452	470	536	480	245	598	1220	1050	960	670
20	590	404	431	490	550	424	236	960	1200	1020	1000	835
21	558	398	430	760	543	398	265	1240	1120	1010	1000	1000
22	558	403	450	750	529	380	255	1210	1040	1030	1010	940
23	558	424	470	710	536	368	245	1040	990	1150	1020	871
24	558	438	459	670	543	350	227	1050	950	1000	1030	782
25	558	431	450	620	543	339	218	1110	880	817	1040	734
26	543	452	452	610	536	339	124	1000	1020	766	766	734
27	543	452	452	610	536	339	124	1000	1020	766	766	734
28	550	508	424	598	543	322	122	920	970	750	606	742
29	529	543	445	410	...	339	142	590	970	742	550	734
30	536	606	473	420	...	339	154	487	970	808	522	694
31	522	...	473	420	...	328	...	473	...	910	515	...
Mean	565	478	509	530	560	510	263	532	961	1110	930	838
Max.	638	606	622	760	734	670	339	1240	1330	1450	1100	1000
Min.	515	398	424	192	440	322	122	184	368	742	515	670
A.F.	34740	28490	31300	32580	31120	31380	15680	32710	57190	68240	57190	49360

Total acre-feet 470450.

DISCHARGE IN SECOND-FEET,
NORTH PLATTE RIVER BELOW
TRI-STATE DAM

Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	56	12	36	24	19
2	73	14	50	24	19
3	72	16	118	22	22
4	41	22	233	24	20
5	39	31	293	48	20
6	54	57	283	71	38
7	97	99	189	62	57
8	116	84	97	47	62
9	108	40	63	24	92
10	85	42	50	24	103
11	24	23	22	32	124
12	14	22	19	38	113
13	12	22	22	35	33
14	12	22	45	47	45
15	12	51	62	52	62
16	12	14	73	42	59
17	10	14	59	19	177
18	11	25	90	18	137
19	16	157	59	24	60
20	57	169	46	35	160
21	222	141	92	22	505
22	211	89	162	22	486
23	89	42	254	22	336
24	42	29	328	22	213
25	99	24	300	95	177
26	97	31	110	678	143
27	67	49	44	411	147
28	58	28	26	19	195
29	29	29	24	19	362
30	21	29	26	19	521
31	12	..	24	19	..
Mean	60	48	106	66	150
Max.	222	169	328	678	521
Min.	10	12	19	18	19
A.F.	3710	2830	6540	4090	8940

Total acre-feet for 5 month period
26110.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT MITCHELL

Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	695	816	828	711	668	777	541	269	294	258	432	311
2	922	816	810	700	682	799	536	255	253	272	424	318
3	935	782	810	596	662	822	536	262	283	341	381	318
4	922	766	810	531	673	840	536	235	266	473	337	314
5	902	750	840	546	728	852	531	213	235	491	344	297
6	909	750	828	571	744	822	531	222	252	621	393	290
7	954	744	870	586	864	804	526	283	385	571	364	318
8	935	750	870	641	890	794	521	385	385	487	325	322
9	902	766	870	673	828	834	541	381	258	424	290	360
10	922	788	858	651	794	834	596	381	245	424	276	432
11	942	794	755	651	782	816	586	304	242	356	286	473
12	922	810	662	684	760	810	556	225	245	329	304	581
13	902	822	716	684	728	794	541	213	219	300	290	586
14	916	840	744	673	722	858	526	164	213	322	300	581
15	890	909	782	616	744	840	521	156	232	314	276	684
16	876	858	810	620	744	810	516	156	329	348	318	981
17	846	840	822	631	744	760	506	161	356	333	248	1360
18	870	828	816	631	750	728	496	161	473	437	248	1180
19	1080	766	804	646	744	684	496	167	556	437	255	1010
20	1000	750	777	733	738	636	487	255	576	352	294	1140
21	954	738	733	834	733	616	496	428	586	419	297	1600
22	928	744	706	858	722	586	473	415	561	478	280	1650
23	922	755	706	846	728	576	496	314	464	673	280	1570
24	922	760	733	828	750	596	450	207	464	744	276	1350
25	916	782	695	733	755	571	398	368	446	876	304	1180
26	902	766	654	722	760	581	333	566	482	744	1000	980
27	890	760	684	728	766	551	304	372	478	684	1060	810
28	890	772	673	733	772	551	372	360	368	631	501	883
29	858	777	689	668	..	556	389	356	333	556	333	1000
30	828	810	706	668	..	556	311	381	272	501	318	1130
31	828	..	700	662	..	541	..	337	..	491	314	..
Mean	906	787	768	679	749	716	488	289	359	474	366	801
Max.	1080	909	876	558	890	858	596	566	586	876	1060	1680
Min.	695	738	662	531	662	541	304	156	213	258	248	290
A.F.	55700	46830	47200	41760	41580	44020	29050	17760	21380	29130	22510	47640

Total acre-feet 444560.

BUREAU OF IRRIGATION

439

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT MINATARE
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1040	1230	1160	978	930	953	759	665	426	316	730	508
2	1160	1230	1160	997	940	963	745	564	389	310	701	493
3	1280	1220	1170	945	960	999	759	524	393	310	640	502
4	1270	1210	1170	799	970	1010	737	532	394	379	568	503
5	1260	1200	1160	800	960	1030	707	596	380	489	580	481
6	1240	1200	1140	810	980	1030	743	611	349	605	557	475
7	1300	1200	1140	820	1020	972	749	616	397	642	546	495
8	1310	1200	1150	860	1080	984	735	743	358	615	507	522
9	1320	1190	1160	910	1040	1020	760	768	316	553	467	580
10	1420	1180	1180	909	1060	1060	832	737	270	485	426	731
11	1360	1160	1110	895	1070	1050	826	682	260	444	440	799
12	1340	1130	1050	927	1040	1030	808	564	249	409	458	976
13	1310	1130	1100	947	995	994	792	481	228	384	459	1080
14	1310	1120	1020	934	974	1030	771	433	209	376	431	1070
15	1320	1150	1040	880	972	1060	764	367	197	371	399	1160
16	1300	1150	1090	840	989	1040	746	301	239	365	379	1310
17	1300	1120	1110	790	989	1000	713	234	335	389	383	1700
18	1310	1130	1140	800	1010	974	681	196	462	449	369	1680
19	1510	1120	1140	780	1030	936	687	182	649	487	361	1550
20	1430	1080	1100	770	1020	904	689	219	711	445	399	1670
21	1370	1080	1040	880	1010	866	692	289	717	564	433	1690
22	1330	1090	1010	1000	990	866	665	379	725	633	412	1780
23	1320	1100	1000	1010	976	835	675	350	730	810	399	1740
24	1320	1100	1020	980	983	817	664	262	669	1000	400	1650
25	1310	1120	996	940	992	799	619	312	643	1100	410	1530
26	1300	1120	976	900	991	805	617	500	618	1120	851	1420
27	1280	1120	986	850	983	781	548	501	569	1020	1270	1320
28	1290	1130	979	930	963	779	595	478	490	984	979	1320
29	1280	1130	979	900	900	781	655	531	430	882	702	1410
30	1240	1130	985	860	...	770	711	479	369	868	654	1590
31	1250	...	990	910	...	764	...	477	...	821	570	...
Mean	1303	1149	1079	891	997	932	715	470	439	601	543	1125
Max.	1510	1230	1180	1010	1080	1060	832	768	730	1120	1270	1780
Min.	1040	1080	976	770	930	764	548	182	197	310	361	475
A.F.	80090	68370	66350	54790	55370	57290	42530	28910	26120	36940	33380	66910

Total acre-feet 617050.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT BRIDGEPORT
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1550	1670	1510	1430	1020	1220	1050	859	794	394	1040	956
2	1860	1670	1520	1340	1020	1220	1050	832	719	349	1000	826
3	1780	1630	1520	720	1020	1230	1060	786	687	342	939	729
4	1770	1580	1520	850	1050	1240	1020	776	675	379	882	721
5	1770	1560	1540	1000	1150	1240	1020	799	611	475	799	716
6	1780	1570	1510	1140	1300	1240	1080	848	571	601	960	715
7	1870	1610	1460	1180	1550	1250	1010	904	566	730	878	743
8	1910	1610	1450	1220	1630	1220	988	1020	563	791	776	779
9	1970	1610	1460	1200	1550	1250	981	1070	573	781	716	891
10	2060	1550	1480	1150	1380	1330	1050	1020	399	738	647	1280
11	1950	1560	1430	1210	1360	1340	1060	958	315	629	595	1350
12	1910	1520	1490	1220	1320	1320	1050	852	280	490	609	1590
13	1890	1500	1440	1190	1270	1320	1000	742	279	448	664	1740
14	1840	1600	1350	1150	1270	1320	935	672	284	439	652	1860
15	1850	1560	1390	1130	1270	1380	905	645	271	447	620	1910
16	1850	1520	1480	1070	1290	1410	928	557	290	454	589	2010
17	1780	1540	1460	1040	1350	1370	961	430	331	476	584	2370
18	1770	1550	1450	1030	1340	1360	943	360	457	606	576	2540
19	1860	1560	1510	1020	1350	1340	925	320	624	648	598	2380
20	1970	1520	1450	1020	1340	1330	945	310	798	718	652	2520
21	1950	1510	1400	1250	1360	1230	918	321	837	877	659	2500
22	1920	1500	1370	1400	1360	1200	889	370	842	1620	659	2460
23	1890	1500	1340	1550	1340	1110	870	351	860	1550	644	2320
24	1850	1480	1330	1200	1360	1050	869	289	856	1700	645	2230
25	1840	1380	1160	1040	1360	1030	803	435	758	1810	734	2160
26	1880	1360	1230	1030	1340	1020	750	603	712	1850	1720	2120
27	1840	1330	1240	1070	1330	990	739	846	621	1640	1740	2080
28	1800	1400	1280	1060	1260	1010	761	830	572	1500	1630	2130
29	1740	1490	1310	1040	...	1030	852	909	534	1380	1390	2170
30	1610	1480	1240	1030	...	1020	904	828	469	1270	1270	2270
31	1650	...	1480	1020	...	1020	...	845	...	1200	1120	...
Mean	1831	1527	1413	1129	1304	1214	942	693	571	880	870	1702
Max.	2060	1670	1540	1550	1630	1410	1060	1070	860	1850	1740	2520
Min.	1550	1330	1160	720	1020	990	739	289	271	342	576	715
A.F.	112580	90860	89600	69420	72440	74660	56060	42620	33990	54110	53520	101290

Total acre-feet 848450.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT LISCO
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1490	1860	1630	1370	1030	1510	1250	1000	950	426	1270	1220
2	1730	1840	1660	1230	1060	1480	1250	937	873	378	1190	1060
3	1810	1790	1660	700	1150	1490	1320	924	813	368	1140	963
4	1860	1830	1620	450	1250	1520	1300	873	754	406	1020	911
5	1840	1810	1620	840	1400	1510	1250	937	730	466	911	885
6	1840	1780	1650	800	1500	1490	1210	976	650	562	885	861
7	1880	1760	1620	940	1650	1490	1190	1080	551	639	963	837
8	1960	1740	1620	1140	1800	1490	1140	1220	530	742	849	837
9	1980	1730	1620	1360	1850	1520	1100	1270	551	777	801	885
10	2280	1730	1650	1300	1740	1490	1210	1190	540	684	801	1340
11	2180	1730	1660	1300	1630	1490	1300	1140	435	730	673	1520
12	2080	1730	1430	1300	1570	1480	1240	110	368	606	765	1780
13	1990	1730	1040	1290	1540	1430	1140	989	323	488	801	1980
14	1960	1710	1010	1270	1560	1510	1070	950	359	466	708	1910
15	1920	1710	1120	1250	1540	1540	1080	898	332	416	673	2130
16	1910	1740	1360	1200	1530	1570	1080	813	350	435	617	2250
17	1890	1680	1360	1070	1530	1540	1070	696	350	562	573	2450
18	1880	1630	1700	1120	1530	1520	989	617	466	551	573	2730
19	1890	1630	1890	1120	1540	1430	924	508	584	684	573	2750
20	1990	1630	1820	1150	1540	1420	849	446	742	708	662	2670
21	2010	1570	1630	1400	1480	1400	911	397	873	837	777	2750
22	1920	1550	1430	1500	1440	1380	963	388	898	1180	742	2670
23	1910	1570	1390	1700	1460	1380	963	416	873	1760	719	2650
24	1910	1620	1520	1400	1480	1310	976	378	849	1580	628	2540
25	1920	1620	1540	1200	1510	1300	989	519	777	1740	673	2430
26	1910	1620	1430	1100	1510	1340	950	595	708	1920	1110	2360
27	1880	1650	1410	1150	1520	1270	898	696	696	1810	1730	2240
28	1910	1650	1480	1150	1520	1220	885	855	639	1600	1660	2150
29	1880	1630	1560	1140	....	1220	950	950	617	1570	1490	2150
30	1890	1620	1470	1120	....	1240	976	1080	519	1370	1310	2150
31	1840	....	1400	1100	....	1270	....	1030	....	1370	1280	....
Mean	1915	1696	1514	1160	1495	1427	1081	836	623	898	922	1868
Max.	2290	1860	1890	1700	1850	1570	1320	1270	950	1920	1730	2750
Min.	1490	1550	1010	450	1030	1220	849	378	323	368	573	837
A.F.	117720	100940	93100	71330	83030	87770	64310	51390	37090	55200	56680	111150

Total acre-feet 929690.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT OSHKOSH
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1590	1800	1680	1610	880	1410	1260	937	955	491	1290	1220
2	1740	1790	1650	1560	920	1430	1340	952	878	435	1200	1060
3	1830	1780	1720	1590	1010	1560	1430	952	784	391	1090	954
4	1870	1810	1700	630	1090	1590	1390	863	728	391	1030	834
5	1830	1780	1650	500	1150	1610	1290	1070	684	369	937	752
6	1760	1780	1680	700	1210	1630	1240	1060	568	370	891	753
7	1740	1740	1630	970	1300	1560	1200	1140	467	474	920	780
8	1800	1780	1630	1270	1550	1390	1190	1260	434	573	905	780
9	1810	1780	1630	1490	1600	1430	1220	1290	474	624	830	754
10	2260	1830	1630	1600	1550	1540	1310	1270	501	583	740	1040
11	2130	1810	1460	1580	1520	1430	1270	1170	452	687	741	1460
12	2030	1810	1400	1370	1510	1430	1200	1090	376	651	842	1660
13	1990	1870	1190	1230	1460	1450	1170	920	536	497	755	1830
14	1950	1870	1010	1140	1430	1500	1190	831	347	430	657	1910
15	1930	1810	1170	1060	1440	1550	1190	788	295	369	577	2080
16	1950	1720	1410	1040	1460	1560	1140	715	285	339	565	2050
17	1950	1740	1520	950	1500	1540	1140	634	307	402	585	2060
18	1950	1720	1390	920	1480	1590	1150	620	326	485	613	2410
19	1970	1660	1830	980	1480	1450	1040	544	399	523	680	2730
20	2010	1660	1690	1030	1480	1450	995	449	529	620	712	2760
21	2200	1650	1530	1140	1500	1430	1040	372	685	675	740	2540
22	2220	1630	1550	1260	1550	1390	1070	330	766	680	711	2560
23	2280	1610	1340	1340	1590	1450	1090	310	786	1400	656	2460
24	2170	1590	1390	1150	1590	1430	995	311	787	1640	601	2420
25	2076	1570	1470	900	1610	1430	935	542	799	1820	614	2330
26	1990	1610	1470	880	1650	1390	935	624	702	1890	867	2250
27	1970	1650	1370	870	1560	1310	905	663	660	1820	1630	2160
28	1970	1680	1540	860	1450	1290	890	800	651	1650	1820	2120
29	1870	1680	1660	860	....	1270	890	908	626	1700	1740	2160
30	1850	1700	1790	860	....	1220	920	1040	551	1500	1470	2180
31	1810	....	1660	860	....	1220	....	1050	....	1350	1380	....
Mean	1951	1730	1534	1104	1411	1449	1134	823	572	833	929	1769
Max.	2280	1870	1530	1610	1650	1630	1430	1290	955	1890	1820	2760
Min.	1590	1570	1010	500	880	1220	890	310	295	339	565	752
A.F.	119980	102960	94330	67890	78390	89120	67490	50590	34010	51230	57100	105240

Total acre-feet 918330.

BUREAU OF IRRIGATION

441

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT LEWELLEN Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1490	1980	1780	1950	1570	1670	1400	1060	995	444	1360	1330
2	1630	1990	1800	1660	1510	1620	1400	1060	837	360	1220	1160
3	1770	2020	1820	1410	1490	1630	1470	1090	808	369	1120	1050
4	1870	1980	1840	1300	1570	1620	1460	1030	804	375	1070	944
5	1870	1960	1840	950	1650	1660	1390	1220	770	370	1080	881
6	1850	1950	1850	700	1700	1700	1330	1190	674	380	1740	860
7	1870	1950	1850	750	1850	1710	1270	1210	564	435	1060	782
8	1950	1930	1830	840	2030	1590	1230	1260	496	622	1020	775
9	2080	1920	1780	1150	2180	1520	1210	1270	475	650	958	839
10	2670	1880	1750	1610	2020	1610	1260	1330	481	653	907	1060
11	2520	1860	1720	1850	1800	1550	1290	1280	475	653	800	1480
12	2350	1850	1700	1940	1730	1580	1320	1230	377	946	932	1730
13	2210	1850	1640	1850	1720	1620	1280	1130	337	673	922	1990
14	2190	1830	1630	1770	1730	1660	1250	1020	385	559	853	2190
15	2150	1850	1500	1730	1780	1700	1220	914	333	481	782	2460
16	2110	1860	1410	1680	1850	1850	1240	885	350	464	736	2430
17	2080	1880	1570	1620	1910	1900	1190	810	339	484	853	2360
18	2050	1920	1810	1500	2000	1890	1170	715	326	572	793	2600
19	2030	1920	1890	1506	1980	1910	1120	662	362	581	954	2920
20	2030	1910	1810	1580	1990	1730	1120	575	473	678	842	3320
21	2150	1890	1740	1650	2000	1760	1110	534	561	887	786	3000
22	2150	1820	1620	1750	2020	1830	1100	503	703	1260	733	3010
23	2150	1820	1510	1850	2170	1700	1100	451	728	1570	769	2980
24	2130	1840	1490	1950	2130	1500	1110	463	713	1380	745	2890
25	2100	1840	1510	1950	1960	1460	1070	594	703	2120	982	2810
26	2120	1830	1530	1780	1910	1480	1020	732	647	2010	1480	2690
27	2110	1850	1610	1650	1810	1500	984	697	593	2010	1470	2570
28	2090	1840	1650	1500	1780	1420	992	726	607	1870	2060	2470
29	2070	1820	1910	1450	.....	1400	1020	873	584	1760	1990	2420
30	2030	1800	2130	1420	.....	1380	1060	987	510	1850	1750	2450
31	2000	.....	2130	1580	.....	1380	.....	1050	.....	1460	1550	.....
Mean	2060	1888	1731	1544	1856	1630	1206	921	569	950	1111	2013
Max.	2670	2020	2130	1950	2180	1910	1470	1330	995	2120	2060	3320
Min.	1490	1800	1410	700	1490	1380	984	451	326	369	736	775
A.F.	126680	112340	106410	94950	102820	106220	71770	56630	33850	58430	68320	119800

Total acre-feet 1052220.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT KEYSTONE Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	597	456	132	4	3	5	2	1030	602	485	509	281
2	949	565	132	5	2	4	2	1040	799	524	669	278
3	1160	554	70	6	2	3	3	1040	793	534	835	278
4	1240	499	7	6	4	1	3	1050	793	534	811	281
5	1320	499	7	4	4	3	2	1080	692	534	883	285
6	1220	509	16	4	4	24	2	1020	438	524	602	242
7	943	509	8	4	4	90	2	1040	308	519	304	124
8	853	363	6	4	4	12	2	974	319	529	393	60
9	799	215	8	4	4	2	2	853	504	519	646	132
10	739	35	15	4	4	5	42	799	618	534	781	115
11	745	36	47	4	4	6	15	745	524	534	853	124
12	767	28	18	4	5	6	212	618	539	554	853	115
13	692	61	11	3	4	5	253	698	539	554	877	115
14	651	50	5	4	4	5	263	624	519	602	901	115
15	554	15	5	3	4	5	359	835	529	871	877	142
16	524	43	16	3	4	5	376	968	524	943	871	112
17	402	17	6	4	4	4	372	949	539	925	889	92
18	99	20	6	3	4	4	433	962	534	925	895	47
19	31	6	5	3	4	4	480	962	549	913	630	49
20	18	35	4	4	4	4	576	994	554	859	289	86
21	22	10	4	4	4	4	698	1010	554	635	312	64
22	11	10	22	5	4	2	889	962	560	534	331	58
23	8	8	5	5	4	22	919	865	554	465	470	9
24	8	13	6	5	4	8	919	883	560	351	544	8
25	8	11	6	5	3	66	865	871	597	267	597	8
26	8	14	4	4	2	222	895	805	560	319	519	8
27	8	145	3	4	4	116	901	823	570	312	415	8
28	8	139	3	4	2	4	955	799	514	274	402	8
29	3	142	2	4	..	3	1010	635	480	263	397	8
30	5	137	3	3	..	3	1040	651	475	249	296	8
31	19	..	3	4	..	2	..	618	..	308	239	..
Mean	465	171	19	4	4	21	416	878	555	546	609	109
Max.	1320	565	132	6	5	221	1040	1080	799	943	901	285
Min.	3	6	2	3	2	1	2	618	308	249	239	8
A.F.	28580	10200	1160	250	200	1290	24780	53960	33000	33550	37470	6510

Total acre-feet 230930.

REPORT OF THE STATE ENGINEER.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT SUTHERLAND
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	41	109	258	110	110	98	152	1130	605	139	286	322
2	255	428	286	110	110	98	152	1080	578	144	442	310
3	688	650	274	100	120	152	190	1080	660	175	512	292
4	994	660	220	100	120	162	220	1080	688	242	605	230
5	1080	650	166	100	140	157	220	1260	688	269	512	220
6	1070	650	144	100	160	166	210	1320	536	220	795	210
7	1130	605	152	110	170	166	205	1120	334	180	623	180
8	961	614	162	110	190	120	195	1130	148	180	210	95
9	876	496	170	110	160	110	195	1040	65	210	190	60
10	1060	366	175	110	160	85	190	918	130	185	340	65
11	918	322	170	110	150	95	185	908	316	190	569	71
12	835	322	170	110	180	100	170	856	210	392	707	83
13	815	242	160	120	120	120	264	765	165	286	755	170
14	785	205	160	110	150	130	334	785	162	220	707	166
15	698	195	150	110	180	150	340	716	152	225	650	304
16	614	195	150	110	190	150	504	898	148	450	605	280
17	623	200	150	110	190	150	504	940	210	795	569	678
18	512	170	150	110	190	130	578	950	480	669	569	450
19	258	166	140	110	170	144	660	983	346	745	678	280
20	205	162	110	110	140	215	660	1020	348	650	536	304
21	166	162	110	100	140	180	736	1080	298	908	264	310
22	162	144	120	100	140	195	825	1020	292	678	225	220
23	152	145	130	100	140	162	918	940	274	736	175	200
24	148	148	120	100	144	166	1000	845	252	623	157	170
25	144	152	120	100	120	166	983	961	242	623	185	123
26	134	144	120	100	112	190	940	1030	258	435	544	112
27	120	139	120	90	116	322	983	898	225	458	536	92
28	116	210	120	100	106	286	1000	876	247	366	366	59
29	106	225	130	100	...	200	1070	835	215	304	785	95
30	106	236	110	100	...	170	1100	678	166	292	560	95
31	98	...	120	100	...	166	...	623	...	252	386	...
Mean	512	304	156	105	146	159	522	959	315	395	485	209
Max.	1130	660	286	120	190	322	1100	1320	688	908	795	678
Min.	41	109	110	90	106	85	152	623	65	139	157	60
A. F.	31480	18080	9590	6470	8130	9800	31060	58940	18720	24280	29840	12450

Total acre-feet 258840.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT NORTH PLATTE
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	393	386	500	300	320	378	409	1320	900	288	491	640
2	491	440	500	270	310	386	432	1330	829	288	620	592
3	690	785	508	130	310	401	572	1330	876	288	700	563
4	1050	900	491	170	310	417	563	1390	986	335	840	517
5	1230	876	440	200	330	432	553	1590	960	448	852	517
6	1300	835	440	230	370	457	491	1810	912	401	960	482
7	1360	900	425	240	420	432	465	1640	690	370	1230	457
8	1290	840	448	290	420	294	417	1620	440	363	680	425
9	1230	829	417	320	440	420	417	1460	335	363	393	363
10	1640	690	508	330	390	420	432	1330	298	363	432	370
11	1690	611	482	320	350	420	440	1300	356	349	572	401
12	1210	611	280	320	300	470	425	1250	378	393	1100	432
13	1160	525	240	320	210	410	440	1120	314	582	1050	482
14	1140	491	330	340	180	420	544	960	257	448	1020	491
15	1180	474	360	290	320	410	563	986	257	393	999	630
16	1060	448	360	270	520	410	640	948	244	440	924	720
17	986	425	360	340	570	409	730	1220	281	785	876	690
18	973	425	400	400	590	378	752	1670	448	924	864	1050
19	710	417	390	280	570	409	807	1300	601	986	973	640
20	572	386	360	360	600	474	807	1350	491	960	1090	553
21	508	363	240	390	540	465	818	1360	432	1500	700	517
22	457	386	290	430	550	491	960	1290	349	1320	534	525
23	457	386	400	440	525	448	1010	1230	363	1190	500	465
24	440	378	400	360	457	386	1180	1100	294	1160	491	440
25	417	378	360	220	356	393	1160	1130	314	1100	517	393
26	417	401	360	110	349	409	1170	1390	335	864	864	386
27	401	393	360	180	363	508	1170	1400	314	690	1100	378
28	401	425	390	210	378	544	1250	1230	363	660	785	349
29	378	491	400	340	...	440	1300	1160	401	582	1010	370
30	386	491	390	280	...	417	1330	1020	349	601	1210	378
31	386	...	340	290	...	401	...	888	...	563	888	...
Mean	839	548	393	289	405	424	742	1293	479	646	815	507
Max.	1690	900	508	440	600	544	1330	1810	986	1500	1230	1050
Min.	378	363	240	110	180	294	409	888	244	388	393	349
A. F.	51580	32610	24140	17790	22510	26080	44130	79480	28480	39710	50110	30180

Total acre-feet 446800.

BUREAU OF IRRIGATION

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DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER AT PAXTON
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25	15	10	10	10	13	11	124	76	5	11	15
2	22	15	10	10	10	12	10	122	61	5	10	13
3	20	15	10	9	8	12	13	115	57	6	10	11
4	19	15	10	9	9	14	12	111	53	7	10	11
5	18	14	10	9	8	14	12	115	53	6	8	10
6	45	13	10	10	9	14	12	120	46	6	10	10
7	54	12	10	10	10	19	95	138	45	5	72	10
8	57	12	10	10	15	20	271	142	43	5	100	10
9	80	11	10	10	35	16	464	152	33	5	25	10
10	134	10	10	10	45	14	449	158	20	5	18	10
11	295	12	10	10	38	20	434	150	15	5	16	10
12	346	12	10	10	40	32	439	150	12	8	14	11
13	454	7	9	9	28	14	449	126	13	6	12	10
14	444	5	8	8	25	13	454	111	10	5	12	11
15	396	4	8	10	20	15	454	95	8	5	10	18
16	392	4	10	9	18	18	459	97	7	5	9	12
17	378	5	10	8	19	22	439	97	10	7	9	12
18	291	5	10	8	18	12	410	80	12	8	9	8
19	82	6	10	9	17	12	364	82	11	7	10	8
20	54	5	10	8	16	12	325	83	12	9	9	8
21	40	6	10	10	15	14	295	83	9	18	9	12
22	33	7	10	10	15	14	248	83	8	13	8	11
23	28	7	12	10	14	16	215	79	7	25	8	12
24	23	7	10	10	14	14	189	76	7	25	7	11
25	19	8	11	10	13	12	148	84	6	29	7	10
26	17	8	11	10	13	14	148	92	6	24	12	10
27	17	8	12	10	12	16	142	92	5	20	10	10
28	16	9	12	10	13	12	131	92	5	17	10	10
29	16	10	12	10	..	12	128	86	5	14	27	10
30	15	10	12	10	..	12	126	71	5	14	18	10
31	15	..	10	10	..	11	..	71	..	12	16	..
Mean	124	9	10	10	18	15	245	106	22	11	17	11
Max.	454	15	12	10	45	32	464	158	76	29	100	18
Min.	15	4	8	8	8	11	10	71	5	5	7	6
A.F.	7630	550	630	590	1010	920	14570	6500	1310	670	1020	640

Total acre-feet 36040.

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER AT NORTH PLATTE
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	239	142	155	128	120	161	135	253	213	106	193	201
2	207	139	135	126	120	158	148	260	201	106	179	182
3	196	137	135	126	120	158	171	290	193	106	179	174
4	152	139	128	90	140	156	171	282	182	112	174	182
5	176	139	132	80	140	153	182	282	182	112	161	161
6	169	139	132	110	170	151	185	302	174	114	166	161
7	200	139	132	130	170	144	179	306	161	114	176	166
8	282	139	137	130	170	142	207	318	163	122	185	163
9	323	139	146	130	163	156	364	318	158	118	223	146
10	429	139	144	130	158	153	478	318	158	118	199	144
11	452	144	139	130	176	151	510	336	151	120	210	153
12	452	146	120	130	185	153	515	328	144	124	256	169
13	498	139	130	120	169	169	521	266	139	132	213	171
14	527	135	150	120	153	158	545	250	142	128	182	171
15	539	135	160	120	158	158	545	246	137	126	179	201
16	533	130	160	120	161	158	551	242	135	124	163	200
17	510	130	146	120	169	161	557	253	135	130	158	332
18	521	130	144	120	171	179	539	290	142	153	174	310
19	498	130	142	110	171	166	488	253	144	174	176	226
20	408	130	132	110	169	169	450	236	148	166	193	196
21	282	130	130	90	163	166	413	226	137	332	179	185
22	217	132	144	90	156	171	398	213	124	278	163	176
23	190	132	151	90	161	174	359	207	120	286	163	176
24	176	135	142	90	161	161	341	187	114	274	163	174
25	169	135	144	90	163	158	318	210	110	359	176	174
26	161	137	142	60	161	163	290	242	112	314	253	171
27	156	137	139	70	163	163	267	278	112	253	207	176
28	148	137	128	80	161	153	274	274	112	223	193	166
29	146	135	128	90	..	151	267	256	110	210	274	156
30	144	135	126	100	..	146	267	236	106	213	286	153
31	142	..	126	110	..	144	..	223	..	213	226	..
Mean	299	136	138	108	159	158	354	265	145	176	194	184
Max.	539	146	165	130	185	179	557	336	213	359	286	332
Min.	142	130	115	60	120	142	135	187	106	106	158	144
A.F.	18400	8100	8490	6620	8810	9730	21090	16270	8650	10830	11940	10940

Total acre-feet 139870.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, CONFLUENCE OF THE NORTH AND
SOUTH PLATTE RIVERS AT NORTH PLATTE
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1617	1410	1955	1542	1421	1622	1801	1590	1134	1458	1712	1963
2	1660	1463	1894	1587	1475	1709	1608	1605	1050	813	1894	1917
3	1606	1808	1898	1633	1458	1566	2053	1634	1089	1573	2001	1841
4	1862	1923	1755	1478	1419	1584	2115	1687	1186	1566	2161	2035
5	1969	1931	1910	1371	1465	1470	2050	1922	1286	1626	2100	1842
6	2041	1690	1895	1365	1478	1695	1990	2144	1271	1497	2025	1690
7	2079	1940	1900	1364	1454	1654	1959	1969	1276	1541	2118	1680
8	1814	1889	1909	1357	1545	1562	1915	1965	1203	1543	1814	1575
9	1613	2090	1928	1413	1579	1718	1611	1804	1194	1467	1938	1571
10	2135	1672	1883	1456	1434	1701	2013	1668	1219	1527	2007	1625
11	2315	1965	1776	1424	1504	1739	1917	1655	1287	1529	2053	1674
12	1810	1935	1671	1451	1491	1803	1969	1595	1609	1597	2277	1615
13	1852	1721	1695	1505	1423	1836	1809	1423	1610	1691	2365	1635
14	1956	1740	1728	1529	1416	1731	1971	1226	1487	1616	2390	1652
15	2013	1779	1668	1451	1543	1652	1490	1196	1573	1631	2306	1696
16	1934	1828	1646	1449	1692	1632	1728	1205	1520	1788	2207	1593
17	2080	1765	1608	1577	1727	1798	1699	1487	1590	1928	2370	1579
18	2041	1885	1650	1611	1763	1763	1413	1990	1614	1962	2305	1906
19	1784	1760	1704	1483	1595	1627	1497	1579	1892	2041	2163	1697
20	1691	1750	1754	1457	1743	1917	1298	1611	1891	2067	2357	1676
21	1728	1743	1691	1510	1705	1815	1242	1610	1648	2704	2001	1549
22	1647	1778	1701	1346	1801	1882	1369	1524	1507	2412	2135	1395
23	1525	1809	1841	1465	1933	1817	1380	1456	1493	2153	2229	1494
24	1682	1758	1798	1378	1665	1788	1532	1305	1266	2209	2227	1259
25	1748	1750	1646	1449	1550	1829	1489	1358	1303	2206	2098	1470
26	1678	1792	1699	1212	1406	1530	1471	1652	1378	1926	2384	1539
27	1702	1801	1633	1393	1622	1860	1443	1746	1306	1775	2466	1607
28	1703	1804	1714	1421	1509	2055	1535	1648	1475	1856	2145	1603
29	1578	1933	1719	1497	....	1835	1578	1720	1532	1784	2412	1511
30	1601	1968	1654	1500	....	1678	1608	1284	1516	1660	2410	1458
31	1626	....	1593	1407	....	1758	....	1132	....	1794	2072	....
Mean	1819	1803	1757	1454	1565	1730	1685	1592	1416	1772	2166	1647
Max.	2315	2090	1955	1633	1933	2055	2115	2144	1892	2704	2466	2035
Min.	1525	1410	1593	1212	1406	1470	1242	1132	1050	813	1712	1259
A.F.	111850	107270	108010	89420	86910	106370	100280	97900	84280	108970	133170	97880

Total acre-feet 1232410.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT BRADY
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	121	128	169	140	120	183	208	159	178	79	157	416
2	121	125	184	150	140	185	199	152	166	79	139	346
3	118	125	156	140	140	190	244	147	151	79	127	289
4	121	126	156	140	150	189	358	145	142	84	138	214
5	123	130	149	160	160	177	392	211	137	89	242	281
6	137	132	157	160	170	180	334	265	129	81	273	177
7	148	131	144	160	170	164	277	271	121	75	229	159
8	197	131	139	140	170	169	225	289	110	100	226	144
9	168	129	142	140	160	180	217	255	108	91	161	132
10	220	183	150	140	160	160	194	222	102	83	176	125
11	253	168	150	140	160	130	229	214	101	79	235	123
12	334	214	100	140	160	160	203	465	101	76	682	126
13	195	216	120	120	150	170	215	300	96	72	614	126
14	182	167	180	130	170	240	184	203	93	68	650	122
15	208	170	340	130	180	280	179	182	93	66	633	136
16	206	161	270	130	180	230	189	175	137	67	508	130
17	187	157	190	130	200	230	184	165	164	69	506	178
18	224	155	170	120	210	216	174	185	179	89	476	222
19	202	153	160	120	220	239	161	198	159	145	510	258
20	165	148	150	120	230	245	152	196	171	150	383	196
21	151	143	150	120	220	241	149	194	170	357	428	170
22	148	144	140	120	220	236	146	186	132	71	250	149
23	141	145	140	120	210	248	144	175	106	614	296	144
24	134	149	160	110	220	251	141	166	96	417	313	134
25	131	149	140	110	210	230	137	161	87	526	293	131
26	130	148	150	110	200	237	133	179	81	479	323	128
27	130	149	140	110	199	235	133	213	83	377	472	126
28	129	152	140	110	191	240	151	261	79	251	484	127
29	132	153	150	100	....	270	165	257	82	231	393	129
30	130	156	140	100	....	219	163	226	81	203	597	127
31	131	....	140	110	....	209	....	194	....	177	578	....
Mean	165	151	160	128	181	211	199	213	121	196	372	176
Max.	334	216	340	160	230	280	392	465	179	711	682	416
Min.	118	125	100	100	120	130	133	145	79	66	127	122
A.F.	10150	9000	9850	7870	10060	12960	11860	13110	7210	12030	22850	10440

Total acre-feet 137390.

BUREAU OF IRRIGATION

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DISCHARGE IN SECOND-FEET, PLATTE RIVER AT COZAD

Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	192	1830	245	200	180	305	320	257	123	28	12	192
2	209	1760	264	170	200	279	318	245	131	17	12	184
3	204	1800	277	65	210	277	377	249	70	12	12	91
4	226	1770	266	70	250	270	413	245	35	21	11	58
5	235	1870	228	95	250	250	478	290	22	48	11	17
6	174	2100	243	100	300	230	503	435	14	40	30	18
7	174	1900	241	160	310	190	476	446	12	26	17	9
8	209	1960	231	220	310	140	417	500	12	15	12	9
9	209	2060	198	260	320	180	387	482	10	26	109	8
10	294	2100	236	300	320	200	376	407	10	11	30	11
11	287	2220	260	300	300	200	347	373	10	9	48	55
12	300	2120	150	270	310	280	350	362	10	7	58	72
13	353	2000	120	220	270	320	340	567	11	7	58	131
14	288	1750	160	250	260	320	300	426	11	7	15	135
15	269	1520	180	250	260	300	341	300	10	7	18	146
16	268	1170	200	200	300	480	310	270	14	7	12	164
17	258	1080	280	200	310	440	300	220	46	8	12	136
18	270	1150	260	200	320	393	280	269	261	23	13	141
19	270	829	220	210	320	359	260	322	209	92	218	229
20	347	517	220	220	310	370	250	259	170	26	111	281
21	645	363	220	260	340	413	245	253	234	232	13	219
22	1260	310	220	300	330	417	269	236	25	116	46	184
23	1610	304	220	270	337	420	259	212	11	152	66	139
24	1510	295	220	260	335	426	242	188	10	38	25	104
25	1720	286	240	270	331	391	250	169	10	15	11	81
26	1840	284	200	250	322	362	251	94	8	13	39	79
27	1920	271	220	230	315	381	248	134	11	12	32	63
28	1940	257	200	200	301	345	246	136	19	11	102	54
29	1990	247	200	190	...	347	266	159	21	10	141	49
30	1920	242	200	180	...	355	269	245	24	11	119	45
31	1770	...	200	170	...	342	...	162	...	12	150	...
Mean	747	1212	220	211	294	325	322	289	52	34	50	103
Max.	1990	2220	277	300	340	480	503	567	261	232	218	281
Min.	174	242	120	65	180	140	242	94	8	7	11	8
A.F.	45940	72130	13530	12970	16310	20000	19130	17760	3100	2100	3060	6160

Total acre-feet 232190.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT OVERTON

Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	608	2200	1220	2060	1780	1960	1750	1020	1390	328	374	854
2	446	2280	1110	1850	1810	1990	1370	996	1370	309	203	887
3	596	2260	1190	1880	1810	2020	1880	1030	1220	222	191	674
4	854	2230	977	1950	1890	1900	2090	1150	996	185	197	788
5	958	2030	1340	1940	1790	1580	2260	1220	1050	150	155	1030
6	1020	2120	1750	1500	1870	1920	2230	1530	838	140	150	1050
7	1150	2570	2170	1220	1840	1880	2260	1600	560	140	179	1130
8	1390	2310	2330	1060	1320	1850	2140	1800	457	135	155	1070
9	1410	2370	2310	980	1430	1560	1880	2010	424	155	135	939
10	1320	2340	2280	820	1460	1800	2030	2010	403	197	166	1050
11	1500	2310	2010	740	1550	1770	2120	1850	457	191	155	512
12	1620	2400	2060	780	1710	1770	2200	1440	560	277	160	191
13	1680	2140	2030	740	1700	1810	2310	1300	688	309	135	179
14	1880	2120	1960	840	1630	1880	2230	1110	608	277	160	160
15	1680	2010	1980	960	1710	1980	2200	1130	608	253	145	203
16	1220	1800	1980	1130	2010	2170	1320	1090	435	179	140	216
17	1030	1720	1600	1330	2070	2200	1850	920	424	185	179	216
18	996	1580	1410	1520	1970	2340	2060	939	468	166	172	210
19	854	1410	1400	1620	1900	2120	1960	1110	584	197	309	210
20	904	1440	1470	1640	2010	1980	1720	1300	660	210	300	245
21	1190	1480	1550	1620	2260	2140	1600	1090	584	446	346	300
22	1240	1410	1670	1620	2120	2140	1530	1020	596	524	269	284
23	1460	939	1710	910	1830	2200	1340	939	714	489	328	364
24	1900	870	1850	860	2140	2030	1680	755	742	608	364	596
25	1720	920	1800	1920	1980	2120	1500	772	647	755	309	1020
26	2010	904	1720	1920	1880	2060	1190	838	660	920	346	1260
27	2140	714	1830	1830	2030	1960	977	1090	560	920	292	1390
28	2480	958	1930	1720	1920	2200	958	920	489	714	374	1440
29	2430	1070	1930	1790	...	2120	1280	1550	446	728	512	1390
30	2600	1050	2060	1740	...	2090	772	1720	364	660	701	1370
31	2260	...	2030	1710	...	1930	...	1350	...	564	821	...
Mean	1439	1732	1756	1423	1845	1876	1756	1261	667	373	272	708
Max.	2600	2570	2310	2060	2260	2340	2310	2010	1390	320	521	1440
Min.	446	714	977	740	1430	1560	772	755	864	135	135	160
A.F.	88450	103050	107950	87490	102450	121530	104500	77550	39670	22920	16740	42110

Total acre-feet 914410.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT ODESSA
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	362	1640	1330	1700	2100	2350	1990	765	1770	256	486	782
2	389	1720	1080	1120	2030	2100	1720	820	1770	301	290	800
3	194	1770	1040	1160	2210	1960	1770	976	1540	256	185	820
4	348	1830	1170	1150	2230	1670	2280	995	1600	233	301	532
5	610	1990	765	1320	2150	1670	2310	1280	1170	267	233	820
6	730	1930	1400	1360	2000	1300	2160	1060	1280	167	222	800
7	800	2130	1910	1110	2140	1520	2100	1600	878	130	430	820
8	1120	2190	1770	1130	2150	1750	2100	1720	782	139	245	800
9	1300	2100	2160	1260	2190	2620	2000	1960	642	376	158	782
10	1520	2220	2130	1240	2180	2460	1950	2070	470	278	88	358
11	1210	2160	2130	980	2160	2730	1900	2190	516	290	95	800
12	1300	2020	2130	1000	2150	2740	2000	1670	416	443	88	324
13	1500	1880	2130	1070	2150	2720	2070	1640	660	402	116	245
14	1600	1670	2100	1240	1830	2820	2130	1210	610	301	158	213
15	1720	1440	2050	1230	2120	2830	2100	995	456	278	123	486
16	1300	1420	2050	1080	1910	2800	1830	1080	578	267	81	416
17	898	1170	2050	1180	1820	2490	1570	936	516	139	116	402
18	936	1170	2000	1300	1920	2280	2280	858	478	148	88	416
19	839	1190	1900	1460	2000	2070	2100	1280	486	233	301	362
20	748	1040	1750	1430	2100	2070	1770	1300	782	167	222	402
21	730	878	1660	1480	2300	2070	1640	1470	839	917	267	430
22	976	1370	1570	1380	2520	2240	1600	956	730	839	194	290
23	995	563	1710	1140	2630	2190	1750	976	878	678	123	245
24	1170	642	1570	1300	2620	1960	1400	1100	936	486	123	233
25	1280	456	1500	1340	2590	2160	1540	976	858	470	148	402
26	1400	480	1510	1550	2960	2240	1120	1020	501	730	213	976
27	1670	501	1560	1740	2600	1850	1080	1230	546	800	194	1120
28	1720	312	1930	1680	2580	2160	1210	2050	486	678	213	1120
29	1830	532	2000	1730	.....	2070	1420	2160	456	578	290	1170
30	1750	898	2110	1800	.....	2160	1330	3190	389	610	430	1100
31	1670	.....	1950	2110	.....	2100	.....	2460	.....	516	730	.....
Mean	1117	1377	1746	1347	2230	2198	1807	1418	804	399	224	632
Max.	1830	2220	2160	2110	2960	2830	2310	3190	1770	917	730	1170
Min.	194	312	765	980	1910	1300	1080	765	389	130	88	213
A.F.	68660	81940	107330	82810	123850	135170	107540	87220	47840	24540	13790	37620

Total acre-feet 918310.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT GRAND ISLAND
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	466	1780	1120	1800	1340	2210	1910	1290	2490	199	733	425
2	374	1700	1270	1650	1460	1990	1850	1100	1960	183	599	599
3	335	1750	1430	590	1470	1570	2020	859	1550	302	972	649
4	386	1850	1290	610	1470	2080	2190	822	1480	234	666	716
5	335	1800	1340	460	1460	2860	2340	1050	1310	335	451	733
6	425	1800	1010	470	1420	2290	2460	1220	1200	175	399	555
7	584	1600	1000	580	1470	1810	2280	1200	1140	136	451	682
8	716	1750	810	650	1490	1760	2220	2600	896	147	466	699
9	803	2080	920	880	1610	1750	2370	3670	616	1500	348	699
10	1520	1960	980	910	1780	1430	2220	2710	525	1670	374	716
11	1780	1990	1260	980	1800	1470	1930	2280	466	896	216	699
12	1450	2080	500	1070	1900	1180	1960	2340	336	569	150	766
13	1430	2020	520	970	2110	980	2130	2280	273	386	175	766
14	1430	2220	410	850	2150	1080	2050	1720	412	386	175	451
15	1450	2080	850	850	2010	1250	2190	1570	412	293	167	348
16	1620	1960	1430	840	1990	1920	2220	1250	495	253	208	374
17	1520	1830	1520	840	2250	2040	2280	1100	649	412	126	451
18	1180	1550	1440	750	2650	1430	1500	1200	766	348	92	425
19	915	1430	1230	790	2650	1510	1620	1520	525	302	126	510
20	915	1360	880	860	2540	1510	1830	1400	466	244	224	682
21	822	1250	720	1000	2530	1800	1830	1480	466	273	223	510
22	822	1180	760	1220	1970	3200	1550	1520	569	244	208	425
23	972	1250	710	1420	2120	2940	1380	1380	510	904	158	438
24	1050	1340	950	1490	2270	2310	1180	1100	425	1220	158	412
25	1220	933	940	1390	2140	1940	933	1080	466	915	120	399
26	1500	933	900	1250	2090	1720	1100	1100	466	749	158	412
27	1400	785	930	1140	2210	1750	972	1220	466	733	253	555
28	1600	859	1000	1260	2540	1400	972	1570	412	822	312	933
29	1670	749	1290	1440	.....	1520	1120	2740	335	803	263	1140
30	1750	766	1670	1440	.....	1850	1160	2580	263	699	234	1270
31	1750	.....	1870	1330	.....	1880	.....	3000	.....	840	273	.....
Mean	1103	1554	1063	1025	1960	1822	1791	1676	746	556	305	616
Max.	1780	2220	1870	1800	2650	3200	2460	3670	2490	1670	972	1270
Min.	335	749	410	460	1340	980	933	822	263	136	92	348
A.F.	67810	92500	65360	63030	108900	112000	106500	103000	44420	34160	18770	36630

Total acre-feet 853080.

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT DUNCAN
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	520	1910	832	1400	1050	2900	2140	1290	3000	261	1280	231
2	550	1940	966	1400	1100	2600	2180	1430	3020	214	995	225
3	459	1960	1230	800	1150	2200	2140	1340	2350	273	820	304
4	380	1910	1360	670	1350	1950	2180	1020	1910	298	745	493
5	380	2040	1440	760	1350	2300	2180	1070	1640	285	1070	550
6	395	2100	1410	590	1300	3000	2260	1200	1380	198	665	570
7	337	2140	1390	460	1350	2900	2390	1400	1240	208	665	540
8	410	2020	1100	430	1400	2300	2410	1980	832	160	832	459
9	600	1890	1100	540	1550	1900	2450	2410	808	600	654	590
10	1100	2160	1100	750	1500	1800	2320	3970	720	1680	632	632
11	1240	2370	1800	990	1700	1700	2240	3170	621	2200	502	687
12	1550	2300	1100	1000	1900	1500	2120	2740	502	2240	758	698
13	1550	2320	700	970	2300	1200	1830	2520	350	1910	600	709
14	1310	2220	500	940	2300	1800	2080	2390	330	1980	388	820
15	1340	2240	430	820	2550	2400	2120	2100	402	1680	388	698
16	1410	2120	500	720	2550	2500	2080	1870	395	1270	395	450
17	1500	2020	550	800	2300	3500	2160	1430	468	1020	298	365
18	1680	1870	1350	850	2100	4600	2320	1320	698	953	273	337
19	1410	1740	1850	880	2250	4000	1980	1500	676	1020	267	402
20	1080	1500	1600	940	2450	3100	1660	1700	709	858	267	402
21	1010	1550	1200	980	2550	2400	1980	1850	550	643	214	493
22	966	1570	1000	1050	2550	2600	1810	1910	442	621	225	580
23	872	1390	900	1150	2350	4500	1550	1750	402	590	203	493
24	912	1310	850	1000	2050	3000	1480	1810	493	676	214	434
25	1070	1620	920	800	2200	2050	1310	1550	493	1500	176	468
26	1150	1340	1200	800	2550	2140	1290	1530	324	1530	192	380
27	1340	1070	1450	820	2450	1960	1150	1510	350	1410	203	350
28	1530	899	1500	840	2700	2080	1510	1550	372	1360	273	344
29	1620	858	1450	840	...	1960	1430	1830	395	1130	231	484
30	1720	912	1400	890	...	1680	1380	2350	318	1150	273	782
31	1870	...	1300	1050	...	1960	...	2930	...	1070	255	...
Mean	1073	1776	1144	869	1961	2467	1938	1885	873	1000	482	501
Max.	1870	2370	1850	1400	2700	4600	2450	3970	3020	2240	1260	820
Min.	337	858	430	430	1050	1200	1150	1020	318	160	176	225
A.F.	65970	105700	70370	53410	108900	151700	115300	115900	51950	61460	29620	29790

Total acre-feet 960070.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT NORTH BEND
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2240	3190	3350	2900	3100	5000	5360	4070	5290	2790	3020	3090
2	2670	3890	3510	2600	2800	6000	5780	4160	5220	2670	3370	2960
3	2380	4070	3590	2500	2600	6400	5740	3700	10700	1830	3220	3040
4	2540	3840	3700	2200	2800	9100	5850	3700	8790	2040	3020	2960
5	2350	3870	3700	1900	3000	8400	6060	4070	7240	2420	3400	3450
6	2400	4070	3800	1700	3000	9200	5880	3730	4550	2580	3780	2750
7	2420	3870	3000	1600	3100	9900	5570	4340	3540	2420	3510	2560
8	2400	3920	2600	1600	3000	5300	5430	5640	3400	2420	3450	2600
9	2490	4070	2500	1600	3000	4000	5150	6920	3090	3040	3240	2470
10	2560	4070	2400	1600	3100	3300	5120	6960	2720	16900	3270	2510
11	3040	4070	2500	1700	3300	2500	4910	7000	2990	12500	3370	2330
12	3220	3890	3100	1800	3400	2200	4850	6020	2540	15000	4280	2330
13	3620	3560	3000	1900	3500	2400	4730	5540	2720	12700	5570	2310
14	3590	3810	2600	2000	3700	2700	4970	5460	2200	9250	6100	2790
15	3430	3980	1600	1900	3500	3600	4700	5540	2420	7320	5680	2990
16	3590	4130	1500	1800	3400	4000	4790	4840	2870	6280	5400	2870
17	3320	3780	2100	1900	3300	5700	4250	5000	2990	6320	4220	3090
18	3120	3890	2400	1900	3100	6600	4460	4970	3170	6720	3590	3020
19	3360	4040	2600	1800	3100	7200	4760	4610	3450	19800	2990	3060
20	3560	4340	3100	1700	3300	8400	4310	7360	4520	13900	2870	2920
21	3620	4010	2800	1800	3400	8000	3980	7080	3670	9800	3300	2870
22	3400	3480	2300	1700	3600	7400	4100	5120	2870	8430	3590	3540
23	3510	4070	2000	1900	3700	8400	4220	4850	2630	7280	3140	3590
24	2890	3750	2000	2000	4000	12400	3920	4610	2540	10700	3040	3270
25	2890	3450	2200	2200	4300	11900	3890	4430	2490	9850	2790	3270
26	3170	3670	2400	2300	4500	10300	3590	4370	2220	8120	3120	3300
27	3730	4250	2200	2500	5400	8160	3620	4250	2310	5710	3170	3040
28	3510	3350	2400	2600	5100	6760	3750	4760	2100	5120	2820	3060
29	3480	3400	2800	2800	...	5960	4340	5180	2140	4280	2870	3020
30	3300	3090	2600	3000	...	5260	3750	5180	2580	4370	3350	3040
31	2870	...	2500	3100	...	4970	...	5500	...	3560	3140	...
Mean	3051	3829	2673	2081	3468	6497	4728	5131	3665	7387	3603	2937
Max.	3730	4340	3800	3100	5400	12400	6060	7360	10700	19600	6100	3590
Min.	2240	3090	1500	1600	2600	2200	3590	3700	2100	1830	2790	2310
A.F.	187600	227800	164300	127900	192600	398500	281300	315500	218100	454200	221500	174700

Total acre-feet 2985000.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT ASHLAND
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2700	4380	3750	3200	3400	8200	8440	6050	7320	3000	5080	4090
2	2870	4520	3930	3200	3500	7600	8830	6450	7190	2950	4350	3870
3	3000	4860	3990	3200	3400	7700	8730	6050	13800	2870	4520	3520
4	2800	4900	3870	2700	3200	10700	8590	5590	17900	2430	4280	3460
5	2900	4590	4090	2500	3400	13400	8210	5740	16000	2480	4520	3270
6	2820	4480	4250	2400	3500	22700	8680	5440	12500	3320	6010	3630
7	2840	4800	4350	2400	3600	15200	7410	4970	8160	2820	6050	3400
8	2980	4800	4180	2300	3700	11400	6900	5550	6940	2820	5150	3290
9	3050	5220	2720	2300	3800	8400	6780	9260	6450	3320	5290	3130
10	3520	5080	2600	2100	3800	7000	6490	13300	5590	16400	5080	2900
11	3570	4760	3000	2000	3800	5480	6210	13000	4860	14400	4620	2980
12	3960	5010	3500	2100	3900	4020	6370	12300	4970	13600	9930	2870
13	4280	5010	3700	2300	4000	3380	6370	10400	3840	18800	14400	2770
14	4880	4830	3200	2400	4100	3030	6210	8380	4020	13400	14200	2700
15	4720	4900	2500	2400	4100	4090	5820	8730	3490	10500	15300	2920
16	4310	4940	2000	2400	3900	5440	5900	8160	3240	13600	14600	3380
17	4220	4940	2000	2400	3900	7980	6450	6740	3600	9890	13300	3430
18	3870	4800	2900	2400	3900	11600	5860	6570	4860	12200	10700	3270
19	4120	4660	3000	2500	3800	10400	6210	6130	6780	22800	8440	3210
20	4380	4220	3300	2300	3800	10700	6370	6210	7240	33600	6530	3720
21	4150	4350	3700	2200	3800	10900	5900	10900	7670	21800	5780	3780
22	3930	4220	3100	2200	4100	16200	5820	7980	6820	20800	5580	3720
23	4060	3930	2600	2200	4300	11300	5930	7720	5900	14700	5700	4250
24	4280	4150	2600	2300	4700	17300	5860	7190	4830	17100	5080	4480
25	3750	4310	2600	2400	5000	17700	5400	6940	4310	19900	4620	4020
26	3810	3960	2800	2600	5000	14700	5080	6210	4150	14500	4120	4150
27	4090	4250	2800	2700	5500	13200	4760	5900	3600	10500	4220	3930
28	4250	4250	2800	3000	6900	12100	5220	5860	3320	9370	3930	3870
29	4350	4060	3100	3100	....	10900	5780	6130	3130	7410	3600	3900
30	4350	4060	3200	3200	....	9730	6210	6330	3160	6210	3780	3340
31	4250	....	3000	3300	....	8730	....	6980	....	6370	4380	....
Mean	3769	4575	3198	2539	4064	10360	6500	7537	6521	11410	6845	3525
Max.	4860	5220	4350	3300	6900	22700	8830	13300	17900	33600	15300	4480
Min.	2670	3930	2000	2000	3200	3030	4760	4970	3130	2430	3600	2700
A.F.	231700	272200	196600	156100	225700	637100	390200	463500	388000	701900	420900	209800

Total acre-feet 4293700.

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-Feet

For the Water Year Ending September 30, 1949

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain*	950	410	220	130	170	260	200	340	3610	4770	1490	810	13360
Bayard Sugar Factory Drain	2540	2310	2120	1670	1760	1450	1450	940	2030	1970	2070	3220	24120
Cleveland Drain†	120	120	120	80	260	160	150	540	780	1060	810	1030	5230
DeGraw Drain*	490	500	550	600	560	460	280	460	490	470	490	490	5840
Dugout Creek, Uppert†	1170	400	340	270	320	250	170	840	1610	1200	950	1770	9290
Fairfield Seep*	60	60	60	60	60	60	20	0	60	0	0	60	500
Fanning Seep*	290	240	260	340	370	230	100	150	120	120	160	190	2600
Gering Drain	2800	2320	1920	1420	1760	2020	1560	1740	3890	4280	4620	4960	33290
Horse Creek	4810	2900	2170	260	3090	3520	1480	1910	9220	3860	4270	7430	44920
Indian Creek†	430	430	380	220	280	300	240	460	1320	1240	1560	1730	8530
Lane Drain*	340	130	120	120	110	120	60	70	230	420	490	480	2690
Melbeta Drain†	200	180	120	70	170	120	120	160	270	430	450	1180	3470
Nine Mile Drain	10030	7490	6450	5820	5460	5650	4540	6500	8900	11590	12200	13520	98150
Red Willow Drain	7540	6250	5490	4880	4240	4300	3350	5980	7550	5580	7790	11620	74570
Scottsbluff Drain No. 1*	980	680	570	590	350	370	300	420	670	740	740	710	7120
Scottsbluff Drain No. 2*	230	120	120	80	70	120	130	340	330	340	510	360	2750
Sheep Creek	7210	5980	5360	5110	4480	4830	4540	2540	3910	510	350	3680	48500
Spotted Tail Creek, Dry	3980	2690	3440	2740	2360	2670	2310	2510	2600	4330	4360	5100	39090
Spotted Tail Creek, Wet*	710	770	800	430	540	660	650	770	820	820	990	950	8910
Tub Springs	4670	3410	2780	2330	1870	1830	2000	2070	2470	1670	1320	3130	29550
Winters Creek	5280	3900	3780	3610	2760	3110	2620	2860	2460	3220	3780	5360	42740
Totals	54830	41290	37170	30830	31040	33080	26270	31630	53340	48620	49400	67780	505280

*Estimated for entire year from measurements.

†Estimated October-April inclusive. One reading daily May-September.

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-Feet

For the Water Year Ending September 30, 1950

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain*	580	330	270	210	220	230	200	250	460	1360	890	830	5830
Bayard Sugar Factory Drain	2680	2090	1880	1680	1460	1650	1320	850	930	1450	1920	3360	21270
Cleveland Drain†	250	120	100	40	30	100	60	320	1090	790	840	1200	5440
DeGraw Drain*	340	110	160	120	170	280	190	230	400	360	260	530	3150
Dugout Creek, Uppert	850	540	430	300	220	190	150	850	790	1520	880	2000	8720
Fairfield Seep*	50	0	0	0	0	0	10	60	60	60	60	60	360
Fanning Seep*	260	310	130	60	120	170	80	160	310	170	210	250	2230
Gering Drain	2740	2340	2040	1900	1510	1880	1470	2170	3000	4090	4830	4750	32720
Horse Creek	4620	2790	2000	1470	1490	1380	1090	2470	5310	6990	5160	15090	49860
Indian Creek†	810	590	570	340	250	330	270	480	1050	1650	1760	1800	9900
Lane Drain*	360	170	210	120	110	100	60	100	170	410	450	550	2810
Melbeta Drain†	430	210	160	140	110	120	100	210	1370	570	430	1050	4900
Nine Mile Drain	10270	7280	6540	5540	4760	4940	4160	6000	7690	11010	14020	14240	96450
Red Willow Drain	8400	5830	5270	4490	3560	3690	3220	3910	3530	8340	8080	11530	69850
Scottsbluff Drain No. 1*	770	620	540	530	360	340	280	580	680	670	670	820	6860
Scottsbluff Drain No. 2*	230	110	70	60	60	60	100	520	530	400	520	600	3260
Sheep Creek	8250	6500	5710	5300	4630	4820	4470	2140	210	1520	1100	4410	49060
Spotted Tail Creek, Dry	3530	2600	3220	2960	2300	1930	1880	2880	3320	3670	2730	4100	35120
Spotted Tail Creek, Wet*	1120	980	950	840	710	750	660	860	990	1030	1030	1160	11080
Tub Springs	4640	3320	2880	2350	1910	1930	1970	2120	610	1750	630	4280	28390
Winters Creek	5630	3800	3670	3340	2820	2890	2790	1810	1630	3290	4170	7230	43060
Totals.....	56810	40640	36800	31790	26800	27780	24530	29470	34130	51090	50640	79840	490320

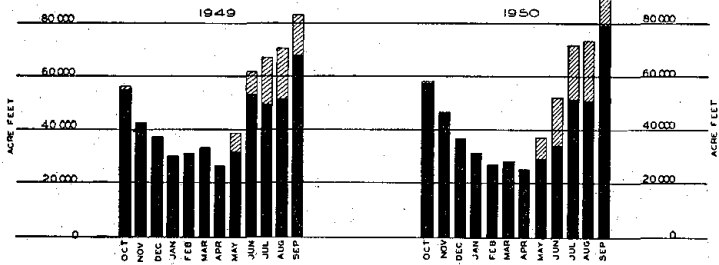
*Estimated for entire year from measurements.

†Estimated October-April inclusive. One reading daily May-September.

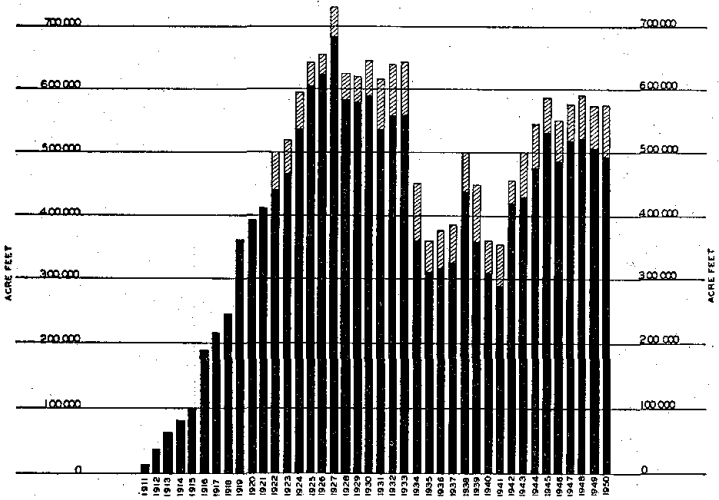
CONTRIBUTION FROM DRAINS

WYO-NEB LINE TO BRIDGEPORT

MONTHLY



ANNUAL



REPORT OF THE STATE ENGINEER

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For the Water Year Ending September 30, 1949

	Oct.	May	June	July	Aug.	Sept.	Total
Northport Canal from:—							
Akers Draw	210	700	710	840	920	1110	4490
Sheep Creek	0	2190	1350	5720	7330	4620	21210
Dry Spotted Tail Creek	0	0	0	0	0	0	0
Wet Spotted Tail Creek	180	780	1170	1310	2000	2470	7910
Tub Springs	0	160	440	1020	1920	2000	6140
Enterprise Canal from:—							
Stewart and Morrill Drains	130	60	100	120	190	280	880
Wet Spotted Tail Creek	540	460	450	720	1060	810	4040
Tub Springs	0	590	660	1050	1390	980	4670
Winters Creek Canal from Winters Cr.	0	940	1550	2550	2690	1660	9420
Alliance Canal from:—							
Bayard Drain	150	1470	1020	690	680	440	4450
Red Willow Creek	0	140	980	2340	2500	1150	7110
Total	1210	7490	8460	16960	20680	15520	70320

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For the Water Year Ending September 30, 1950

	Oct.	May	June	July	Aug.	Sept.	Total
Northport Canal from:—							
Akers Draw	0	270	700	770	740	900	3380
Sheep Creek	0	1710	5090	5870	5890	3900	22460
Dry Spotted Tail Creek	0	0	0	750	1500	1160	3410
Wet Spotted Tail Creek	0	300	900	1720	1520	2710	7150
Tub Springs	0	580	2030	2050	2350	750	7760
Enterprise Canal from:—							
Stewart and Morrill Drains	120	80	150	310	240	220	1120
Wet Spotted Tail Creek	390	630	590	780	730	720	3840
Tub Springs	120	610	1330	1300	2350	710	6420
Winters Creek Canal from Winters Cr.	100	2050	3340	3570	3550	2380	14990
Alliance Canal from:—							
Bayard Drain	0	870	1360	1250	790	400	4670
Red Willow Creek	280	930	2460	2550	3500	1650	11370
Total	1010	8030	17950	20920	23160	15500	86570

SUMMARY OF MONTHLY DIVERSIONS FOR IRRIGATION BY SECTIONS, BETWEEN GUERNSEY, WYOMING AND ODESSA, NEBRASKA

Values in Acre-feet

For the Water Year Ending September 30, 1949

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey-Whalen	0	0	0	0	0	0	47460	75270	86870	214250	216210	135940	776000
Whalen-State Line	910	0	0	0	0	0	0	7270	18910	28550	26570	15960	98170
State Line-Mitchell	4650	0	0	0	0	0	0	33650	52220	89590	92910	60990	334010
Mitchell-Minatare	1050	0	0	0	0	0	0	5570	8460	14120	13990	9390	52580
Minatare-Bridgeport	940	0	0	0	0	0	0	5340	9810	18860	19090	11870	65910
Bridgeport-Lisco	550	0	0	0	0	0	190	1380	1800	6430	6250	4160	20760
Lisco-Oshkosh	0	0	0	0	0	0	0	0	120	1250	1150	760	3280
Oshkosh-Keystone	8130	1100	0	0	0	0	0	3290	4930	14310	12250	7000	51010
Keystone-North Platte	9640	560	0	0	0	0	0	3960	8450	25910	31560	16785	96865
North Platte-Odesa	29307	0	0	0	0	0	2125	20901	53646	107618	142225	63884	419707
Total, Guernsey-Odesa	55177	1660	0	0	0	0	49776	156631	245216	520888	562205	326739	1918292

For the Water Year Ending September 30, 1950

Guernsey-Whalen	20940	17010	0	0	0	0	48750	84600	167170	213830	213510	141300	907110
Whalen-State Line	0	0	0	0	0	0	0	13090	23030	26160	26430	13530	101240
State Line-Mitchell	6060	0	0	0	0	0	0	39760	71030	84790	78860	49430	329930
Mitchell-Minatare	1230	0	0	0	0	0	0	9000	14370	16500	14530	10040	65970
Minatare-Bridgeport	3010	0	0	0	0	0	0	9990	19350	20890	19260	11170	83670
Bridgeport-Lisco	2900	0	0	0	0	0	0	4070	5790	6050	6060	3380	28250
Lisco-Oshkosh	80	0	0	0	0	0	0	620	2050	1360	720	880	5710
Oshkosh-Keystone	5740	0	0	0	0	0	4650	5790	8510	6160	3640	3010	37500
Keystone-North Platte	6680	900	0	0	0	0	1210	5570	25030	27090	22680	9255	98415
North Platte-Odesa	19040	0	0	0	0	0	9686	36150	54246	101830	132126	64849	419727
Total, Guernsey-Odesa	65680	17910	0	0	0	0	64296	208640	390576	503660	518116	306844	2075722

MONTHLY EVAPORATION IN FEET—1949

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam	†	0.458	0.572	0.824	0.906	0.623	†
*Whalen Dam	†	†	0.638	0.855	0.821	0.528	†
*Bridgeport	†	0.478	0.586	0.799	0.699	0.502	0.322
*Kingsley Dam	†	0.693	0.622	0.881	0.728	0.459	0.281
**North Platte	†	†	0.482	0.652	0.648	0.428	†

*United States Weather Bureau Class "A" Pan.

**Pan 6 feet in diameter; 24 inches deep; in ground 20 inches.

†No record reported.

MONTHLY EVAPORATION IN FEET—1950

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam	†	0.472	0.651	0.637	0.665	0.460	†
*Whalen Dam	†	0.555	0.831	0.790	0.672	0.447	0.433
*Bridgeport	0.445	0.499	0.775	0.717	0.618	0.461	0.335
*Kingsley	0.345	0.482	0.790	0.624	0.584	0.366	0.339
**North Platte	0.366	0.405	0.702	0.533	0.436	0.379	†

*United States Weather Bureau Class "A" Pan.

**Pan 6 feet in diameter; 24 inches deep; in ground 20 inches.

†No record reported.

PRECIPITATION AT VARIOUS POINTS

Data Compiled by Water Years from Records of the
United States Weather Bureau
Values in Inches

Month	Normal		1949		1950	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*MITCHELL STATION, SCOTTSBLUFF COUNTY—ELEVATION, 4080						
October	1.05	1.05	0.94	0.94	1.49	1.49
November	.36	1.41	.51	1.45	.07	1.56
December	.44	1.85	.45	1.90	.05	1.61
January	.17	2.02	1.13	3.03	.13	1.74
February	.31	2.33	.00	3.03	.12	1.86
March	.56	2.89	.70	3.73	.37	2.23
April	1.55	4.44	1.36	5.09	.96	3.19
May	2.63	7.07	2.74	7.83	2.21	5.40
June	2.47	9.54	2.05	9.88	.54	5.94
July	1.78	11.32	2.19	11.97	2.22	8.16
August	2.02	13.34	1.35	13.32	.20	8.36
September	1.64	14.98	.64	13.96	2.56	10.92

*34-year record

*BRIDGEPORT STATION, MORRILL COUNTY—ELEVATION, 3666						
October	1.09	1.09	0.92	0.92	1.09	1.09
November	.43	1.52	.39	1.31	trace	1.09
December	.59	2.11	.45	1.76	.05	1.14
January	.39	2.50	.63	2.39	.24	1.38
February	.48	2.98	.00	2.39	.14	1.52
March	.82	3.80	.99	3.38	.96	2.48
April	2.12	5.92	1.53	4.91	.58	3.06
May	2.82	8.74	2.97	7.88	2.50	5.56
June	2.51	11.25	4.23	12.11	.99	6.55
July	1.98	13.23	2.05	14.16	2.81	9.36
August	1.71	14.94	.37	14.53	1.34	10.70
September	1.36	16.30	.26	14.79	3.40	14.10

*50-year record

*OSHKOSH STATION, GARDEN COUNTY—ELEVATION, 3393						
October	1.20	1.20	0.47	0.47	1.37	1.37
November	.62	1.82	.87	1.34	.03	1.40
December	.56	2.38	.47	1.81	.10	1.50
January	.34	2.72	1.59	3.40	.46	1.96
February	.60	3.32	.01	3.41	.19	2.15
March	.97	4.29	2.05	5.45	.79	2.94
April	2.22	6.51	.79	6.25	.79	3.73
May	2.79	9.30	5.13	11.38	1.99	5.72
June	2.67	11.97	1.77	13.15	.22	5.94
July	2.79	14.76	1.49	14.64	4.25	10.19
August	2.35	17.11	2.63	17.27	3.79	13.98
September	1.46	18.57	1.01	18.28	2.21	16.19

*34-year record

*NORTH PLATTE STATION, LINCOLN COUNTY—ELEVATION, 2805						
October	1.07	1.07	0.27	0.27	1.42	1.42
November	.47	1.54	.70	.97	.76	2.18
December	.53	2.07	.82	1.79	.45	2.63
January	.39	2.46	1.98	3.77	.31	2.94
February	.55	3.01	.14	3.91	.65	3.59
March	.86	3.87	4.17	8.08	.86	4.45
April	2.08	5.93	1.15	9.23	1.43	5.88
May	2.78	8.71	5.10	14.33	3.86	9.74
June	3.22	11.93	3.84	18.17	1.17	10.91
July	2.74	14.67	3.74	21.91	4.56	15.47
August	2.39	17.06	.95	22.86	7.16	22.63
September	1.35	18.41	1.97	24.83	1.83	24.46

*72-year record

REPORT OF THE STATE ENGINEER

PRECIPITATION AT VARIOUS POINTS—Continued

Month	Normal		1949		1950	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*LEXINGTON STATION, DAWSON COUNTY—ELEVATION, 2385						
October	1.74	1.74	0.53	0.53	0.83	0.83
November	.78	2.52	1.70	2.23	.00	.83
December	.69	3.21	.36	2.59	.25	1.08
January	.40	3.61	1.01	3.60	.33	1.41
February	.76	4.37	.04	3.64	.82	2.23
March	1.05	5.42	2.62	6.26	.97	3.20
April	2.40	7.82	.94	7.20	1.88	5.08
May	3.14	10.96	5.02	12.22	4.52	9.60
June	3.74	14.70	5.38	17.60	2.02	11.62
July	3.26	17.96	4.26	21.86	3.76	15.38
August	2.92	20.88	2.62	24.48	3.01	18.39
September	2.03	22.92	2.52	27.00	1.20	19.59

*59-year record

*GRAND ISLAND, HALL COUNTY—ELEVATION, 1860						
October	2.12	2.12	0.45	0.45	0.99	0.99
November	1.04	3.16	1.75	2.20	.08	1.07
December	.75	3.91	.78	2.98	.13	1.20
January	.55	4.46	.46	3.44	.48	1.68
February	.80	5.26	.29	3.73	1.41	3.09
March	1.32	6.58	2.44	6.17	.70	3.79
April	2.45	9.03	2.92	9.09	.79	4.58
May	3.95	12.98	4.93	14.02	4.11	8.69
June	4.05	17.03	4.55	18.57	3.51	12.20
July	3.55	20.58	1.40	19.97	9.60	21.80
August	3.52	24.10	2.05	22.02	2.14	23.94
September	2.96	27.06	3.77	25.79	.60	24.54

*57-year record

*COLUMBUS STATION, NORTH PLATTE COUNTY—ELEVATION, 1442						
October	1.84	1.84	1.60	1.60	1.69	1.69
November	1.17	3.01	1.27	2.87	trace	1.69
December	.71	3.72	.81	3.68	.26	1.95
January	.51	4.23	2.13	5.81	.77	2.72
February	.91	5.14	.23	6.04	1.03	3.75
March	1.21	6.35	2.34	8.38	.62	4.37
April	1.32	7.67	1.57	9.95	1.68	6.05
May	4.12	11.79	3.92	13.87	4.80	10.85
June	4.40	16.19	5.52	19.39	2.45	13.30
July	3.54	19.73	2.60	21.99	4.13	17.43
August	3.65	23.38	4.34	26.33	2.47	19.90
September	3.21	26.59	4.19	30.52	.36	20.26

*55-year record

*ORD STATION, VALLEY COUNTY—ELEVATION, 2062						
October	1.60	1.60	0.44	0.44	1.01	1.01
November	.87	2.47	2.19	2.63	.24	1.25
December	.69	3.16	.89	3.52	.53	1.78
January	.44	3.60	1.24	4.76	.56	2.34
February	1.69	4.29	.09	4.85	1.23	3.57
March	1.00	5.29	4.00	8.85	2.25	5.82
April	2.67	7.96	2.46	11.31	1.39	7.21
May	3.57	11.53	3.36	14.67	4.54	11.75
June	4.04	15.57	3.85	18.52	2.00	13.75
July	3.40	18.97	3.61	22.13	8.08	21.83
August	3.15	22.12	1.98	24.11	2.86	24.69
September	2.40	24.52	1.78	25.89	.91	25.60

*58-year record

PRECIPITATION AT VARIOUS POINTS—Concluded

Month	Normal		1949		1950	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
*GENOA STATION, NANCE COUNTY—ELEVATION, 1584						
October	1.80	1.80	0.88	0.88	1.16	1.16
November	1.00	2.80	1.71	2.59	.10	1.26
December	.86	3.66	1.46	4.05	.29	1.55
January	.52	4.18	1.30	5.35	.62	2.17
February	.74	4.92	.00	5.35	.82	2.99
March	1.13	6.05	2.11	7.46	.75	3.74
April	2.43	8.48	1.84	9.30	1.20	4.94
May	4.03	12.51	3.55	12.85	3.52	8.46
June	4.43	16.94	6.41	19.26	1.11	9.57
July	3.58	20.52	2.15	21.41	7.17	16.74
August	3.46	23.98	4.42	25.88	2.11	18.85
September	3.24	27.22	3.10	28.93	.59	19.44

*73-year record

***HOLDREGE STATION, PHELPS COUNTY—ELEVATION, 2935**

October	1.66	1.66	0.73	0.73	1.50	1.50
November	.90	2.56	1.70	2.43	.07	1.57
December	.66	3.22	.73	3.16	.20	1.77
January	.41	3.63	1.03	4.19	.38	2.15
February	.78	4.41	.57	4.76	1.37	3.52
March	1.05	5.46	2.48	7.24	1.32	4.84
April	2.62	8.08	2.35	9.59	1.70	6.54
May	3.78	11.86	5.84	15.43	11.75	18.29
June	3.81	15.67	5.45	20.88	1.38	19.67
July	3.25	18.92	2.42	23.30	3.37	23.04
August	2.97	21.89	2.03	25.33	2.77	25.81
September	2.12	24.01	2.05	27.38	4.27	30.08

*59-year record

***FORT ROBINSON STATION, DAWES COUNTY—ELEVATION, 3807**

October	1.39	1.39	1.00	1.00	0.77	0.77
November	.47	1.86	1.10	2.10	.12	.89
December	.68	2.54	.38	2.48	.07	.96
January	.52	3.06	2.36	4.84	.28	1.24
February	.65	3.71	.00	4.84	trace	1.24
March	.93	4.64	.55	5.39	.24	1.48
April	1.95	6.59	1.31	7.20	1.27	2.75
May	2.79	9.38	4.29	11.49	2.44	5.19
June	2.48	11.86	3.43	14.92	1.84	7.03
July	2.24	14.10	1.34	16.26	1.98	9.01
August	1.71	15.81	1.93	18.19	2.31	11.32
September	1.42	17.23	.70	18.89	3.19	14.51

*65-year record

***CULBERTSON STATION, HITCHCOCK COUNTY—ELEVATION, 2565**

October	1.30	1.30	0.38	0.38	1.66	1.66
November	.71	2.01	1.34	1.72	.25	1.91
December	.68	2.69	.45	2.17	.05	1.96
January	.34	3.03	.67	2.84	.21	2.17
February	.58	3.61	.13	2.97	1.42	3.59
March	1.04	4.65	3.43	6.40	.58	4.17
April	2.00	6.65	.78	7.18	1.26	5.43
May	2.98	9.63	5.53	12.71	3.78	9.21
June	3.28	12.91	3.26	15.97	.68	9.89
July	2.95	15.86	1.27	17.24	5.70	15.59
August	2.56	18.42	4.22	21.46	2.10	17.69
September	1.60	20.02	.53	21.99	2.34	20.03

*61-year record

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DAILY DISCHARGES
of
RIVERS and STREAMS

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BUREAU OF IRRIGATION

ARIKAREE RIVER AT HAIGLER—Sec. 28-1-41 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	9	11	2	1	60	71	14	25	28	0	50
2	10	10	10	2	1	60	130	11	25	15	0	25
3	10	10	10	2	1	69	113	10	25	10	0	20
4	8	10	11	0	1	58	84	9	32	5	0	16
5	12	9	14	1	1	50	135	8	58	3	0	18
6	16	8	9	1	0	44	139	18	48	2	0	22
7	16	6	8	2	1	36	102	85	179	1	0	22
8	17	6	8	3	1	36	67	174	159	87	0	21
9	15	6	11	4	6	35	74	81	84	40	0	22
10	14	6	11	3	12	30	58	50	95	13	0	22
11	16	8	11	3	20	25	84	284	50	9	0	16
12	16	4	14	3	15	35	56	311	35	164	0	20
13	14	3	16	2	45	30	44	89	139	19	0	18
14	10	5	19	2	40	15	40	306	126	8	0	15
15	8	5	16	1	35	5	35	69	60	22	67	14
16	10	5	16	1	45	25	33	78	39	9	68	14
17	7	4	17	2	110	25	28	120	54	5	18	4
18	8	5	12	2	184	38	27	95	60	2	35	12
19	6	2	14	2	197	32	27	84	32	0	11	12
20	6	4	14	2	81	32	29	72	23	0	4	10
21	7	4	15	2	74	51	39	386	17	0	6	6
22	8	3	16	1	69	42	28	53	15	0	3	4
23	8	2	14	1	81	34	22	51	14	0	0	5
24	11	2	9	2	67	30	20	44	15	0	0	5
25	14	5	8	2	69	30	14	36	15	0	0	2
26	11	8	6	1	74	62	12	34	12	0	0	2
27	10	8	5	1	60	74	19	30	10	0	0	1
28	10	9	4	2	56	50	21	28	303	0	15	1
29	9	11	3	2	..	46	17	42	23	0	98	1
30	9	..	2	1	..	25	16	33	10	0	23	2
31	7	..	..	..	..	26	..	..	..	0	273	..
Mean	11	6	11	2	48	39	54	88	59	14	20	14
Max.	17	11	19	4	197	74	139	386	303	164	273	50
Min.	6	2	2	0	0	5	12	8	10	0	0	1
A.F.	661	368	669	114	2670	2400	3200	5420	3530	876	1230	820

Total acre-feet 21960.

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD—Sec. 5-20-52 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	41	47	33	34	26	41	28	24	11	16	35	28
2	39	45	34	34	26	42	24	18	7	14	40	30
3	36	45	34	21	26	42	24	10	17	10	39	34
4	41	43	35	20	25	41	24	6	24	14	39	36
5	42	41	34	22	26	39	24	10	26	13	34	35
6	41	39	34	24	24	38	24	7	144	12	34	35
7	41	38	33	26	24	41	25	7	26	13	32	56
8	41	38	34	26	24	35	26	14	44	22	32	62
9	41	38	33	27	24	32	30	11	28	19	35	61
10	41	39	34	27	24	30	26	9	31	24	38	62
11	40	39	34	27	26	30	26	8	40	36	35	67
12	39	39	35	26	26	30	24	8	41	42	35	74
13	39	41	34	26	26	28	25	10	60	47	36	71
14	40	41	35	32	26	28	27	8	84	47	37	71
15	38	42	35	28	26	28	26	6	43	45	46	67
16	38	41	34	27	26	29	24	5	38	45	35	68
17	39	43	35	28	35	30	24	5	41	45	34	65
18	39	42	35	28	48	30	24	5	40	44	34	66
19	39	39	35	28	42	29	24	26	43	42	32	65
20	39	38	35	26	37	28	24	18	35	38	32	56
21	39	37	35	28	37	28	24	28	27	33	34	47
22	39	37	35	28	38	28	24	34	30	32	34	47
23	40	38	35	28	39	30	22	32	26	30	32	47
24	40	38	37	31	40	36	22	16	23	32	32	48
25	39	37	35	29	41	36	22	30	14	38	28	51
26	38	33	35	28	42	36	22	30	14	43	24	52
27	39	32	35	28	41	34	22	22	19	39	24	52
28	39	32	33	27	41	34	22	20	15	34	29	54
29	76	32	34	26	..	36	22	20	18	42	28	54
30	50	32	35	26	..	32	26	15	15	46	29	57
31	47	..	34	26	..	30	..	12	..	36	34	..
Mean	41	39	34	27	32	33	24	15	34	32	34	54
Max.	76	47	37	34	48	42	30	34	144	47	46	74
Min.	36	32	33	20	24	28	22	5	7	10	24	28
A.F.	2540	2310	2120	1670	1760	2040	1450	939	2030	1970	2070	3220

Total acre-feet 24120.

REPORT OF THE STATE ENGINEER

BEAR CREEK NEAR ELI—Sec. 25-34-36 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	3	11	2	5	12	46	16	13	6	4	2
2	2	4	10	2	5	15	36	17	12	5	3	2
3	2	3	10	2	5	20	24	14	11	5	3	2
4	2	4	10	2	5	28	26	11	10	5	3	2
5	2	5	11	2	5	31	26	13	9	6	3	2
6	2	5	12	2	5	35	25	15	10	8	3	3
7	3	4	12	2	5	32	24	17	12	8	2	3
8	3	4	12	2	5	31	24	16	11	9	2	3
9	3	4	12	2	5	32	23	15	10	5	2	3
10	2	4	11	2	5	26	23	15	10	4	3	3
11	2	4	11	2	5	31	22	16	10	4	3	3
12	3	3	10	2	5	33	28	16	10	4	3	3
13	3	4	9	2	5	41	29	16	9	4	3	3
14	3	4	9	2	5	25	35	17	9	4	3	3
15	3	11	9	2	5	23	39	19	8	5	3	3
16	3	17	7	1	10	22	45	20	6	4	3	3
17	3	16	7	1	10	12	41	19	4	4	3	2
18	3	16	6	1	10	12	34	18	4	3	4	2
19	2	14	6	1	10	14	30	18	3	3	3	2
20	2	11	10	1	10	18	25	18	2	5	3	2
21	2	10	10	1	10	23	23	18	5	4	3	2
22	2	11	8	1	10	31	23	19	3	3	2	2
23	3	13	8	1	10	42	22	25	4	4	2	2
24	2	13	5	1	10	44	22	27	6	5	3	2
25	2	13	3	1	10	37	20	28	5	4	2	2
26	2	13	3	1	10	46	20	25	4	3	2	2
27	2	13	3	1	10	47	18	25	4	3	2	2
28	2	15	3	1	10	50	16	19	4	3	2	2
29	3	13	3	1	..	50	15	15	8	3	2	2
30	5	12	3	1	..	48	15	14	6	3	2	3
31	8	..	3	1	..	47	..	14	..	3	..	..
Mean	3	9	8	2	7	31	27	18	7	4	3	2
Max.	8	17	12	2	10	50	46	28	13	9	4	3
Min.	2	3	3	1	5	12	15	11	2	3	2	2
A.F.	168	531	489	91	407	1910	1590	1100	440	272	165	145

Total acre-feet 7310.

BEAVER CREEK NEAR BEAVER CITY—Sec. 23-2-23 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	6	3	1	80	32	23	109	52	18	38
2	1	3	6	2	1	80	29	21	189	53	20	35
3	1	5	5	2	1	65	30	18	100	109	17	33
4	1	3	5	2	1	60	34	16	139	82	16	45
5	1	2	4	2	1	60	32	102	127	62	15	58
6	1	2	4	2	1	60	36	663	124	56	14	113
7	0	2	4	2	1	60	37	314	213	58	13	151
8	0	1	3	2	1	55	33	860	314	58	12	113
9	1	1	3	2	1	45	31	531	420	50	11	112
10	1	1	4	2	1	40	38	470	274	45	11	168
11	1	1	5	2	1	30	54	266	226	40	10	151
12	1	2	6	2	1	30	58	210	163	37	10	85
13	1	2	5	2	2	30	58	158	330	34	12	66
14	1	1	6	2	2	30	57	127	172	34	11	56
15	0	2	6	1	2	25	54	109	175	33	10	49
16	0	2	7	1	3	20	53	204	109	34	8	44
17	0	2	6	1	15	25	52	164	103	31	242	40
18	0	3	5	1	20	30	50	91	253	29	384	40
19	0	4	6	1	25	35	46	103	298	29	161	36
20	1	4	5	1	30	30	44	109	189	31	154	34
21	1	4	5	1	35	31	42	490	161	31	189	32
22	1	4	5	1	100	31	40	258	127	30	210	30
23	1	4	5	1	180	27	38	274	100	31	210	28
24	1	4	5	1	190	27	36	274	74	24	210	26
25	1	3	3	1	170	26	34	258	68	21	213	24
26	1	4	2	1	110	29	32	226	64	21	189	22
27	1	5	2	1	100	29	31	145	62	21	106	21
28	1	5	2	1	100	29	29	151	62	15	74	19
29	1	4	3	1	..	29	27	136	61	17	59	18
30	1	5	3	1	..	32	25	124	56	17	50	17
31	1	..	3	1	..	33	..	109	..	17	43	..
Mean	1	3	4	2	39	39	49	226	163	39	87	57
Max.	1	5	7	3	190	80	58	860	420	109	384	163
Min.	0	1	2	1	1	20	1	25	16	15	5	17
A.F.	40	170	276	91	2170	2410	2360	13900	9670	2350	5370	3400

Total acre-feet 42237.

BUREAU OF IRRIGATION

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BEAVER CREEK NEAR GENOA—Sec. 14-17-4 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	54	77	85	55	120	110	420	108	782	259	55	71
2	54	75	95	55	110	110	353	108	2790	139	60	67
3	54	72	95	60	95	120	288	117	727	112	56	67
4	53	70	90	70	85	200	334	115	237	104	53	84
5	53	71	80	70	80	310	393	107	186	98	50	104
6	56	72	45	70	80	410	405	106	173	117	46	104
7	58	70	70	75	75	500	433	102	167	94	44	151
8	60	73	80	70	75	610	470	108	162	91	47	84
9	62	77	80	65	75	680	481	124	154	168	52	86
10	65	77	100	65	80	700	380	121	210	97	48	232
11	66	76	90	75	75	610	302	138	270	90	45	230
12	64	76	95	75	80	340	310	139	338	103	47	110
13	63	76	85	75	65	160	312	117	353	146	54	94
14	62	76	85	80	55	130	276	107	302	114	118	94
15	60	76	85	85	80	120	266	135	243	93	502	85
16	59	76	80	75	80	110	243	107	246	90	551	82
17	59	76	80	70	75	110	266	122	232	85	294	78
18	61	77	85	60	80	110	328	172	172	83	113	76
19	60	75	75	45	80	120	340	128	165	79	296	73
20	58	75	80	45	75	160	266	110	144	78	122	72
21	41	70	85	70	75	284	207	420	133	85	102	68
22	56	70	85	60	85	272	183	595	136	77	110	63
23	63	55	85	75	85	349	159	336	125	73	97	67
24	65	70	80	70	80	332	154	332	131	70	86	70
25	61	90	70	70	85	376	142	349	117	67	80	66
26	60	85	75	70	90	365	136	328	111	65	79	68
27	64	90	80	70	95	395	125	273	110	72	77	67
28	66	95	75	75	100	430	119	217	108	56	75	67
29	68	95	75	80	...	416	115	214	334	67	73	67
30	73	95	65	95	...	458	110	248	274	58	72	66
31	73	...	70	115	...	481	...	164	...	70	72	...
Mean	60	77	81	71	83	320	277	189	321	97	115	91
Max.	73	95	100	115	120	700	481	595	2790	259	551	232
Min.	41	55	45	45	55	110	110	102	108	56	44	66
A.F.	3710	4580	4970	4340	4590	19690	16490	11650	19100	5960	7090	5390

Total acre-feet 107560.

BEAVER CREEK AT LORETTO—Sec. 26-21-7 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	36	48	55	45	60	80	235	70	104	54	35	36
2	36	48	55	45	55	80	260	71	97	53	34	36
3	36	47	55	45	55	100	341	65	89	51	32	35
4	37	48	55	50	55	137	357	62	83	47	32	42
5	36	50	55	50	55	193	386	60	77	45	31	46
6	37	53	40	55	55	316	448	62	74	44	31	51
7	39	52	60	55	55	458	464	64	73	43	31	61
8	42	51	65	55	55	500	333	66	101	43	30	54
9	42	49	70	55	55	437	217	94	190	47	31	51
10	41	47	70	50	55	247	218	89	230	55	33	53
11	40	48	70	50	55	157	247	71	304	74	33	56
12	40	48	70	50	55	125	198	64	243	56	31	55
13	40	49	70	50	50	113	149	58	189	49	31	52
14	40	49	70	50	55	106	136	56	182	47	32	51
15	40	49	70	55	60	95	167	64	192	45	32	47
16	40	48	60	50	60	94	244	68	118	43	32	46
17	40	49	60	40	60	89	301	68	95	41	37	43
18	41	47	60	55	60	88	228	66	83	39	39	40
19	42	35	60	50	65	93	145	57	76	38	47	39
20	41	30	60	50	65	119	116	55	70	38	55	39
21	41	40	60	50	65	210	104	128	72	37	46	38
22	41	65	60	50	70	271	97	222	76	35	41	37
23	42	65	60	55	75	273	88	305	62	35	39	38
24	42	65	60	55	75	255	80	300	57	36	36	39
25	42	70	60	50	80	264	76	248	54	34	35	38
26	42	75	55	50	80	298	74	180	51	34	37	38
27	43	75	55	55	80	354	70	141	58	36	37	38
28	43	65	55	50	80	389	67	123	59	35	39	39
29	46	60	55	40	...	368	65	117	147	35	39	40
30	53	60	55	45	...	315	63	129	64	33	39	41
31	50	...	55	55	...	318	...	117	...	37	37	...
Mean	41	53	61	50	62	224	199	108	112	43	36	41
Max.	53	75	70	55	80	500	464	305	304	74	55	61
Min.	36	30	40	40	50	80	63	55	51	34	30	35
A.F.	2520	3140	3760	3090	3460	13770	11850	6620	6680	2670	2210	2620

Total acre-feet 62390.

REPORT OF THE STATE ENGINEER

 BIRDWOOD CREEK NEAR HERSHEY—Sec. 2-14-33 W.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	120	151	162	160	160	174	625	174	171	104	130	110
2	125	151	160	170	130	186	206	145	156	129	122	114
3	122	158	169	150	160	211	178	156	154	136	125	119
4	119	153	174	115	160	220	181	160	153	136	109	127
5	130	145	169	160	165	209	183	162	162	136	104	147
6	139	145	166	160	160	206	188	156	166	321	105	225
7	127	145	162	160	170	196	181	166	206	176	102	164
8	139	143	164	150	160	183	196	220	162	162	99	164
9	151	143	166	150	170	174	220	169	169	139	99	156
10	154	147	174	150	170	158	186	176	160	134	122	151
11	151	145	164	150	170	160	174	181	154	143	125	151
12	156	151	156	150	170	169	176	178	160	171	122	154
13	154	145	166	150	170	169	178	188	196	147	134	130
14	156	158	158	150	180	169	174	220	166	139	118	129
15	143	151	156	150	175	160	166	183	156	151	113	127
16	138	138	154	150	175	160	169	204	156	149	113	127
17	138	158	149	150	150	169	171	198	158	143	149	132
18	134	160	154	150	180	191	171	186	160	130	147	134
19	130	139	156	150	165	204	176	174	156	134	145	130
20	139	145	158	150	160	198	171	176	158	143	141	125
21	136	169	166	150	170	201	178	231	158	145	143	124
22	138	169	158	150	190	160	171	193	160	130	114	124
23	138	181	160	180	205	176	181	176	156	125	99	122
24	138	178	169	180	210	181	178	174	158	106	97	129
25	138	183	169	150	205	162	178	164	158	109	99	130
26	139	169	150	150	190	211	176	160	154	113	99	127
27	138	164	160	165	188	196	171	156	166	113	104	122
28	134	160	165	140	178	176	166	154	156	109	111	125
29	164	160	170	140	...	162	160	156	154	129	132	122
30	156	164	170	155	...	162	171	186	124	130	130	130
31	151	...	165	155	...	334	...	164	...	129	122	...
Mean	140	156	162	151	175	187	193	177	161	141	119	136
Max.	164	183	174	170	210	334	625	231	206	321	149	225
Min.	119	138	149	115	160	158	160	145	124	104	97	110
A.F.	8600	9270	9980	9280	9710	11480	11500	10880	9580	8650	7290	8080

Total acre-feet 114300.

 BLACKWOOD CREEK NEAR CULBERTSON—Sec. 10-3-31 W.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	8	0	0	0	2	0	1	1	17	2	1
2	2	10	1	0	0	2	1	0	1	13	1	1
3	2	10	0	0	0	2	1	0	2	12	2	0
4	4	10	0	0	0	2	1	0	3	11	1	0
5	3	8	0	0	0	1	1	0	2	8	1	0
6	5	2	0	0	0	1	1	1	3	6	1	2
7	14	1	0	0	0	1	1	1	96	1	1	2
8	15	0	0	0	0	1	1	4	10	1	0	2
9	4	0	0	0	0	1	0	2	2	0	0	2
10	4	1	0	0	0	1	1	1	1	0	1	5
11	3	1	0	0	0	0	1	0	1	0	1	4
12	4	1	0	0	2	0	1	0	5	2	1	6
13	5	1	0	0	1	0	1	0	69	2	1	8
14	6	0	0	0	1	0	0	4	26	1	0	8
15	6	0	0	0	1	0	0	2	5	1	0	8
16	12	0	0	0	1	0	0	1	1	1	1	8
17	7	0	0	0	1	0	0	0	1	2	13	10
18	6	1	0	0	2	0	0	0	3	1	15	12
19	7	1	0	0	2	0	0	1	29	0	3	11
20	5	1	0	0	1	0	1	22	9	1	1	6
21	5	1	0	0	0	1	1	17	14	1	1	2
22	5	1	0	0	2	0	0	2	19	0	2	1
23	5	1	0	0	10	0	0	3	18	0	1	2
24	2	1	0	0	10	0	0	3	18	0	0	2
25	0	1	0	0	20	0	0	7	18	0	1	5
26	1	1	1	0	15	1	0	7	18	0	33	5
27	2	1	1	0	11	1	0	8	16	2	5	3
28	3	0	1	0	6	0	0	5	16	1	1	2
29	3	0	1	0	...	0	0	3	19	1	2	2
30	3	0	1	0	...	0	1	5	54	2	2	2
31	8	...	1	0	...	0	...	4	...	1	2	...
Mean	5	2	0	0	3	1	1	3	16	3	3	4
Max.	15	10	1	0	20	2	1	22	96	17	33	12
Min.	0	0	0	0	0	0	0	0	1	0	0	0
A.F.	303	122	31	17	174	43	35	207	951	181	176	244

Total acre-feet 2480.

BUREAU OF IRRIGATION

465

BLUE CREEK NEAR LEWELLEN—Sec. 30-16-42 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	36	89	93	90	80	132	114	112	88	2	16	34
2	30	91	95	90	80	136	114	96	93	2	12	40
3	36	100	97	90	80	152	114	92	87	2	44	49
4	34	96	100	90	85	155	114	91	82	2	33	54
5	32	100	93	90	75	151	114	93	84	5	116	60
6	30	98	100	90	70	145	107	98	81	131	5	82
7	45	98	104	90	75	140	98	102	100	55	2	60
8	52	99	104	90	85	134	98	131	100	39	2	55
9	32	100	100	90	80	128	103	127	83	41	2	57
10	31	102	102	90	85	124	102	97	86	41	11	61
11	26	101	101	90	90	122	96	93	77	42	9	63
12	27	100	102	90	90	122	97	97	106	38	10	64
13	27	99	103	90	90	118	97	105	112	24	8	60
14	25	98	101	90	95	113	105	101	112	10	13	60
15	24	96	95	90	95	118	100	98	98	16	18	61
16	53	95	89	80	95	122	102	103	82	20	12	67
17	56	94	89	80	95	114	101	106	78	23	9	65
18	60	93	89	80	100	106	98	104	77	22	10	65
19	56	92	87	80	100	110	98	100	78	10	12	64
20	52	92	88	80	90	108	98	107	77	2	17	60
21	53	92	90	80	95	104	96	129	76	1	21	54
22	59	93	90	80	80	98	94	128	72	1	15	46
23	59	93	91	80	130	105	92	103	62	0	12	40
24	60	93	90	80	130	115	93	109	44	0	4	40
25	67	93	87	80	130	106	92	98	10	0	3	41
26	76	93	78	80	130	113	91	94	7	0	2	45
27	76	93	60	80	130	113	90	90	6	0	1	39
28	78	94	45	80	130	113	91	88	5	2	2	18
29	93	94	80	80	...	113	91	89	3	6	60	9
30	98	94	90	80	...	113	94	92	3	21	42	8
31	91	90	80	80	...	113	91	91	...	21	32	...
Mean	51	95	91	85	96	121	100	102	69	19	18	51
Max.	98	102	104	90	130	155	114	131	112	131	116	82
Min.	24	89	45	80	70	98	90	88	2	0	1	8
A.F.	3120	5680	5600	5220	5340	7450	5940	6280	4100	1150	1100	3020

Total acre-feet 54000.

BLUE RIVER, BIG, NEAR CRETE—Sec. 3-7-4 E.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2960	....	....
2
3
4	2960	....	....	....	....	....	....
5	6300	....	....	....	....	....	....
6	14200	....	....	....	....	....	....
7	19200	....	....	....	....	....	1740
8	20200	....	....	....	....	....	1610
9	14900	....	....	1450	....	....	1850
10	10500	....	....	5970	....	....	2540
11	7510	....	....	4240	....	....	3720
12	4610	....	....	2210	....	....	3210
13	2460	....	....	3800	....	....	2080
14	6670	....	....	....
15	4830	....	....	....
16	3440	....	....	....
17	2160	....	....	....
18
19
20	1440	....	....	....	....	....	....
21	2320	....	....	1640	....	....	....
22	2310	....	....	1740	....	....	....
23	2480	....	....	2090	....	....	....
24	1850	....	....	2110	3150	....	....
25	1640	....	....	1930	2140	....	....
26	1600	....	....	....
27
28
29	1760
30	3850
31
Mean
Max.	20200	2110	6870	2960	3720
Min.
A.F.

Total acre-feet 20200.

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BLUE RIVER, BIG, AT BARNSTON—Sec. 13-1-7 E.

Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	254	226	217	156	486	3500	870	518	946	4160	557	1120
2	248	112	226	156	486	2650	822	474	1190	4470	406	380
3	242	168	156	348	394	2210	786	450	702	2870	303	642
4	174	247	176	1110	288	2780	732	440	748	1640	361	790
5	164	201	301	866	290	5190	640	391	1440	1330	282	1060
6	162	490	306	680	268	9000	688	410	2100	1080	286	3610
7	135	653	372	600	314	13000	658	388	2180	867	284	10900
8	76	535	278	526	224	18400	628	1320	1950	1740	250	8760
9	126	333	296	540	194	22200	552	9810	2630	6690	256	7280
10	195	264	236	500	224	21000	544	4810	2690	5770	172	4780
11	181	190	164	450	376	17500	540	3150	3900	2550	172	6490
12	198	194	198	600	2090	11400	550	2280	6380	1130	1030	10600
13	173	189	207	531	2290	7600	541	1530	7160	864	1040	8210
14	173	222	160	373	2300	4600	568	1130	4700	884	2960	4050
15	187	203	193	1520	1630	1940	774	954	5880	1380	2550	3900
16	138	168	238	4160	1370	1520	1430	850	8360	1240	1470	2950
17	104	216	216	2140	1300	1130	1140	758	8310	866	1150	1800
18	128	264	210	1300	3140	1010	916	776	5780	693	780	1300
19	96	232	106	867	4660	950	990	1400	2840	609	1920	950
20	215	210	172	680	3050	1270	1060	794	1860	521	1440	794
21	198	102	174	453	1900	2770	874	1860	1820	488	1430	632
22	171	151	191	318	1400	4140	756	4060	1800	482	1340	590
23	169	149	173	2480	2860	4490	709	8360	1360	429	1340	507
24	86	189	204	4680	6000	4470	628	8470	3550	3310	962	456
25	115	221	170	2970	6400	4050	590	6500	7060	1580	775	400
26	121	219	118	1950	5770	3240	512	4620	6360	912	612	432
27	82	237	186	1400	5360	2470	476	3210	5620	804	658	409
28	77	210	161	1300	4440	1170	444	2180	21200	794	1280	318
29	95	261	182	1070	.....	1220	467	1720	7850	1280	1060	260
30	150	206	182	772	.....	1060	487	1180	2880	1080	1180	364
31	193	.....	177	618	.....	916	.....	988	.....	702	1230	.....
Mean	154	245	205	1165	2116	5769	711	2445	4374	1717	953	2644
Max.	254	653	372	4680	6400	22200	1430	9810	21200	6690	2960	10900
Min.	36	102	106	156	194	916	444	388	702	429	172	260
A.F.	9470	14580	12610	71630	117500	354700	42330	150300	260300	105600	58620	169200

Total acre-feet 1367000.

BLUE RIVER, LITTLE, NEAR ENDICOTT—Sec. 6-1-3 E.

Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	107	124	135	100	155	4400	359	217	416	540	206	206
2	104	122	140	110	155	3390	413	236	392	370	189	195
3	104	122	140	145	155	1700	405	261	359	350	176	185
4	104	124	140	220	155	2740	354	241	344	335	164	941
5	102	192	150	160	155	9320	314	228	392	320	158	692
6	108	295	150	130	165	13900	293	221	737	305	148	4430
7	113	196	145	130	160	12900	277	1300	2150	300	146	12300
8	107	162	145	120	155	6910	268	1790	2800	319	140	5660
9	112	148	135	160	155	2390	256	1720	10100	1420	144	1320
10	110	137	90	135	155	1320	277	3150	15800	1050	405	1060
11	107	132	100	125	185	962	272	2350	11900	505	930	1400
12	108	130	115	155	225	772	252	1300	11800	359	344	2430
13	107	129	140	155	170	662	243	762	13200	307	482	1690
14	108	129	160	145	120	582	268	576	21100	298	1980	958
15	100	129	155	185	130	510	453	483	13400	310	592	1140
16	108	130	140	250	160	453	726	434	2780	298	314	579
17	110	125	120	215	160	431	592	395	1480	346	245	416
18	118	125	145	205	160	403	456	364	1180	284	243	346
19	115	120	145	198	160	440	349	547	1020	245	849	300
20	115	85	150	185	160	1220	300	1920	720	250	573	277
21	113	115	140	185	160	1840	279	6010	510	220	324	293
22	113	115	140	190	160	1520	263	18200	680	221	254	426
23	113	105	140	500	250	1180	245	9460	1100	243	208	392
24	112	115	135	200	1000	852	232	3040	1740	978	206	259
25	113	125	120	100	2500	675	223	1560	1360	445	195	223
26	115	125	95	150	4500	589	217	1090	702	293	185	206
27	115	125	105	150	6300	534	210	842	970	364	193	197
28	115	125	135	150	6000	497	204	659	2810	586	263	189
29	124	130	130	150	.....	511	202	561	1960	298	334	183
30	136	140	115	150	.....	429	204	494	810	239	250	172
31	127	.....	100	150	.....	385	.....	448	.....	221	228	.....
Mean	112	136	132	171	859	2401	314	1963	4157	407	357	1300
Max.	136	295	160	500	6300	13900	726	18200	21100	1420	1980	12300
Min.	100	85	90	100	120	385	202	217	344	221	140	172
A.F.	6860	8080	8120	10510	47730	147600	18660	120700	247400	25050	21950	77370

Total acre-feet 740000.

BUREAU OF IRRIGATION

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BUFFALO CREEK NEAR HAIGLER—Sec. 20-1-40 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	8	10	10	7	12	25	10	11	8	1	9
2	10	8	11	7	4	12	30	10	10	8	1	9
3	10	9	11	1	6	12	28	10	10	8	2	9
4	10	9	12	3	6	12	19	10	11	8	2	8
5	10	9	11	7	5	12	22	10	11	8	2	8
6	11	10	12	15	4	12	19	11	13	7	2	8
7	11	10	13	12	9	10	16	15	17	7	2	8
8	11	9	10	12	20	11	13	24	13	7	1	8
9	11	10	12	12	17	12	12	17	11	7	1	9
10	11	10	11	12	25	12	13	12	10	6	1	9
11	11	10	10	12	25	12	13	16	9	7	1	9
12	11	10	10	12	7	12	12	12	9	8	1	9
13	10	9	10	12	7	12	11	11	10	7	1	9
14	10	8	10	10	13	12	11	11	11	8	1	9
15	12	9	9	12	12	10	12	9	8	3	3	9
16	11	9	11	8	9	11	10	12	9	7	3	9
17	12	8	11	7	12	12	10	11	9	7	6	9
18	12	10	10	10	13	12	11	11	18	7	9	9
19	11	10	12	10	12	12	11	12	14	6	7	9
20	11	7	11	10	11	12	11	12	11	6	6	9
21	11	8	12	10	13	20	12	13	10	4	6	9
22	11	8	10	10	14	14	11	11	10	4	5	9
23	11	8	10	10	14	13	10	12	9	4	4	9
24	11	8	9	10	13	12	10	12	10	7	4	9
25	11	8	9	10	12	12	12	11	9	5	4	9
26	10	8	10	10	14	23	12	10	9	3	5	9
27	10	8	15	10	12	18	12	10	9	2	4	8
28	10	8	12	10	12	13	11	10	9	1	6	9
29	11	10	10	10	..	13	11	11	7	1	9	9
30	9	10	10	10	..	12	11	12	8	1	9	9
31	8	..	10	10	..	15	..	11	..	2	11	..
Mean	11	9	11	10	12	13	14	12	10	6	4	9
Max.	12	10	15	15	25	23	30	24	18	8	11	9
Min.	8	7	9	1	4	10	10	7	7	1	1	8
A.F.	653	528	663	597	649	795	831	738	625	352	233	516

Total acre-feet 7180.

BUFFALO CREEK NEAR DARR—Sec. 28-11-22 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	0	0	0	0	0	0	0	0	9	0	8
2	8	0	0	0	0	0	0	0	0	13	0	8
3	8	0	0	0	0	0	0	0	0	11	1	3
4	12	0	0	0	0	0	0	0	0	12	1	0
5	12	0	0	0	0	0	0	0	0	14	2	0
6	12	0	0	0	0	0	0	0	0	17	0	0
7	4	0	0	0	0	0	0	0	0	16	0	0
8	13	0	0	0	0	0	0	0	0	17	0	0
9	12	0	0	0	0	0	0	0	7	16	4	0
10	17	0	0	0	0	0	0	0	3	13	4	3
11	12	0	0	0	0	0	0	0	2	8	2	7
12	8	0	0	0	0	0	0	0	7	5	0	11
13	7	0	0	0	0	0	0	0	16	6	0	8
14	14	0	0	0	0	0	0	0	7	7	0	5
15	19	0	0	0	0	0	0	0	2	2	0	2
16	19	0	0	0	0	0	0	0	0	1	0	0
17	12	0	0	0	0	0	0	0	0	0	0	0
18	9	0	0	0	0	0	0	0	0	0	0	0
19	14	0	0	0	0	0	0	0	0	0	0	0
20	10	0	0	0	0	0	0	0	0	0	0	0
21	13	0	0	0	0	0	0	0	0	0	1	0
22	11	0	0	0	0	0	0	0	1	0	1	0
23	16	0	0	0	10	0	0	0	10	0	1	12
24	10	0	0	0	30	0	0	0	14	0	1	20
25	3	0	0	0	45	0	0	0	12	0	0	13
26	1	0	0	0	4	0	0	0	8	0	0	14
27	0	0	0	0	2	0	0	0	13	0	2	12
28	2	0	0	0	1	0	0	0	14	0	6	15
29	2	0	0	0	..	0	0	0	13	0	6	14
30	0	0	0	0	..	0	0	0	10	0	8	22
31	0	..	0	0	..	0	..	0	..	0	8	..
Mean	9	0	0	0	5	0	0	0	5	5	2	6
Max.	19	0	0	0	80	0	0	0	16	17	8	22
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	567	0	0	0	282	5	3	0	278	334	109	354

Total acre-feet 1930.

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BUFFALO CREEK—Sec. 33-9-18 W.
Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	4	24	54	12	60
2	3	21	44	15	79
3	3	20	38	15	53
4	3	12	30	11	70
5	4	27	20	19	103
6	5	25	23	28	62
7	4	1310	183	18	56
8	8	807	173	27	58
9	10	244	109	35	53
10	10	135	98	44	49
11	9	50	101	29	78
12	6	50	99	21	358
13	5	38	67	16	165
14	7	23	61	15	86
15	5	10	86	23	79
16	5	15	94	20	89
17	5	32	117	61	45
18	5	29	97	79	33
19	13	21	55	150	19
20	10	8	36	206	13
21	8	32	28	154	11
22	17	28	22	78	9
23	13	19	35	63	10
24	19	26	38	86	9
25	14	30	28	71	8
26	10	29	23	45	6
27	8	42	17	40	18
28	7	41	14	29	23
29	52	42	17	32	17
30	47	52	14	36	13
31	32	..	9	47	..
Mean	11	109	59	49	53
Max.	52	1310	183	206	358
Min.	3	10	9	11	6
A.F.	700	6470	3620	3020	3440

CEDAR CREEK—Sec. 11-18-48 W.
Water Year Ending September 10, 1949

Day	May	June	July	Aug.	Sept.
1	11	2	1	6	3
2	11	2	0	6	3
3	11	2	0	6	3
4	11	11	0	4	3
5	12	11	0	4	3
6	12	15	0	3	3
7	13	14	0	5	3
8	13	9	2	5	3
9	13	9	2	5	3
10	12	8	3	4	10
11	12	2	2	4	10
12	12	2	2	4	9
13	12	3	2	4	9
14	12	2	2	4	14
15	11	2	2	12	14
16	11	2	10	11	14
17	11	10	16	13	13
18	11	10	15	13	13
19	11	10	26	12	13
20	12	10	3	12	12
21	12	10	4	12	12
22	14	10	5	12	12
23	14	10	4	4	12
24	14	11	4	4	12
25	14	10	4	4	12
26	14	10	4	4	10
27	10	2	3	3	10
28	10	10	4	3	10
29	10	2	4	3	10
30	11	2	4	3	10
31	11	..	5	3	..
Mean	12	7	4	6	9
Max.	14	15	26	13	14
Min.	10	2	0	3	3
A.F.	730	420	270	380	530

BUFFALO CREEK NEAR OVERTON—Sec. 20-9-19 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	88	23	74
2	78	22	61
3	75	22	60
4	66	27	86
5	51	33	63
6	113	28	55
7	145	33	58
8	107	44	56
9	108	55	53
10	111	44	53
11	111	33	170
12	91	29	91
13	79	25	71
14	92	29	78
15	100	37	75
16	116	68	60
17	106	73	38
18	60	76	23
19	68	60	18
20	75	42	14
21	71	39	13
22	64	50	8
23	70	44	8
24	72	34	6
25	72	28	5
26	81	25	15
27	80	23	24
28	79	24	18
29	89	23	13
30	95	18	12
31	19	..
Mean	75	69	46
Max.	95	145	170
Min.	60	18	5
A.F.	1940	4250	2750

Total acre-feet 12210.

BUREAU OF IRRIGATION

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CALAMUS RIVER NEAR BURWELL—Sec. 8-21-16 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	235	249	280	230	260	400	250	305	305	282	273	267
2	238	249	276	240	260	390	322	302	315	282	261	261
3	240	243	267	180	260	369	442	295	315	273	258	264
4	246	255	273	160	260	396	486	289	308	264	252	276
5	249	270	261	240	260	446	468	286	305	261	249	267
6	249	252	243	250	260	472	468	289	312	264	249	292
7	243	249	249	260	270	468	536	279	424	270	252	292
8	238	249	270	260	270	429	592	276	392	295	249	292
9	235	252	258	230	270	388	554	292	400	276	243	289
10	238	243	255	230	280	358	536	302	408	261	267	289
11	238	243	282	250	290	340	540	292	388	261	276	312
12	240	243	343	250	260	326	504	282	404	261	273	312
13	240	243	302	250	240	315	442	273	388	264	273	305
14	243	243	252	260	290	305	396	267	380	264	276	298
15	249	243	260	260	280	279	358	264	365	258	315	292
16	246	243	260	220	280	292	343	264	373	255	298	289
17	246	243	250	230	280	276	326	258	373	249	315	279
18	246	252	260	230	280	276	315	252	312	229	329	270
19	249	260	250	220	280	295	305	249	298	224	358	261
20	246	300	250	220	280	318	286	258	286	224	312	258
21	243	360	240	220	290	354	270	347	276	224	295	255
22	249	400	230	220	290	354	273	404	264	238	292	255
23	255	450	230	230	310	365	270	424	255	243	279	258
24	258	420	240	230	340	369	361	408	252	243	264	267
25	252	380	250	230	360	358	261	380	258	243	249	264
26	246	370	240	240	400	380	261	347	252	261	258	258
27	249	320	250	240	410	412	267	329	270	270	264	261
28	249	310	250	240	400	420	276	315	282	264	273	258
29	261	280	240	250	...	446	276	312	347	279	289	267
30	258	260	230	250	...	504	282	312	302	295	289	267
31	252	...	240	250	...	260	...	302	...	279	279	...
Mean	246	286	257	235	293	366	372	305	327	260	278	276
Max.	261	450	343	260	410	504	592	424	424	295	358	312
Min.	235	243	230	160	240	260	250	249	252	224	243	255
A.F.	15130	17010	15830	14420	16280	22530	22150	18750	19460	15980	17080	16410

Total acre-feet 211030.

CEDAR RIVER NEAR SPALDING—Sec. 5-20-10 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	88	114	130	100	100	130	350	136	201	103	100	109
2	112	109	150	90	100	180	280	129	185	146	107	105
3	100	112	95	80	110	221	207	142	203	114	99	109
4	95	118	85	95	100	192	205	123	187	127	100	116
5	92	131	130	90	100	228	228	134	181	127	100	168
6	99	136	120	90	110	249	315	123	166	114	94	129
7	103	109	110	100	110	194	744	121	201	116	94	158
8	100	100	90	110	110	200	657	136	219	127	84	131
9	97	102	85	95	120	200	475	140	221	136	88	121
10	109	103	120	90	100	200	533	146	214	158	102	129
11	102	110	120	90	100	170	395	144	186	131	89	129
12	100	116	110	90	100	110	353	132	198	123	102	138
13	107	97	146	95	110	90	458	131	198	119	105	129
14	103	114	148	90	100	85	428	134	198	107	91	102
15	123	102	134	90	100	80	383	134	183	116	89	127
16	112	102	150	80	100	80	292	127	196	77	94	127
17	100	114	154	90	110	85	214	118	246	132	121	116
18	99	100	138	80	110	110	263	132	181	107	142	118
19	112	85	142	95	110	120	253	142	228	95	146	123
20	109	95	136	90	95	160	198	123	205	95	203	116
21	99	95	131	85	100	164	194	158	228	95	123	114
22	116	100	138	90	100	214	175	292	164	95	127	116
23	105	110	140	85	120	190	185	237	144	95	119	109
24	102	180	130	100	130	226	146	219	136	95	103	119
25	107	140	120	85	120	240	154	338	123	95	110	109
26	109	150	120	85	110	244	162	340	110	95	103	110
27	109	130	120	95	130	305	183	356	103	95	103	100
28	112	110	120	80	130	190	121	270	109	95	95	109
29	112	120	100	95	...	223	136	226	110	95	123	114
30	116	120	80	100	...	261	136	226	132	95	116	114
31	119	...	80	100	...	380	...	235	...	95	123	...
Mean	105	114	122	91	108	185	297	179	179	110	110	120
Max.	128	180	154	110	130	380	744	356	246	158	203	168
Min.	88	85	80	80	95	80	121	113	103	77	84	100
A.F.	6480	6790	7480	5610	6020	11350	17700	11000	10640	6770	6750	7170

Total acre-feet 103760.

REPORT OF THE STATE ENGINEER

CEDAR RIVER NEAR FULLERTON—Sec. 4-16-6 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	154	180	236	170	120	210	482	244	803	277	148	166
2	148	180	227	160	120	210	439	244	592	236	148	169
3	152	178	222	160	120	240	425	234	316	229	136	162
4	155	178	215	170	140	290	359	227	272	229	136	224
5	159	190	190	140	140	350	365	232	288	213	132	196
6	152	202	120	140	140	370	385	236	259	218	129	259
7	157	207	180	140	130	350	486	239	283	213	126	239
8	162	198	220	130	140	320	880	249	275	204	122	211
9	171	194	210	140	140	280	710	272	331	190	115	213
10	187	192	220	130	140	320	701	256	331	202	106	283
11	162	196	200	120	160	310	630	239	334	196	112	251
12	178	196	180	120	150	310	574	244	288	202	109	233
13	162	198	180	130	150	280	509	234	291	220	112	229
14	160	195	210	130	160	260	625	229	344	194	113	218
15	147	188	200	130	160	230	574	239	272	132	312	202
16	157	196	190	140	170	200	521	249	264	171	241	183
17	159	182	170	130	160	240	442	259	262	175	207	182
18	157	188	170	130	180	280	372	302	425	155	173	173
19	155	75	170	140	180	310	415	227	232	182	337	160
20	155	75	180	140	170	330	442	222	286	162	249	164
21	162	85	190	140	170	370	398	453	314	160	218	162
22	164	90	180	140	160	401	391	362	277	152	211	160
23	160	170	170	140	170	378	331	378	294	133	182	157
24	164	200	170	140	190	365	305	359	267	152	167	160
25	162	190	150	140	200	394	267	347	254	133	164	160
26	166	300	160	140	220	442	249	372	239	125	162	159
27	169	290	180	130	210	482	249	408	322	126	162	173
28	166	280	160	130	210	436	256	422	340	129	162	166
29	180	270	170	120	...	340	236	337	705	134	164	152
30	180	259	130	120	...	425	222	280	446	150	166	160
31	175	...	120	120	...	533	...	280	...	138	169	...
Mean	162	191	182	137	161	331	441	286	340	180	167	191
Max.	180	300	236	170	220	533	880	453	803	277	337	283
Min.	147	75	120	120	120	200	222	222	232	125	106	152
A.F.	9950	11350	11210	8430	8930	20340	26260	17600	20240	11070	10290	11370

Total acre-feet 167040.

CLEVELAND DRAIN—Sec. 6-20-52 W.
Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	3	4	4	24	10
2	3	16	1	23	12
3	1	18	6	17	13
4	4	16	15	20	14
5	7	24	15	20	23
6	9	30	20	20	24
7	12	50	19	14	15
8	15	25	12	14	22
9	15	9	16	4	21
10	13	8	16	11	22
11	15	1	25	1	24
12	1	15	26	13	21
13	1	15	24	19	21
14	1	15	25	11	21
15	12	5	25	19	23
16	8	12	20	17	13
17	12	11	19	17	14
18	10	16	20	18	13
19	16	13	20	16	13
20	16	14	23	13	15
21	3	14	31	16	12
22	12	5	26	13	18
23	11	14	24	12	19
24	14	4	17	9	17
25	13	4	11	11	16
26	16	11	3	10	15
27	6	12	8	10	12
28	3	1	8	3	14
29	3	1	9	1	19
30	12	4	22	2	22
31	7	...	22	11	...
Mean	9	13	17	13	17
Max.	16	50	31	24	24
Min.	1	1	1	1	10
A.F.	540	780	1060	810	1030

DAWSON COUNTY DRAIN NO. 2
Sec. 25-10-23 W.

Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	5	6	7	10	8
2	5	7	7	9	8
3	5	7	6	9	8
4	5	7	6	10	6
5	5	7	6	9	6
6	5	7	6	9	6
7	5	12	6	9	6
8	5	7	6	9	6
9	5	7	6	7	6
10	3	7	6	9	5
11	4	8	11	7	8
12	4	7	5	10	5
13	3	8	5	13	5
14	3	7	5	13	5
15	3	8	5	14	5
16	3	8	5	13	5
17	4	8	5	14	5
18	3	8	6	14	4
19	3	9	6	14	4
20	3	9	6	11	4
21	3	8	13	10	4
22	4	10	12	9	4
23	4	16	12	9	4
24	4	16	11	8	4
25	4	14	10	7	3
26	5	14	12	6	3
27	5	13	11	7	3
28	5	12	9	7	3
29	5	12	9	6	3
30	5	9	8	6	3
31	6	9	7	7	...
Mean	4	9	8	10	5
Max.	6	16	13	14	9
Min.	3	6	5	6	3
A.F.	260	550	470	590	300

BUREAU OF IRRIGATION

DAVIS CREEK NEAR COTESFIELD—Sec. 34-17-12 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	2	5	1	3	
2	3	4	1	3	
3	3	3	1	3	
4	3	3	1	3	
5	3	2	1	5	
6	3	2	1	9	
7	20	2	1	7	
8	7	4	1	5	
9	22	2	1	4	
10	26	2	1	13	
11	5	2	1	2	
12	6	2	1	1	
13	52	2	1	1	
14	11	2	1	1	
15	4	1	9	1	
16	4	1	18	1	
17	3	1	6	0	
18	4	1	7	0	
19	4	1	22	0	
20	3	1	9	0	
21	2	1	5	0	
22	2	1	2	0	
23	2	1	1	0	
24	2	1	1	0	
25	2	1	1	0	
26	2	2	2	1	0	
27	344	1	1	0	
28	60	1	1	0	
29	36	1	2	0	
30	16	1	3	0	
31	2	1	3	2	
Mean	2	22	2	2	
Max.	3	344	5	13	
Min.	2	2	1	0	
A.F.	28	1300	116	209	137

Total acre-feet 1790.

Note: Recorder started May 26, 1949.

DISMAL RIVER AT DUNNING—Sec. 4-21-24 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	309	315	339	310	350	397	280	306	309	297	297	303
2	318	312	333	290	320	416	360	306	312	306	297	292
3	321	306	348	250	340	403	369	303	300	306	297	315
4	327	312	348	250	320	385	354	303	289	309	297	315
5	327	318	339	270	320	375	378	306	289	297	294	303
6	321	292	336	330	330	351	372	297	280	345	289	318
7	318	292	327	370	330	339	416	292	339	345	289	315
8	300	286	310	440	330	339	416	321	330	348	283	315
9	300	280	310	400	340	348	479	312	324	297	300	321
10	303	292	310	340	320	342	460	300	330	303	370	333
11	303	268	321	380	340	330	409	318	324	277	366	345
12	292	277	333	340	360	330	382	312	342	280	327	327
13	312	277	327	370	240	300	342	315	351	277	321	312
14	303	277	318	340	310	310	345	330	336	262	333	315
15	303	280	324	360	330	310	324	327	318	265	315	312
16	297	286	320	290	350	294	327	351	312	277	327	336
17	297	286	310	280	370	300	309	345	315	268	330	321
18	282	312	320	310	380	309	309	327	312	280	327	336
19	300	290	310	320	370	309	321	309	309	277	315	321
20	300	290	320	270	300	333	324	324	309	289	309	333
21	284	336	320	290	330	366	324	406	303	277	303	321
22	297	330	330	300	370	330	324	354	315	277	300	333
23	256	315	330	330	420	312	327	309	315	268	297	315
24	283	330	310	270	430	312	330	315	297	271	274	312
25	292	324	310	270	420	315	336	297	306	283	280	303
26	292	342	320	320	390	333	336	297	294	294	303	321
27	300	333	320	340	434	348	312	297	318	297	292	312
28	292	336	290	340	406	339	286	312	300	294	286	300
29	339	330	280	310	...	321	292	303	297	312	292	306
30	333	330	290	320	...	318	324	303	300	312	309	300
31	315	...	280	350	...	280	...	315	...	303	300	...
Mean	305	305	319	321	352	335	349	317	312	293	307	317
Max.	339	342	348	440	434	416	479	406	351	348	370	345
Min.	283	268	288	250	240	280	280	292	280	262	274	292
A.F.	18780	18160	19600	19740	19540	20620	20760	19460	18600	18040	18880	18860

Total acre-feet 231040.

REPORT OF THE STATE ENGINEER

DRIFTWOOD CREEK NEAR McCOOK—Sec. 12-2-30 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	2	0	0	3	4	0	0
2	0	0	0	0	0	1	1	0	3	2	0	0
3	0	0	0	0	0	2	1	0	3	1	0	0
4	0	0	0	0	0	2	1	1	4	1	0	0
5	0	0	0	0	0	1	1	1	3	1	0	0
6	0	0	0	0	0	1	1	0	3	1	0	0
7	1	0	0	0	0	1	1	4	3	0	0	0
8	0	0	0	0	0	1	1	10	2	1	0	0
9	0	0	0	0	0	0	1	6	4	1	0	1
10	0	0	0	0	0	0	1	1	11	0	15	0
11	0	0	0	0	1	0	0	2	3	1	2	0
12	0	0	0	0	15	0	1	1	4	0	0	0
13	0	0	0	0	10	0	1	1	24	0	0	0
14	0	0	0	0	4	0	1	1	16	0	0	0
15	0	0	0	0	3	0	1	1	6	1	0	0
16	0	0	0	0	2	0	0	8	5	0	0	0
17	0	0	0	0	3	0	0	2	10	0	62	0
18	0	0	0	0	15	0	0	0	533	0	92	0
19	0	0	0	0	15	0	0	0	212	0	68	0
20	0	0	0	0	12	1	0	0	20	0	14	0
21	0	0	0	0	10	1	0	239	8	0	4	0
22	0	0	0	0	11	1	0	51	3	0	1	0
23	0	1	0	0	11	1	0	16	2	0	1	1
24	0	1	0	0	6	1	0	3	2	0	1	1
25	0	0	0	0	8	1	0	2	1	0	1	0
26	0	0	0	0	8	0	0	1	1	0	1	0
27	0	0	0	0	4	1	0	1	2	0	1	0
28	0	0	0	0	3	1	0	2	6	0	1	0
29	0	0	0	0	..	0	0	2	40	0	2	1
30	0	0	0	0	..	0	0	2	17	0	1	1
31	0	..	0	0	..	0	..	2	..	0	1	..
Mean	0	0	0	0	5	1	0	12	32	1	9	0
Max.	1	1	0	0	15	2	1	239	533	4	92	1
Min.	0	0	0	0	0	0	0	0	1	0	0	0
A.F.	11	11	20	14	283	45	26	720	1890	36	532	17

Total acre-feet 3600.

DUGOUT CREEK, UPPER
Sec. 20-20-50 W.

Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept
1	2	22	4	14	25
2	1	29	13	16	25
3	1	19	16	16	25
4	1	29	16	16	31
5	2	22	12	13	30
6	1	69	15	8	30
7	3	44	15	6	36
8	5	26	15	7	37
9	3	22	14	6	32
10	1	0	18	8	30
11	1	0	25	7	27
12	1	4	28	7	29
13	1	35	29	19	33
14	1	42	31	16	30
15	0	34	33	16	33
16	1	37	43	18	31
17	1	39	37	18	31
18	37	36	31	18	33
19	35	39	42	21	33
20	28	42	31	18	29
21	28	45	23	17	26
22	38	36	20	18	30
23	35	25	21	18	29
24	31	22	13	18	23
25	31	21	8	18	24
26	27	21	10	18	25
27	27	15	7	18	29
28	26	19	6	18	26
29	18	6	11	21	27
30	19	12	10	22	37
31	19	10	10	28	..
Mean	14	27	20	15	30
Max.	38	69	43	26	37
Min.	0	0	4	6	24
A.F.	840	1610	1200	950	1770

BUREAU OF IRRIGATION

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ELKHORN RIVER AT NELIGH—Sec. 20-25-6 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	119	151	150	140	150	230	3570	490	1420	268	126	134
2	115	148	140	130	150	250	3030	448	1320	261	114	130
3	112	148	141	130	150	280	2680	419	1090	233	106	130
4	109	149	160	130	150	340	3060	395	920	207	100	224
5	106	156	160	130	150	500	4830	368	815	194	94	203
6	112	160	160	140	160	608	7200	359	732	182	87	186
7	116	156	160	140	160	915	8610	344	656	175	104	184
8	126	156	180	140	160	1910	7940	347	604	184	194	178
9	128	158	180	140	160	3780	6760	407	553	211	102	171
10	128	158	177	140	160	4600	5530	395	550	229	115	177
11	128	158	190	140	160	3680	4790	371	560	229	131	288
12	128	162	180	140	160	2900	4930	347	560	213	116	389
13	126	149	180	150	160	2490	4550	324	692	205	139	321
14	124	156	180	150	150	1810	4010	310	596	194	126	281
15	125	160	170	160	160	1280	3560	300	564	184	134	271
16	125	160	170	160	160	1020	3130	290	514	173	134	256
17	122	156	170	150	170	845	2960	280	462	171	229	233
18	125	151	170	150	190	712	2360	270	419	167	198	207
19	128	36	180	150	190	684	1800	260	388	162	425	190
20	128	38	180	150	180	865	1410	260	359	155	264	180
21	126	50	170	150	180	1690	1200	796	341	151	211	167
22	128	58	170	150	180	2200	1030	1190	304	142	190	158
23	130	83	173	150	200	2520	905	1620	281	137	171	155
24	131	104	171	160	210	2610	780	1710	268	134	153	155
25	132	110	173	160	220	2630	716	1470	259	125	141	148
26	134	140	170	160	220	2600	672	1220	242	122	137	148
27	134	160	160	160	230	2610	632	1100	254	128	137	148
28	137	140	140	160	230	2770	568	1010	261	116	136	148
29	156	150	140	140	...	3240	525	1020	264	116	141	148
30	160	140	140	140	...	4960	490	1100	283	130	146	148
31	155	...	140	140	...	4660	...	1280	...	124	139	...
Mean	128	133	165	146	175	2008	3141	661	551	175	149	195
Max.	128	162	190	160	230	4960	8610	1710	1420	268	425	389
Min.	106	36	140	130	150	230	490	280	242	116	87	130
A. F. 7840	7940	10170	8990	9720	123400	186900	40660	32780	10760	9190	11620	

Total acre-feet 459970.

ELKHORN RIVER AT NORFOLK—Sec. 3-23-1 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	202	230	250	200	220	450	5190	699	2030	420	200	240
2	196	228	230	210	220	470	3980	671	2180	500	195	230
3	188	226	290	220	220	510	3110	634	1530	420	185	220
4	182	226	320	240	220	570	2830	607	1300	350	175	230
5	178	230	310	240	220	700	3190	587	1100	310	160	300
6	178	240	260	250	210	750	4670	562	950	290	145	340
7	188	220	270	270	210	810	6630	547	870	280	135	350
8	194	220	250	270	210	1400	8430	572	800	230	135	310
9	198	220	240	270	220	2000	8430	628	750	400	145	300
10	200	220	230	260	230	3000	7440	639	700	420	150	340
11	200	220	240	270	230	4000	5940	602	730	410	160	400
12	200	220	260	270	230	3800	4890	572	800	390	170	550
13	200	221	270	280	240	3400	4890	547	950	380	185	480
14	198	212	270	280	240	2800	4450	523	880	360	220	440
15	196	212	260	290	250	2400	3680	509	780	340	200	400
16	196	221	260	280	260	1900	3140	486	700	320	190	370
17	196	224	250	270	270	1500	2820	500	650	310	210	350
18	196	212	250	260	280	1200	2490	504	600	300	260	330
19	196	100	250	260	300	1000	2060	472	550	280	350	300
20	196	110	250	240	310	1100	1740	450	510	270	520	280
21	196	130	240	240	310	1800	1470	806	480	260	380	260
22	196	160	240	240	310	2500	1260	1530	440	250	330	250
23	196	190	210	250	350	3000	1160	1730	410	240	340	240
24	198	200	180	250	370	3200	1080	1790	390	230	270	240
25	200	210	180	240	390	3300	1020	1670	360	220	250	230
26	200	240	190	250	400	3300	949	1670	340	220	240	230
27	200	250	190	240	420	3300	832	2120	350	210	230	230
28	202	250	200	230	440	3400	838	1510	360	200	230	230
29	210	250	190	230	...	3900	746	1720	370	200	230	230
30	230	230	190	230	...	5500	728	1770	380	200	240	230
31	240	...	200	220	...	6200	...	1740	...	200	240	...
Mean	198	211	241	250	278	2360	3339	947	775	305	228	304
Max.	240	250	320	290	440	6200	8430	2120	2180	500	520	550
Min.	178	100	180	200	210	450	728	450	340	200	135	220
A. F. 12190	12540	14820	15370	15430	145100	198700	58250	46100	18760	14020	18110	

Total acre-feet 569390.

REPORT OF THE STATE ENGINEER

ELKHORN RIVER AT EWING—Sec. 35-27-9 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	46	57	38	52	45	88	1680	210	990	119	46	48
2	44	57	46	48	45	90	1420	198	825	109	44	48
3	44	58	56	46	45	92	1300	187	675	100	42	52
4	42	59	60	46	45	100	1710	178	585	92	40	80
5	43	60	60	46	45	120	3720	172	505	87	38	76
6	46	60	68	46	45	170	6260	166	445	85	36	70
7	48	59	72	46	45	451	6680	159	381	86	34	64
8	52	61	70	46	45	2320	5760	160	317	88	36	64
9	55	61	70	46	44	2920	4660	170	283	92	36	72
10	55	60	68	46	44	2280	3790	166	267	100	40	100
11	54	62	68	46	44	1700	3700	160	247	93	44	150
12	53	62	68	46	44	1390	3470	151	220	94	54	140
13	52	60	66	46	46	1160	2840	144	220	90	50	120
14	52	63	66	46	46	936	2140	133	223	84	50	110
15	51	63	66	46	48	705	1850	133	230	78	60	98
16	50	63	66	44	48	648	1620	130	210	72	80	90
17	50	62	66	45	50	560	1470	127	180	66	90	80
18	50	60	64	45	52	511	1190	123	160	62	82	70
19	50	50	64	45	54	525	966	120	141	58	86	64
20	51	40	62	45	56	650	807	121	128	54	80	60
21	51	42	62	45	58	996	678	255	120	52	70	56
22	52	42	62	45	60	1290	582	409	114	50	62	54
23	52	44	62	45	64	1410	503	451	114	48	56	52
24	53	46	64	45	70	1480	439	487	114	46	50	52
25	53	44	66	45	72	1330	391	507	106	46	48	52
26	54	30	64	45	76	1260	351	511	94	46	48	52
27	55	28	64	45	80	1440	310	503	107	46	46	52
28	55	32	64	45	86	1830	273	493	124	48	48	52
29	56	34	56	45	..	3040	245	558	142	56	50	52
30	57	36	58	45	..	3200	222	738	136	54	52	52
31	57	..	56	45	..	2430	..	969	..	50	50	..
Mean	51	52	63	46	54	1200	2030	290	280	73	53	73
Max.	57	63	72	52	86	3200	6680	969	990	119	90	150
Min.	42	28	38	44	44	88	222	120	94	46	34	48
A.F.	3140	3080	3850	2810	2980	73690	120600	17840	16670	4470	3270	4330

Total acre-feet 256730.

ELKHORN RIVER AT WATERLOO—Sec. 21-16-10 E.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	520	602	553	390	440	640	7530	1800	2110	1180	654	467
2	493	597	557	400	440	630	7590	1750	7280	1580	644	454
3	475	548	577	450	450	1100	7400	1740	10400	3140	854	454
4	458	529	612	650	460	3000	6110	1710	10200	2510	592	458
5	442	577	590	720	480	9000	5160	1650	6360	1520	534	458
6	458	553	500	710	490	15800	4890	1690	3260	1210	515	602
7	484	529	400	660	510	19700	4980	1890	2570	1050	480	633
8	489	520	300	640	530	18600	5420	1560	2170	1170	480	644
9	467	520	280	600	530	11400	6060	1380	2030	1250	480	670
10	458	511	270	600	550	7180	6860	1350	1890	1900	480	687
11	450	506	450	600	560	5110	8130	1340	1820	1380	480	1530
12	446	515	500	580	490	4520	9080	1310	2080	1140	480	4020
13	446	511	490	560	470	5520	8660	1310	2070	963	480	2350
14	446	511	470	590	470	6890	7400	1250	1870	861	540	1450
15	446	515	480	640	480	5070	6700	1190	2720	842	1100	1330
16	446	515	460	650	470	3700	6100	1170	2200	787	928	1120
17	437	515	480	640	480	3170	5300	1200	1940	742	861	1040
18	437	511	500	630	490	3090	4910	1510	1780	709	649	894
19	433	676	500	580	490	3480	4680	1710	1700	670	736	764
20	437	587	520	550	490	3300	3990	1390	1650	687	649	709
21	437	493	550	540	480	8780	3450	1410	2120	676	894	660
22	442	406	550	520	490	14500	3100	7050	2400	838	1100	617
23	446	376	500	520	500	8390	2800	6200	2430	753	1080	572
24	446	410	390	500	530	7070	2400	5310	1790	676	623	557
25	442	475	250	490	540	8190	2100	4830	1480	612	692	538
26	442	567	400	480	580	7240	2100	4320	1560	1130	683	520
27	442	587	500	480	640	6920	2100	3220	1490	1850	592	515
28	437	582	450	480	630	6810	2000	2920	1280	1200	538	511
29	502	557	400	460	..	6500	2000	3060	1310	1360	515	520
30	553	557	400	440	..	5720	1900	2170	1380	935	506	520
31	538	..	410	440	..	5910	..	2360	..	742	480	..
Mean	461	528	463	555	506	6999	5030	2347	2842	1163	654	875
Max.	553	676	612	720	640	19700	9080	7580	10400	3140	1100	4020
Min.	433	376	250	390	440	640	1900	1170	1280	612	480	454
A.F.	28350	31410	28460	34100	28090	430400	299300	144300	169100	71530	40200	52090

Total acre-feet 1357330.

BUREAU OF IRRIGATION

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ELKHORN RIVER, SOUTH FORK, AT EWING—Sec. 2-26-9 W. Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	35	27	30	25	20	45	295	82	197	57	25	36
2	35	28	35	25	20	55	340	76	173	55	24	42
3	35	23	40	25	20	80	461	73	128	48	18	44
4	33	31	40	25	20	120	1090	70	92	52	13	50
5	33	35	30	25	20	210	1860	64	92	44	20	48
6	36	36	45	25	20	300	1570	62	85	36	20	50
7	40	39	40	30	20	860	1290	62	92	36	20	43
8	42	42	40	30	20	1070	796	60	85	48	22	46
9	36	42	35	25	20	800	570	60	92	40	24	48
10	31	40	35	25	20	840	570	57	85	27	28	64
11	30	40	50	25	20	660	730	57	73	28	24	110
12	33	31	45	25	20	500	590	55	62	33	27	67
13	33	40	45	25	20	350	437	52	57	33	27	64
14	31	36	40	25	20	264	390	57	50	36	24	76
15	35	40	35	25	20	213	385	57	50	44	28	62
16	33	40	35	20	25	177	390	57	76	44	33	64
17	36	46	35	20	30	103	362	55	62	44	28	36
18	40	45	35	20	30	88	286	55	60	27	33	42
19	38	35	35	20	30	88	189	55	57	33	36	31
20	33	35	35	20	25	162	150	52	42	38	31	38
21	25	35	40	20	35	442	146	139	48	33	33	40
22	28	30	40	20	35	549	131	221	40	31	35	33
23	27	35	40	20	35	480	135	362	46	31	35	28
24	30	40	30	20	35	524	121	399	52	28	38	33
25	33	40	35	20	35	399	95	340	38	25	30	35
26	36	40	35	20	35	358	78	268	38	28	30	35
27	39	35	40	20	35	495	76	197	62	30	23	36
28	42	35	40	20	35	675	85	165	60	30	30	30
29	48	35	15	15	..	850	76	205	64	31	33	31
30	50	35	25	20	..	718	73	209	57	30	30	28
31	45	..	35	25	..	242	..	221	..	27	31	..
Mean	36	36	37	23	26	411	449	127	74	36	28	46
Max.	50	46	50	30	35	1070	1570	399	197	57	38	110
Min.	25	27	15	15	20	45	73	52	38	25	18	28
A.F.	2180	2170	2250	1400	1430	25230	26710	7820	4390	2240	1700	2760

Total acre-feet 80330.

ELM CREEK NEAR AMBOY—Sec. 3-1-10 W. Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	18	17	15	14	16	14	12
2	15	26	17	15	15	16	14	12
3	15	92	18	15	16	16	14	12
4	15	261	17	16	21	16	14	14
5	15	182	16	16	79	16	14	16
6	15	68	16	338	42	16	14	16
7	15	38	17	105	77	16	14	17
8	15	24	17	293	66	16	14	16
9	15	17	17	98	507	16	14	16
10	14	15	23	31	78	16	14	16
11	22	14	18	16	221	14	14	16
12	14	13	16	16	37	14	14	16
13	14	13	17	15	75	14	13	16
14	15	14	18	15	30	14	12	19
15	15	13	16	15	23	14	12	17
16	15	14	16	16	19	14	12	16
17	15	13	16	16	19	13	12	16
18	15	13	16	16	53	13	13	16
19	15	13	16	237	39	13	13	16
20	15	26	17	62	22	13	13	16
21	14	28	18	455	19	13	12	16
22	21	18	16	49	18	14	12	16
23	42	16	16	30	18	55	12	16
24	104	17	15	28	62	19	11	16
25	154	16	15	25	30	16	12	16
26	112	26	15	24	18	16	12	16
27	39	20	15	19	18	14	13	16
28	19	16	15	16	28	14	13	16
29	16	15	16	19	14	13	16
30	28	15	16	16	14	13	16
31	25	..	16	..	14	13	..
Mean	14	17	16	16	29	36	16	66	57	16	13	16
Max.	154	261	23	455	507	55	14	19
Min.	14	13	15	15	14	13	11	12
A.F.	861	1010	984	984	1600	2210	984	4090	3370	990	801	934

Total acre-feet 18820.

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ELM CREEK
Sec. 33-9-18 W.

Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	0	1	11	8	9
2	0	13	11	9	12
3	1	4	10	5	8
4	1	1	10	10	95
5	4	2	5	4	34
6	1	2	6	7	9
7	0	713	447	8	76
8	0	169	20	10	10
9	5	60	13	9	5
10	2	127	10	9	13
11	2	28	8	4	513
12	0	18	11	6	58
13	0	15	6	10	36
14	0	23	12	9	25
15	0	13	13	11	16
16	0	10	6	9	13
17	0	11	6	14	5
18	121	11	9	6	3
19	9	64	10	10	7
20	2	21	9	10	4
21	3	13	2	7	2
22	21	10	10	9	1
23	12	11	7	5	1
24	31	9	42	7	0
25	4	10	3	5	0
26	3	10	3	5	0
27	4	9	1	9	0
28	2	26	1	5	0
29	2	13	18	4	0
30	2	15	16	16	0
31	0	..	9	12	..
Mean	7	48	24	8	32
Max.	121	713	447	16	513
Min.	0	1	1	4	0
A.F.	460	2840	1480	500	1890

ELM CREEK NEAR OVERTON—Sec. 17-10-19 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	2	0	0	1	1	0	0
2	0	0	0	0	0	2	0	0	0	0	0	0
3	0	0	0	0	0	1	0	0	0	0	0	2
4	0	0	0	0	0	1	0	0	0	0	0	0
5	0	0	0	0	0	2	0	0	0	0	0	0
6	0	0	0	0	0	2	0	0	16	167	0	18
7	0	0	0	0	0	1	0	0	24	4	0	0
8	0	0	0	0	0	1	0	0	1	0	0	0
9	0	0	0	0	0	1	1	0	1	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	6
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	2	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	2	6	0	0	0
18	0	0	0	0	0	0	0	1	16	0	0	0
19	0	0	0	0	0	0	0	0	2	0	0	0
20	0	0	0	0	0	0	0	3	0	0	0	0
21	0	0	0	0	0	0	0	5	0	0	0	0
22	0	0	0	0	0	1	0	1	0	0	0	0
23	0	0	0	0	5	1	0	2	0	10	0	0
24	0	0	0	0	50	0	0	0	0	0	0	0
25	0	0	0	0	100	0	0	0	0	0	0	0
26	0	0	0	0	25	0	0	0	0	0	0	0
27	0	0	0	0	10	0	0	0	0	0	0	0
28	0	0	0	0	2	0	0	0	2	0	0	0
29	0	0	0	0	..	0	0	0	1	0	0	0
30	0	0	0	0	..	0	0	0	1	0	0	0
31	0	0	0	0	..	0	0	3	..	0	..	..
Mean	0	0	0	0	7	0	0	3	2	6	0	1
Max.	0	0	0	0	100	2	1	5	24	167	0	18
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	381	33	4	32	137	364	0	71

Total acre-feet 1020.

BUREAU OF IRRIGATION

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FREMONT SLOUGH NEAR NORTH PLATTE—Sec. 16-13-30 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	17	22	19	16	36	45	32	22	17	13	14
2	11	17	22	19	16	38	45	22	21	17	13	13
3	11	17	22	19	16	39	45	21	21	16	13	13
4	11	18	22	19	16	41	45	20	22	16	13	15
5	11	19	22	19	16	42	45	20	25	14	13	17
6	13	19	22	19	16	44	45	21	25	23	13	16
7	14	19	22	19	16	47	45	23	40	20	13	22
8	14	19	21	18	16	47	45	54	40	20	13	21
9	14	19	21	18	16	46	45	66	41	20	12	20
10	14	19	21	18	16	45	45	44	38	20	12	19
11	14	19	21	17	16	43	45	32	38	19	13	18
12	14	19	21	17	16	42	45	27	29	19	12	17
13	14	20	20	17	16	41	45	24	38	19	12	17
14	14	20	20	16	22	40	45	25	48	19	12	17
15	14	20	20	16	22	33	45	23	38	19	12	17
16	14	20	19	16	22	29	45	25	29	18	13	16
17	14	20	19	16	22	30	45	26	24	16	13	16
18	14	20	19	16	22	30	45	25	21	16	14	16
19	14	20	19	16	22	30	45	23	21	16	15	16
20	14	20	19	16	24	32	45	23	20	15	15	16
21	14	22	19	16	25	33	45	49	19	15	15	16
22	14	22	19	16	26	34	45	50	17	15	14	16
23	14	22	19	16	27	35	45	45	17	15	14	15
24	14	22	19	16	28	36	45	38	18	15	13	16
25	14	22	19	16	30	38	45	33	17	15	13	16
26	14	22	19	16	31	45	45	29	17	14	13	16
27	14	22	19	16	33	45	45	28	17	14	13	16
28	14	22	19	16	34	45	45	29	18	13	13	17
29	17	22	19	16	..	45	45	24	20	13	13	17
30	17	22	19	16	..	45	45	25	18	13	13	17
31	17	..	19	16	..	45	..	23	..	13	14	..
Mean	14	20	20	17	21	39	45	31	26	17	13	17
Max.	17	22	22	19	34	47	45	66	48	23	15	22
Min.	11	17	19	16	16	29	45	20	17	13	12	13
A.F.	850	1190	1240	1040	1190	2420	2680	1880	1550	1020	810	990

Total acre-feet 16860.

Discharge estimated between 12 measurements for the seven month period, October through April.

The above is net flow into the Sutherland Power Return.

FREMONT SLOUGH—Sec. 17-13-29 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	6	7	7	7	9	13	8	7	7	7	12
2	7	6	6	7	7	8	10	8	7	7	7	12
3	7	6	6	8	7	8	10	9	7	7	8	12
4	7	6	7	8	7	8	11	9	7	6	7	13
5	7	6	7	8	7	8	12	9	6	6	7	14
6	7	6	7	7	7	8	22	9	7	8	8	15
7	7	6	6	7	7	8	19	12	8	8	8	14
8	7	6	6	7	7	8	17	13	6	9	8	15
9	7	6	6	7	7	8	16	11	8	9	8	14
10	6	6	6	7	7	8	17	10	8	9	8	14
11	6	6	7	7	7	8	15	8	9	7	8	14
12	8	6	7	7	7	8	11	10	13	7	8	14
13	6	6	7	7	7	7	11	10	10	7	9	14
14	6	6	7	7	7	7	11	11	9	7	9	14
15	6	6	7	7	7	7	10	10	9	7	10	14
16	6	6	7	7	7	7	9	11	8	7	10	14
17	6	6	7	7	7	7	9	11	8	7	10	14
18	6	6	7	7	7	7	9	10	9	7	9	14
19	6	6	7	7	7	8	7	10	9	7	10	14
20	6	6	7	7	7	8	7	10	9	7	10	12
21	5	6	7	7	7	8	7	23	9	7	9	12
22	5	6	7	7	9	8	7	14	9	7	9	13
23	5	6	7	7	10	8	7	12	9	7	9	13
24	5	6	7	7	10	9	7	12	9	8	9	12
25	5	7	7	7	10	10	7	11	9	7	9	12
26	5	6	7	7	10	15	7	11	8	7	9	12
27	6	6	6	7	10	14	8	10	9	7	9	12
28	6	7	7	7	9	14	8	10	8	7	8	12
29	6	7	7	7	..	13	8	9	8	7	9	12
30	6	7	7	7	..	12	8	8	8	7	10	13
31	6	7	7	7	..	13	9	..	8	7	11	..
Mean	6	6	7	7	8	9	11	11	8	7	9	13
Max.	8	7	7	8	10	15	22	23	13	9	11	15
Min.	5	6	6	7	7	7	7	8	6	6	7	12
A.F.	380	360	400	440	430	550	630	650	500	450	540	790

Total acre-feet 6120.

REPORT OF THE STATE ENGINEER

FRENCHMAN RIVER BELOW CHAMPION—Sec. 22-6-39 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	42	48	69	52	50	62	72	54	43	37	31	55
2	42	49	63	52	50	46	70	51	42	39	31	55
3	42	50	63	50	50	46	70	55	42	39	19	54
4	46	50	62	45	49	52	70	38	43	39	22	53
5	48	49	57	50	52	48	80	38	44	38	33	55
6	44	49	57	55	55	35	81	43	46	39	23	54
7	43	48	52	67	57	37	80	56	67	38	26	56
8	41	48	52	60	52	38	77	84	71	38	27	58
9	41	48	50	60	51	38	66	76	86	36	29	55
10	43	49	52	58	72	39	57	80	70	33	26	57
11	52	49	53	58	81	36	68	78	54	43	44	57
12	54	50	53	59	76	36	57	64	52	49	49	57
13	54	49	53	59	68	39	53	50	56	32	51	55
14	56	48	52	58	58	35	68	54	59	32	50	55
15	55	49	52	57	50	34	67	52	57	44	53	56
16	57	48	52	57	52	34	49	40	59	53	50	55
17	51	50	52	56	59	34	45	35	64	55	50	55
18	49	50	52	57	67	36	46	34	70	53	54	54
19	49	52	52	56	72	36	39	37	66	44	39	56
20	49	60	52	50	67	31	38	43	59	38	34	52
21	47	56	53	58	66	32	41	52	63	35	36	51
22	47	52	52	54	54	46	36	66	84	34	38	53
23	49	54	52	51	56	45	38	81	72	32	37	55
24	48	62	53	49	58	43	38	52	50	31	33	49
25	50	62	53	54	63	43	37	66	34	30	36	47
26	49	62	53	52	63	45	37	55	31	25	38	47
27	50	63	53	52	52	46	59	45	39	31	36	48
28	49	68	49	48	50	45	67	44	56	26	38	50
29	53	68	53	52	..	45	59	42	50	27	48	49
30	47	67	55	51	..	41	55	41	37	28	61	51
31	48	..	53	51	..	50	..	42	..	27	57	..
Mean	48	54	54	54	59	41	57	52	56	37	39	54
Max.	57	68	69	67	81	62	81	84	86	55	61	58
Min.	41	48	49	45	49	31	36	34	31	25	19	47
A.F.	2970	3190	3330	3350	3270	2520	3410	3210	3300	2270	2380	3180

Total acre-feet 36380.

FRENCHMAN RIVER NEAR IMPERIAL—Sec. 3-5-38 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	75	85	87	92	82	81	100	89	74	80	57	95
2	72	80	103	85	83	79	122	76	73	73	60	75
3	53	81	97	80	89	75	113	72	73	65	59	69
4	72	79	91	60	89	69	114	78	69	71	52	93
5	72	78	89	70	85	79	113	75	70	64	55	90
6	73	89	90	80	85	86	124	83	77	65	52	72
7	61	80	93	90	82	63	127	75	109	64	44	70
8	70	81	77	100	95	61	123	110	114	67	52	80
9	68	80	90	100	88	62	123	127	112	65	53	78
10	73	77	84	100	96	65	115	123	108	68	53	87
11	66	78	81	100	123	65	103	120	96	67	52	90
12	75	79	74	100	122	66	105	114	90	95	66	85
13	77	81	76	96	109	61	107	101	72	114	70	71
14	81	79	89	97	114	60	89	108	101	84	70	85
15	80	78	81	94	89	55	86	115	82	84	78	85
16	79	79	85	89	94	64	91	96	87	81	81	84
17	79	79	94	85	94	60	79	75	82	81	81	89
18	78	87	88	85	112	60	79	73	89	94	78	79
19	75	70	78	85	116	67	89	80	91	86	71	88
20	75	78	90	80	110	68	77	99	87	72	70	80
21	75	100	85	80	107	67	84	107	81	71	59	80
22	75	85	96	80	113	60	85	87	100	75	60	79
23	75	90	95	80	100	61	77	103	104	57	58	95
24	75	85	83	90	104	69	71	95	96	48	61	83
25	75	100	81	94	91	70	65	82	88	60	61	63
26	75	94	89	98	101	77	62	86	70	54	58	72
27	80	96	87	88	93	77	70	89	64	53	53	88
28	80	89	73	83	101	76	86	87	77	55	57	78
29	85	101	89	93	..	70	95	82	83	59	85	81
30	85	96	102	86	..	60	97	62	102	52	74	86
31	85	..	90	85	..	55	..	56	..	46	86	..
Mean	75	84	87	88	99	67	96	91	88	70	63	82
Max.	85	101	103	100	123	86	127	127	114	114	86	95
Min.	53	70	73	60	82	55	62	56	64	46	44	63
A.F.	4600	5010	5370	5400	5490	4140	5690	5600	5240	4290	3900	4860

Total acre-feet 59590.

BUREAU OF IRRIGATION

479

FRENCHMAN RIVER NEAR ENDERS—Sec. 10-5-37 W.
Water Year Ending September 30, 1949.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	84	96	118	120	100	120	121	112	78	114	60	111
2	87	92	118	121	100	105	155	99	92	98	69	103
3	81	91	124	72	105	107	142	84	90	87	69	83
4	66	100	124	74	105	100	126	82	88	86	63	95
5	92	104	118	61	110	100	127	90	84	87	64	110
6	87	101	121	63	110	100	126	87	107	83	64	103
7	83	115	118	105	110	104	138	95	150	81	61	88
8	79	103	117	108	115	83	146	108	148	86	58	94
9	83	104	105	111	110	81	142	133	139	84	64	94
10	86	103	115	104	120	82	139	136	140	82	65	99
11	82	100	112	105	130	84	133	128	134	84	63	107
12	83	98	111	110	138	83	122	121	126	84	62	103
13	92	104	99	112	128	84	138	120	104	132	81	92
14	92	104	112	115	130	77	128	107	111	118	83	91
15	94	103	115	117	126	84	115	126	127	98	91	96
16	96	99	110	111	112	74	117	128	110	98	95	100
17	98	104	117	105	118	84	120	104	115	87	107	95
18	95	111	121	110	122	78	107	88	112	100	100	114
19	100	80	118	107	134	81	110	88	112	105	92	76
20	98	132	100	107	132	94	115	120	105	88	87	90
21	95	132	117	91	128	92	111	155	104	86	86	86
22	91	136	107	103	130	88	108	144	103	82	76	86
23	92	120	117	100	127	87	107	122	128	81	75	90
24	91	115	111	90	125	94	99	139	120	69	77	99
25	88	117	103	100	125	99	86	121	110	67	78	88
26	95	128	99	103	125	110	86	104	103	69	77	67
27	95	115	104	111	125	114	81	108	84	63	76	83
28	99	124	88	95	122	108	87	108	86	66	67	94
29	100	120	72	100	...	110	108	105	104	68	94	83
30	99	127	121	104	...	71	115	92	108	70	100	91
31	107	...	124	104	...	63	...	81	...	64	95	...
Mean	91	109	111	101	120	92	118	111	111	86	73	94
Max.	107	136	124	121	138	120	155	155	150	132	107	114
Min.	66	80	72	61	100	63	81	81	78	64	58	67
A.F.	5570	6500	6850	6240	6670	5640	7050	6810	6590	5300	4770	5590

Total acre-feet 73580.

FRENCHMAN RIVER NEAR HAMLET—Sec. 29-5-34 W.
Water Year Ending September 30, 1949.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	89	118	133	100	110	138	87	130	114	127	78	99
2	91	110	126	110	110	137	140	128	109	132	73	100
3	93	107	126	100	110	123	165	121	118	115	80	107
4	89	106	132	60	110	126	159	113	118	105	80	96
5	78	111	132	70	110	121	150	110	118	101	80	99
6	94	110	125	90	120	119	158	117	222	104	74	117
7	94	109	126	120	120	128	159	117	516	100	74	109
8	92	116	125	130	130	126	166	134	186	98	71	100
9	88	114	124	130	120	109	170	136	169	102	69	104
10	92	114	116	110	130	109	166	146	160	99	73	105
11	92	114	121	100	140	109	162	150	160	97	74	107
12	94	111	118	110	160	109	156	143	157	99	73	112
13	93	110	117	120	120	109	147	139	153	97	72	110
14	100	113	108	120	120	109	153	144	171	127	84	105
15	101	114	120	120	160	101	144	136	150	129	85	99
16	102	115	115	120	170	105	137	150	155	110	88	103
17	103	112	120	110	170	95	134	146	143	108	97	103
18	105	119	125	110	200	103	135	128	145	100	107	110
19	104	121	125	110	170	98	124	116	145	108	101	112
20	106	87	115	110	150	100	125	117	143	114	95	94
21	105	110	109	100	150	113	131	136	137	103	92	101
22	103	139	121	95	160	107	122	155	135	98	89	97
23	101	144	117	120	170	102	121	152	128	95	81	97
24	101	130	125	120	159	98	121	151	144	94	79	99
25	102	125	120	100	154	100	115	158	141	84	80	107
26	101	125	110	110	150	110	109	146	134	83	79	101
27	106	132	104	120	142	120	107	133	129	86	80	87
28	106	124	110	120	147	120	104	136	114	82	80	97
29	111	130	120	100	...	116	115	134	118	80	89	108
30	113	125	85	90	...	132	125	135	122	82	91	103
31	113	...	110	110	...	78	...	127	...	83	102	...
Mean	99	117	119	108	142	112	137	135	155	101	83	103
Max.	113	144	133	130	200	138	170	158	516	132	107	117
Min.	78	87	85	60	110	78	87	110	109	80	69	87
A.F.	6070	6970	7300	6610	7860	6890	8150	8300	9230	6230	5100	6120

Total acre-feet 84830.

REPORT OF THE STATE ENGINEER

FRENCHMAN RIVER AT CULBERTSON—Sec. 17-3-31 W.
Water Year Ending September 30, 1949.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	38	104	188	90	130	289	210	193	191	148	31	43
2	43	104	190	100	140	264	230	198	174	144	32	53
3	43	104	193	90	130	262	258	196	174	134	30	64
4	44	108	196	70	130	252	285	183	177	129	29	63
5	40	127	206	50	140	242	304	180	177	119	27	62
6	40	147	199	55	150	240	320	188	254	103	30	62
7	47	144	190	75	160	233	345	190	912	97	29	69
8	67	158	196	85	170	233	355	295	650	87	26	76
9	58	155	183	110	180	229	332	248	429	84	25	75
10	61	154	177	110	180	211	327	262	337	82	24	82
11	67	148	178	120	190	210	318	270	304	80	24	84
12	66	150	183	120	190	196	300	256	291	75	24	87
13	64	151	180	130	190	198	276	250	400	68	26	92
14	68	151	182	140	190	191	264	274	293	68	27	97
15	74	150	178	140	180	193	262	235	318	73	34	97
16	87	154	177	150	200	194	254	246	260	78	34	97
17	76	148	177	140	250	194	231	323	248	67	47	99
18	75	162	178	150	274	193	226	268	260	60	78	129
19	81	155	174	140	268	201	220	240	254	50	49	104
20	90	130	178	140	250	201	217	217	213	46	45	79
21	88	123	186	130	240	206	217	229	199	46	46	78
22	91	134	176	140	268	218	217	229	186	39	41	78
23	91	172	176	120	302	217	210	246	178	31	37	67
24	94	180	188	120	325	208	199	239	171	33	36	67
25	96	180	180	110	340	208	206	221	171	30	37	66
26	93	174	166	120	383	218	199	218	165	33	45	61
27	93	180	150	120	383	240	193	208	162	40	31	52
28	96	174	154	120	330	258	186	196	171	34	34	47
29	101	174	100	120	...	250	183	199	138	38	37	45
30	102	186	90	140	...	220	180	196	151	31	38	47
31	101	...	85	130	...	190	...	191	...	33	41	...
Mean	74	149	173	110	224	221	251	227	267	70	35	74
Max.	102	186	206	150	383	259	355	332	912	148	78	129
Min.	38	104	85	50	130	190	180	138	80	24	43	43
A.F.	4530	8890	10620	7090	12420	13600	14920	13940	15880	4320	2180	4410

Total acre-feet 112800.

GERING DRAIN NEAR GERING—Sec. 6-21-54 W.
Water Year Ending September 30, 1949.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	61	45	37	29	14	29	28	27	31	50	68	84
2	55	44	35	26	15	29	28	27	94	48	67	81
3	53	42	37	25	17	31	28	27	69	48	70	83
4	53	41	38	22	20	32	26	26	64	47	65	87
5	50	41	34	20	23	32	26	31	53	46	70	88
6	46	41	34	18	27	32	26	30	341	43	70	94
7	41	41	32	18	32	32	26	26	60	44	69	83
8	41	39	32	18	32	33	26	34	50	47	73	88
9	42	39	32	18	31	32	28	24	39	48	74	98
10	42	39	32	18	33	30	27	22	32	69	70	102
11	43	38	34	18	37	30	27	22	32	73	76	104
12	43	40	33	18	32	31	28	22	40	63	84	91
13	42	39	32	18	33	31	28	26	87	78	83	77
14	46	39	32	18	31	32	27	24	72	114	83	88
15	45	39	30	18	35	34	27	23	49	122	65	87
16	48	38	29	18	37	34	26	26	46	104	74	87
17	43	41	29	16	41	35	26	24	40	102	81	91
18	43	40	30	16	37	37	26	24	45	83	80	88
19	44	38	29	16	37	37	26	24	63	70	78	90
20	43	37	32	16	37	37	26	26	72	78	81	97
21	43	36	30	16	38	37	25	29	67	68	80	82
22	43	36	30	16	38	34	25	26	65	67	76	90
23	43	37	30	35	38	37	24	26	67	76	81	88
24	43	37	29	35	37	37	24	25	55	78	77	88
25	42	37	28	35	37	36	24	25	53	73	72	73
26	42	36	29	35	35	34	24	25	55	68	73	74
27	42	37	29	35	32	32	24	25	63	65	67	62
28	43	37	28	35	31	32	23	31	54	64	77	45
29	56	37	27	35	...	31	24	74	53	73	80	44
30	44	37	27	35	...	30	31	43	48	72	80	55
31	45	...	28	22	...	28	...	33	...	74	83	...
Mean	46	39	31	23	32	33	26	28	65	70	75	83
Max.	61	45	38	35	41	37	31	74	341	122	84	104
Min.	41	36	27	16	14	28	23	22	31	43	65	44
A.F.	2800	2320	1920	1420	1760	2020	1560	1740	3890	4280	4620	4960

Total acre-feet 33290.

BUREAU OF IRRIGATION

HORSE CREEK NEAR LYMAN—Sec. 25-23-58 W.
Water Year Ending September 30, 1949.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	149	56	43	26	0	89	34	26	57	44	59	82
2	114	54	39	26	0	86	32	22	65	61	59	84
3	107	55	46	23	1	94	31	20	70	49	60	93
4	102	56	42	10	2	112	29	20	51	49	61	127
5	99	56	35	3	4	104	29	21	53	53	62	114
6	93	55	37	2	5	87	28	27	35	134	49	80
7	89	54	39	2	8	77	27	35	238	50	59	152
8	89	54	40	2	11	71	27	38	223	62	59	153
9	87	54	38	2	15	58	26	38	89	61	73	130
10	83	53	37	2	19	60	24	26	57	83	69	122
11	81	53	38	2	28	51	25	25	84	86	68	174
12	77	52	36	2	36	51	25	25	162	90	66	139
13	75	52	37	2	44	46	25	38	377	76	70	140
14	74	51	36	2	52	46	26	74	460	78	73	148
15	73	50	34	2	60	43	26	37	396	98	78	148
16	71	46	25	2	68	47	26	41	269	91	72	130
17	69	46	36	2	75	43	25	33	224	91	75	118
18	69	42	33	2	81	43	25	29	242	77	74	126
19	68	42	28	2	90	52	26	28	236	56	73	120
20	66	41	37	2	98	56	26	26	250	51	73	109
21	65	49	36	2	106	51	20	38	201	50	82	124
22	64	40	34	2	116	48	20	31	110	50	75	121
23	64	47	29	2	118	46	20	27	80	50	70	118
24	63	47	25	1	120	44	18	36	76	50	70	102
25	61	46	25	1	109	42	16	28	70	55	70	88
26	59	41	40	1	100	43	16	26	59	55	71	127
27	56	40	44	1	92	40	18	25	142	55	68	139
28	58	41	31	1	97	38	18	23	80	54	70	152
29	77	46	32	1	...	36	17	22	50	56	72	119
30	66	42	34	0	...	36	42	21	44	58	78	102
31	57	...	30	0	...	36	...	34	...	59	83	...
Mean	78	49	35	4	56	57	25	31	155	63	69	125
Max.	149	56	46	26	120	112	42	74	400	98	83	174
Min.	56	40	25	0	0	36	16	20	0	44	59	82
A.F.	4810	2900	2170	260	3090	3520	1480	1910	9220	3860	4270	7430

Total acre-feet 44920.

INDIAN CREEK—Sec. 19-20-50 W.
Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	3	7	9	44	31
2	2	9	11	53	38
3	2	7	9	18	35
4	2	8	23	23	37
5	7	8	10	21	37
6	3	200	12	14	33
7	5	27	11	16	27
8	8	14	22	13	25
9	11	14	12	17	30
10	6	10	15	26	33
11	4	8	18	22	34
12	3	9	18	28	28
13	3	8	16	21	27
14	3	24	22	23	31
15	5	20	24	18	28
16	23	18	45	26	33
17	5	20	23	18	28
18	3	30	14	49	27
19	4	30	21	30	36
20	3	28	18	21	27
21	5	25	23	27	21
22	3	18	21	27	20
23	4	24	12	28	24
24	4	26	13	31	23
25	19	14	11	26	24
26	18	14	12	21	28
27	18	11	21	19	22
28	16	12	22	24	28
29	16	14	43	31	29
30	18	9	44	25	27
31	6	...	52	28	...
Mean	7	22	20	25	29
Max.	23	200	52	53	38
Min.	2	7	9	13	20
A.F.	460	1320	1240	1560	1730

LINCOLN COUNTY DRAIN NO. 1
Sec. 30-14-30 W.
Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	44	51	75	82	95
2	44	62	77	77	100
3	44	54	79	87	102
4	44	55	79	87	113
5	44	59	81	89	111
6	43	59	110	92	117
7	44	60	97	89	107
8	44	60	82	94	102
9	43	61	80	85	100
10	43	59	79	87	98
11	43	59	79	89	96
12	43	59	80	77	94
13	43	63	77	100	89
14	157	63	78	92	84
15	56	63	78	92	84
16	54	63	92	92	84
17	50	63	89	94	90
18	50	65	87	93	81
19	50	64	89	100	86
20	50	64	80	102	81
21	142	64	77	107	77
22	51	63	84	106	76
23	51	63	77	102	81
24	51	64	77	104	84
25	51	67	80	95	84
26	51	80	82	99	92
27	51	80	80	95	93
28	52	77	84	99	92
29	52	74	85	102	95
30	52	74	89	106	90
31	51	...	91	105	...
Mean	54	64	83	95	92
Max.	157	80	110	107	117
Min.	43	51	75	77	76
A.F.	3350	3790	5110	5830	5500

REPORT OF THE STATE ENGINEER

LOGEPOLE CREEK AT BUSHNELL—Sec. 33-15-57 W.
Water Year Ending September 30, 1949.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	10	8	8	3	23	18	12	12	11	9	10
2	9	10	8	9	3	22	17	11	13	11	9	10
3	8	10	8	7	3	24	16	11	13	11	9	10
4	8	10	9	5	3	26	16	10	14	11	9	11
5	8	6	5	2	3	26	16	12	15	11	9	11
6	9	10	7	2	3	27	16	14	15	11	9	11
7	8	10	6	2	3	24	16	17	15	11	9	11
8	8	11	9	2	3	25	16	17	15	11	10	11
9	8	10	8	2	3	23	18	17	15	11	10	11
10	8	9	10	2	4	21	17	15	15	12	12	11
11	8	10	10	2	4	21	16	14	18	12	10	11
12	8	10	11	2	4	21	16	13	17	12	10	11
13	8	10	11	2	4	21	15	17	16	11	9	11
14	8	11	11	2	4	21	15	20	18	11	9	11
15	8	10	10	2	4	18	16	38	15	11	9	11
16	9	10	9	2	4	23	16	42	14	11	9	10
17	9	9	9	2	5	20	15	25	14	10	9	10
18	10	8	9	2	7	21	15	18	14	9	9	10
19	10	7	9	2	9	22	15	16	15	9	9	10
20	10	8	10	2	9	21	15	18	14	9	9	10
21	10	9	11	2	9	19	15	18	13	9	9	10
22	10	9	11	2	14	19	14	16	13	9	9	10
23	10	8	10	2	18	19	14	15	13	9	8	10
24	10	9	10	2	18	19	13	14	12	9	8	10
25	10	9	9	2	20	20	13	14	12	9	8	9
26	10	8	8	2	20	21	14	13	12	9	8	9
27	10	7	10	2	21	19	13	13	11	9	8	9
28	11	8	9	3	21	18	13	13	11	9	10	9
29	12	8	6	2	..	18	12	13	11	9	11	10
30	12	9	7	3	..	18	13	12	11	9	10	10
31	11	..	7	3	..	17	..	12	..	10	11	..
Mean	9	..	9	3	8	21	15	16	14	10	9	10
Max.	12	11	11	9	21	27	18	42	18	12	12	11
Min.	8	6	5	2	3	17	12	10	11	9	8	9
A.F.	571	538	540	180	452	1300	900	1010	821	622	566	608

Total acre-feet 8110.

LOGEPOLE CREEK BELOW
OLIVER RESERVOIR AND NEW
RUTTNER DIVERSION DAM—
Sec. 31-15-56 W.

Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	4	1	2	2	3
2	4	1	2	4	3
3	4	1	2	7	3
4	4	4	2	6	3
5	4	4	2	6	3
6	4	4	2	6	2
7	4	5	6	2	2
8	4	5	7	4	2
9	4	4	6	4	2
10	4	4	6	4	1
11	4	4	7	4	1
12	4	4	6	4	1
13	4	4	4	4	1
14	4	4	4	4	1
15	4	4	2	4	1
16	5	4	1	4	1
17	4	4	2	4	1
18	4	4	2	4	1
19	4	4	2	4	1
20	4	4	2	4	1
21	5	4	2	4	1
22	4	4	2	4	1
23	4	4	2	4	1
24	4	4	2	6	1
25	4	4	2	4	1
26	4	4	2	4	1
27	4	4	2	3	1
28	4	4	4	3	1
29	3	4	4	4	1
30	2	2	3	3	1
31	1	..	2	3	..
Mean	4	4	3	4	1
Max.	5	5	7	7	3
Min.	1	1	1	2	1
A.F.	240	220	190	250	90

BUREAU OF IRRIGATION

LOGAN CREEK NEAR UEHLING—Sec. 16-20-8 E.

Water Year Ending September 30, 1949.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	39	52	35	40	35	50	300	96	199	140	104	70
2	38	47	35	40	35	90	300	95	4590	275	150	70
3	37	44	35	40	35	230	300	95	855	527	97	70
4	36	45	35	40	35	730	300	93	464	181	71	70
5	36	48	35	40	35	2500	300	89	260	170	64	70
6	40	48	35	40	35	2500	300	94	196	160	61	70
7	46	44	35	50	35	2500	300	97	162	150	63	70
8	44	42	35	50	35	5000	300	89	154	140	64	70
9	41	43	35	50	35	2500	300	90	140	604	58	70
10	39	44	35	50	35	1200	300	90	140	746	58	500
11	39	44	45	50	40	600	300	85	140	300	66	1000
12	38	44	45	50	40	600	300	87	140	165	65	150
13	38	44	45	50	40	600	300	98	140	115	65	150
14	38	42	45	50	40	600	300	85	131	110	500	150
15	38	43	45	50	40	340	300	81	185	100	100	150
16	38	44	45	50	40	340	250	81	140	100	100	150
17	38	42	45	35	40	340	220	85	140	95	100	150
18	38	42	45	35	40	340	193	85	140	85	100	80
19	40	35	45	35	40	340	162	179	140	89	100	80
20	40	30	45	35	40	340	140	102	140	89	100	80
21	40	25	45	35	40	600	131	1480	140	304	100	80
22	40	25	45	35	40	1200	135	2040	140	272	100	80
23	40	35	45	35	40	700	130	644	140	118	100	80
24	41	35	30	35	50	700	115	347	140	98	100	80
25	40	30	30	35	50	700	112	239	200	89	100	80
26	40	30	30	35	50	700	106	196	358	86	100	80
27	40	25	30	35	50	700	101	162	140	292	100	80
28	40	25	30	35	50	700	97	144	140	627	100	80
29	44	25	30	35	...	700	95	131	140	275	100	80
30	52	25	30	35	...	700	94	126	140	139	100	80
31	55	...	30	35	...	700	...	121	...	107	100	...
Mean	40	38	38	41	40	963	219	247	349	218	103	136
Max.	55	52	45	50	50	5000	300	2040	4590	746	500	1000
Min.	36	25	30	35	35	50	94	81	140	86	58	70
A.F.	2490	2230	2330	2510	2220	59190	13050	15220	20770	13390	6320	8070

Total acre-feet 147840.

LONG PINE CREEK NEAR RIVERVIEW—Sec. 5-31-20 W.

Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	91	100	100	109	110	138	134	120	122	90	93	93
2	91	103	107	112	110	132	140	120	122	90	88	91
3	91	103	107	95	103	142	136	100	112	90	90	94
4	91	101	107	100	109	149	159	107	110	85	88	109
5	98	105	105	105	110	144	247	114	109	85	83	101
6	101	101	105	115	112	134	264	112	107	85	82	105
7	101	100	109	125	114	124	205	112	107	93	80	101
8	100	100	109	120	114	120	155	112	109	243	82	98
9	98	98	109	115	112	162	169	118	116	116	115	96
10	98	101	105	115	114	110	218	109	120	101	142	103
11	98	101	110	110	116	116	193	105	114	96	103	105
12	96	100	110	107	114	116	170	103	216	96	96	105
13	101	100	112	110	114	116	134	103	182	100	96	100
14	101	101	112	110	114	114	138	103	209	98	96	98
15	103	101	107	107	114	105	138	103	153	96	100	94
16	105	101	107	95	114	107	144	105	120	96	96	96
17	105	103	107	95	116	112	130	100	114	96	101	93
18	105	101	109	100	116	118	112	103	107	93	98	90
19	103	101	110	100	112	122	110	109	109	93	107	91
20	103	101	110	100	112	128	110	107	109	101	93	90
21	103	103	107	100	112	134	112	124	112	96	86	91
22	103	107	112	100	116	124	110	149	107	91	86	93
23	101	103	114	100	124	128	112	159	93	90	86	91
24	101	103	114	100	140	126	114	149	107	93	90	93
25	101	98	110	100	128	120	116	138	101	90	93	93
26	103	98	110	100	138	149	116	130	96	94	91	91
27	103	98	110	100	138	186	114	114	103	93	91	93
28	103	101	109	100	130	193	114	126	96	94	90	91
29	103	100	109	100	...	155	112	112	96	100	94	91
30	103	105	110	100	...	149	112	114	96	94	94	94
31	103	...	109	100	...	130	...	122	...	91	93	...
Mean	100	101	109	105	117	131	144	116	119	99	94	96
Max.	105	107	114	123	140	193	264	159	216	243	142	109
Min.	91	98	100	95	103	105	110	93	85	80	80	90
A.F.	6160	6030	6690	6440	6500	8040	8590	7130	7090	6090	5800	5700

Total acre-feet 80260.

REPORT OF THE STATE ENGINEER.

LOUP RIVER NEAR GENOA—Sec. 25-17-4 W.
Water Year Ending September 30, 1919

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	21	109	1500	20	400	2100	1080	55	2640	324	26	45
2	20	98	144	20	400	2200	597	76	5830	91	58	50
3	20	105	82	20	400	2400	1230	126	2520	52	33	57
4	20	94	92	20	300	2800	1040	64	1330	52	35	55
5	21	92	1960	20	300	3200	1140	49	564	57	26	45
6	30	82	2880	20	150	4400	1100	33	324	81	25	50
7	52	73	2280	30	150	5500	1090	52	495	57	24	3290
8	49	58	1900	35	150	6600	1980	77	5540	47	10	2650
9	61	49	1960	45	150	5400	1930	564	2860	56	13	271
10	45	79	940	50	150	3800	2160	241	7510	46	8	53
11	24	188	410	45	150	2600	2430	113	3010	40	12	57
12	22	87	250	50	150	2000	1840	76	1080	36	22	25
13	39	58	200	55	150	2030	1470	91	2780	42	32	28
14	41	53	150	60	150	1720	1920	81	1360	38	52	18
15	50	52	110	65	150	1330	2370	65	818	42	85	19
16	50	56	80	70	100	827	1650	82	640	44	84	18
17	55	60	75	90	100	906	1200	100	421	31	85	67
18	60	57	65	100	100	1350	500	79	338	26	92	56
19	57	1590	60	350	100	2200	489	85	532	26	107	44
20	96	1400	50	400	100	3440	450	100	558	28	101	44
21	85	500	55	450	100	4770	180	96	263	28	74	51
22	81	300	70	450	120	3750	274	1290	131	33	70	41
23	84	300	70	450	180	2470	237	1240	105	27	57	31
24	57	600	45	450	390	2280	204	1180	98	29	63	36
25	42	1900	40	450	810	1620	191	538	87	35	57	32
26	74	953	35	550	1500	1270	80	259	109	36	58	26
27	68	1280	30	550	2000	1610	42	141	295	31	58	29
28	79	1190	25	550	2000	1780	42	105	385	37	61	25
29	100	1600	25	550	...	1380	41	230	173	37	27	42
30	107	1400	20	550	...	1670	34	94	122	37	45	36
31	98	...	20	550	...	2560	...	122	...	34	39	...
Mean	55	481	504	230	389	2644	966	242	1431	51	50	243
Max.	107	1900	2880	550	2000	6600	2430	1290	7510	324	107	3290
Min.	20	49	20	20	100	827	84	33	87	26	8	18
A.F.	3390	28630	30990	14110	21620	162600	57500	14880	85130	3130	3050	14460

Total acre-feet 439490.

LOUP RIVER AT COLUMBUS—Sec. 30-17-1 E.
Water Year Ending September 30, 1919

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	113	143	916	120	480	2700	2080	361	1080	731	167	143
2	109	176	499	120	500	2700	1490	352	9030	550	158	133
3	113	178	307	140	510	3400	1670	342	3710	302	156	133
4	109	187	266	130	490	3700	1570	342	1630	233	167	206
5	109	203	1210	120	440	4800	1420	371	1160	222	161	153
6	138	206	2930	130	330	5910	1800	347	1000	240	158	219
7	153	176	3100	170	330	5850	1740	333	970	282	143	2370
8	153	164	2080	150	310	7010	2560	451	4660	251	135	2980
9	158	170	1970	130	290	6780	2850	640	3080	254	125	898
10	170	164	1200	160	290	5190	3260	678	5400	251	138	469
11	143	401	829	180	280	3190	3370	423	3640	212	128	557
12	118	212	324	180	270	2390	2440	333	1460	212	130	298
13	118	158	274	170	270	2440	1860	324	1100	233	133	236
14	158	167	219	190	280	2250	1650	316	2670	232	130	219
15	140	176	300	210	270	1720	2320	329	1670	209	190	196
16	143	178	200	210	250	1360	2320	307	829	196	795	200
17	145	178	200	210	250	1250	1690	302	1030	170	371	193
18	153	181	190	240	260	1270	1490	311	812	170	342	181
19	151	173	219	280	240	1560	1210	329	1250	170	457	173
20	148	1050	219	320	230	3210	1000	311	763	176	380	170
21	178	493	216	310	260	6050	812	463	518	151	270	158
22	173	282	229	360	320	5340	715	1460	371	158	203	156
23	176	190	247	350	380	3680	544	2050	361	170	203	151
24	181	196	274	330	490	2930	469	1390	282	145	196	151
25	164	640	229	380	710	2060	423	1350	282	135	187	164
26	109	2080	203	370	940	2000	371	1170	240	153	173	148
27	181	1460	209	380	1700	2500	361	863	282	173	200	156
28	181	1260	244	360	2500	2590	342	755	251	167	178	164
29	206	1490	170	450	...	2300	338	708	739	178	151	167
30	193	1100	130	520	...	2030	338	739	1520	167	148	167
31	138	...	130	520	...	3460	...	619	...	151	148	...
Mean	148	461	633	255	495	3343	1483	615	1726	229	214	300
Max.	206	2080	3100	520	2500	7010	3370	2050	9030	731	795	2980
Min.	109	143	130	120	230	1250	338	302	240	135	125	133
A.F.	9130	27440	38940	15650	27510	205500	86270	37820	102700	14070	13130	23220

Total acre-feet 603380.

BUREAU OF IRRIGATION

LOUP RIVER, MIDDLE, AT DUNNING—Sec. 33-22-24 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	361	412	403	280	400	510	421	469	391	344	341	341
2	341	391	394	270	400	550	434	428	379	358	336	333
3	341	394	424	260	380	500	450	431	352	352	336	388
4	338	428	476	240	380	460	460	424	352	341	333	428
5	347	412	437	220	380	513	499	456	358	336	327	391
6	350	358	590	160	380	489	530	456	385	379	327	409
7	307	373	390	190	390	460	513	388	460	400	327	394
8	302	370	390	390	380	466	492	409	406	393	330	391
9	350	367	390	430	400	428	543	394	409	344	353	388
10	373	388	370	430	370	418	476	391	423	330	373	420
11	370	379	390	370	380	424	409	409	431	333	350	445
12	397	415	410	380	410	456	424	406	440	344	336	394
13	385	388	388	380	320	453	447	412	456	358	350	373
14	379	415	409	370	280	450	434	400	424	350	352	379
15	364	406	400	380	430	430	406	397	394	361	341	376
16	347	428	390	360	450	430	388	418	376	358	347	379
17	347	418	390	300	460	421	415	424	379	358	376	367
18	336	440	390	280	490	434	397	415	373	352	385	358
19	376	370	390	320	420	447	394	397	373	355	382	347
20	409	380	390	310	370	472	403	388	379	379	358	350
21	403	410	406	280	390	513	415	453	379	376	338	344
22	379	400	421	280	440	476	406	450	376	361	333	347
23	361	397	421	350	500	509	397	403	373	358	333	344
24	385	415	390	340	540	492	391	364	373	358	322	355
25	409	421	390	290	540	485	403	370	367	361	359	352
26	403	421	370	320	570	536	391	379	347	355	386	352
27	409	380	350	380	540	519	394	373	367	352	350	355
28	424	350	300	380	520	540	388	385	350	355	341	341
29	440	390	250	340	...	540	397	358	352	379	352	330
30	412	388	290	330	...	520	412	355	350	385	355	320
31	406	...	280	370	...	450	...	370	...	358	367	...
Mean	373	397	383	322	426	477	431	406	386	359	348	370
Max.	440	440	476	430	570	550	543	469	460	440	386	445
Min.	302	350	250	180	280	418	383	355	347	330	322	320
A.F.	22910	23610	23560	19800	23640	29340	25640	24940	22970	22060	21410	22000

Total acre-feet 281880.

LOUP RIVER, MIDDLE, AT WALWORTH—Sec. 1-19-20 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	752	744	694	530	720	1200	1600	905	895	638	727	710
2	686	736	646	560	720	1200	1220	761	895	630	718	694
3	646	761	718	510	720	1200	1120	955	853	654	694	702
4	646	770	752	400	720	1300	1110	1190	849	646	678	831
5	654	813	710	250	720	1400	1180	1210	858	638	678	770
6	600	744	660	280	720	1100	1340	955	925	718	678	795
7	585	654	660	360	720	1100	1200	935	1320	858	670	778
8	630	630	620	510	750	1000	1110	752	1030	955	662	770
9	670	702	620	760	760	950	1240	744	1130	795	662	804
10	678	646	580	910	780	940	1210	786	1130	761	778	795
11	718	646	620	830	750	950	996	822	1090	736	744	895
12	761	702	770	790	760	840	1060	813	1080	718	670	905
13	702	622	690	770	700	850	1120	849	1010	702	694	849
14	702	686	650	830	700	850	965	831	996	670	686	887
15	778	694	650	840	700	500	996	867	867	654	727	867
16	718	778	680	830	700	650	822	876	804	654	770	895
17	702	778	670	660	760	650	761	895	786	662	752	867
18	694	786	710	560	880	900	752	885	752	654	813	822
19	702	670	740	560	910	1110	786	885	718	662	778	752
20	710	610	760	630	850	1030	727	876	752	694	786	752
21	718	610	800	620	800	1130	727	1160	761	702	736	736
22	718	710	849	570	780	1120	915	1070	752	662	736	710
23	718	760	858	590	890	1210	876	1130	744	654	736	702
24	694	820	830	670	1100	1140	1010	1040	752	646	762	710
25	686	850	720	600	1200	1080	925	1080	736	670	761	718
26	761	850	620	580	1200	1180	813	1070	694	718	908	778
27	744	830	580	560	1200	1120	813	1070	761	694	744	786
28	822	822	630	720	1200	1020	778	985	718	670	761	736
29	840	770	410	720	...	1060	804	1040	761	761	770	752
30	702	718	250	640	...	1000	1010	858	678	752	795	710
31	710	...	320	660	...	600	...	786	...	744	778	...
Mean	705	732	660	625	836	1012	1000	938	870	702	737	784
Max.	840	880	858	910	1200	1400	1600	1210	1320	955	908	905
Min.	585	610	250	250	700	500	727	744	678	630	662	694
A.F.	43330	43560	40560	38440	46430	62200	59480	57680	51770	43180	45310	46630

Total acre-feet 578570.

REPORT OF THE STATE ENGINEER

LOUP RIVER, MIDDLE, AT ARCADIA—Sec. 26-17-16 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	610	901	810	250	800	1190	1430	865	746	638	521	722
2	661	838	840	390	770	1190	1820	763	771	610	521	631
3	631	856	870	620	790	1240	1300	804	821	610	495	676
4	610	847	860	690	740	1260	1420	1020	804	617	477	763
5	617	985	690	710	740	1330	1260	1190	812	624	462	910
6	738	856	670	610	800	1540	1630	1000	812	624	412	928
7	738	722	670	480	790	1640	1860	865	1350	661	412	830
8	730	787	690	470	720	1690	1370	938	1260	938	412	812
9	730	771	580	480	740	1800	1480	1000	1220	1030	412	812
10	668	830	470	450	760	1570	1480	928	1260	787	452	873
11	684	821	520	650	820	1440	1450	956	1510	706	568	928
12	699	865	670	950	780	1420	1200	1040	1440	661	470	1110
13	588	847	680	940	730	1340	1100	1010	1260	631	406	975
14	653	856	700	930	770	1110	1000	975	995	638	401	891
15	714	804	690	900	670	780	1000	847	847	567	446	947
16	730	787	690	850	630	520	940	882	795	560	541	919
17	631	746	660	860	780	810	920	928	856	534	547	865
18	653	754	690	840	850	890	901	985	847	470	567	856
19	653	700	750	810	790	940	865	995	754	446	763	795
20	668	700	800	810	800	920	812	966	699	483	684	754
21	699	710	890	870	870	1240	763	1460	661	401	684	746
22	722	730	830	870	920	1340	779	1460	661	406	631	730
23	722	730	770	840	950	1540	910	1150	668	412	624	684
24	668	720	670	840	1000	1580	901	1100	699	390	588	638
25	661	850	570	800	1130	1720	910	966	676	374	567	676
26	684	840	550	800	1330	2130	928	901	646	379	631	691
27	676	840	510	800	1300	1960	847	910	714	406	845	722
28	691	850	390	800	1280	1490	763	882	706	401	646	653
29	891	850	330	800	...	1100	821	891	763	440	661	588
30	919	860	370	800	...	1040	865	812	722	508	661	567
31	882	...	300	800	...	860	...	661	...	477	779	...
Mean	697	808	651	734	859	1298	1128	973	886	562	557	790
Max.	919	985	890	950	1330	2130	1860	1460	1440	1030	845	1110
Min.	588	700	300	250	630	520	763	661	646	374	401	567
A.F.	42880	48110	40030	45100	47700	79810	66990	59800	52710	34570	34270	46990

Total acre-feet 598960.

LOUP RIVER, MIDDLE, AT LOUP CITY—Sec. 14-15-15 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	630	532	680
2	650	524	660
3	640	493	650
4	630	451	692
5	620	404	821
6	580	391	912
7	572	378	842
8	748	378	776
9	1040	365	714
10	1000	752	359	752
11	972	680	443	814
12	988	640	500	988
13	1160	610	451	1020
14	1000	610	437	800
15	988	572	725	850
16	972	532	580	820
17	956	508	590	800
18	1050	458	680	780
19	842	424	828	704
20	764	451	716	670
21	680	398	704	692
22	660	384	640	740
23	680	378	580	728
24	680	365	548	640
25	692	359	524	650
26	670	359	516	680
27	800	410	705	740
28	704	404	630	670
29	752	437	620	620
30	680	516	620	572
31	532	670	...
Mean	842	545	548	749
Max.	1160	1040	828	1020
Min.	660	359	359	572
A.F.	35090	33500	33680	44580

Total acre-feet 146800.

BUREAU OF IRRIGATION

487

LOUP RIVER, MIDDLE, AT ST. PAUL—Sec. 10-14-10 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	780	931	1120	400	780	2100	1580	1010	2100	1170	576	762
2	762	931	1190	590	750	2100	2230	1040	2320	981	640	806
3	825	891	1210	500	790	2100	1860	981	1580	911	618	788
4	816	961	1490	600	790	2300	1820	981	1840	825	611	844
5	762	1170	1550	760	800	2600	1810	991	1810	762	569	853
6	762	1050	1400	830	800	2700	1860	1390	1930	771	543	3040
7	816	1020	1100	840	850	3200	2150	1410	5350	806	500	4160
8	921	981	900	860	850	3300	2260	1590	3910	844	465	2300
9	872	931	840	650	900	2370	2000	1520	6860	1000	448	1450
10	727	1030	600	620	900	2020	2890	1330	5390	1340	459	1330
11	710	1030	510	640	940	1780	2760	1190	1990	1000	459	1230
12	750	1040	640	680	890	1590	2220	1180	1370	1090	483	1280
13	835	1040	660	820	870	1820	1750	1130	1480	901	611	1280
14	844	1040	710	940	850	1550	1930	1050	1740	806	543	1210
15	853	1040	880	1000	850	1110	1680	1060	1590	806	556	1000
16	863	1050	900	940	880	1120	1360	1060	1620	780	1130	1000
17	891	1050	900	960	910	1100	1040	1080	1280	687	825	961
18	921	1010	900	1000	870	1080	1100	1360	1450	648	816	1000
19	863	480	940	960	870	2120	1210	1220	1400	604	882	961
20	797	160	980	900	860	2760	1190	1100	1140	556	961	911
21	788	190	990	790	930	2810	1370	1650	1280	562	1020	844
22	363	210	1000	770	990	2000	1290	2000	1150	556	941	806
23	872	970	980	840	1200	1900	1260	1860	991	471	870	853
24	863	2000	760	850	1500	1690	1170	1590	1030	494	780	872
25	853	2050	620	780	2300	1810	981	1450	1040	483	702	797
26	853	1780	570	780	2200	1740	991	1110	1080	483	663	797
27	872	1630	510	810	2100	2200	1110	1130	1010	488	671	806
28	863	1260	510	800	2000	2150	941	1310	1370	512	771	863
29	921	1170	410	800	....	1840	911	1340	1560	519	853	844
30	961	1150	400	790	....	2140	971	1480	1280	512	788	806
31	961	....	380	780	....	2200	....	1520	....	550	771	....
Mean	841	1042	856	783	1079	2035	1590	1293	1988	739	694	1183
Max.	961	2050	1550	1000	2300	3300	2890	2000	6860	1340	1130	4160
Min.	710	160	380	400	750	1080	911	981	991	471	448	762
A.F.	51710	61980	52660	48160	59940	125200	94600	79520	118900	45460	42690	70420

Total acre-feet 851240.

LOUP RIVER, MIDDLE, NEAR SENECA—Sec. 17-24-31 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	168	199	204	188	210	199	245	258	204	178	181	152
2	174	194	202	202	210	204	258	261	196	184	184	161
3	181	196	210	175	210	227	248	254	194	181	194	171
4	186	191	227	175	210	230	270	245	196	176	186	178
5	186	183	194	175	207	227	297	258	194	181	184	178
6	184	174	181	175	199	204	297	224	218	218	181	181
7	176	178	186	200	207	221	280	230	242	204	174	176
8	174	174	188	250	207	227	254	236	248	199	166	174
9	178	168	191	225	202	202	245	230	280	188	168	174
10	178	166	191	225	207	202	242	239	280	188	171	186
11	168	168	194	225	204	202	258	239	267	188	166	181
12	178	168	194	218	200	204	261	236	270	186	164	178
13	181	178	196	215	200	207	254	233	242	191	174	176
14	184	191	202	210	200	204	230	221	233	196	174	188
15	194	178	196	204	210	191	218	221	221	199	176	188
16	186	178	191	196	210	191	221	239	221	196	188	188
17	178	181	191	194	240	184	221	248	210	199	178	191
18	191	196	199	194	230	191	204	236	199	196	188	191
19	196	176	199	199	230	236	204	221	194	196	181	184
20	196	191	199	200	227	274	210	224	194	199	186	186
21	194	176	199	200	224	264	213	245	171	188	181	184
22	188	168	199	200	227	307	218	227	161	188	171	174
23	188	184	196	200	239	287	215	242	161	188	166	171
24	204	191	191	200	239	270	221	230	164	194	166	183
25	202	196	191	210	227	251	315	230	171	196	166	191
26	202	204	196	207	227	314	215	221	174	199	166	194
27	202	204	191	210	227	283	213	215	178	186	164	184
28	196	204	191	200	213	309	215	204	178	184	159	176
29	221	215	181	200	....	300	213	204	178	188	161	181
30	210	218	184	200	....	290	258	204	181	181	154	188
31	213	....	184	200	....	248	....	207	....	181	152	....
Mean	189	186	195	202	216	237	237	232	207	191	173	180
Max.	221	218	227	250	240	314	297	261	280	218	194	194
Min.	168	166	181	175	199	184	204	204	161	176	152	152
A.F.	11620	11090	11980	12440	11970	14560	14110	14250	12340	11750	10650	10740

Total acre-feet 147500.

REPORT OF THE STATE ENGINEER

LOUP RIVER, NORTH, AT BREWSTER—Sec. 28-23-22 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	304	358	388	200	310	680	600	413	482	349	330	315
2	304	345	421	210	320	730	600	413	477	345	276	315
3	311	341	358	210	330	770	630	396	500	352	269	313
4	304	344	400	220	330	810	661	451	477	349	285	372
5	304	360	438	240	330	840	682	421	460	341	269	337
6	308	364	310	270	340	798	635	421	446	364	262	368
7	311	352	320	310	340	687	585	396	556	356	246	368
8	304	333	300	320	340	656	575	434	546	451	252	352
9	293	337	300	300	340	651	610	434	566	413	259	330
10	300	337	290	300	350	615	590	400	575	349	322	352
11	300	341	350	300	350	566	580	442	575	341	286	392
12	300	330	360	330	340	550	551	442	561	360	293	384
13	308	326	390	340	340	575	575	434	640	341	293	337
14	308	337	400	340	340	556	546	434	620	341	283	333
15	308	322	390	340	340	550	518	434	523	341	286	330
16	318	322	340	330	340	550	482	446	434	300	311	318
17	322	322	320	320	370	566	455	464	442	300	311	318
18	318	320	340	310	380	532	408	460	434	300	376	311
19	315	320	340	300	370	527	384	455	417	283	482	308
20	311	322	360	300	370	514	384	455	417	290	392	311
21	308	341	340	300	370	518	396	698	396	283	352	311
22	308	368	330	300	400	523	400	666	380	276	330	297
23	322	364	310	300	500	561	380	605	349	269	311	300
24	322	384	280	300	650	595	384	605	364	272	318	300
25	322	400	240	300	680	556	388	504	356	279	318	304
26	322	360	230	300	700	677	392	518	349	279	318	290
27	322	364	220	310	680	651	368	522	368	286	326	300
28	322	364	200	310	680	651	356	473	337	297	311	293
29	345	376	180	310	...	661	352	451	326	315	318	297
30	345	376	160	310	...	600	364	434	533	315	322	308
31	384	...	190	310	...	400	473	473	322	322	322	308
Mean	315	348	317	265	412	617	494	471	457	324	311	326
Max.	384	400	438	340	700	840	682	698	640	451	482	392
Min.	293	320	150	200	310	400	352	396	326	269	246	290
A.F.	19380	20690	19470	18130	22870	37920	29420	28950	27190	19950	19100	19380

Total acre-feet 282400.

LOUP RIVER, NORTH, NEAR TAYLOR—Sec. 22-21-18 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	288	416	406	220	410	990	570	431	516	373	292	288
2	288	391	421	220	410	1030	682	574	545	373	258	281
3	304	401	431	240	410	1050	710	478	499	378	243	277
4	292	421	421	240	420	1080	744	488	488	382	231	333
5	304	478	359	220	430	1060	716	574	451	359	212	391
6	329	451	316	230	420	940	974	781	488	359	221	406
7	312	441	308	370	420	832	1050	662	698	378	218	411
8	312	441	350	380	420	744	917	605	650	435	188	411
9	304	421	387	360	420	650	950	624	669	720	179	378
10	300	446	436	330	420	530	1220	605	611	556	241	382
11	316	446	426	350	420	550	855	510	556	416	288	441
12	321	472	431	380	440	593	878	472	605	391	224	462
13	325	472	478	400	430	624	802	516	636	396	241	421
14	321	431	494	440	430	624	780	462	710	373	224	387
15	333	436	467	430	420	516	586	467	568	355	208	387
16	321	431	426	430	430	528	617	462	467	337	218	387
17	304	426	431	420	430	636	550	483	426	288	334	368
18	321	426	451	430	460	605	545	539	406	234	464	378
19	342	380	446	420	460	611	499	510	416	215	636	373
20	342	270	441	410	460	586	488	499	416	224	611	373
21	342	330	483	410	480	630	483	710	416	221	431	359
22	337	380	488	430	500	605	499	847	406	208	378	355
23	321	470	478	430	540	643	483	723	391	190	312	342
24	325	560	400	420	590	751	462	696	373	168	281	368
25	337	500	350	410	630	802	472	643	368	176	269	364
26	321	431	300	410	730	901	478	574	555	208	304	368
27	316	431	280	420	790	1000	472	562	406	185	325	359
28	316	416	250	410	880	855	462	533	391	179	337	350
29	359	436	190	400	...	847	457	539	446	248	337	350
30	359	441	150	400	...	901	478	467	373	253	304	355
31	373	...	200	400	...	450	450	451	293	293	298	355
Mean	323	430	384	371	489	749	663	564	491	319	300	370
Max.	373	560	494	440	880	1080	1220	847	710	720	636	462
Min.	288	270	150	220	410	450	457	431	355	168	179	277
A.F.	19840	25580	23590	22830	27150	46040	39430	34670	29240	19590	18470	22030

Total acre-feet 328460.

BUREAU OF IRRIGATION

489

LOUP RIVER, NORTH, AT SCOTIA—Sec. 8-17-12 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	592	812	810	470	730	1130	1080	972	856	740	478	627
2	592	839	870	590	730	1100	1260	986	986	700	528	827
3	592	845	1020	550	730	1540	1280	960	984	681	430	636
4	592	878	990	500	730	1360	1520	823	984	663	398	760
5	636	1120	920	590	730	2150	1660	801	984	654	349	760
6	654	984	840	620	800	2500	1690	1010	960	645	349	878
7	654	889	800	660	800	2420	1580	1110	1440	645	343	936
8	720	867	770	670	800	2180	1920	1110	1620	700	325	856
9	681	867	770	740	800	1780	1940	1140	1520	823	295	867
10	663	900	780	740	840	1590	1900	948	1420	960	300	889
11	654	856	800	740	840	1430	1800	900	1280	834	325	834
12	645	834	880	830	840	1390	1680	801	1150	654	385	889
13	663	823	880	860	850	1390	1540	740	2450	654	373	900
14	654	780	910	890	850	1150	1400	812	1240	654	325	834
15	672	801	890	920	850	1140	1300	801	1190	592	331	790
16	681	856	880	930	870	1110	1200	856	1020	552	385	750
17	681	845	860	840	870	1190	1100	867	996	552	505	750
18	690	889	830	850	870	1080	1110	845	1060	528	579	740
19	690	300	830	870	890	996	1140	831	912	437	948	760
20	654	250	810	870	890	1070	1050	823	867	499	996	740
21	690	400	820	860	900	1250	1050	1220	823	485	867	672
22	681	1040	820	850	1000	1160	1010	1660	790	404	730	663
23	672	1250	830	860	1000	1100	996	1520	790	373	690	663
24	690	1350	810	850	1000	1180	996	1300	790	337	609	681
25	710	1300	600	850	1070	1250	948	1080	790	320	568	672
26	730	1280	510	850	1050	1420	1010	972	740	321	568	672
27	690	1090	520	800	1100	1730	1010	867	845	367	600	690
28	700	1010	550	800	1180	1540	960	845	801	331	627	690
29	750	910	570	800	...	1470	900	936	889	361	636	681
30	790	930	390	750	...	1660	878	889	924	411	700	681
31	790	...	410	750	...	1200	...	878	...	513	645	...
Mean	676	895	774	764	879	1457	1310	976	1068	561	522	753
Max.	790	1350	1020	930	1180	2500	1940	1660	2450	960	996	936
Min.	592	250	390	470	730	996	878	740	740	320	295	627
A.F.	41560	53250	47600	48990	48510	89570	77970	60010	63570	34510	32110	44800

Total acre-feet 640750.

LOUP RIVER, NORTH, NEAR ST. PAUL—Sec. 22-15-10 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	605	763	900	500	710	1600	1200	908	1020	920	506	614
2	596	828	880	560	730	1600	1430	972	920	784	472	596
3	596	752	940	570	710	1700	1390	933	920	742	490	605
4	643	816	960	660	680	1950	1530	959	920	721	447	700
5	690	1010	850	580	680	2600	1380	840	908	710	430	784
6	742	1110	840	530	680	3400	1860	920	897	700	374	874
7	700	959	690	520	680	4050	1980	985	1220	672	350	985
8	700	920	650	460	680	2900	2070	1280	1700	700	320	828
9	710	828	510	570	680	2100	1980	1260	1720	794	290	784
10	681	805	430	660	680	1700	1880	1200	1610	794	263	828
11	681	840	340	630	650	1500	1880	1100	1500	920	254	742
12	634	784	490	610	650	1500	1640	1020	1250	721	282	763
13	596	784	790	670	660	1350	1590	920	2750	652	320	874
14	614	794	820	670	680	1300	1700	908	1640	700	328	874
15	634	794	850	630	670	1050	1550	920	1300	662	350	851
16	643	836	850	650	680	920	1390	846	1230	596	382	816
17	614	851	760	700	670	1150	1200	1020	1040	569	430	784
18	624	908	710	720	710	1300	1050	972	1200	551	542	742
19	652	760	750	710	720	1350	1020	908	1180	524	920	721
20	614	590	730	710	780	1350	998	908	972	430	1080	700
21	643	420	800	680	800	1350	985	1147	897	524	998	662
22	652	300	870	680	840	1330	959	1680	805	481	886	634
23	662	670	1060	690	870	1250	933	1590	784	422	742	643
24	681	850	850	690	990	1330	920	1340	763	382	662	652
25	690	1000	720	700	1050	1330	886	1140	763	342	578	681
26	700	1250	500	700	1200	1360	886	1050	752	459	578	710
27	690	1350	550	730	1400	1680	933	946	1110	422	578	721
28	681	1050	700	740	1450	1620	920	862	1140	422	605	681
29	710	970	630	740	...	1610	874	874	895	382	652	710
30	742	960	500	690	...	1880	851	959	1050	374	700	732
31	763	...	320	710	...	1610	...	886	...	430	652	...
Mean	664	853	717	647	799	1701	1336	1043	1165	597	531	743
Max.	763	1350	1060	740	1450	4050	2070	1680	2750	920	1080	985
Min.	596	300	320	460	650	930	851	840	752	342	254	596
A.F.	40830	50780	44110	39790	44350	104600	79490	64160	69310	36700	32660	44210

Total acre-feet 650990.

REPORT OF THE STATE ENGINEER

LOUP RIVER, SOUTH, NEAR CUMRO—Sec. 4-12-18 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	110	132	180	100	110	260	200	189	198	163	115	105
2	109	170	170	100	110	260	260	179	208	136	115	105
3	106	132	160	100	110	270	280	179	210	128	109	106
4	101	132	170	100	110	270	268	172	212	126	108	113
5	101	138	150	90	110	280	290	172	222	125	105	119
6	98	132	150	95	110	280	297	177	226	128	100	1480
7	99	129	150	100	120	265	308	177	265	136	98	721
8	100	126	150	100	120	265	319	194	310	144	94	252
9	103	126	140	100	130	252	347	212	300	146	94	176
10	103	126	140	100	130	256	324	198	263	131	99	160
11	103	124	140	100	130	243	297	187	250	125	99	150
12	106	122	160	110	130	239	290	185	245	124	99	146
13	108	121	160	120	120	228	310	179	252	121	121	144
14	109	119	150	130	120	218	287	172	263	118	110	141
15	114	119	150	130	120	208	265	167	235	121	110	140
16	117	119	160	130	120	196	243	181	198	121	109	134
17	121	119	160	130	120	192	228	181	187	119	106	131
18	124	131	160	120	120	183	218	177	196	118	108	131
19	125	104	180	120	120	183	212	174	176	115	109	129
20	126	113	160	120	120	189	208	177	168	119	114	129
21	128	130	150	120	120	206	206	214	161	119	114	126
22	129	160	150	120	150	208	196	252	158	114	114	126
23	131	180	150	120	220	206	190	248	153	115	108	126
24	132	160	140	120	320	206	187	226	152	118	103	125
25	134	150	130	120	370	206	181	210	149	118	101	125
26	132	150	130	110	330	233	189	208	136	124	105	121
27	132	160	120	110	300	232	183	204	135	129	110	125
28	134	170	120	110	280	239	181	206	140	125	108	124
29	140	170	110	110	...	254	179	206	141	125	101	124
30	141	180	90	110	...	250	183	202	138	128	114	124
31	136	...	90	110	...	220	...	198	...	124	109	...
Mean	118	137	146	111	160	234	244	194	202	126	107	199
Max.	141	180	180	130	370	282	347	252	310	163	121	1480
Min.	98	104	90	90	110	183	179	167	135	114	94	105
A.F.	7240	8140	8970	6850	8870	14410	14530	11910	12010	7740	6560	11820

Total acre-feet 119050.

LOUP RIVER, SOUTH, AT RAVENNA—Sec. 17-12-14 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	111	158	170	90	120	360	332	192	238	226	120	114
2	112	136	190	100	120	370	351	195	229	235	104	108
3	118	130	210	130	120	460	398	182	229	190	102	106
4	118	144	170	160	130	760	371	202	229	168	93	142
5	116	158	140	160	130	880	343	198	250	172	93	202
6	116	164	110	120	130	780	393	220	384	148	93	2580
7	106	152	110	120	130	730	388	200	1340	128	90	2160
8	102	152	120	120	130	450	371	238	685	140	88	573
9	106	148	120	140	130	370	420	256	2720	144	86	314
10	111	145	130	150	130	307	573	268	990	150	89	220
11	111	152	100	150	130	296	476	250	531	140	89	192
12	114	146	120	130	140	265	486	232	351	122	96	180
13	116	148	130	130	140	241	388	220	579	122	96	176
14	110	136	140	130	140	241	375	217	355	130	126	185
15	116	134	160	130	130	250	363	198	343	114	202	180
16	117	132	160	130	110	253	363	217	279	114	138	166
17	117	140	160	130	130	247	290	256	265	110	144	162
18	114	154	160	130	130	253	290	296	310	110	138	154
19	122	150	160	110	140	241	265	279	268	110	142	144
20	130	160	160	120	140	238	259	279	282	110	142	136
21	134	170	180	130	140	262	253	384	192	110	148	136
22	134	180	150	130	170	279	235	335	176	114	144	128
23	138	190	150	120	300	265	229	380	198	112	126	142
24	134	240	130	120	590	268	235	416	202	110	114	136
25	134	180	130	120	780	276	223	279	208	106	93	146
26	132	170	120	120	790	279	217	259	217	105	98	136
27	132	160	100	120	790	445	223	247	241	110	104	136
28	136	150	100	120	390	363	217	256	460	117	104	136
29	140	150	100	120	...	332	241	240	259	117	96	134
30	138	190	90	120	...	416	190	229	211	116	104	136
31	144	...	90	130	...	486	...	238	...	124	116	...
Mean	122	157	137	127	236	376	325	253	439	133	113	319
Max.	144	240	210	160	790	880	573	416	2720	235	202	2580
Min.	102	130	90	90	110	238	190	182	176	105	86	106
A.F.	7500	9360	8450	7800	13090	23130	19350	15590	26120	8180	6980	18960

Total acre-feet 164510.

BUREAU OF IRRIGATION

491

LOUP RIVER, SOUTH, AT ST. MICHAEL—Sec. 12-11-13 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	122	170	190	130	150	480	420	255	277	228	137	126
2	124	168	200	140	150	570	396	252	274	228	121	122
3	124	168	220	170	150	610	483	233	263	211	122	119
4	127	172	240	170	160	920	447	233	263	176	118	138
5	126	185	210	160	160	1200	408	253	266	164	111	135
6	124	178	160	150	160	980	452	242	258	182	107	2310
7	126	174	160	140	160	720	478	252	1780	160	104	3010
8	126	166	160	150	160	460	542	290	762	168	102	819
9	126	166	160	150	170	410	600	325	2320	170	99	434
10	127	168	160	150	170	350	550	328	2020	178	102	322
11	127	170	150	160	160	369	496	286	875	260	99	283
12	124	172	160	160	160	355	528	272	672	242	99	255
13	130	174	180	160	170	328	496	260	590	192	99	226
14	134	170	180	150	160	341	524	258	488	178	118	214
15	134	170	180	170	160	300	442	250	542	166	195	206
16	138	166	180	130	150	310	420	258	524	156	185	192
17	138	166	170	130	150	310	384	290	315	148	156	182
18	142	168	170	130	160	312	351	352	355	137	152	182
19	148	160	170	120	160	315	315	341	322	134	148	178
20	148	170	180	120	190	322	306	309	277	127	142	170
21	150	180	190	130	210	338	306	465	252	124	146	168
22	152	190	200	130	230	358	283	474	242	130	140	168
23	150	200	180	140	270	344	269	580	226	130	129	162
24	148	280	160	140	700	344	263	649	226	137	122	154
25	148	260	140	140	830	344	258	550	223	127	114	146
26	148	210	160	140	890	373	255	412	206	121	114	140
27	154	230	140	140	750	528	266	369	206	124	113	138
28	156	190	150	140	510	474	263	358	322	122	116	137
29	166	190	160	150	...	447	263	322	299	150	116	137
30	168	190	140	150	...	528	255	318	272	130	113	137
31	170	...	150	150	...	550	280	...	...	127	116	...
Mean	140	184	173	145	271	472	391	331	511	161	124	370
Max.	170	280	240	170	890	1200	600	649	2320	260	195	3010
Min.	122	160	140	120	150	300	255	233	206	121	99	119
A.F.	8580	10950	10610	8910	15070	29000	23240	20380	31570	9890	7650	22040

Total acre-feet 197890.

MEDICINE CREEK AT CAMBRIDGE—Sec. 19-4-25 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	43	57	65	40	55	130	86	64	58	93	38	3
2	43	55	70	45	55	140	90	59	60	74	38	3
3	41	54	70	40	60	140	95	60	58	67	39	4
4	39	58	70	35	55	130	91	58	59	64	39	5
5	38	60	65	30	55	120	92	61	91	63	38	4
6	37	58	60	30	55	99	95	67	70	64	36	5
7	36	60	55	45	55	92	102	67	191	70	36	5
8	38	60	50	50	50	87	101	132	98	178	26	5
9	38	60	50	55	55	86	97	157	91	269	5	5
10	39	61	45	65	50	82	93	130	83	62	6	5
11	40	62	55	65	50	78	37	100	76	56	5	5
12	42	62	70	65	45	75	84	84	70	52	5	4
13	43	62	75	65	45	74	80	123	73	52	8	5
14	44	63	65	65	45	72	76	80	77	56	6	4
15	45	62	70	60	50	65	70	74	75	58	6	4
16	44	62	60	60	50	77	70	114	70	48	6	4
17	45	62	55	50	50	78	68	95	64	46	17	4
18	48	58	60	50	70	76	64	85	280	44	13	4
19	48	48	60	45	95	75	64	81	166	42	6	3
20	49	30	65	40	110	77	68	104	76	42	6	2
21	50	40	70	45	130	80	68	104	66	41	6	2
22	51	40	70	45	160	82	66	89	60	40	5	4
23	52	55	60	50	360	84	65	89	54	41	5	3
24	53	65	50	45	560	81	66	83	54	41	5	4
25	55	70	45	45	330	78	64	76	52	42	5	4
26	56	65	40	50	170	86	68	70	51	46	5	4
27	58	65	35	50	130	90	66	68	51	45	5	3
28	58	60	35	50	110	98	64	62	54	42	3	4
29	63	60	35	50	...	93	62	62	105	42	4	3
30	59	60	35	50	...	93	62	62	132	41	4	3
31	58	...	40	50	...	70	...	58	...	39	3	...
Mean	47	58	56	49	111	90	78	85	86	63	14	4
Max.	63	70	75	65	560	140	102	157	280	269	39	5
Min.	36	30	35	30	45	65	62	58	51	39	3	2
A.F.	2880	3440	3470	3030	6160	5530	4610	5200	5090	3890	848	234

Total acre-feet 44380.

MELBETA DRAIN—Sec. 13-21-54 W.
Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	1	1	0	23	7
2	0	0	0	20	11
3	2	0	12	21	15
4	0	9	3	0	15
5	1	13	1	0	16
6	0	37	6	0	17
7	1	3	1	0	20
8	1	4	0	0	26
9	4	0	0	0	27
10	5	1	1	0	28
11	3	0	1	0	25
12	2	1	6	0	27
13	4	4	9	7	26
14	2	8	14	9	29
15	1	3	13	12	29
16	4	3	13	15	25
17	5	4	12	10	23
18	2	1	12	11	20
19	4	1	12	9	19
20	1	1	5	10	15
21	6	0	5	0	19
22	4	3	14	8	15
23	1	3	15	8	16
24	4	4	5	8	19
25	6	12	11	7	18
26	4	3	5	5	17
27	6	6	6	6	18
28	5	7	2	8	14
29	1	0	1	11	21
30	1	2	16	9	18
31	4	.	15	8	.
Mean	3	4	7	7	20
Max.	6	37	16	23	29
Min.	0	0	0	0	7
A.F.	160	270	430	450	1180

MINNECHADUZA CREEK AT VALENTINE—Sec. 23-34-29 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19	30	31	25	21	79	68	32	101	28	23	15
2	21	31	24	11	20	89	53	52	72	31	11	6
3	15	25	33	24	26	99	63	35	121	34	23	32
4	20	19	30	14	23	100	46	47	143	35	16	5
5	18	41	18	8	28	91	40	47	123	54	14	27
6	24	25	18	6	20	98	66	33	105	53	10	11
7	15	34	34	6	34	105	32	48	67	22	6	18
8	19	38	22	20	19	88	64	39	76	33	24	21
9	19	17	24	6	26	60	36	39	98	70	15	35
10	22	40	32	10	26	81	56	30	42	38	12	6
11	21	20	18	6	22	44	52	32	76	27	8	31
12	18	30	25	6	16	58	31	36	34	28	28	20
13	20	36	25	6	40	45	38	34	33	27	16	38
14	18	33	45	6	8	48	88	41	63	17	9	15
15	44	31	28	15	28	38	38	35	44	23	6	24
16	6	27	9	23	30	37	51	35	39	16	22	5
17	18	32	26	18	34	38	37	30	40	24	12	51
18	30	42	24	6	17	62	44	32	40	11	36	22
19	18	33	17	6	28	42	50	33	38	20	10	6
20	12	35	25	26	33	32	24	18	26	20	22	5
21	30	11	35	18	28	51	55	60	13	42	18	5
22	25	33	28	21	57	44	43	39	17	29	31	15
23	12	34	27	26	26	62	42	69	58	31	22	36
24	21	25	27	13	40	66	26	82	20	35	18	5
25	32	31	20	21	41	53	25	61	18	16	6	34
26	29	35	6	23	47	75	45	48	19	20	13	5
27	17	32	28	16	63	53	21	72	19	21	6	5
28	21	34	39	24	43	77	27	49	39	21	26	30
29	25	31	20	22	71	63	73	60	21	19	5	5
30	28	23	21	25	..	72	14	191	27	20	15	15
31	24	.	25	12	..	72	..	119	..	20	16	..
Mean	21	30	25	15	29	66	45	51	56	29	16	18
Max.	44	42	45	28	63	105	88	191	143	70	36	52
Min.	6	11	6	6	8	32	14	18	13	11	6	5
A.F.	1310	1800	1560	930	1630	4030	2650	3160	3310	1760	1020	1090

Total acre-feet 24250.

BUREAU OF IRRIGATION

493

MUD CREEK NEAR SWEETWATER—Sec. 3-12-15 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	23	23	24	22	129	44	40	37	52	18	15
2	16	22	24	24	24	132	56	38	37	41	19	16
3	16	21	27	24	24	136	47	38	36	38	16	16
4	16	21	26	23	26	142	46	38	36	35	14	16
5	16	23	23	22	26	138	46	37	36	32	14	19
6	16	23	20	22	26	124	51	38	62	32	15	508
7	17	23	25	25	27	90	58	39	217	31	14	498
8	17	23	23	24	27	83	71	40	126	30	14	112
9	16	22	23	24	28	81	80	42	695	29	14	64
10	17	22	23	20	30	72	80	42	347	58	14	47
11	17	21	20	18	34	66	74	40	103	189	14	45
12	17	21	21	23	30	56	65	39	76	69	13	28
13	17	21	20	24	21	44	60	38	79	39	14	25
14	17	22	21	26	22	41	61	37	123	33	14	22
15	17	22	21	26	20	38	59	36	359	30	14	22
16	18	22	20	28	24	39	54	36	164	28	14	21
17	18	22	21	27	30	41	50	37	67	27	14	20
18	18	22	18	23	36	41	46	37	62	25	14	19
19	18	21	21	25	35	46	45	36	55	24	14	19
20	18	21	26	30	33	43	44	36	46	23	17	18
21	18	20	26	31	34	45	43	41	43	24	17	18
22	19	19	27	31	56	47	42	39	42	24	15	18
23	19	21	24	32	158	49	42	40	41	28	14	18
24	19	26	22	32	296	52	42	234	39	35	14	18
25	20	28	21	32	304	53	41	32	38	26	13	18
26	20	23	21	31	312	50	40	50	38	21	13	18
27	20	24	21	30	193	55	39	42	37	18	13	18
28	20	21	24	29	112	58	39	40	38	17	14	18
29	21	23	21	28	..	54	37	38	52	17	14	18
30	23	24	24	23	..	58	37	37	64	18	14	18
31	23	..	20	21	..	49	..	..	..	20	14	..
Mean	18	22	22	26	72	69	51	47	106	36	14	58
Max.	23	28	27	32	312	142	80	234	695	189	19	508
Min.	16	19	18	18	20	38	37	36	36	17	13	15
A.F.	1110	1320	1380	1590	3990	4270	3050	2860	6340	2210	891	3430

Total acre-feet 32440.

NEMAHA RIVER AT FALLS CITY—Sec. 22-1-16 E.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25	308	69	60	180	830	374	266	122	2120	221	126
2	23	149	65	60	160	765	343	670	27100	1090	180	97
3	21	126	58	140	170	720	312	329	11300	740	168	97
4	21	114	50	2580	180	1270	280	221	1310	547	158	149
5	21	97	86	1400	180	2720	280	191	775	410	142	705
6	98	357	80	980	190	2240	252	160	680	370	145	338
7	248	410	70	5320	210	1660	233	185	805	8540	130	2640
8	45	156	60	3820	210	1220	215	191	2450	7610	126	3820
9	41	130	80	320	190	962	203	2980	1330	5450	122	1120
10	33	120	120	220	180	760	332	2500	855	4410	126	520
11	39	90	75	220	190	896	498	1610	2370	1540	134	1080
12	34	72	110	270	3000	850	398	471	1790	845	145	7980
13	32	65	110	280	4800	366	336	280	9290	660	191	7630
14	31	55	72	260	2900	350	630	227	5360	1120	1510	2230
15	27	53	75	2000	2700	329	2240	178	1660	860	516	1290
16	25	58	23	5480	2600	266	1760	197	700	570	203	845
17	23	50	28	2380	2600	312	1630	191	406	418	147	542
18	22	43	43	1560	9500	273	745	259	502	366	128	444
19	21	1070	40	1400	13000	287	498	3060	1970	298	1240	343
20	20	1140	45	970	7100	358	390	2530	700	239	1270	294
21	19	346	63	960	4500	430	366	1930	1530	238	538	227
22	17	126	74	680	3800	1830	340	2110	3620	304	206	203
23	19	97	104	2000	4800	1720	336	2550	5630	358	140	172
24	29	86	100	5700	11000	1020	298	1890	9020	660	105	162
25	26	81	65	2100	3800	610	262	932	10100	500	94	151
26	24	74	70	1200	2600	1350	233	315	5060	300	72	145
27	28	156	70	660	2100	2320	212	1800	1690	236	55	130
28	26	104	85	440	1100	1590	194	1400	21200	227	2580	124
29	27	90	45	190	..	670	185	422	17800	256	780	118
30	2460	75	50	180	..	511	178	191	7670	322	252	118
31	1560	..	60	180	..	511	..	151	..	304	149	..
Mean	164	198	69	1154	2998	968	485	979	5160	1352	386	1128
Max.	2460	1140	120	5700	13000	2720	2240	3060	27100	8540	2580	7980
Min.	17	43	23	60	160	266	178	151	122	227	55	97
A.F.	10090	11760	4250	70950	166500	59500	28850	60210	307000	83110	23750	61702

Total acre-feet 893090.

REPORT OF THE STATE ENGINEER

NEW YORK CREEK AT HERMAN—Sec. 32-20-11 E.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	1	1	6	4	2	19	2	1	1
2	0	1	2	1	1	32	4	2	7	2	1	1
3	0	1	2	12	1	170	4	2	3	2	1	1
4	0	1	2	30	1	370	4	2	3	2	1	1
5	0	8	1	9	1	250	4	2	2	2	1	1
6	1	2	1	2	1	130	4	2	2	2	1	1
7	2	1	1	1	1	75	3	2	2	2	1	1
8	1	1	1	1	1	60	4	3	3	27	1	1
9	1	1	1	0	1	40	3	3	4	6	1	1
10	1	1	0	0	1	35	3	2	3	2	1	61
11	1	1	1	1	1	35	3	2	2	1	1	234
12	1	1	1	2	1	25	3	2	2	1	1	22
13	1	1	1	2	1	15	3	2	2	4	6	4
14	1	1	1	2	1	10	3	2	2	2	2	3
15	1	1	2	2	1	8	3	2	2	1	4	3
16	0	1	1	2	1	8	3	2	1	1	2	2
17	0	1	1	2	1	8	3	31	1	1	1	2
18	0	2	1	2	1	7	3	22	2	1	1	2
19	1	1	1	2	1	25	3	4	2	1	2	1
20	1	1	2	2	1	44	3	3	5	61	2	1
21	1	1	2	2	1	26	4	18	7	2	1	1
22	1	1	2	2	1	24	3	7	59	1	1	1
23	1	1	2	2	1	4	2	6	8	2	1	1
24	1	3	1	2	30	4	2	4	2	1	1	1
25	1	3	1	2	10	4	2	3	2	1	1	1
26	1	2	1	2	2	4	2	3	2	216	1	1
27	1	1	1	2	2	4	2	2	40	17	1	1
28	1	1	2	2	2	4	2	2	2	2	1	1
29	12	1	1	2	..	4	2	2	8	2	7	1
30	6	1	1	2	..	4	2	2	2	2	17	1
31	1	..	1	2	..	4	..	2	..	2	2	..
Mean	1	2	1	3	3	46	3	5	7	12	2	12
Max.	12	8	2	30	30	370	4	31	59	216	17	234
Min.	0	1	0	0	1	4	2	2	1	1	1	1
A.F.	71	89	76	177	154	2850	180	288	403	728	124	701

Total acre-feet 5840.

NINE MILE DRAIN NEAR MCGREW—Sec. 23-21-53 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	287	133	116	97	93	97	84	74	109	125	221	216
2	208	132	115	97	93	98	82	71	116	121	200	229
3	194	133	116	97	94	100	80	71	127	125	209	268
4	186	130	115	97	95	99	78	68	134	134	189	276
5	135	129	112	97	96	98	78	77	136	142	181	281
6	180	130	111	96	96	96	77	81	247	137	171	303
7	178	132	110	98	97	95	78	85	247	136	171	296
8	176	132	109	96	95	97	78	157	143	151	172	281
9	173	133	109	96	95	94	79	131	129	164	179	272
10	170	133	109	96	97	93	77	89	126	194	183	236
11	167	133	109	96	109	92	78	84	127	229	180	232
12	164	132	108	96	97	92	76	91	125	233	183	230
13	162	128	107	96	92	92	80	89	182	214	191	226
14	158	128	107	95	90	91	78	115	198	251	229	229
15	157	128	106	97	89	92	75	147	168	261	236	222
16	157	127	102	96	98	91	74	124	166	255	217	218
17	154	130	102	96	116	90	74	90	180	267	216	214
18	153	125	101	95	105	90	74	97	171	205	214	208
19	149	125	99	93	96	90	76	122	171	191	223	202
20	146	124	100	92	93	90	75	140	166	188	201	203
21	144	122	100	91	104	89	74	135	158	193	221	193
22	143	120	101	89	109	89	75	120	147	194	198	191
23	142	121	101	89	105	91	74	123	146	172	192	197
24	141	122	101	89	101	93	74	135	147	168	188	198
25	139	122	99	89	102	91	73	122	141	166	189	197
26	138	117	99	90	101	89	73	114	119	168	189	189
27	138	114	100	93	98	87	73	108	119	172	190	186
28	140	114	98	95	97	88	72	103	113	175	202	192
29	165	114	95	99	..	87	71	102	111	188	208	210
30	145	114	95	99	..	86	78	101	118	286	203	223
31	139	97	96	..	..	84	..	109	..	236	203	..
Mean	163	126	105	95	98	92	76	106	150	188	198	227
Max.	287	133	116	99	116	100	84	157	247	286	236	303
Min.	138	114	95	89	89	84	71	68	109	121	171	186
A.F.	10030	7490	6450	5820	5460	5650	4540	6500	8900	11590	12200	13520

Total acre-feet 98150.

BUREAU OF IRRIGATION

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NIOBRARA RIVER ABOVE BOX BUTTE RESERVOIR—Sec. 27-29-50 W. Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	41	53	10	10	84	83	58	36	20	31	16
2	17	39	44	10	10	98	81	56	34	20	34	15
3	18	37	55	10	10	113	79	50	33	20	36	14
4	17	34	57	10	10	109	77	44	38	20	39	15
5	17	33	53	10	10	111	77	43	38	19	39	15
6	16	32	49	10	10	118	75	45	49	20	33	13
7	14	30	49	10	10	128	73	47	56	19	34	13
8	14	34	51	10	10	149	72	51	51	32	40	13
9	14	36	48	10	10	127	74	50	49	26	38	14
10	14	41	50	10	10	110	73	47	39	23	34	19
11	15	41	47	10	10	99	74	43	40	22	30	20
12	15	44	51	10	10	116	70	40	34	22	29	22
13	15	49	55	10	10	98	71	36	41	30	28	21
14	15	54	54	10	10	76	71	52	41	30	28	23
15	15	55	49	10	10	97	69	35	38	29	27	23
16	14	54	54	10	18	87	68	35	37	22	27	22
17	19	55	44	10	19	79	73	36	35	23	27	22
18	19	58	42	10	19	85	58	34	42	23	24	18
19	19	45	59	10	20	96	56	33	45	21	28	18
20	18	46	47	10	24	94	55	31	43	20	22	18
21	18	37	50	10	20	92	52	31	41	20	18	18
22	18	45	46	10	24	91	50	34	38	20	18	18
23	21	53	47	10	55	93	49	41	36	19	17	18
24	23	54	49	10	75	96	49	40	34	19	27	17
25	28	57	49	10	66	98	47	37	29	18	25	17
26	25	49	45	10	81	94	45	34	25	17	19	17
27	26	50	40	10	81	92	44	32	24	18	10	18
28	26	56	30	10	83	91	43	32	24	18	12	18
29	34	51	35	10	..	87	42	32	26	28	12	18
30	32	45	35	10	..	85	52	33	23	29	14	18
31	45	..	37	10	..	83	..	36	..	31	16	..
Mean	20	45	48	10	26	99	63	40	37	22	26	18
Max.	45	58	59	10	83	149	83	58	56	32	40	23
Min.	14	30	30	10	10	76	42	31	23	17	10	13
A.F.	1230	2690	2920	615	1460	6100	3770	2480	2220	1380	1620	1050

Total acre-feet 27540.

NIOBRARA RIVER BELOW BOX BUTTE RESERVOIR—Sec. 28-29-49 W. Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	1	0	0	4	39	41	18	136	183	112
2	1	1	1	0	0	6	39	36	17	153	187	104
3	1	1	1	0	0	2	22	30	15	153	191	89
4	1	1	1	0	0	3	1	30	15	152	197	79
5	1	1	1	0	0	2	16	31	17	136	201	58
6	0	1	1	0	0	2	37	35	33	100	209	51
7	1	1	0	0	0	3	37	40	46	110	212	32
8	1	1	0	0	0	2	37	45	46	110	212	22
9	1	1	0	0	0	2	38	44	43	109	224	21
10	1	1	1	0	0	45	38	38	41	109	224	22
11	1	1	1	0	1	112	22	36	36	109	224	22
12	1	1	1	0	1	83	2	35	31	114	224	22
13	1	1	1	0	1	40	2	32	32	117	222	15
14	1	1	0	0	1	40	2	31	38	117	226	9
15	1	1	0	1	0	39	2	29	33	104	216	9
16	1	1	1	1	0	53	4	33	29	89	187	7
17	1	1	1	1	1	63	2	36	25	89	158	4
18	1	1	1	1	1	49	2	33	22	87	142	4
19	1	1	1	1	1	39	2	27	30	93	120	5
20	1	0	1	0	1	39	5	30	32	115	102	5
21	1	0	1	0	1	40	4	37	32	136	102	7
22	1	0	0	0	1	40	7	36	31	143	102	7
23	1	0	0	0	1	40	7	34	27	157	108	7
24	1	1	0	0	2	40	11	36	38	162	112	6
25	1	1	0	0	5	42	12	29	58	176	122	6
26	1	1	0	0	4	42	17	25	50	179	138	6
27	1	1	0	0	4	42	17	22	45	181	135	4
28	1	1	0	0	3	43	19	20	66	179	144	4
29	1	1	0	0	..	44	20	20	89	179	149	4
30	1	1	0	0	..	42	41	20	114	183	144	4
31	1	0	0	0	..	40	..	20	..	185	135	..
Mean	1	1	1	0	1	35	17	32	38	134	169	25
Max.	1	1	1	0	5	112	41	45	114	185	226	112
Min.	0	0	0	0	0	2	1	20	15	87	102	4
A.F.	44	45	33	31	60	2150	1000	1970	2280	8270	10420	1480

Total acre-feet 27780.

REPORT OF THE STATE ENGINEER

 NIOBRARA RIVER NEAR GORDON—Sec. 26-31-42 W.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	88	85	138	120	110	961	243	157	128	88	91	91
2	88	96	153	120	120	788	248	128	121	91	88	91
3	99	91	168	120	120	670	253	153	121	82	88	85
4	108	99	128	120	110	670	258	149	118	85	85	85
5	108	68	131	140	120	578	278	161	125	88	91	82
6	108	80	138	130	120	479	224	145	145	114	82	99
7	105	118	158	120	120	416	224	164	157	96	75	102
8	102	99	172	120	130	371	206	145	149	91	72	96
9	99	85	145	120	140	300	215	149	168	88	77	99
10	96	96	153	120	150	273	197	157	161	82	91	99
11	96	96	176	120	160	263	206	180	176	85	88	102
12	105	91	164	120	160	312	206	197	180	88	88	105
13	118	99	149	120	140	268	153	180	180	99	99	102
14	121	111	161	110	140	253	161	188	168	85	94	94
15	121	125	145	100	160	206	153	206	164	80	99	85
16	121	108	135	100	170	248	164	206	149	88	105	82
17	121	157	145	100	190	248	145	238	138	85	94	77
18	111	153	135	90	200	233	153	210	135	91	99	82
19	111	121	111	80	190	224	149	202	125	88	105	82
20	105	118	125	90	190	233	149	114	118	82	105	82
21	102	114	108	90	190	233	145	108	108	80	99	80
22	102	111	121	90	220	253	125	142	99	77	91	77
23	102	145	121	80	240	253	121	161	105	75	72	77
24	105	138	135	80	250	263	121	142	111	70	75	75
25	108	164	128	90	280	263	121	149	102	70	77	75
26	108	172	120	90	1100	284	128	138	96	75	72	75
27	105	142	110	90	1600	268	131	164	94	75	72	72
82	105	135	110	90	1240	268	138	149	88	72	80	75
29	125	131	120	90	...	295	135	149	77	85	91	75
30	135	128	120	90	...	253	153	131	80	94	94	72
31	102	...	120	100	...	268	...	135	...	94	91	...
Mean	107	116	136	105	288	351	177	161	130	85	88	86
Max.	135	172	176	140	1600	961	278	238	180	114	105	105
Min.	88	68	108	80	110	206	121	108	77	70	72	72
A.F.	6600	6910	8380	6430	15990	21610	10520	9910	7710	5240	5410	5110

Total acre-feet 109820.

 NIOBRARA RIVER NEAR GORDY—Sec. 23-33-34 W.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	263	345	324	288	280	1540	452	392	345	234	258	243
2	258	324	329	308	280	1150	442	382	329	229	248	238
3	263	308	345	200	280	1080	436	376	324	229	243	238
4	258	329	361	240	280	1130	420	366	319	234	238	248
5	268	366	329	260	280	1250	414	382	319	278	234	258
6	278	350	308	300	280	1000	371	298	329	361	234	283
7	263	345	268	320	280	868	350	430	442	278	234	278
8	258	340	288	330	280	752	387	403	532	308	219	288
9	263	334	288	310	280	657	425	398	436	303	224	278
10	273	334	288	290	280	566	436	387	382	263	224	278
11	273	334	308	250	270	514	425	382	366	253	229	268
12	278	329	340	250	270	520	398	382	387	248	243	293
13	278	329	361	270	270	572	420	414	382	248	253	273
14	278	324	345	320	270	520	436	447	382	253	273	258
15	293	324	319	300	270	407	430	382	355	263	263	263
16	278	324	303	290	320	442	408	425	355	248	288	258
17	278	324	283	290	320	480	387	403	345	234	263	243
18	278	329	293	290	320	464	376	403	324	229	278	234
19	283	319	298	290	320	508	361	398	314	234	273	229
20	293	303	298	290	320	520	350	392	298	293	283	229
21	288	298	319	280	400	520	345	436	308	253	268	234
22	283	324	303	280	420	508	361	425	288	234	263	238
23	283	345	314	280	450	537	350	620	268	219	243	243
24	283	350	248	280	503	584	340	614	268	210	234	243
25	283	361	214	280	497	566	350	520	273	210	224	243
26	288	371	200	280	800	531	340	458	268	214	219	248
27	293	350	187	280	1700	531	350	403	258	214	219	248
28	298	319	200	280	1870	526	340	392	253	214	214	243
29	366	324	200	280	...	503	361	366	258	229	229	248
30	350	298	253	280	...	492	366	360	243	229	238	263
31	361	...	278	280	...	464	...	350	...	273	248	...
Mean	285	332	290	283	444	668	388	416	332	249	245	254
Max.	366	371	361	330	1870	1540	452	620	532	361	288	293
Min.	258	298	187	200	270	407	340	350	243	210	214	229
A.F.	17520	19740	17840	17390	24630	41060	23060	25560	19740	15310	15080	15130

Total acre-feet 252060.

BUREAU OF IRRIGATION

NIOBRARA RIVER NEAR SPARKS—Sec. 22-34-26 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	740	958	782	700	800	2600	1120	1090	1110	700	710	650
2	771	837	771	700	800	2600	1150	992	1020	771	690	630
3	740	859	804	600	800	2320	1150	947	859	750	660	710
4	750	859	815	400	800	2270	1110	953	914	826	660	710
5	740	936	740	300	800	2510	1120	992	881	793	620	710
6	815	903	640	500	800	2000	1110	1030	848	859	650	730
7	760	859	720	600	800	1740	1030	980	892	848	650	730
8	750	870	782	650	800	1570	1020	1030	1040	782	620	760
9	730	870	700	700	800	1430	1120	969	1110	848	610	710
10	760	881	720	750	800	1330	1140	947	914	750	690	730
11	760	859	859	800	800	1210	1020	903	925	760	630	771
12	760	859	958	750	800	1170	1000	958	848	710	650	826
13	750	859	958	700	800	1200	1020	903	881	760	700	804
14	760	826	936	650	800	1230	1100	1150	892	740	700	720
15	782	848	903	650	800	1040	1020	992	859	700	680	710
16	782	826	804	650	800	1060	992	1000	826	720	700	690
17	760	826	750	600	800	1120	925	1080	782	690	710	720
18	760	848	892	600	800	1120	903	1040	815	660	760	720
19	760	804	837	600	800	1120	903	958	815	670	760	670
20	771	815	936	600	800	1150	870	958	760	804	782	660
21	793	815	936	600	800	1140	881	1080	760	804	760	690
22	804	826	936	600	800	1160	881	1090	771	670	690	700
23	793	826	914	600	800	1200	892	1120	815	700	690	680
24	782	815	793	600	800	1320	870	1330	730	690	650	700
25	804	837	670	600	800	1300	881	1170	760	620	620	710
26	826	826	740	600	800	1270	892	1090	771	680	700	670
27	826	826	650	600	800	1230	881	958	771	680	650	710
28	815	771	600	600	800	1260	892	947	740	640	650	720
29	903	782	600	600	...	1240	848	1090	793	750	660	690
30	969	782	600	600	...	1270	1110	1880	804	680	640	710
31	892	...	650	600	...	1220	...	1180	...	690	650	...
Mean	787	844	787	616	800	1464	995	1053	857	734	677	711
Max.	969	958	958	800	800	2600	1150	1880	1110	859	782	826
Min.	730	771	600	300	800	1040	848	903	730	620	610	630
A.F.	48410	50200	48390	37880	44430	90030	59210	65080	50990	45130	41640	42330

Total acre-feet 623720.

NIOBRARA RIVER NEAR SPENCER—Sec. 30-33-11 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	983	1480	1190	735	1020	2120	1900	1730	2190	919	754	903
2	1020	1210	1250	906	1270	2320	2070	1650	2220	871	754	840
3	935	1500	1360	838	1030	3270	2080	1360	1930	797	840	855
4	935	1270	1500	785	999	5830	2340	1300	1620	782	739	1190
5	935	1300	1210	532	1120	6350	2640	1420	1620	768	697	1380
6	1210	1270	812	484	1120	4970	3130	1760	1600	768	671	1100
7	1270	1250	645	606	1050	7290	3480	1580	1420	1030	645	1140
8	1190	1250	684	612	1070	8410	2640	1790	1580	1930	632	1070
9	1070	1080	606	599	1080	5390	2640	2150	1650	1650	768	1080
10	1050	1360	632	602	1120	4160	3490	1730	2060	1100	967	1120
11	1190	1220	619	639	1050	3060	2980	1600	1760	1160	903	1380
12	1190	1220	724	746	1230	1960	2530	1360	1450	1050	826	1320
13	1210	1160	840	843	1250	2120	2250	1300	1760	1070	999	1420
14	1270	1250	1030	1100	1210	1900	2640	1380	1550	967	903	1210
15	1140	1250	1120	1290	1030	1930	2360	1320	1550	951	1030	1100
16	1190	1250	1160	1330	919	1710	2190	1550	1340	871	1080	967
17	1190	1230	1080	1280	1070	1400	1930	1680	1140	754	919	1020
18	1120	967	871	1210	967	1850	1710	2030	1170	768	1080	967
19	1050	210	812	1160	1210	2420	1710	1790	1050	768	935	967
20	1070	445	697	1110	1160	3490	1520	1520	1080	871	1620	967
21	967	983	919	1030	967	4310	1520	1900	1050	1070	999	919
22	1580	1620	1060	982	951	3150	1420	2280	983	1050	1050	919
23	1080	2030	1080	1020	1100	2900	1360	2250	935	855	855	935
24	1100	1880	1030	1270	1190	2750	1270	2120	1030	658	840	951
25	1070	1650	967	1140	1730	2980	1270	2030	1120	671	797	919
26	1080	1600	903	1020	1520	3540	1270	2030	840	645	826	935
27	1120	1400	812	983	1710	4310	1270	1930	1050	739	903	983
28	1100	1210	647	1210	1710	3400	1360	1850	983	671	951	999
29	1140	1160	526	1360	...	2530	1190	1550	983	768	1030	983
30	1250	1340	481	1270	...	2460	1320	1400	855	1030	1020	999
31	1270	...	590	797	...	1520	...	3270	...	840	983	...
Mean	1128	1262	898	953	1173	3413	2049	1762	1386	930	904	1051
Max.	1580	2030	1500	1360	1730	8410	3490	3270	2220	1930	1620	1420
Min.	935	210	481	484	919	1400	1190	1300	840	645	632	840
A.F.	69370	75060	55230	58570	65160	209900	121900	108300	82450	57210	55570	62550

Total acre-feet 1021270.

REPORT OF THE STATE ENGINEER

 OMAHA CREEK AT HOMER—Sec. 12-27-8 E.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	4	2	3	4	60	22	418	138	120	8
2	0	1	4	2	2	4	55	21	476	136	31	8
3	1	1	4	3	2	50	50	19	45	18	16	23
4	0	1	4	4	2	50	40	19	28	17	14	17
5	1	6	6	4	2	50	35	21	23	17	12	13
6	2	5	10	4	2	50	35	25	20	800	11	10
7	8	3	6	5	2	50	30	20	16	400	11	9
8	5	1	4	5	3	50	31	22	14	50	10	8
9	2	1	4	4	3	50	30	23	16	25	10	9
10	1	1	2	4	3	50	30	19	15	20	10	120
11	1	1	3	4	3	50	30	17	14	16	10	20
12	1	2	4	4	3	50	30	61	90	15	10	10
13	1	3	4	4	3	50	29	19	229	18	71	10
14	1	2	4	4	3	50	34	16	23	195	47	10
15	1	2	4	5	3	50	46	15	10	22	15	9
16	1	3	4	4	3	50	49	18	7	17	10	9
17	1	3	3	4	4	50	43	28	5	16	8	9
18	2	4	4	3	4	50	34	185	9	16	37	8
19	2	4	4	2	4	50	31	18	11	15	309	7
20	3	4	5	2	4	450	29	16	10	92	78	8
21	2	2	5	2	3	450	31	216	16	19	27	7
22	3	3	4	2	3	130	35	157	7	17	20	6
23	3	4	4	2	4	80	29	52	5	16	13	7
24	3	3	5	3	4	110	25	39	59	15	13	6
25	3	2	4	2	4	120	25	34	44	15	10	7
26	3	4	4	3	4	80	25	31	16	75	8	8
27	2	3	4	3	4	100	22	31	16	1070	8	8
28	3	2	4	3	4	70	21	28	15	83	8	8
29	7	2	2	3	..	60	20	26	14	34	8	7
30	28	2	2	3	..	80	20	26	14	28	8	7
31	7	..	2	3	..	90	..	26	..	38	8	..
Mean	3	3	4	4	3	86	34	41	56	111	31	13
Max.	28	6	10	5	4	450	60	216	476	1070	309	120
Min.	0	1	2	2	2	4	20	15	5	15	8	6
A.F.	187	155	252	213	170	5310	1990	2520	3340	6850	1920	782

Total acre-feet 23690.

 PLUM CREEK NEAR SMITHFIELD—Sec. 15-8-21 W.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	30	0	0	0	0	1	1
2	0	0	0	0	0	25	0	0	0	4	0	1
3	0	0	0	0	0	10	0	0	0	2	0	0
4	0	0	0	0	0	8	2	0	0	0	0	28
5	0	0	0	0	0	6	1	0	0	0	0	2
6	0	0	0	0	0	4	2	0	195	0	0	5
7	0	0	0	0	0	3	2	0	219	0	0	0
8	0	0	0	0	0	2	1	0	3	0	0	0
9	0	0	0	0	0	1	4	4	39	0	0	0
10	0	0	0	0	0	0	1	1	107	0	0	4
11	0	0	0	0	0	0	2	0	8	7	0	0
12	0	0	0	0	0	0	1	0	9	4	0	19
13	0	0	0	0	0	0	0	0	1	1	25	13
14	0	0	0	0	0	0	1	0	1	1	1	2
15	0	0	0	0	0	0	0	0	1	1	0	1
16	0	0	0	0	0	0	0	0	0	1	0	0
17	0	0	0	0	0	0	0	5	0	0	18	0
18	0	0	0	0	0	0	0	10	10	0	2	0
19	0	0	0	0	0	0	0	1	49	0	63	0
20	0	0	0	0	0	0	0	0	42	0	49	0
21	0	0	0	0	0	1	0	9	6	0	18	0
22	0	0	0	0	0	1	0	121	3	0	9	0
23	0	0	0	0	15	1	0	18	1	34	6	0
24	0	0	0	0	80	0	0	8	1	37	3	0
25	0	0	0	0	150	0	0	3	0	30	1	0
26	0	0	0	0	160	0	0	2	0	6	1	0
27	0	0	0	0	70	1	0	0	0	4	0	0
28	0	0	0	0	40	1	0	0	0	2	24	0
29	0	0	0	0	..	0	0	0	8	1	16	0
30	0	0	0	0	..	0	0	0	1	1	6	0
31	0	0	0	0	..	0	0	0	..	1	3	..
Mean	0	0	0	0	18	3	1	6	24	4	8	3
Max.	0	0	0	0	160	30	4	121	219	37	63	28
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	1020	189	42	367	1400	276	490	155

Total acre-feet 3940.

BUREAU OF IRRIGATION

499

PLUM CREEK NEAR MEADVILLE—Sec. 11-32-22 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	81	83	81	75	85	91	89	90	117	83	75	78
2	81	82	81	75	85	95	104	88	127	85	72	78
3	81	81	85	40	85	97	117	86	132	83	75	79
4	80	81	85	25	85	104	172	88	172	80	75	81
5	80	81	81	60	85	146	363	100	221	77	74	83
6	83	80	77	75	85	140	420	100	506	75	75	81
7	83	80	78	80	85	120	309	102	282	75	72	86
8	81	78	78	80	85	110	230	110	169	81	72	80
9	81	78	74	80	85	104	193	106	199	81	80	78
10	81	80	74	80	85	100	200	102	193	80	95	81
11	81	80	83	80	85	100	210	102	187	77	83	95
12	80	80	78	80	85	97	218	99	178	77	77	104
13	80	80	77	80	85	97	193	97	175	81	78	78
14	80	80	80	80	85	95	178	99	154	77	75	77
15	80	80	77	80	85	86	175	97	132	78	74	74
16	80	78	77	80	85	93	187	95	120	78	77	74
17	80	78	78	80	85	91	181	93	110	75	78	74
18	80	78	81	80	85	88	163	95	100	75	93	72
19	80	77	91	80	85	88	137	95	98	72	108	71
20	80	78	80	80	85	93	129	93	96	85	89	74
21	80	77	78	80	85	106	120	108	95	80	80	69
22	80	80	78	80	110	110	106	112	95	77	72	74
23	80	81	78	80	105	108	102	117	93	74	75	72
24	80	81	78	80	100	110	95	122	97	74	72	74
25	80	81	75	80	95	112	95	129	93	72	75	74
26	81	81	75	80	97	124	93	129	91	74	78	71
27	81	80	75	80	97	300	89	122	93	77	77	74
28	81	80	75	80	93	306	89	115	91	74	78	71
29	88	81	75	80	..	299	88	108	88	83	78	72
30	86	81	75	80	..	224	91	106	78	85	80	72
31	84	..	75	80	..	106	..	108	..	81	75	..
Mean	81	80	78	76	89	127	165	104	146	78	79	77
Max.	88	83	81	80	110	306	420	129	506	85	108	104
Min.	80	77	74	25	85	86	88	86	78	72	72	69
A.F.	4990	4750	4830	4660	4920	7810	9790	6370	8690	4810	4830	4600

Total acre-feet 71050.

PONCA CREEK AT ANOKA—Sec. 9-39-13 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	42	38	16	2	0	0
2	52	36	18	2	0	0
3	87	30	28	2	0	0
4	102	28	54	1	0	6
5	198	49	29	1	0	2
6	512	52	19	1	0	2
7	670	36	15	1	0	1
8	424	35	14	3	0	1
9	440	32	16	2	0	1
10	324	29	14	1	0	4
11	235	25	13	2	1	56
12	196	23	15	3	0	2
13	149	21	44	3	11	2
14	142	23	23	1	1	0
15	153	24	14	1	16	0
16	139	23	10	1	4	0
17	102	24	9	1	1	0
18	79	25	7	0	3	0
19	70	21	7	0	4	0
20	61	19	6	2	2	0
21	54	25	6	3	1	0
22	49	29	5	1	0	0
23	42	32	4	0	0	0
24	40	27	4	0	0	0
25	38	24	4	0	0	0
26	36	19	4	1	0	0
27	34	21	6	0	0	0
28	30	45	3	0	0	0
29	29	27	4	1	0	0
30	90	29	19	3	1	0	0
31	25	16	..	..	0	0	..
Mean	152	28	14	1	2	3
Max.	670	52	54	3	16	56
Min.	29	15	3	0	0	0
A.F.	228	9040	1740	820	74	94	157

Total acre-feet 12150.

REPORT OF THE STATE ENGINEER

PRAIRIE DOG CREEK NEAR WOODRUFF, KANSAS—Sec. 33-1-18 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0	4	2	1	110	26	16	50	45	25	18
2	1	0	4	3	1	83	36	14	121	40	21	18
3	0	3	4	3	1	70	31	22	228	35	18	13
4	0	2	4	3	1	66	24	19	109	35	17	24
5	0	4	4	2	1	98	24	14	101	40	17	19
6	0	3	4	3	1	218	22	124	80	45	14	17
7	0	4	4	3	1	106	20	580	1290	40	14	17
8	0	3	4	3	1	62	21	1260	1420	50	14	17
9	0	2	4	3	1	49	20	1700	623	129	13	16
10	0	1	3	3	2	35	20	781	732	109	13	16
11	0	1	3	3	2	30	20	124	1110	119	15	87
12	0	3	4	3	2	25	20	50	298	91	14	48
13	0	3	4	3	2	30	20	40	1620	105	30	20
14	0	2	4	3	2	32	64	35	1360	63	320	18
15	0	3	5	3	2	25	22	30	1100	124	124	15
16	0	3	5	3	2	20	20	35	382	224	722	15
17	0	3	5	3	2	13	19	70	216	76	240	14
18	0	2	4	2	3	16	17	158	557	46	217	14
19	0	3	4	2	15	19	16	916	1680	40	463	13
20	0	4	4	2	45	21	17	1650	968	36	234	12
21	0	4	4	2	200	32	18	1780	169	39	137	12
22	0	4	4	2	130	29	19	1810	115	46	130	11
23	0	3	5	2	170	24	20	800	103	36	69	11
24	0	4	5	1	376	23	18	462	96	30	49	10
25	0	4	5	1	440	21	15	192	75	26	34	10
26	0	3	5	1	250	22	13	125	65	23	28	10
27	0	3	4	1	200	22	13	30	60	27	26	10
28	0	4	4	1	140	22	13	65	55	383	23	10
29	0	4	3	1	...	23	14	55	52	127	20	10
30	0	4	3	1	...	28	15	50	50	44	18	9
31	0	2	2	1	...	29	...	48	...	29	18	...
Mean	0	3	4	2	71	45	21	422	496	74	100	18
Max.	1	4	5	3	440	218	64	1810	1680	383	722	87
Min.	0	0	2	1	1	13	13	14	50	23	13	9
A.F.	2	173	248	137	3940	2780	1260	25950	29520	4570	6140	1070

Total acre-feet 75790.

PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-19-50 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	31	39	34	24	64	56	49	45	30	13	47
2	23	31	39	34	23	60	56	46	46	28	10	49
3	23	33	38	32	22	66	56	45	45	26	11	43
4	23	39	36	32	22	65	55	42	44	24	12	20
5	21	41	35	32	21	62	54	40	43	23	12	20
6	21	40	30	32	20	58	53	42	41	23	12	20
7	22	40	33	32	20	54	52	43	49	21	12	20
8	22	40	35	32	20	55	49	49	46	9	15	18
9	22	41	36	32	20	56	50	48	45	9	19	21
10	23	41	33	32	20	56	52	44	45	11	26	22
11	24	40	36	32	22	56	51	42	42	16	30	22
12	24	40	37	32	22	57	51	39	40	16	32	21
13	23	42	38	32	29	56	49	37	39	16	14	22
14	22	40	38	31	24	57	49	44	48	16	22	22
15	23	38	38	20	26	56	49	48	42	19	36	25
16	24	32	37	20	27	54	49	47	42	19	19	33
17	25	34	35	20	30	53	49	47	49	18	20	33
18	25	37	36	20	30	54	49	46	49	16	26	32
19	26	33	38	20	28	54	50	44	56	10	20	30
20	28	32	37	20	28	55	51	47	54	11	23	30
21	28	38	39	20	28	54	52	47	52	14	26	30
22	27	41	36	20	31	52	51	49	49	14	29	30
23	26	43	36	20	36	52	49	49	40	16	34	30
24	32	43	37	15	43	56	49	53	38	18	32	30
25	32	43	33	17	51	58	48	54	37	19	31	29
26	26	42	35	17	58	62	46	51	37	19	28	29
27	24	40	36	17	58	62	46	48	36	18	24	28
28	25	34	38	17	58	62	45	47	35	11	23	24
29	30	37	42	17	...	63	44	46	33	14	22	21
30	32	39	34	17	...	60	49	46	32	13	33	22
31	32	33	33	26	...	57	...	46	...	13	50	...
Mean	25	38	36	25	30	58	50	46	43	17	23	27
Max.	32	43	42	34	58	66	56	54	56	30	50	49
Min.	21	31	30	15	20	52	44	37	32	9	10	18
A.F.	1550	2270	2230	1540	1660	3540	2990	2830	2580	1050	1420	1630

Total acre-feet 25290.

BUREAU OF IRRIGATION

501

RED WILLOW CREEK NEAR BAYARD—Sec. 7-20-51 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	208	105	96	80	76	75	61	54	51	60	143	159
2	173	108	94	80	75	77	61	52	46	52	153	166
3	159	114	95	80	75	78	61	52	41	51	154	171
4	148	112	95	80	75	76	61	57	54	52	129	176
5	138	110	91	80	74	72	60	70	58	59	121	183
6	132	112	95	80	73	70	60	75	565	78	109	212
7	127	115	94	80	72	70	60	74	422	77	94	208
8	126	115	96	80	71	70	60	90	280	77	77	195
9	124	116	91	80	71	69	60	82	91	69	82	192
10	124	120	91	80	71	69	59	72	94	90	88	188
11	124	114	94	80	78	70	58	70	80	121	87	197
12	126	98	95	80	76	71	57	67	90	90	92	203
13	127	98	88	80	70	71	57	77	182	86	105	241
14	127	98	87	80	66	68	57	122	173	101	138	243
15	116	101	86	80	62	68	57	116	148	122	158	237
16	110	96	55	80	74	68	56	76	75	124	143	228
17	109	105	87	80	99	68	55	72	94	163	156	183
18	114	108	87	80	90	68	54	75	87	135	161	164
19	115	106	86	80	80	68	55	135	138	116	148	170
20	118	104	83	80	75	68	56	112	142	88	145	224
21	109	102	85	80	80	67	55	137	132	87	140	221
22	108	100	86	80	87	67	55	142	70	81	134	185
23	105	100	87	80	85	69	55	153	132	75	127	171
24	102	100	87	80	82	76	55	183	99	77	120	182
25	99	100	87	80	82	76	54	161	96	66	110	176
26	95	100	88	77	76	75	49	143	75	76	121	171
27	92	99	90	77	70	69	50	142	76	80	124	185
28	91	98	85	77	75	67	48	112	71	77	132	197
29	146	98	85	76	..	66	48	108	74	126	137	197
30	108	98	85	76	..	63	55	76	68	127	140	232
31	103	..	85	76	..	61	..	56	..	132	158	..
Mean	123	105	89	79	76	70	56	97	127	91	127	195
Max.	208	120	86	80	99	78	61	183	565	163	161	243
Min.	91	96	83	76	62	61	48	52	41	51	77	159
A.F.	7540	6250	5490	4880	4240	4300	3350	5980	7550	5580	7790	11620

Total acre-feet 74570.

RED WILLOW CREEK NEAR RED WILLOW—Sec. 17-3-28 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	26	25	20	25	86	75	36	38	50	22	18
2	16	28	25	20	25	37	51	36	34	45	21	20
3	17	26	20	15	30	27	54	35	32	40	21	21
4	16	27	20	10	25	30	49	34	34	37	21	21
5	16	28	20	20	25	32	54	36	34	36	20	22
6	16	27	20	20	30	32	76	38	164	136	19	22
7	15	28	20	15	30	36	90	38	179	51	18	24
8	15	30	20	15	30	39	95	60	53	117	18	25
9	15	30	20	20	30	42	100	78	68	70	19	26
10	17	29	20	20	30	40	105	75	67	36	21	26
11	18	31	25	20	35	40	103	70	62	32	16	25
12	20	30	25	25	35	39	90	65	69	31	14	24
13	19	30	25	20	20	40	80	66	594	29	14	23
14	19	30	25	25	30	40	69	60	86	38	14	23
15	20	30	25	25	30	40	62	56	66	34	14	23
16	20	29	25	25	30	40	56	52	57	32	19	23
17	20	28	25	25	40	37	52	49	62	30	219	22
18	20	31	25	30	40	35	50	46	154	28	145	18
19	21	30	25	20	40	36	48	50	81	26	46	18
20	22	25	25	25	40	36	46	59	60	24	32	18
21	22	25	25	30	50	40	44	63	58	23	28	18
22	22	25	20	30	60	40	43	57	50	22	25	18
23	22	25	20	30	100	43	42	54	38	22	23	18
24	22	25	20	30	130	50	41	52	35	21	21	18
25	23	25	20	25	110	55	40	50	34	20	20	18
26	23	25	20	25	100	60	40	48	32	23	19	14
27	20	25	20	25	100	65	40	47	31	21	19	14
28	23	25	20	25	100	69	40	38	45	30	19	25
29	25	25	15	25	..	67	38	43	46	20	26	17
30	24	25	15	25	..	65	37	42	55	21	28	18
31	24	20	20	25	..	65	..	42	..	21	22	..
Mean	20	27	22	22	49	45	61	51	82	37	32	20
Max.	25	31	25	30	130	86	105	78	594	136	219	26
Min.	15	25	15	10	20	27	37	34	31	19	14	14
A.F.	1210	1630	1340	1410	2720	2780	3650	3140	4870	2290	1950	1210

Total acre-feet 28200.

REPORT OF THE STATE ENGINEER

REPUBLICAN RIVER, SOUTH FORK, AT COLORADO-KANSAS LINE

Sec. 27-4S-42 W.

Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	39	65	30	30	48	101	55	122	47	1	170
2	14	43	60	25	30	59	94	50	106	37	2	95
3	14	47	65	20	30	70	87	48	92	33	8	75
4	12	47	55	25	30	72	87	48	115	26	8	70
5	12	50	45	25	35	61	110	50	127	22	3	66
6	16	51	50	30	50	61	117	70	99	24	0	61
7	17	39	50	30	55	59	110	103	99	37	0	55
8	19	40	50	30	60	68	110	150	140	24	0	55
9	20	45	50	30	70	76	100	106	238	26	0	57
10	24	45	50	30	65	68	100	90	115	26	0	55
11	30	50	50	30	65	57	95	79	87	32	0	47
12	34	50	50	30	60	55	93	79	72	64	0	45
13	31	50	65	30	40	55	79	83	76	27	0	43
14	33	55	55	30	35	50	68	137	90	34	0	43
15	34	55	70	30	50	50	61	101	83	44	157	40
16	39	50	65	30	65	55	48	87	74	24	168	39
17	33	53	65	30	95	55	55	83	68	19	768	39
18	27	45	55	30	100	64	61	83	68	14	478	34
19	34	40	70	30	90	70	59	90	70	14	62	37
20	31	40	150	30	75	66	59	81	61	14	47	37
21	33	55	55	30	75	66	59	81	64	12	57	37
22	37	55	50	30	100	62	57	70	57	12	41	40
23	47	55	40	30	110	57	50	66	48	14	33	34
24	45	55	35	30	74	57	51	64	45	7	36	37
25	39	55	45	30	66	61	55	74	42	4	47	36
26	40	55	40	30	72	90	50	62	39	7	63	31
27	40	45	30	30	62	87	53	59	48	5	80	34
28	45	55	20	30	61	74	57	74	56	2	114	33
29	55	55	25	30	..	76	61	86	40	3	124	34
30	50	55	30	25	..	75	62	494	37	3	91	37
31	43	..	30	25	..	90	..	172	..	2	1150	..
Mean	31	49	53	29	62	65	75	95	83	21	114	50
Max.	55	55	150	30	110	90	117	494	238	64	1150	170
Min.	12	39	20	20	30	48	48	48	37	2	0	31
A.F. 1900	2920	3240	1780	3470	3990	4460	5860	4920	1310	7020	3010	..

Total acre-feet 43880.

REPUBLICAN RIVER, NORTH FORK, AT COLORADO-NEBRASKA LINE

Sec. 10-1-42 W.

Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	27	37	66	45	60	70	100	62	70	66	13	97
2	25	41	64	45	60	70	105	57	68	66	12	62
3	37	45	66	20	65	76	107	61	65	62	13	56
4	30	48	68	15	65	75	103	57	73	60	10	49
5	30	50	65	20	65	72	114	61	79	41	9	51
6	29	59	62	35	65	72	110	70	76	31	7	55
7	27	59	60	65	70	72	103	86	103	27	7	57
8	25	56	60	65	70	76	103	110	96	38	7	60
9	36	57	64	60	65	76	101	96	86	40	7	61
10	28	56	66	60	70	76	103	82	82	36	6	60
11	31	65	66	60	75	76	103	85	77	30	7	59
12	31	64	65	60	75	80	96	82	78	47	10	59
13	32	62	69	60	75	80	89	85	82	38	30	51
14	32	66	69	60	75	77	82	94	93	33	7	45
15	30	64	68	65	75	73	77	80	79	68	27	42
16	33	65	68	60	85	76	82	79	73	55	230	40
17	34	65	66	55	75	76	83	83	73	33	53	40
18	35	65	64	60	68	73	77	79	178	33	186	44
19	36	65	68	55	75	75	73	72	89	24	96	44
20	37	65	66	55	75	77	77	77	79	36	37	43
21	36	65	68	45	72	96	77	148	73	22	30	42
22	34	70	69	55	76	83	73	105	73	11	33	36
23	30	79	68	60	77	76	72	85	70	10	22	33
24	26	76	68	45	76	75	70	82	77	11	15	40
25	31	77	69	50	76	73	66	77	72	11	22	37
26	29	75	68	55	79	88	65	75	68	13	21	37
27	26	72	66	60	75	88	66	73	64	13	20	35
28	30	69	60	55	73	85	65	73	77	14	55	36
29	31	68	55	50	..	82	65	80	65	12	93	36
30	37	69	60	60	..	80	64	83	60	10	90	34
31	36	..	55	60	..	90	..	103	..	18	117	..
Mean	31	62	65	52	72	78	86	82	80	32	42	48
Max.	37	79	69	65	85	96	114	148	178	68	230	97
Min.	25	37	55	15	60	70	64	57	60	10	6	33
A.F. 1930	3720	4000	3200	3990	4790	5100	5040	4760	2000	2560	2860	..

Total acre-feet 43950.

BUREAU OF IRRIGATION

503

REPUBLICAN RIVER AT BENKELMAN—Sec. 19-1-37 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	34	64	150	80	85	200	334	114	137	91	8	260
2	33	68	160	80	90	180	455	112	123	98	10	114
3	36	72	170	70	90	150	359	110	131	88	9	100
4	39	80	160	55	80	135	281	110	148	77	9	86
5	42	80	130	45	75	156	396	112	156	67	7	76
6	44	71	110	55	70	173	407	123	168	61	3	76
7	47	77	100	65	75	165	344	154	308	46	1	83
8	49	78	90	70	85	168	306	306	366	56	1	82
9	55	80	75	80	110	173	303	290	334	96	1	86
10	62	88	90	80	120	173	290	238	373	72	2	88
11	59	89	100	80	130	175	271	216	313	59	2	88
12	57	94	120	90	140	168	268	413	300	81	2	86
13	58	94	120	100	120	165	219	221	419	80	2	88
14	62	101	120	95	110	159	203	322	502	63	10	84
15	59	100	110	95	130	165	182	227	419	58	17	82
16	56	94	95	90	150	165	165	208	362	63	73	76
17	56	86	95	80	160	161	159	200	320	54	74	71
18	56	103	110	75	180	143	139	208	357	38	119	67
19	58	80	90	80	200	148	135	192	221	32	96	67
20	61	85	100	80	200	173	137	187	173	29	62	64
21	61	100	110	75	200	200	148	572	150	30	50	62
22	59	120	100	70	240	190	143	247	133	26	48	58
23	57	140	85	70	290	177	139	192	123	20	43	56
24	57	150	80	65	300	177	135	180	112	14	38	52
25	61	170	85	65	310	168	129	159	101	9	34	49
26	59	160	65	70	310	203	121	141	89	12	35	45
27	59	160	70	85	290	230	110	141	80	12	35	47
28	57	140	60	80	250	213	117	145	375	7	78	50
29	57	140	75	75	...	210	114	143	163	7	219	52
30	59	150	70	75	...	243	116	137	100	8	177	56
31	61	...	70	80	...	287	...	133	...	12	302	...
Mean	54	104	102	76	164	180	221	202	235	47	50	78
Max.	62	170	170	100	310	287	455	572	502	98	302	260
Min.	33	64	60	45	70	135	110	110	80	7	1	45
A.F.	330	6180	6280	4670	9100	11090	13140	12400	14000	2910	3100	4660

Total acre-feet 90840.

REPUBLICAN RIVER, SOUTH FORK, NEAR BENKELMAN—Sec. 31-1-37 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	33	70	30	18	138	228	69	188	36	0	547
2	0	36	80	35	18	112	184	64	118	40	0	254
3	0	28	85	35	20	72	179	59	91	40	0	155
4	0	26	75	35	20	61	179	59	105	24	0	102
5	0	31	45	30	20	61	198	57	134	15	0	91
6	0	31	60	25	20	72	218	77	170	13	0	83
7	0	33	55	20	20	88	223	118	278	9	0	80
8	0	36	60	25	30	77	193	270	480	94	0	72
9	0	44	50	20	35	105	165	270	315	100	0	67
10	0	40	55	25	45	102	160	193	418	40	0	67
11	0	31	55	25	50	85	174	151	208	28	0	69
12	0	34	65	20	60	91	160	134	203	26	0	72
13	0	34	75	25	65	88	134	115	165	74	10	67
14	7	29	80	25	70	69	126	126	184	48	16	67
15	10	36	75	30	65	52	105	179	134	48	17	50
16	7	40	60	35	70	108	95	146	105	38	1160	46
17	10	46	50	40	95	88	88	121	74	23	1020	44
18	15	38	45	35	100	83	83	102	74	13	1610	38
19	15	26	40	25	120	77	30	105	88	7	659	38
20	18	20	45	20	150	72	69	102	69	4	275	38
21	18	20	55	16	180	77	85	102	61	1	138	40
22	20	25	65	18	260	80	85	102	52	1	67	42
23	23	30	55	20	400	69	88	88	48	0	59	42
24	26	40	45	20	510	61	72	178	48	0	35	40
25	29	50	30	18	352	72	67	102	48	0	31	35
26	28	55	20	18	243	115	67	80	34	0	34	29
27	29	55	20	18	184	146	77	95	28	0	36	29
28	31	50	35	18	155	130	85	74	493	0	66	31
29	34	60	35	18	...	115	85	95	175	0	273	31
30	33	60	35	18	...	112	72	259	50	0	232	31
31	33	...	30	18	...	174	...	393	...	0	1230	...
Mean	12	37	53	25	121	92	127	132	155	23	225	80
Max.	34	60	85	40	510	174	228	393	493	100	1610	547
Min.	0	20	20	16	18	52	67	57	28	0	0	29
A.F.	766	2230	3270	1510	6690	5660	7560	8110	9200	1430	13830	4750

Total acre-feet 65030.

REPORT OF THE STATE ENGINEER

 REPUBLICAN RIVER AT TRENTON—Sec. 2-2-33 W.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	72	220	35	70	380	336	176	422	171	0	1820
2	0	69	228	60	60	380	600	154	288	128	0	466
3	0	75	222	55	60	440	446	145	269	132	0	366
4	0	80	234	40	75	380	550	150	302	106	0	302
5	0	96	200	30	75	257	600	150	350	66	0	228
6	0	103	140	35	95	240	686	234	762	49	0	217
7	1	99	120	45	95	257	708	316	896	40	0	222
8	3	96	100	60	100	269	600	730	1060	26	0	222
9	8	99	100	50	110	288	530	570	713	90	0	222
10	11	110	80	40	130	252	550	448	963	222	0	222
11	15	121	85	35	130	252	502	390	642	110	0	196
12	21	103	130	50	150	207	430	676	708	58	0	154
13	23	124	160	70	130	275	414	430	556	112	0	141
14	25	132	170	100	140	322	336	538	574	217	0	137
15	26	132	160	110	170	322	281	511	524	162	0	124
16	23	114	150	100	230	295	252	475	422	128	107	106
17	22	106	120	90	310	350	257	414	430	114	1720	96
18	25	162	110	80	390	316	228	382	762	80	1870	92
19	30	150	100	70	410	288	217	502	414	37	570	89
20	37	75	120	65	420	288	240	568	316	21	350	83
21	40	55	160	65	470	281	252	626	234	16	212	83
22	45	10	180	65	570	329	269	503	202	8	145	86
23	47	45	180	65	740	269	263	439	176	6	99	83
24	47	120	160	65	820	234	240	520	158	1	80	80
25	52	200	150	65	820	246	202	439	137	0	58	69
26	52	180	80	65	700	406	186	374	121	0	52	56
27	49	130	45	60	550	560	191	390	106	0	45	58
28	52	150	25	60	420	439	191	398	328	0	49	58
29	54	140	45	65	...	390	186	382	422	0	185	58
30	53	180	25	65	...	187	196	422	275	0	448	58
31	69	...	15	70	...	352	...	575	...	0	1040	...
Mean	27	111	129	62	301	315	365	420	451	68	227	206
Max.	69	200	234	110	820	560	708	730	1060	222	1870	1820
Min.	0	10	15	30	60	187	186	145	106	0	0	56
A.F.	1660	6600	7960	3830	16740	19340	21740	25840	26840	4170	13940	12230

Total acre-feet 160900.

 REPUBLICAN RIVER AT CULBERTSON—Sec. 17-3-31 W.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	88	150	30	45	850	500	217	499	109	0	2070
2	4	100	150	30	50	1170	600	184	289	100	0	654
3	3	88	210	25	50	990	549	157	190	68	0	297
4	3	88	240	25	60	627	627	141	152	96	0	224
5	3	96	210	20	65	411	575	184	157	64	0	184
6	3	104	160	50	60	305	549	334	314	52	0	190
7	1	76	65	40	70	305	601	400	433	50	0	170
8	3	84	65	30	75	390	411	1090	1300	47	0	217
9	7	92	65	30	70	433	297	844	765	27	0	211
10	8	96	60	35	90	444	297	588	1360	134	0	232
11	6	96	120	40	120	334	314	477	466	115	0	211
12	7	96	140	75	130	184	352	787	314	76	0	177
13	16	125	170	95	130	240	281	538	297	68	0	204
14	23	96	190	110	170	264	390	362	700	164	0	197
15	21	104	210	95	220	190	305	588	466	115	0	211
16	23	120	130	95	210	256	281	614	352	80	0	177
17	20	136	75	90	220	248	281	433	281	52	1410	152
18	21	170	140	95	230	232	297	433	352	50	3820	130
19	21	150	65	90	290	170	289	601	390	29	843	92
20	27	100	90	85	280	204	314	952	352	11	499	80
21	31	5	150	85	290	281	197	655	264	8	253	80
22	50	18	180	70	500	343	248	790	264	6	157	76
23	30	22	180	30	730	382	281	670	217	6	109	52
24	64	85	200	65	900	305	256	760	164	0	88	38
25	64	180	170	65	690	411	224	627	130	0	68	29
26	64	260	100	70	580	477	136	522	115	0	64	38
27	76	220	65	60	600	640	256	477	104	0	55	58
28	80	190	50	50	530	488	314	562	115	0	55	64
29	76	130	40	50	...	372	289	510	224	0	115	61
30	61	110	35	40	...	250	264	477	184	0	730	61
31	100	...	35	50	...	146	...	1150	...	0	433	...
Mean	31	111	126	59	266	397	352	552	374	49	281	221
Max.	100	260	240	110	900	1170	627	1150	1360	164	3820	2070
Min.	1	5	35	20	45	146	136	141	104	0	0	29
A.F.	1920	6600	7780	3610	14790	24440	20980	33970	22230	3020	17250	13160

Total acre-feet 169800.

BUREAU OF IRRIGATION

505

REPUBLICAN RIVER AT CAMBRIDGE—Sec. 28-4-25 W. Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	58	218	390	120	190	1220	810	505	722	954	44	2310
2	67	236	400	130	190	1300	873	445	927	586	44	1880
3	61	240	390	140	190	1350	1230	420	786	356	46	891
4	61	253	370	130	200	1130	1120	408	658	254	47	339
5	53	262	380	110	210	828	1140	439	778	244	39	292
6	51	258	366	140	230	674	1200	754	682	249	34	231
7	55	277	372	160	240	658	1250	586	3110	350	31	198
8	56	287	378	160	220	682	1190	1590	2030	250	27	214
9	69	249	366	150	230	650	1190	1730	1530	934	9	222
10	82	258	370	140	230	642	1150	1340	1510	297	11	222
11	90	282	402	160	240	682	1090	1070	1540	287	13	222
12	97	272	408	170	260	674	981	972	965	292	13	222
13	100	282	472	180	290	602	945	1670	1890	222	34	222
14	112	292	458	200	330	618	900	864	1240	222	6	226
15	129	307	414	190	340	578	794	1120	900	277	8	231
16	126	312	426	210	400	534	706	1280	837	297	20	218
17	138	317	402	220	480	634	650	1040	698	244	491	194
18	141	339	396	220	510	658	594	936	4560	198	1660	178
19	144	320	350	230	560	610	570	873	2480	161	1520	168
20	147	280	282	230	590	570	626	945	1240	138	658	141
21	172	300	339	240	760	666	618	1400	963	110	372	144
22	172	320	396	230	1210	666	570	1780	690	82	226	129
23	172	340	390	230	2180	730	556	1010	548	76	144	102
24	175	290	440	230	3440	714	548	846	478	61	97	97
25	182	330	380	220	2700	642	512	837	439	53	82	90
26	178	370	280	220	1930	802	485	786	414	56	40	84
27	182	410	170	210	1370	1100	512	666	390	66	37	76
28	202	400	150	200	1070	1040	485	573	722	53	47	67
29	253	360	140	200	....	963	485	586	1180	53	56	61
30	226	390	130	190	....	1160	485	570	1440	55	40	53
31	226	....	130	190	....	746	....	602	....	51	300	....
Mean	128	302	346	185	742	791	509	924	1215	243	200	324
Max.	258	410	472	240	3440	1350	1250	1780	4560	954	1660	2310
Min.	51	218	130	110	190	534	485	408	390	51	6	53
A.F.	7900	17960	21300	11400	41240	48640	48130	56820	72290	14930	12280	19280

Total acre-feet 372200.

REPUBLICAN RIVER NEAR ORLEANS—Sec. 19-2-19 W. Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	41	254	458	150	220	1420	1040	567	640	995	63	68
2	42	248	446	140	230	1360	936	572	766	722	54	987
3	44	254	462	160	230	1410	1050	558	816	515	48	788
4	44	260	475	190	230	1610	1220	511	728	406	46	600
5	44	272	493	210	230	1800	1260	527	615	340	44	620
6	45	269	497	210	230	1470	1300	1230	620	316	41	369
7	45	263	450	200	240	1130	1290	1050	2640	307	39	313
8	45	272	421	200	260	930	1350	1300	2950	323	34	281
9	45	272	363	210	280	828	1290	2500	2330	425	31	266
10	45	269	240	220	280	794	1260	1710	1960	738	39	269
11	53	278	220	210	300	750	1220	1420	1670	372	60	340
12	68	284	300	210	280	716	1190	1230	1440	272	40	347
13	75	284	410	210	240	733	1080	1120	1450	278	38	263
14	82	291	490	220	260	680	976	1360	1720	248	32	245
15	88	291	550	230	300	670	924	1100	1270	229	72	229
16	90	297	530	230	340	635	912	1350	1110	210	52	222
17	98	300	510	240	400	572	852	1910	988	240	88	127
18	109	307	490	250	430	650	732	1320	2460	218	628	180
19	123	185	450	250	430	615	733	1160	2490	200	1930	166
20	131	123	440	250	490	620	695	1050	1900	178	1230	149
21	133	190	400	250	740	605	685	2430	1160	166	700	135
22	141	263	350	250	970	591	665	1830	906	164	484	125
23	151	287	340	260	1140	635	630	1410	738	155	316	112
24	155	327	270	260	2320	675	635	1140	670	122	229	102
25	164	351	220	250	3240	711	630	930	615	95	164	89
26	171	394	200	240	3220	728	595	900	567	92	129	82
27	175	429	210	240	2370	794	581	870	520	88	116	72
28	183	442	190	240	1710	1050	572	738	506	80	95	66
29	205	420	160	240	....	1070	544	676	625	76	86	60
30	226	390	150	230	....	1130	534	660	1220	75	90	54
31	234	....	150	220	....	1270	....	660	....	70	88	....
Mean	108	292	367	222	772	924	515	1154	1270	281	228	260
Max.	284	442	550	260	3240	1800	1380	2500	2950	995	1930	987
Min.	41	123	150	140	220	572	534	511	506	70	31	54
A.F.	6630	17390	22540	13630	42860	56830	54470	70950	75550	17290	14040	15450

Total acre-feet 407600.

REPORT OF THE STATE ENGINEER

 REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. 8-1-15 W.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62	274	440	150	260	2080	1230	802	978	1190	203	237
2	64	256	441	160	250	1790	978	654	978	1030	187	227
3	70	248	431	160	250	1680	1030	642	1250	824	177	1210
4	70	263	457	190	240	1710	1130	636	1380	684	162	1140
5	64	274	480	200	250	1940	1350	630	1240	618	153	838
6	52	274	500	210	250	1970	1310	1430	1270	576	138	790
7	64	278	510	230	250	1700	1280	2410	2550	541	124	564
8	66	270	480	220	260	1340	1300	2990	6330	535	110	582
9	71	270	460	180	270	1200	1380	4520	5070	553	106	576
10	64	274	430	170	290	1120	1380	5200	4080	866	100	524
11	62	274	440	190	300	1070	1310	3420	4580	1050	124	588
12	63	274	420	200	280	999	1290	2790	3490	618	106	672
13	72	278	410	210	260	999	1200	2190	5140	457	150	720
14	79	278	420	220	260	1010	1180	1950	4480	479	130	484
15	84	286	370	230	280	908	1500	2130	4030	436	436	400
16	88	286	300	230	300	894	1080	1700	3210	506	363	363
17	90	294	290	230	320	810	1010	2450	2110	648	934	345
18	98	300	310	230	330	762	929	2960	1870	524	535	323
19	108	280	280	240	330	824	873	2590	5120	431	1560	302
20	119	290	310	250	330	756	852	2740	4720	382	2820	282
21	130	230	300	250	370	744	859	4030	3290	349	1960	267
22	133	190	300	260	540	708	838	4890	2090	327	1520	248
23	138	230	250	270	1020	696	810	4000	1820	377	1210	234
24	147	270	190	270	1450	720	774	3030	2370	405	1190	220
25	153	290	160	270	3020	738	762	2330	1440	358	1120	210
26	165	290	150	270	4220	768	762	1750	936	282	887	193
27	171	350	150	270	3640	750	732	1620	831	270	600	187
28	177	370	150	270	2650	817	696	1350	873	302	447	174
29	190	400	150	270	....	1060	672	1130	720	542	340	162
30	200	390	150	270	....	1130	732	1040	873	302	286	156
31	213	....	150	270	....	1200	....	1010	....	227	259	....
Mean	107	284	333	227	804	1126	1029	2291	2638	538	595	441
Max.	213	400	510	270	4220	2080	1380	5200	6330	1190	2820	1210
Min.	52	190	150	150	240	696	672	630	720	227	100	156
A.F.	6600	16920	20450	13960	44630	69210	61250	140900	157000	33100	36570	26220

Total acre-feet 626800.

 REPUBLICAN RIVER NEAR HARDY—Sec. 6-15-5 W.
 Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	78	238	429	205	225	3050	1440	810	1240	1000	418	341
2	78	256	540	200	223	2340	1440	1080	1200	1390	330	301
3	78	282	519	195	250	2340	1340	927	1200	1500	296	273
4	70	292	512	190	250	3350	1100	754	1130	1290	269	389
5	58	346	528	185	250	4060	1220	754	1670	1150	256	1500
6	60	316	486	180	250	4470	1290	3530	3120	963	242	1200
7	60	292	436	175	250	3280	1390	3350	5490	918	234	1020
8	62	292	430	170	250	2540	1440	4750	7510	837	222	891
9	70	296	300	165	250	1910	1440	7800	16000	835	210	738
10	76	306	282	165	250	1670	1610	6820	7200	840	210	738
11	76	269	292	165	250	1610	1730	5180	4640	846	206	786
12	65	296	311	160	1200	1290	1670	3420	4640	1390	202	706
13	70	301	389	165	700	1160	1610	2750	10900	1440	202	714
14	76	287	383	170	600	1150	1730	2210	7040	927	202	819
15	70	287	395	175	500	1010	1610	1910	5000	1010	306	945
16	76	292	335	180	400	891	1500	1970	4470	864	424	690
17	87	292	362	180	400	1050	1340	1910	3660	682	435	590
18	92	296	383	180	450	1110	1220	1790	2820	698	598	533
19	98	292	383	190	400	1010	1130	4640	2680	819	981	505
20	104	238	356	190	350	1000	1060	4060	5180	706	568	505
21	107	247	356	200	300	1060	1040	7510	5550	650	2090	512
22	117	282	367	300	328	1100	1010	6160	4060	540	2150	389
23	120	330	383	500	350	1080	972	5550	2540	479	1560	341
24	126	372	330	500	2500	1000	954	4060	2610	540	1210	341
25	139	325	226	400	5550	954	900	3120	4470	454	945	330
26	146	362	200	300	5950	1080	846	2610	2340	486	936	311
27	159	447	200	250	5180	1230	828	1970	1390	467	1060	278
28	184	406	220	230	3740	1220	846	1910	1790	429	802	264
29	214	412	250	230	....	1080	794	1790	2340	383	590	256
30	226	479	230	230	....	1120	762	1560	1240	400	492	247
31	230	....	210	230	....	1390	....	1340	....	540	412	....
Mean	106	314	358	224	1128	1697	1242	3161	4171	822	615	582
Max.	230	479	540	500	5950	4470	1730	7800	16000	1500	2150	1500
Min.	58	238	200	160	223	891	762	754	1130	383	202	247
A.F.	6490	18700	22040	13800	62670	104300	73910	194400	248200	50520	37800	34620

Total acre-feet 867450.

BUREAU OF IRRIGATION

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ROCK CREEK AT PARKS—Sec. 21-1-39 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	16	18	12	16	18	25	14	15	15	12	17
2	15	16	18	11	18	18	25	14	14	14	12	16
3	15	16	18	7	18	18	23	15	14	13	13	16
4	15	16	18	7	18	18	21	15	15	12	13	15
5	16	16	18	14	18	18	22	16	15	12	12	15
6	15	15	18	18	18	18	22	17	16	12	12	14
7	14	15	17	16	17	18	21	19	22	13	12	15
8	14	16	16	15	17	18	20	25	26	13	11	15
9	15	16	16	13	16	18	20	23	31	13	11	15
10	15	16	16	13	17	18	20	20	23	13	12	15
11	15	16	16	13	18	18	19	18	20	12	12	15
12	15	16	16	13	17	18	18	18	18	13	12	15
13	15	16	16	12	19	18	18	18	18	12	12	14
14	16	16	16	13	17	18	17	20	20	14	12	13
15	16	16	16	14	16	18	16	19	18	15	12	13
16	16	17	17	13	17	17	16	18	17	14	14	13
17	15	14	17	14	18	17	16	18	16	13	15	13
18	16	15	16	15	18	17	16	17	23	13	17	13
19	16	16	17	15	18	16	16	18	23	12	15	13
20	16	16	17	15	17	17	16	17	20	12	14	14
21	16	17	17	12	17	19	17	17	18	12	13	14
22	16	18	17	10	18	19	16	16	17	12	13	14
23	15	18	17	8	18	19	16	17	17	12	13	14
24	16	17	17	8	18	19	15	17	16	12	12	15
25	16	17	17	8	18	18	15	16	16	12	12	14
26	16	16	17	9	18	21	16	15	16	13	12	14
27	16	16	16	10	18	21	16	14	15	12	12	14
28	16	15	16	12	18	20	16	14	16	12	16	14
29	16	15	14	14	..	20	15	15	15	12	22	14
30	16	15	13	16	..	16	15	15	14	12	18	15
31	16	..	11	16	..	15	..	15	..	12	19	..
Mean	16	16	16	12	18	18	18	17	18	13	14	14
Max.	16	18	18	18	19	21	25	25	31	15	22	17
Min.	14	14	11	7	16	15	15	14	14	12	11	13
A.F.	952	952	1010	766	974	1110	1080	1050	1080	780	827	855

Total acre-feet 11440.

SALT CREEK NEAR ASHLAND—Sec. 31-13-10 E.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	87	170	147	128	140	2000	532	179	522	850	179	108
2	87	123	150	123	140	2000	405	182	6140	379	182	108
3	83	110	153	182	140	9000	301	182	3680	313	139	113
4	83	108	155	150	140	15000	293	188	887	238	133	118
5	83	393	170	150	140	22800	274	176	428	231	133	133
6	87	790	167	150	140	23500	282	446	329	228	133	384
7	110	441	144	150	140	11500	256	460	362	305	130	928
8	96	338	130	150	140	7670	252	1700	700	274	130	673
9	94	141	120	150	140	3900	248	2640	621	2760	136	245
10	87	123	101	150	140	1780	263	1780	532	1100	139	932
11	87	116	133	150	140	1110	263	527	963	401	139	3840
12	87	113	158	150	140	813	256	301	455	270	136	3280
13	83	110	147	150	140	963	248	248	7620	224	139	875
14	83	110	150	150	140	711	252	217	2400	921	139	366
15	77	108	153	150	200	441	464	182	1290	441	362	248
16	72	110	128	150	200	392	451	242	469	259	658	170
17	81	108	110	150	200	414	586	358	289	231	388	217
18	81	108	144	150	200	392	464	366	2790	224	278	164
19	81	456	123	150	200	642	309	546	2700	201	907	150
20	87	437	118	150	200	2130	270	642	862	188	1010	141
21	90	337	128	150	200	4200	242	4400	2250	201	556	130
22	94	231	133	150	200	4520	252	6250	978	191	432	128
23	96	182	133	150	200	1870	248	1560	507	179	270	126
24	96	194	108	150	500	921	221	706	5480	224	170	128
25	94	267	79	150	1000	802	201	503	2010	301	130	128
26	94	289	108	150	1500	626	198	388	642	274	130	108
27	99	293	136	150	1500	690	176	1480	375	551	173	108
28	94	224	147	150	1500	596	173	1020	642	527	139	103
29	150	179	123	150	..	469	176	419	2410	208	128	106
30	591	158	113	150	..	423	173	317	3990	176	113	103
31	337	..	136	150	..	451	..	287	..	173	116	..
Mean	115	224	134	149	349	3959	291	932	1777	431	256	479
Max.	591	790	170	150	1500	23500	586	6250	7620	2760	1010	3840
Min.	72	108	79	123	140	392	173	176	289	173	113	103
A.F.	7040	13320	8220	9190	19360	243400	17310	57330	105700	25870	15760	28480

Total acre-feet 550980.

REPORT OF THE STATE ENGINEER

SAPPA CREEK NEAR BEAVER CITY—Sec. 14-1-23 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	3	5	3	1	110	25	14	59	49	20	56
2	1	1	5	3	1	70	24	16	56	48	19	51
3	1	5	5	3	1	60	37	16	72	49	17	48
4	0	7	5	3	1	60	33	18	281	53	16	94
5	0	5	5	3	1	60	20	51	189	56	15	126
6	0	2	5	3	1	60	20	315	122	62	13	160
7	0	2	5	3	1	55	24	191	363	63	12	118
8	0	1	4	3	1	45	24	781	506	62	13	75
9	0	1	4	2	1	40	25	606	616	54	12	61
10	0	1	4	1	1	35	33	546	666	44	11	54
11	0	2	4	1	1	30	36	365	269	41	10	105
12	0	2	4	2	2	25	36	335	444	68	10	54
13	0	1	4	2	2	20	33	244	1240	52	34	41
14	0	1	4	3	2	20	33	132	960	94	70	36
15	0	1	4	3	50	20	29	96	209	266	33	30
16	0	1	4	3	60	20	29	212	112	73	293	29
17	0	1	4	3	40	20	25	75	277	51	325	29
18	0	4	4	2	50	25	24	60	946	38	477	29
19	0	5	4	2	170	31	23	72	862	35	678	29
20	0	5	4	1	185	31	22	99	450	93	506	25
21	0	5	4	1	230	28	21	509	160	93	435	21
22	0	5	4	1	220	24	19	570	112	62	642	21
23	0	5	3	1	385	24	19	460	93	43	703	20
24	0	5	3	1	320	25	19	325	82	42	373	20
25	0	5	3	1	245	21	19	244	75	38	146	17
26	0	5	3	1	200	21	16	143	68	31	99	18
27	0	5	3	1	120	24	16	96	64	46	85	17
28	0	5	3	1	80	24	17	78	60	28	75	18
29	0	5	3	1	...	22	18	72	56	23	70	18
30	0	5	3	1	...	25	18	65	52	24	68	16
31	3	...	3	1	...	31	...	56	...	20	60	...
Mean	0	3	4	2	85	36	25	221	317	53	172	48
Max.	2	7	5	3	385	110	37	781	1240	266	703	160
Min.	0	1	3	1	1	20	16	14	52	20	10	16
A.F.	22	200	242	117	4700	2190	1460	13610	18880	3580	10590	2850

Total acre-feet 58441.

SAPPA CREEK NEAR STAMFORD—Sec. 23-2-20 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	7	2	1	186	69	58	131	117	48	88
2	1	1	7	2	1	163	73	58	168	111	45	76
3	1	1	5	2	1	167	69	53	230	106	46	77
4	1	1	5	2	1	165	65	49	162	141	43	97
5	1	2	5	2	1	143	74	191	351	153	38	103
6	1	1	8	2	1	124	77	737	318	132	36	149
7	1	1	5	2	1	118	63	915	365	151	33	248
8	1	4	4	2	1	122	63	1130	780	130	31	272
9	1	6	3	2	1	106	64	1900	902	120	30	207
10	1	4	4	2	1	100	61	1340	950	118	37	172
11	0	4	5	2	1	83	65	1120	1060	97	28	228
12	0	3	3	2	1	96	35	654	595	89	24	326
13	0	5	4	2	1	96	93	437	1340	88	74	173
14	0	4	5	2	1	96	88	373	1360	107	94	120
15	0	4	5	2	1	73	81	208	1380	96	89	106
16	0	4	4	2	1	77	80	283	622	288	165	91
17	0	4	4	2	2	87	79	602	259	161	252	82
18	0	6	3	2	60	74	78	190	738	103	637	76
19	0	6	4	2	60	81	76	123	1260	83	759	72
20	0	6	5	2	40	83	73	204	1500	73	785	70
21	0	8	5	2	120	80	69	672	969	86	666	66
22	0	9	5	2	160	78	67	988	438	138	556	60
23	0	8	6	1	330	77	64	919	305	164	822	53
24	0	6	4	1	774	70	61	829	226	109	945	50
25	0	6	3	1	645	64	61	594	195	71	717	46
26	0	7	3	1	391	64	59	483	172	94	391	44
27	0	7	3	1	298	66	58	322	152	92	282	39
28	0	5	3	1	209	64	56	208	136	65	187	36
29	0	6	1	1	...	62	55	189	132	66	140	35
30	0	6	2	1	...	65	56	162	125	52	117	33
31	0	...	2	1	...	72	...	146	...	48	106	...
Mean	0	4	4	2	111	97	69	522	577	111	265	110
Max.	1	9	8	2	774	186	93	1900	1500	286	945	326
Min.	0	1	1	1	1	62	55	49	125	48	24	33
A.F.	27	268	262	105	6160	5950	4130	32110	34360	6840	16270	6540

Total acre-feet 113000.

BUREAU OF IRRIGATION

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SHEEP CREEK NEAR MORRILL—Sec. 16-23-57 W. Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	141	109	95	72	81	74	79	76	3	9	5	4
2	138	108	95	71	81	73	78	73	3	9	5	4
3	130	108	96	60	81	73	78	73	3	9	5	3
4	122	106	95	54	81	79	77	72	3	9	5	6
5	121	104	92	64	81	78	79	77	3	8	5	5
6	123	104	93	87	81	77	76	81	74	8	6	103
7	122	104	92	93	80	77	87	76	112	8	6	139
8	120	104	92	80	81	78	75	108	13	6	6	140
9	119	102	91	92	80	81	76	76	100	10	5	143
10	119	102	92	80	80	80	75	77	95	11	7	139
11	118	102	93	81	82	80	74	77	93	10	7	139
12	119	101	91	91	78	81	75	77	93	10	8	148
13	120	101	92	90	79	80	76	77	103	11	7	147
14	120	100	92	90	78	80	75	76	96	13	7	141
15	118	99	91	89	78	82	76	76	89	14	9	129
16	116	97	88	88	79	82	76	71	87	15	7	79
17	114	102	90	87	82	80	75	19	86	14	7	8
18	114	99	91	87	82	80	73	3	86	13	9	8
19	114	98	92	86	81	80	72	2	86	8	10	8
20	113	97	94	86	81	79	73	3	85	5	7	8
21	112	97	93	85	83	77	74	3	83	5	3	5
22	110	97	89	84	84	76	75	2	82	4	4	4
23	108	98	86	84	84	77	76	2	83	4	4	3
24	106	100	82	84	84	78	76	2	83	4	4	3
25	104	98	76	83	83	78	76	4	81	5	4	3
26	106	98	74	83	83	78	76	9	80	4	4	3
27	106	96	70	83	77	76	76	9	37	4	4	4
28	109	95	71	82	75	79	75	6	11	4	4	54
29	131	95	71	82	...	79	76	2	11	5	4	135
30	114	95	72	82	...	79	82	2	10	5	4	136
31	109	...	71	82	...	79	...	3	...	5	4	...
Mean	117	101	87	83	81	78	76	41	66	8	6	62
Max.	141	109	96	93	84	82	87	81	112	15	10	148
Min.	104	95	70	54	75	73	72	2	3	4	3	3
A.F.	7210	5980	5360	5110	4480	4830	4540	2540	3910	513	349	3680

Total acre-feet 48500.

SHELL CREEK NEAR COLUMBUS—Sec. 23-18-1 E. Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	16	13	17	12	25	127	18	88	225	7	6
2	3	12	13	17	13	30	71	18	1890	136	7	6
3	4	8	13	20	12	50	54	19	2600	62	5	7
4	4	8	14	20	13	60	44	17	945	37	5	13
5	4	9	16	21	13	170	40	18	174	25	6	14
6	4	9	19	21	14	230	38	27	86	18	5	20
7	5	13	18	19	14	200	36	23	64	16	6	68
8	4	11	17	15	15	140	38	20	70	15	7	41
9	5	10	16	13	14	120	35	42	108	16	5	19
10	6	9	16	14	13	85	37	33	85	92	5	23
11	5	8	16	11	15	65	46	24	128	43	4	47
12	6	11	16	12	15	55	43	20	115	22	4	54
13	7	10	15	13	15	50	36	18	61	18	5	27
14	4	10	15	13	15	50	35	17	44	22	4	15
15	5	12	16	13	15	45	40	18	139	29	5	19
16	3	10	16	10	15	55	72	18	69	19	162	16
17	3	10	18	12	15	45	44	20	39	19	38	12
18	4	11	17	9	15	55	35	23	31	12	36	8
19	4	9	18	7	15	55	29	24	27	12	44	6
20	5	11	19	7	15	60	28	27	27	12	107	5
21	7	10	20	9	15	150	27	133	76	18	33	4
22	5	10	20	10	15	465	27	654	70	22	20	4
23	5	9	20	10	15	243	26	441	47	13	24	3
24	7	14	18	10	15	191	24	145	40	10	18	4
25	7	13	18	10	15	193	24	145	30	10	12	3
26	7	13	18	9	20	127	23	44	25	9	10	5
27	8	13	18	10	20	171	22	35	21	14	8	5
28	11	14	18	8	20	129	20	36	20	10	8	4
29	16	13	16	8	...	78	19	40	30	8	8	6
30	11	13	17	10	...	70	18	54	251	8	7	6
31	18	...	17	11	...	190	...	93	...	7	8	...
Mean	6	11	17	12	15	118	58	71	247	32	20	16
Max.	18	16	20	21	20	465	127	654	2600	225	162	68
Min.	3	8	13	6	12	25	18	17	20	7	4	3
A.F.	376	653	1030	768	829	7240	2290	4360	14680	1930	1230	931

Total acre-feet 36320.

SILVERNAIL DRAIN--Sec. 6-19-49 W.
Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	5	4	8	23	18
2	5	4	8	14	22
3	5	7	15	14	23
4	4	7	13	14	24
5	5	21	22	14	24
6	5	18	21	12	33
7	5	26	20	12	33
8	5	32	20	12	32
9	5	32	23	14	32
10	5	6	23	14	27
11	5	6	31	12	27
12	4	10	31	14	30
13	5	9	31	14	30
14	5	23	31	14	30
15	5	32	25	16	30
16	5	44	25	16	24
17	5	44	28	15	15
18	5	24	29	16	22
19	4	24	28	16	22
20	8	30	36	18	22
21	8	30	36	20	23
22	6	37	25	20	24
23	7	35	20	16	24
24	8	35	27	16	24
25	6	13	26	11	24
26	6	13	16	11	15
27	6	21	12	11	15
28	6	21	16	11	15
29	5	8	16	11	15
30	7	8	25	11	15
31	7	..	25	19	..
Mean	6	21	23	15	24
Max.	8	44	36	23	33
Min.	4	4	8	11	15
A.F.	340	1240	1410	890	1420

SNAKE CREEK NEAR BURGE--Sec. 20-31-31 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	216	256	244	241	240	347	286	317	282	221	208	224
2	221	250	250	247	238	359	292	286	256	227	203	218
3	218	247	253	100	233	359	289	272	244	221	200	227
4	218	256	253	200	227	390	282	253	244	218	198	236
5	224	303	247	270	238	394	279	263	241	221	195	244
6	241	263	233	280	238	374	279	266	233	285	192	256
7	247	253	244	320	224	355	272	256	289	272	190	256
8	227	260	247	314	241	344	276	272	317	268	188	250
9	224	256	244	280	241	314	303	263	314	244	211	244
10	236	250	230	280	238	300	300	256	292	213	221	250
11	233	244	250	280	250	296	279	247	266	216	213	296
12	230	247	256	280	240	292	272	244	256	216	213	303
13	233	241	253	280	240	289	286	241	256	230	233	279
14	233	236	253	269	238	279	306	266	250	224	221	241
15	241	241	260	278	238	279	279	289	241	216	213	238
16	244	250	250	250	240	276	232	300	238	208	216	236
17	236	260	247	220	240	276	266	321	241	216	216	230
18	230	266	250	220	240	272	250	293	236	198	259	230
19	227	269	247	230	240	276	244	272	230	198	253	227
20	230	238	256	250	240	289	244	266	233	208	247	227
21	233	244	253	250	260	306	247	296	238	203	236	227
22	238	241	241	250	286	300	247	310	224	195	227	233
23	241	250	241	250	332	303	244	317	224	192	216	227
24	233	250	213	250	394	347	238	296	230	190	211	227
25	230	256	230	240	378	321	244	263	238	190	218	230
26	236	253	198	233	394	314	247	244	230	198	218	233
27	241	253	236	250	359	328	244	233	253	198	218	230
28	247	244	250	250	332	314	247	227	236	195	224	227
29	292	238	216	250	..	321	241	227	224	216	230	230
30	303	238	238	250	..	332	317	236	224	216	224	233
31	276	..	238	250	..	300	..	250	..	208	227	..
Mean	238	252	243	252	263	318	269	269	249	216	218	240
Max.	303	303	260	320	394	394	317	321	317	285	259	303
Min.	216	236	198	100	224	272	238	227	224	190	188	218
A.F.	14640	14980	14920	15490	14870	19530	16030	16510	14840	13310	13380	14300

Total acre-feet 182800.

BUREAU OF IRRIGATION

SPOTTED TAIL CREEK, DRY—Sec. 28-23-56 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	74	48	49	52	42	47	38	58	50	50	69	80
2	68	47	50	46	41	49	36	35	52	56	70	82
3	66	47	64	33	41	49	35	36	48	52	70	80
4	68	46	61	31	40	49	34	35	49	54	69	81
5	70	45	59	36	38	47	33	38	42	61	69	83
6	64	45	59	58	36	47	40	40	70	64	68	94
7	71	46	57	57	37	47	40	40	47	68	68	87
8	88	46	57	54	38	48	40	40	57	71	68	84
9	85	45	57	51	38	47	40	58	37	72	69	84
10	81	46	57	50	40	46	40	36	36	84	72	84
11	71	46	57	49	44	45	39	38	35	86	68	88
12	71	45	57	48	42	44	33	38	34	80	68	83
13	71	43	58	48	42	43	39	37	42	76	67	81
14	72	42	60	47	41	42	38	38	36	96	68	81
15	69	41	58	45	40	40	36	36	35	79	70	85
16	64	40	57	44	43	39	36	38	35	75	72	84
17	66	41	57	44	46	40	36	38	35	69	74	83
18	61	40	57	43	46	40	36	38	36	67	77	84
19	61	40	56	43	44	40	35	42	37	69	69	85
20	59	42	56	42	44	40	34	42	35	69	71	84
21	60	42	55	42	46	39	35	47	40	69	72	87
22	62	43	55	42	47	44	35	46	40	76	71	87
23	63	45	55	42	46	43	36	46	40	73	69	88
24	59	49	54	42	46	44	35	42	47	70	68	92
25	52	52	54	42	44	43	33	38	50	71	68	89
26	50	50	54	42	44	42	44	36	52	72	69	90
27	49	49	54	42	46	42	69	39	50	69	72	88
28	50	47	54	42	47	42	40	41	46	68	76	87
29	61	49	52	42	..	41	35	49	46	73	78	89
30	52	49	52	42	..	40	58	45	50	73	80	96
31	49	..	51	42	..	38	..	53	..	72	80	..
Mean	65	45	56	45	42	44	39	41	44	70	71	86
Max.	88	52	64	58	47	49	69	58	70	96	80	96
Min.	49	40	49	31	36	38	33	35	34	50	67	80
A.F.	3980	2690	3440	2740	2360	2670	2310	2510	2600	4330	4360	5100

Total acre-feet 39090.

SPRING CREEK AT CUSHING—Sec. 5-15-9 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	113	20	3	8
2	36	6	3	7
3	10	6	3	9
4	10	6	3	41
5	10	6	3	12
6	10	6	3	14
7	25	5	3	9
8	22	5	3	5
9	183	5	3	4
10	215	5	3	14
11	43	6	3	6
12	39	5	3	4
13	25	5	3	4
14	28	19	3	4
15	8	17	3	4
16	7	13	3	3
17	7	10	3	3
18	13	5	52	4
19	8	5	55	4
20	8	5	13	4
21	7	5	10	4
22	7	5	13	4
23	6	5	10	4
24	6	5	9	4
25	9	5	9	3
26	5	18	9	3
27	7	124	8	3
28	7	32	4	3
29	6	94	4	3
30	6	74	4	3
31	6	..	4	..
Mean	7	39	7	6
Max.	9	215	20	41
Min.	6	5	4	3
A.F.	98	2340	458	384

Total acre-feet 3825.

Note: Recorder started May 25, 1949.

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STINKING WATER CREEK NEAR WAUNETA—Sec. 17-6-35 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	25	30	25	25	50	36	38	26	29	13	19
2	13	24	30	25	25	44	45	36	22	29	11	17
3	13	24	25	25	25	44	51	33	20	22	11	16
4	14	23	25	25	25	44	66	27	21	19	11	16
5	14	23	25	25	25	43	94	25	25	17	11	15
6	14	29	20	25	25	40	114	26	108	18	9	17
7	15	27	13	20	24	38	109	32	343	18	9	19
8	15	26	18	20	26	37	88	72	76	18	9	20
9	15	25	16	16	29	37	80	88	55	18	8	21
10	15	25	18	14	27	36	74	66	46	18	9	20
11	16	25	20	16	28	36	67	58	36	18	10	20
12	16	25	25	16	33	36	58	47	49	25	10	19
13	16	25	28	18	39	36	51	34	94	23	10	20
14	17	25	29	20	35	34	51	44	76	21	11	19
15	17	25	28	18	29	29	42	232	46	26	11	18
16	17	25	24	18	31	35	39	81	35	24	12	16
17	18	25	24	20	34	32	36	50	30	22	14	15
18	18	28	23	20	41	32	33	38	30	18	15	15
19	18	22	23	20	50	34	31	37	30	17	16	15
20	19	20	25	20	64	34	32	38	28	16	15	15
21	19	20	28	20	73	53	36	44	25	15	15	15
22	20	18	25	25	74	50	36	58	21	14	14	15
23	20	20	24	25	103	43	35	52	21	14	13	15
24	20	25	20	25	142	41	30	56	21	13	13	16
25	21	30	20	20	169	42	26	48	21	12	13	16
26	21	30	25	25	115	54	24	43	21	13	14	16
27	22	30	30	25	82	80	25	39	16	13	13	16
28	22	30	25	25	59	68	25	32	18	12	14	17
29	23	30	20	25	..	61	25	28	40	11	21	18
30	26	30	18	25	..	45	25	28	36	12	19	19
31	24	..	18	25	..	35	..	29	..	12	20	..
Mean	18	25	24	22	52	50	50	41	18	13	17	17
Max.	26	30	30	25	169	80	114	232	143	29	21	21
Min.	13	18	16	14	24	22	24	25	16	11	8	15
A.F.	1090	1510	1440	1330	2890	2600	2940	3090	2450	1100	781	1020

Total acre-feet 22240.

STREVER CREEK—Sec. 1-8-20 W.
Water Year Ending September 30, 1949

Day	May	June	July	Aug.	Sept.
1	16	25	36	42	20
2	14	23	34	40	21
3	14	23	33	41	22
4	15	23	33	36	24
5	15	25	32	35	23
6	16	28	34	35	24
7	16	50	35	36	25
8	17	80	36	36	29
9	35	80	36	30	22
10	27	60	38	33	21
11	26	61	37	32	157
12	20	49	36	30	102
13	19	49	38	31	46
14	18	37	38	17	36
15	18	41	39	22	36
16	20	38	38	34	26
17	21	38	38	35	24
18	22	37	37	44	20
19	22	37	37	43	22
20	22	38	37	35	18
21	23	37	38	31	17
22	24	36	36	28	16
23	44	35	37	28	15
24	41	36	43	25	15
25	34	35	37	24	15
26	30	35	37	25	14
27	28	35	36	25	17
28	25	36	35	16	16
29	24	35	34	19	20
30	24	36	35	20	16
31	23	..	35	20	..
Mean	23	40	36	31	29
Max.	44	80	43	44	157
Min.	14	23	32	16	14
A.F.	1410	2370	2230	1880	1740

BUREAU OF IRRIGATION

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THOMPSON CREEK NEAR RIVERTON—Sec. 2-1-13 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	20	27	20	15	46	23	63	32	27	28	19
2	16	20	23	20	15	49	27	22	28	23	27	17
3	19	22	19	20	20	54	27	21	34	24	32	20
4	19	26	21	20	20	97	26	21	43	23	23	48
5	19	24	27	20	20	77	24	110	94	23	19	17
6	18	20	26	20	20	40	24	393	58	24	19	26
7	20	20	28	20	20	28	26	26	584	24	20	34
8	22	22	28	20	20	27	23	807	677	27	19	23
9	21	23	26	20	20	29	23	112	773	24	19	18
10	24	23	29	20	20	27	39	34	75	23	19	16
11	21	19	30	25	20	22	32	22	33	27	16	17
12	23	19	24	25	20	24	34	18	30	27	16	18
13	22	22	19	20	20	20	33	13	36	36	19	16
14	23	19	20	20	20	20	48	20	29	94	18	14
15	22	17	24	20	20	22	39	20	24	32	19	13
16	20	15	24	20	20	23	42	22	23	29	16	16
17	16	17	34	20	20	20	42	26	26	28	19	19
18	21	17	23	20	20	22	29	193	26	27	20	18
19	22	10	24	15	20	22	36	198	30	27	15	16
20	23	15	22	15	20	22	30	180	27	26	15	19
21	23	20	21	15	20	28	24	560	27	34	14	20
22	23	30	24	15	20	27	28	100	29	27	12	24
23	26	50	23	15	50	20	33	52	156	23	13	22
24	24	28	32	15	150	24	27	36	417	22	15	24
25	26	24	26	15	100	27	26	36	108	20	12	21
26	26	21	34	15	70	37	28	33	37	22	21	23
27	19	24	36	15	49	30	30	33	29	22	16	22
28	23	32	21	15	40	28	28	32	37	20	12	19
29	24	39	20	15	..	29	29	30	28	26	16	18
30	22	30	20	15	..	45	42	29	28	28	16	23
31	21	..	20	15	..	26	..	28	..	26	18	..
Mean	21	23	25	18	32	33	31	107	119	28	18	21
Max.	26	50	36	25	150	97	46	807	773	94	32	48
Min.	14	10	19	15	15	20	23	18	23	20	12	13
A.F.	1310	1360	1540	1120	1760	2010	1820	6560	7100	1720	1120	1230

Total acre-feet 28650.

TUB SPRINGS NEAR SCOTTSBLUFF—Sec. 32-23-55 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	105	64	51	40	34	35	27	52	24	2	36	25
2	104	65	51	40	34	34	23	22	16	2	31	30
3	102	65	51	35	33	34	29	30	1	2	43	36
4	103	62	50	35	32	33	30	28	1	6	27	46
5	103	61	48	40	32	33	30	32	3	15	12	59
6	99	60	49	45	32	34	30	42	67	7	3	89
7	92	60	48	43	32	34	30	42	87	3	3	88
8	78	60	47	45	32	35	31	50	79	10	3	88
9	73	60	46	37	32	34	32	46	52	29	8	89
10	77	59	47	37	33	34	32	32	45	74	11	96
11	83	57	46	37	38	33	33	30	57	83	12	74
12	81	56	47	38	33	34	33	29	64	75	9	64
13	79	55	45	37	30	34	34	36	84	68	5	58
14	77	56	45	37	30	34	31	18	76	78	34	55
15	75	57	45	37	31	34	31	24	66	76	57	51
16	72	57	44	36	34	34	30	37	72	68	53	50
17	70	60	45	36	37	30	30	26	63	64	60	48
18	68	57	45	37	34	29	30	18	63	39	52	50
19	66	57	45	36	33	27	30	60	68	12	11	38
20	64	54	45	37	34	27	30	53	53	7	16	12
21	64	54	43	36	36	26	30	64	42	8	33	18
22	63	54	43	37	37	28	30	55	45	11	23	33
23	62	56	43	36	36	28	30	50	45	6	18	36
24	62	57	43	36	36	25	31	50	39	5	10	45
25	61	54	43	37	35	23	32	41	20	4	4	47
26	60	53	43	37	35	21	32	34	3	3	2	52
27	61	52	43	38	35	20	32	30	2	2	8	51
28	62	52	42	39	35	20	39	4	2	2	27	48
29	62	52	40	38	..	26	62	5	2	3	22	51
30	63	52	40	37	..	26	78	1	2	38	11	52
31	64	40	37	..	..	28	..	5	..	42	20	..
Mean	76	57	45	36	34	30	34	34	42	27	21	53
Max.	105	65	51	45	38	38	35	78	64	87	60	96
Min.	60	52	40	35	30	19	27	1	1	2	2	12
A.F.	4670	3410	2780	2330	1870	1830	2000	2070	2470	1670	1320	3130

Total acre-feet 29550.

REPORT OF THE STATE ENGINEER

TURKEY CREEK AT NAPONEE—Sec. 4-1-16 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	10	12	15	11	31	14	15	14	16	12	8
2	8	10	13	15	11	27	15	15	14	15	11	8
3	8	10	12	15	11	26	14	15	14	14	10	8
4	9	10	12	15	11	24	14	14	16	13	10	20
5	8	10	13	15	11	22	15	14	17	14	10	11
6	8	10	14	16	11	21	15	147	18	15	10	11
7	9	10	13	16	11	20	14	52	71	14	10	10
8	8	11	12	15	10	19	14	287	186	15	10	10
9	8	10	13	16	9	17	15	84	173	15	10	10
10	9	11	12	16	11	15	15	29	75	15	10	10
11	10	11	12	16	12	15	15	18	36	16	10	11
12	10	11	12	14	12	15	15	17	30	14	10	10
13	10	11	12	14	11	14	15	15	131	16	12	10
14	10	11	12	14	12	14	71	14	46	15	10	10
15	10	10	12	15	12	16	18	14	29	15	10	10
16	10	11	12	16	12	15	15	15	24	14	10	10
17	10	11	12	16	11	14	15	18	21	14	10	10
18	10	10	12	15	12	13	15	131	27	14	12	10
19	11	11	12	13	11	13	15	73	32	14	10	10
20	11	11	11	14	18	12	18	45	26	14	9	10
21	10	12	11	15	29	13	18	172	21	17	9	10
22	10	12	12	15	31	13	17	59	21	17	8	10
23	10	12	12	15	52	14	16	33	71	31	9	10
24	11	12	12	14	74	14	16	21	42	20	8	10
25	11	12	12	14	122	14	16	20	23	13	9	10
26	11	12	12	13	115	16	16	18	20	13	9	10
27	11	12	12	13	89	14	15	17	22	12	9	10
28	11	12	12	12	37	14	15	16	19	12	8	10
29	11	12	12	12	..	13	15	15	16	13	8	10
30	11	13	15	12	..	14	14	15	17	13	8	9
31	10	..	15	11	..	14	..	15	..	12	8	..
Mean	10	11	12	14	28	17	17	46	42	15	10	10
Max.	11	13	15	16	122	31	71	287	186	31	12	20
Min.	8	10	11	11	9	12	14	14	14	12	8	8
A.F.	595	657	758	887	1550	1020	1020	2840	2520	922	598	599

Total acre-feet 13970.

WHITE RIVER AT CRAWFORD—Sec. 3-31-52 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	22	29	20	15	39	30	36	23	15	14	12
2	14	22	33	20	15	39	30	30	24	14	11	11
3	14	22	29	20	15	36	30	28	24	14	12	11
4	14	21	25	20	15	36	30	27	23	14	10	12
5	14	25	20	20	15	36	30	29	22	19	10	12
6	15	22	35	20	15	35	30	34	30	14	8	14
7	15	22	30	20	15	34	29	32	36	14	6	15
8	17	21	20	20	15	34	29	32	28	16	5	15
9	17	22	25	20	28	35	28	29	25	17	5	15
10	17	23	24	20	35	35	28	29	22	17	6	15
11	16	18	25	20	35	32	27	29	22	19	8	15
12	17	22	25	20	35	35	27	28	21	17	8	16
13	16	22	25	20	35	36	30	29	25	16	8	15
14	17	23	25	20	35	35	31	29	29	18	8	15
15	17	23	20	20	35	35	30	29	23	17	12	14
16	20	24	25	20	35	38	29	31	21	14	12	13
17	20	24	30	20	35	36	25	29	21	15	12	12
18	20	29	25	20	35	33	26	27	22	17	16	13
19	20	27	25	20	35	32	27	25	23	17	37	14
20	19	33	25	20	35	31	25	26	22	15	16	13
21	19	30	25	20	35	31	26	43	20	13	14	12
22	18	28	25	20	35	31	25	31	19	14	11	11
23	19	31	25	20	43	31	23	30	20	14	10	12
24	18	29	25	20	50	31	23	29	19	13	9	12
25	18	25	25	20	45	31	24	25	16	14	8	14
26	19	28	25	20	44	31	24	24	15	14	8	14
27	18	30	25	10	41	31	24	24	16	13	8	15
28	19	35	25	10	37	31	24	23	16	12	12	15
29	34	43	25	10	..	30	24	27	17	14	14	17
30	31	36	25	10	..	30	35	38	14	33	13	16
31	23	..	25	10	..	30	..	21	..	18	12	..
Mean	18	26	26	18	31	34	27	29	22	16	11	14
Max.	34	43	35	20	50	39	35	43	36	33	37	17
Min.	14	18	20	10	15	30	23	21	14	12	5	11
A.F.	1130	1550	1580	1130	1710	2060	1630	1790	1310	974	683	813

Total acre-feet 16360.

BUREAU OF IRRIGATION

515

WHITE RIVER NEAR CHADRON—Sec. 19-33-49 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	15	14	12	25	510	46	160	35	22	24	16
2	5	13	10	12	25	500	54	70	37	18	14	14
3	7	12	12	12	25	450	55	53	33	16	8	13
4	7	12	35	12	25	400	50	39	24	14	6	13
5	4	12	55	12	20	400	48	33	24	55	6	14
6	3	14	65	12	20	350	46	61	31	50	7	48
7	3	13	50	12	20	350	45	58	220	24	7	53
8	6	11	38	12	15	300	43	55	133	22	8	26
9	8	24	40	12	15	300	45	52	69	25	7	19
10	9	17	40	12	15	300	55	45	56	23	9	12
11	4	11	36	12	15	250	50	40	49	57	8	9
12	4	13	40	12	15	250	44	37	41	34	9	8
13	4	12	27	12	15	250	40	36	27	14	7	11
14	12	10	30	12	15	200	45	36	127	56	10	12
15	11	11	24	12	15	200	47	37	40	55	13	10
16	14	11	18	12	15	200	51	40	28	57	10	7
17	17	11	13	12	15	200	54	66	22	31	9	5
18	21	10	12	12	15	150	51	58	20	28	11	14
19	22	10	10	12	15	150	49	37	22	27	27	15
20	10	13	11	12	15	150	50	39	22	25	43	15
21	10	13	11	12	15	135	54	295	35	22	22	14
22	10	9	12	12	15	120	51	350	31	20	19	14
23	10	12	12	12	15	110	46	116	28	20	14	14
24	10	12	12	12	15	107	34	94	31	21	13	12
25	10	12	12	12	380	73	30	69	28	21	11	6
26	10	12	12	15	560	86	33	58	27	20	12	6
27	9	12	12	15	540	72	31	40	26	18	10	3
28	10	12	12	15	515	65	31	30	32	18	11	4
29	11	12	12	15	..	58	29	26	58	17	14	4
30	16	12	12	15	..	52	36	37	47	20	16	7
31	31	..	12	15	..	49	..	36	..	37	16	..
Mean	10	12	23	13	87	219	45	72	47	33	13	14
Max.	31	24	65	15	560	510	55	350	220	137	43	53
Min.	3	3	10	12	15	49	29	26	20	14	6	3
A.F.	618	738	1410	774	4850	13460	2660	4430	2800	2000	794	827

Total acre-feet 35360.

WINTERS CREEK NEAR SCOTTSBLUFF—Sec. 30-22-54 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	130	68	65	60	56	51	48	46	17	17	51	75
2	115	68	65	59	56	50	46	42	18	24	49	84
3	112	67	64	60	53	49	46	57	27	32	51	92
4	109	65	63	60	52	59	46	51	27	27	44	96
5	108	65	61	60	51	56	46	48	30	20	42	96
6	104	66	61	60	49	54	45	85	72	33	46	111
7	97	67	59	60	47	53	45	40	55	40	51	102
8	94	66	58	60	47	55	44	44	43	55	40	107
9	94	66	58	58	46	54	44	44	59	45	49	112
10	95	65	58	59	46	53	44	36	72	70	51	107
11	93	66	58	59	48	51	44	30	81	68	58	103
12	84	65	61	60	50	50	44	24	69	59	65	109
13	81	65	62	59	48	49	44	33	73	55	63	97
14	81	65	63	59	47	49	44	38	45	55	66	97
15	80	65	64	59	46	48	44	48	50	51	71	105
16	77	64	63	59	47	47	45	51	59	61	77	104
17	78	66	64	59	48	46	46	48	65	53	76	100
18	78	64	65	59	49	47	46	51	67	44	78	110
19	77	64	65	59	48	46	46	63	64	39	80	81
20	77	63	63	59	48	47	45	64	48	50	75	65
21	76	62	61	59	48	46	44	61	39	49	85	65
22	75	62	61	59	50	48	42	58	22	53	68	57
23	73	65	60	59	51	49	40	58	17	51	57	60
24	73	63	60	59	51	51	40	56	20	52	54	74
25	71	69	60	58	52	52	40	53	20	61	53	78
26	72	68	61	58	53	52	40	42	20	62	54	75
27	71	66	61	57	53	52	40	27	20	61	67	77
28	70	65	61	56	52	52	39	42	14	63	75	82
29	79	65	61	56	..	52	40	48	13	66	69	85
30	71	65	61	56	..	52	53	33	12	148	67	95
31	69	..	60	55	..	50	..	19	..	58	72	..
Mean	86	66	62	59	50	51	44	46	41	52	61	90
Max.	130	69	65	60	56	59	53	85	81	148	85	112
Min.	69	62	58	55	46	46	39	19	12	17	40	57
A.F.	5280	3900	3780	3610	2760	3110	2620	2860	2460	3220	3780	5360

Total acre-feet 42740.

REPORT OF THE STATE ENGINEER

WOOD RIVER NEAR RIVERDALE—Sec. 31-10-16 W.
Water Year Ending September 30, 1949

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	3	2	2	60	10	5	4	8	1	1
2	1	1	3	2	2	35	10	6	14	6	1	1
3	1	2	3	2	2	30	10	5	9	5	1	1
4	1	2	3	2	2	50	10	4	5	6	1	5
5	1	2	3	2	2	45	11	5	2	7	1	8
6	1	2	3	2	2	30	12	8	23	13	1	32
7	1	2	3	2	2	25	11	5	729	14	1	29
8	1	2	3	2	2	22	10	15	297	62	1	77
9	1	2	3	2	2	21	10	12	346	37	1	30
10	1	2	3	2	2	13	11	10	713	29	1	38
11	1	3	3	3	2	9	10	9	41	87	1	226
12	1	2	3	3	2	8	9	8	18	36	1	20
13	1	2	3	3	2	8	12	6	15	23	1	7
14	1	2	3	3	2	8	18	5	174	18	1	2
15	1	2	3	3	2	8	14	5	28	17	1	1
16	1	2	3	3	2	8	12	6	22	13	1	1
17	1	3	3	3	2	8	10	6	15	12	1	1
18	1	3	3	3	2	8	7	42	13	10	7	1
19	1	2	2	2	2	8	6	17	70	5	3	1
20	1	2	2	2	2	8	6	9	103	2	2	1
21	1	2	2	2	2	8	6	28	36	4	1	1
22	1	2	2	2	13	10	6	26	22	12	1	1
23	1	2	2	2	125	10	6	11	16	11	1	1
24	1	2	2	2	219	9	6	7	11	6	1	1
25	1	2	2	2	219	8	6	8	8	3	1	1
26	1	2	2	2	254	10	5	5	7	2	1	1
27	1	2	2	2	162	17	5	4	8	1	1	1
28	1	2	2	2	95	12	5	4	124	1	1	1
29	1	2	2	2	..	9	5	3	46	1	1	1
30	1	2	2	2	..	10	5	4	13	1	1	1
31	1	..	2	2	..	12	..	4	..	1	1	..
Mean	1	2	3	2	40	17	9	9	98	15	1	16
Max.	1	3	3	3	254	60	18	42	729	87	7	226
Min.	1	1	2	2	2	8	5	3	2	1	1	1
A.F.	56	131	162	124	2220	1040	523	572	5830	902	88	973

Total acre-feet 12620.

BUREAU OF IRRIGATION

517

ARIKAREE RIVER AT HAIGLER—Sec. 28-1-41 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	24	16	17	12	29	16	25	10	0	8	41
2	4	18	17	11	12	32	15	22	7	0	43	40
3	6	13	17	8	17	34	20	24	5	0	25	37
4	6	11	14	3	20	34	34	22	19	4	12	23
5	2	11	14	3	32	32	28	45	20	1	16	15
6	2	12	15	4	42	32	23	82	12	4	27	15
7	2	12	14	4	50	8	19	75	7	2	15	14
8	2	14	8	4	43	6	16	106	10	7	20	13
9	5	17	8	4	25	9	17	54	7	16	14	9
10	164	17	10	2	23	9	15	50	9	16	64	9
11	41	17	9	2	20	6	12	46	9	18	105	11
12	28	20	6	3	27	7	13	31	6	14	29	17
13	23	19	2	10	15	7	14	29	17	12	73	23
14	16	17	1	20	15	13	13	27	18	17	38	29
15	17	16	2	19	23	20	13	25	14	12	5	308
16	17	14	2	7	34	16	19	19	12	2	2	26
17	17	13	2	13	30	13	38	15	10	5	2	24
18	15	12	4	15	26	20	25	13	6	2	7	20
19	20	12	12	11	27	11	15	13	9	8	13	17
20	23	12	17	20	28	40	14	13	9	12	13	26
21	19	12	6	35	29	41	14	12	8	19	12	18
22	24	14	4	47	26	46	12	11	8	17	12	14
23	19	18	4	46	32	38	11	5	7	7	17	13
24	19	17	4	33	29	23	8	3	4	4	12	12
25	22	15	5	27	31	20	12	4	1	9	135	10
26	15	14	9	16	28	20	17	28	0	14	920	11
27	15	13	9	11	28	25	17	28	0	14	56	12
28	17	13	8	12	26	18	10	26	0	16	56	13
29	19	14	11	16	..	16	19	26	1	18	296	16
30	24	13	20	17	..	14	28	18	2	22	50	16
31	26	..	20	13	..	17	..	13	..	26	46	..
Mean	20	15	9	15	27	21	18	29	8	10	69	28
Max.	164	24	20	47	50	46	38	106	20	26	920	308
Min.	2	1	2	2	12	6	8	3	0	0	2	9
A. F.	1250	881	568	895	1490	1300	1050	1810	491	631	4250	1690

Total acre-feet 16310.

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD—Sec. 5-20-52 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	65	39	32	32	25	26	25	16	8	5	26	54
2	63	38	32	31	25	26	26	17	16	4	24	49
3	54	38	32	30	25	26	26	18	32	6	24	36
4	49	38	33	28	25	26	26	20	33	10	31	30
5	48	36	35	27	27	26	24	28	32	11	31	34
6	47	37	34	27	26	26	26	16	32	11	42	34
7	48	37	34	28	26	26	27	20	35	8	35	32
8	45	37	32	26	26	26	26	17	39	8	32	35
9	45	37	32	26	25	25	27	17	39	6	28	38
10	52	37	32	26	26	26	28	30	37	6	26	47
11	42	38	26	27	26	26	26	15	19	8	27	38
12	39	36	30	26	27	27	24	12	8	10	26	42
13	39	37	30	25	28	28	22	13	8	23	22	41
14	39	37	29	26	28	28	22	14	8	22	19	41
15	39	38	29	25	28	29	22	16	7	16	20	47
16	39	38	29	26	28	28	21	15	7	12	18	66
17	39	35	29	28	28	27	21	15	5	8	18	91
18	40	35	29	28	27	26	20	6	6	11	19	79
19	40	35	28	29	27	26	20	2	10	12	23	69
20	41	34	28	30	26	28	22	2	9	11	22	80
21	40	32	28	30	26	28	22	3	7	18	19	76
22	39	32	28	30	26	28	23	6	6	44	15	80
23	40	32	28	28	27	28	23	5	7	58	11	78
24	40	32	30	28	26	28	22	5	11	62	15	73
25	40	32	30	26	26	28	17	13	10	61	32	68
26	40	32	30	26	26	27	16	15	8	58	117	68
27	39	31	30	26	26	27	15	15	11	59	62	71
28	41	30	32	26	26	26	16	19	7	55	46	70
29	41	32	32	26	..	26	15	19	5	46	45	64
30	41	32	34	26	..	26	16	13	6	36	49	62
31	39	..	32	26	..	26	..	8	..	26	45	..
Mean	44	35	31	27	26	27	22	14	16	24	31	56
Max.	65	39	35	32	28	29	28	30	39	62	117	91
Min.	39	30	26	25	25	25	15	2	5	4	11	30
A. F.	2680	2090	1880	1680	1460	1650	1320	850	926	1450	1920	3360

Total acre-feet 21270 A. F.

REPORT OF THE STATE ENGINEER

BEAR CREEK NEAR ELI—Sec. 25-34-36 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	7	7	5	3	18	16	22	9	6	4	3
2	3	6	6	4	3	19	18	27	10	4	4	3
3	3	5	6	3	3	22	22	30	11	5	4	3
4	3	5	8	3	3	19	22	34	9	5	4	3
5	3	6	6	3	3	18	31	10	7	5	4	3
6	6	6	5	3	3	18	36	25	6	5	4	3
7	7	6	5	3	3	13	27	40	6	4	3	3
8	5	6	6	3	3	8	25	54	5	3	3	3
9	4	6	7	3	3	3	10	23	71	5	3	3
10	17	6	7	4	3	10	20	96	5	3	3	3
11	16	7	6	3	3	10	23	130	4	4	4	3
12	11	6	6	3	3	10	25	82	4	4	4	3
13	10	6	6	3	3	10	30	70	4	3	4	3
14	8	6	6	3	3	10	30	46	6	3	8	3
15	8	7	7	3	3	12	27	33	8	4	7	3
16	8	6	7	3	3	13	24	27	8	3	6	3
17	7	6	6	3	3	13	22	23	9	3	5	3
18	6	7	6	3	4	10	21	19	10	5	5	3
19	6	7	6	3	11	10	20	19	9	8	4	3
20	7	7	6	3	12	10	19	16	9	8	4	3
21	6	8	6	3	12	10	17	16	8	8	4	3
22	6	8	6	3	18	10	15	15	7	6	3	3
23	4	8	5	4	12	10	15	14	6	6	2	3
24	5	8	4	3	10	10	15	13	7	6	2	3
25	5	8	5	3	11	10	11	13	7	6	2	3
26	5	8	4	3	14	10	10	13	7	5	3	3
27	5	8	5	3	17	10	9	13	5	4	4	3
28	5	8	4	3	17	10	10	13	4	4	4	3
29	5	8	4	3	..	12	10	14	4	4	4	3
30	5	8	5	3	..	15	14	11	3	4	6	3
31	7	..	5	3	..	15	..	10	..	4	4	3
Mean	6	7	6	3	7	12	20	33	7	5	8	3
Max.	17	8	8	5	18	22	36	130	11	8	8	3
Min.	3	5	4	3	3	8	9	10	3	3	2	3
A.F.	396	400	349	196	374	763	1200	2020	397	290	253	182

Total acre-feet 6820.

BEAVER CREEK NEAR BEAVER CITY—Sec. 23-2-23 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	15	16	11	6	30	20	19	102	8	254	34
2	21	15	16	11	6	35	20	19	105	9	116	34
3	18	15	16	10	7	45	21	19	110	11	128	31
4	14	14	16	5	7	50	21	19	42	10	75	28
5	14	14	13	5	8	44	20	20	36	42	62	27
6	13	14	12	3	8	42	19	22	32	78	217	26
7	13	15	11	4	8	30	19	19	29	17	536	24
8	13	15	11	6	8	25	19	20	27	9	274	25
9	15	15	12	8	8	25	19	20	25	17	85	25
10	20	15	11	9	8	20	19	20	22	88	202	26
11	23	15	12	9	9	20	19	20	21	63	254	25
12	26	15	14	9	9	20	20	21	19	72	178	24
13	18	15	13	9	9	15	20	22	18	377	82	22
14	25	15	12	10	9	20	20	21	18	650	70	21
15	31	15	13	10	10	25	19	48	16	179	78	20
16	19	15	14	10	11	35	21	31	16	64	68	20
17	22	14	15	10	12	30	22	21	14	53	78	19
18	30	15	16	8	13	27	21	21	14	46	68	18
19	24	15	18	6	14	26	21	102	13	111	60	18
20	20	15	19	6	14	25	21	60	14	150	54	17
21	17	15	17	8	14	28	21	35	13	70	46	16
22	16	15	15	8	14	34	20	17	12	116	48	15
23	17	16	13	10	15	28	20	14	12	238	54	16
24	17	16	12	10	17	26	20	13	11	154	48	16
25	17	16	12	9	18	33	19	12	10	62	42	14
26	16	16	12	9	20	27	19	12	10	637	40	13
27	16	16	11	7	22	24	19	13	10	945	38	13
28	16	16	11	5	25	23	19	467	9	476	44	13
29	16	16	11	5	..	23	19	602	9	431	198	12
30	16	16	11	5	..	21	20	214	8	302	78	12
31	15	..	11	5	..	21	..	70	..	302	38	..
Mean	18	15	13	8	12	28	20	66	27	187	117	21
Max.	31	16	19	11	25	50	22	602	110	945	536	34
Min.	13	14	11	3	6	15	19	12	8	8	38	12
A.F.	1140	900	820	480	650	1740	1180	4030	1580	11480	7170	1240

Total acre-feet 32410.

BUREAU OF IRRIGATION

519

BEAVER CREEK AT LORETTO—Sec. 26-21-7 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	41	48	52	51	45	91	130	82	66	47	74	50
2	41	49	52	50	45	75	117	77	1810	46	69	48
3	41	49	52	40	45	69	114	75	929	47	66	48
4	41	49	52	38	45	108	106	72	677	47	68	46
5	41	49	51	38	49	270	101	76	481	53	85	47
6	42	50	50	36	52	218	95	101	288	50	80	46
7	43	50	45	37	57	150	90	103	165	46	68	46
8	44	50	40	39	62	90	90	104	119	148	64	45
9	45	50	42	40	60	65	91	154	95	1620	61	45
10	59	50	54	37	58	60	83	167	80	353	62	45
11	72	50	53	34	58	60	85	136	72	119	65	45
12	58	51	50	37	59	63	84	114	66	616	200	47
13	52	53	47	37	50	63	83	133	60	165	153	51
14	47	52	44	32	57	63	82	124	64	103	191	91
15	47	51	44	34	63	75	79	102	86	94	177	119
16	47	50	45	34	63	100	77	91	73	584	113	138
17	47	50	48	36	61	174	77	88	64	1200	96	114
18	48	50	50	34	64	192	74	85	82	607	84	72
19	48	52	52	36	54	153	72	110	149	805	76	65
20	48	52	55	39	61	136	68	126	137	507	71	82
21	49	51	40	40	60	126	68	141	91	404	68	69
22	49	51	51	38	52	116	65	124	76	197	64	60
23	49	52	51	37	62	192	63	102	71	426	60	58
24	48	52	51	38	53	350	60	99	66	348	56	54
25	48	54	50	35	46	290	59	81	60	424	54	52
26	48	53	48	30	57	274	58	77	55	328	54	52
27	48	53	50	40	61	280	58	77	52	190	58	54
28	49	53	51	44	80	196	59	75	52	134	58	54
29	49	52	50	44	..	143	69	78	50	105	55	52
30	48	52	51	41	..	130	86	86	48	91	53	50
31	48	52	51	41	..	127	74	74	..	82	52	..
Mean	48	51	49	38	57	145	82	101	206	322	82	62
Max.	72	54	55	51	80	350	130	167	1810	1620	200	138
Min.	41	48	40	30	45	60	58	72	48	86	52	45
A.F.	2950	3030	3020	2360	3140	8930	4860	6210	12270	19800	5070	3660

Total acre-feet 75300.

BEAVER CREEK AT GENOA—Section 14-17-4 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	66	74	80	70	65	340	176	107	122	83	169	103
2	68	74	80	70	60	270	175	122	2220	82	157	102
3	68	78	80	45	55	240	176	118	4100	84	147	99
4	68	76	80	35	65	330	164	111	2070	85	141	95
5	68	79	80	85	70	680	157	110	1150	90	141	93
6	68	73	80	65	65	780	148	104	842	80	140	91
7	70	77	75	65	65	600	144	104	591	84	181	91
8	70	79	60	75	65	150	132	145	322	86	176	90
9	75	78	55	75	70	110	129	493	222	4160	140	86
10	87	78	75	70	75	100	126	379	171	3020	144	85
11	118	77	55	65	80	100	124	207	141	1780	141	86
12	80	78	60	65	100	120	122	194	124	2570	521	88
13	91	79	50	60	95	120	122	160	118	1690	892	85
14	84	77	75	60	70	130	121	145	117	773	446	89
15	82	79	100	60	80	140	119	164	118	321	253	90
16	77	80	95	60	75	160	115	152	122	243	269	93
17	76	82	90	60	65	250	114	125	149	1340	244	95
18	75	82	90	60	85	300	112	115	150	3410	179	110
19	76	82	85	65	80	322	111	118	155	10000	194	102
20	77	82	80	65	95	210	110	136	138	2160	191	96
21	79	82	70	65	95	180	107	144	174	965	142	98
22	77	83	75	70	90	157	106	157	157	929	130	96
23	77	83	85	70	95	243	106	168	122	1260	122	99
24	78	83	70	70	95	395	103	152	109	866	118	99
25	76	82	70	65	85	437	102	165	102	521	116	98
26	77	83	65	45	90	496	97	140	91	465	109	91
27	76	83	65	65	100	399	96	112	89	495	107	83
28	78	80	65	50	280	351	99	111	88	366	107	93
29	76	80	65	50	..	282	102	121	86	263	114	90
30	73	78	70	60	..	217	106	122	84	220	109	95
31	75	..	70	60	..	181	..	124	..	191	104	..
Mean	77	80	74	63	86	283	124	156	475	1248	198	94
Max.	118	83	100	85	280	760	178	493	4100	10000	892	110
Min.	66	74	50	35	55	190	96	104	84	80	104	85
A.F.	4730	4730	4550	3860	4780	17400	7380	9570	28250	76720	12190	5590

Total acre-feet 179750.

REPORT OF THE STATE ENGINEER

BIRDWOOD CREEK NEAR HERSHEY—Sec. 2-14-33 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	147	141	158	154	150	164	160	156	160	97	139	136
2	145	139	158	151	160	162	164	166	154	96	143	127
3	149	154	158	103	170	169	188	162	147	96	149	130
4	145	171	158	110	180	176	174	151	147	104	147	130
5	145	174	162	110	190	188	174	188	149	113	134	132
6	136	162	160	150	190	181	176	174	151	102	178	134
7	127	158	162	170	180	151	176	164	106	97	164	132
8	130	160	160	190	193	139	171	164	108	97	154	132
9	145	158	162	200	171	158	174	162	113	99	154	132
10	229	162	171	200	176	154	176	169	112	94	139	145
11	164	181	165	180	162	141	164	169	113	96	136	138
12	151	178	170	170	166	160	166	169	110	97	136	147
13	149	186	180	170	193	162	171	169	109	93	138	147
14	156	169	190	150	198	156	164	166	118	92	130	147
15	154	169	200	130	190	162	164	169	110	91	130	174
16	151	162	210	160	176	169	166	162	105	94	127	156
17	154	158	220	190	181	164	171	176	116	116	127	174
18	145	160	180	130	183	156	164	171	156	118	118	171
19	143	156	169	180	181	151	164	174	122	118	118	158
20	141	149	162	200	188	166	158	178	120	111	136	158
21	139	141	162	210	176	171	171	174	109	136	136	145
22	138	151	162	200	171	174	181	166	113	145	132	134
23	138	160	171	170	178	178	186	174	114	154	136	138
24	141	160	169	160	178	160	174	158	113	143	138	136
25	143	162	160	100	183	174	160	162	109	154	132	136
26	145	164	160	150	183	181	156	171	103	139	191	136
27	154	162	160	150	183	164	169	171	108	134	160	141
28	162	160	150	160	171	160	174	166	109	143	164	143
29	160	162	154	150	...	158	164	169	106	147	164	147
30	154	162	158	150	...	156	158	162	103	147	158	147
31	151	...	156	150	...	158	...	158	...	151	143	...
Mean	149	160	168	160	179	163	169	167	120	117	144	143
Max.	229	181	220	210	198	188	188	188	160	154	191	174
Min.	127	139	150	100	150	139	156	151	103	91	118	127
A.F.	9190	9540	10350	9810	9920	10020	10070	10290	7170	7170	8830	8530

Total acre-feet 110890.

BLACKWOOD CREEK NEAR CULBERTSON—Sec. 10-3-31 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	19	0	0	0	0	0	0	9	2	39	1
2	7	11	1	0	0	0	0	0	9	2	21	0
3	7	1	1	0	0	0	1	1	9	2	19	1
4	6	1	1	0	0	1	1	14	11	1	20	2
5	5	1	0	0	0	1	0	12	13	1	16	2
6	7	1	0	0	0	1	0	5	13	2	16	2
7	7	1	0	0	0	0	0	4	6	1	23	2
8	5	1	0	0	0	0	0	6	3	2	19	2
9	6	1	0	0	0	1	0	16	3	2	11	2
10	10	1	0	0	0	0	0	4	2	1	7	2
11	11	1	0	0	0	0	0	6	2	23	5	3
12	11	1	0	0	0	0	0	8	3	17	2	2
13	12	1	0	0	0	0	0	7	2	14	2	1
14	14	1	0	0	0	1	0	8	1	9	2	2
15	15	1	0	0	0	1	0	10	0	4	1	34
16	12	0	1	0	0	1	1	9	0	3	0	19
17	10	0	1	0	0	0	0	10	2	5	1	17
18	12	0	1	0	0	0	0	11	2	3	0	19
19	16	0	1	0	0	0	0	7	1	1	2	18
20	11	0	1	0	0	0	0	6	1	2	3	20
21	10	0	1	0	0	0	0	9	1	1	3	19
22	11	0	1	0	0	0	0	11	0	1	2	15
23	12	0	1	0	0	0	0	10	0	0	1	15
24	14	0	1	0	0	0	0	12	0	23	0	12
25	15	0	1	0	0	0	0	10	0	308	1	9
26	16	1	1	0	0	0	0	10	0	34	2	7
27	15	1	0	0	0	0	0	11	0	12	1	8
28	15	1	0	0	0	0	0	16	1	22	2	3
29	15	1	0	0	0	0	0	22	1	22	9	0
30	14	1	0	0	0	0	0	10	2	28	3	2
31	15	...	0	0	0	0	0	9	...	95	4	...
Mean	11	2	0	0	0	0	0	9	3	21	8	8
Max.	16	19	1	0	0	1	1	22	13	308	39	34
Min.	3	0	0	0	0	0	0	0	0	0	0	0
A.F.	670	93	33	14	22	27	21	542	192	1270	468	480

Total acre-feet 3830.

REPORT OF THE STATE ENGINEER

BLUE RIVER, BIG, AT BARNSTON—Sec. 13-1-7 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	350	321	212	226	186	480	370	285	4100	338	551	362
2	200	312	282	250	244	717	323	509	4420	310	539	332
3	284	304	246	328	208	1080	292	362	3210	250	473	333
4	248	310	230	190	223	1610	326	476	1880	308	509	280
5	284	281	238	158	204	1970	321	1050	1290	260	509	290
6	245	231	202	196	220	2420	285	674	954	378	437	298
7	272	256	224	239	238	2810	282	842	847	286	362	304
8	292	242	206	295	234	2050	203	1900	745	284	352	282
9	297	186	214	168	232	1120	324	14300	716	2700	358	253
10	1490	306	216	168	250	800	232	20000	672	7610	372	263
11	1820	279	208	194	289	567	229	9580	624	5450	533	261
12	1460	282	212	220	199	451	242	3530	456	10500	839	258
13	930	282	218	222	234	420	238	4450	346	15600	1180	238
14	1070	272	208	218	216	430	267	4940	421	10600	1860	196
15	1440	269	144	192	316	498	233	3910	424	6770	4200	266
16	1120	266	212	211	173	434	200	1960	440	5150	3260	265
17	850	195	225	166	237	442	209	951	849	5210	1920	206
18	654	273	213	201	224	359	259	938	903	6170	2500	310
19	568	249	228	161	258	355	215	992	791	6110	3030	304
20	553	232	254	219	245	360	191	914	586	3110	2070	298
21	518	252	220	185	440	296	281	1020	640	1800	1220	1310
22	502	259	164	222	572	358	189	846	659	1620	986	1660
23	446	270	158	192	570	360	290	706	567	1560	867	2510
24	486	208	211	220	578	386	300	647	576	1560	738	2430
25	474	244	166	212	566	532	223	1800	678	1330	678	1400
26	458	236	222	194	446	614	243	1000	582	962	832	783
27	360	258	210	209	409	445	295	1030	542	808	1010	654
28	363	300	212	222	496	442	348	843	435	706	3090	581
29	352	244	200	254	...	388	300	4010	306	674	1490	1870
30	322	253	175	228	...	313	298	5870	280	542	596	1100
31	326	...	241	186	...	364	...	4400	...	497	470	...
Mean	614	262	212	211	311	770	266	3056	998	3208	1214	663
Max.	1820	321	282	328	578	2810	370	20000	4420	15600	4200	2510
Min.	200	186	144	158	173	296	189	285	280	250	352	196
A.F.	37750	15610	13030	12980	17270	47350	15840	187900	59380	197300	74640	39470

Total acre-feet 718520.

BLUE RIVER, LITTLE, NEAR ENDICOTT—Sec. 6-1-3 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	168	187	164	195	160	197	160	160	1300	234	410	208
2	166	181	166	185	160	162	160	158	1760	210	380	198
3	164	185	160	150	160	185	160	156	970	187	488	185
4	160	183	168	150	160	170	160	154	598	170	671	180
5	158	181	150	130	160	178	160	273	477	164	650	179
6	156	178	150	140	160	176	160	656	397	162	415	172
7	140	178	150	130	132	174	160	339	352	172	332	165
8	154	178	150	140	150	160	160	300	317	168	313	162
9	152	178	150	150	150	160	160	4050	295	7420	288	172
10	1170	178	170	150	150	160	160	1190	275	4050	907	170
11	2420	178	174	150	150	160	160	604	261	3650	809	174
12	2420	178	130	150	150	160	160	810	250	9490	2180	179
13	754	176	100	150	150	160	160	458	239	6890	1290	179
14	500	176	110	150	150	160	160	329	230	2820	961	179
15	400	181	120	150	150	160	160	282	219	1050	757	186
16	339	174	150	150	170	208	160	254	214	774	480	244
17	307	170	160	150	170	197	160	232	510	430	572	250
18	284	148	170	150	170	204	160	219	1770	8300	746	306
19	279	164	185	150	170	193	160	302	514	5030	450	298
20	259	185	183	150	170	183	160	232	359	1850	348	1590
21	252	170	150	150	170	172	160	230	282	1000	310	8050
22	241	170	150	160	170	160	160	212	245	792	286	8430
23	230	170	150	174	195	160	160	228	252	656	266	5210
24	219	168	150	187	195	160	160	193	232	572	252	5610
25	212	168	150	150	158	160	160	805	364	536	250	2070
26	208	164	150	150	158	160	160	445	282	746	240	977
27	210	164	150	150	195	160	160	329	225	722	1280	750
28	206	166	160	150	193	160	160	250	219	548	341	715
29	193	164	160	150	...	160	160	2670	208	470	296	1240
30	191	164	170	150	...	160	160	6250	185	430	252	827
31	189	...	193	150	...	160	...	1230	...	402	223	...
Mean	416	174	155	153	163	170	160	774	460	2068	563	1308
Max.	2420	187	193	195	195	208	160	6250	1770	9490	2180	8430
Min.	140	148	100	130	132	160	160	154	185	162	223	162
A.F.	25590	10320	9510	9400	9080	10470	9520	47600	27370	127100	34600	77860

Total acre-feet 398420.

BUREAU OF IRRIGATION

523

BUFFALO CREEK NEAR HAIGLER—Sec. 20-1-40 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	8	9	11	9	11	10	10	10	6	12	14
2	8	9	9	10	9	11	11	10	10	6	11	14
3	9	9	9	11	9	11	14	12	10	6	12	13
4	9	9	10	14	9	10	13	12	10	6	11	12
5	9	9	12	15	9	10	11	17	9	7	11	12
6	9	8	10	12	9	11	10	13	8	7	13	12
7	9	8	10	10	9	8	10	16	5	7	14	11
8	10	9	10	10	10	5	11	21	3	9	58	11
9	11	8	10	10	10	10	10	11	3	10	48	10
10	13	8	10	10	10	10	9	11	3	8	50	10
11	10	8	10	10	10	9	11	12	4	8	90	10
12	10	8	10	10	10	11	10	11	6	7	20	10
13	10	8	10	10	10	12	11	11	4	6	16	10
14	10	8	10	10	13	10	11	11	5	11	15	11
15	10	8	10	9	11	9	10	12	5	10	13	28
16	10	8	10	9	11	9	11	12	7	9	12	19
17	10	8	10	9	11	11	12	11	6	8	13	13
18	10	8	9	9	12	11	9	12	11	8	13	10
19	10	8	9	9	12	12	11	11	8	8	13	9
20	9	8	9	9	11	12	9	11	11	8	13	10
21	8	8	10	9	11	12	11	11	4	8	13	10
22	8	8	10	9	11	12	12	12	3	8	13	9
23	8	8	10	9	11	12	10	12	4	8	13	9
24	8	9	10	8	12	11	10	11	4	8	13	9
25	8	8	10	9	12	11	10	11	4	8	13	9
26	8	8	10	9	11	11	10	13	5	7	15	9
27	8	9	10	9	11	11	12	12	5	6	15	9
28	8	9	11	9	11	12	10	11	5	4	15	10
29	8	9	11	9	..	11	11	11	6	6	14	10
30	8	9	11	9	..	12	10	11	6	15	14	10
31	9	..	11	9	..	11	..	11	..	17	14	..
Mean	9	8	10	10	10	11	11	12	6	8	20	11
Max.	13	9	12	15	13	12	14	21	11	17	90	28
Min.	8	8	9	8	9	5	9	10	3	4	11	9
A.F.	564	509	612	601	582	654	636	739	363	497	1210	677

Total acre-feet 7640.

BUFFALO CREEK NEAR DARR—Sec. 28-11-22 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	23	0	0	0	0	0	0	0	5	2	6	15
2	23	0	0	0	0	0	0	0	2	4	4	20
3	20	0	0	0	0	0	0	0	1	6	4	15
4	10	0	0	0	0	0	0	0	2	4	4	18
5	7	0	0	0	0	0	0	0	8	4	3	21
6	3	0	0	0	0	0	0	0	6	4	1	15
7	0	0	0	0	0	0	0	0	4	4	1	9
8	0	0	0	0	0	0	0	0	1	1	0	14
9	0	0	0	0	0	0	0	0	0	63	8	20
10	0	0	0	0	0	0	0	0	1	13	4	23
11	0	0	0	0	0	0	0	0	1	5	0	26
12	0	0	0	0	0	0	0	0	1	5	3	24
13	0	0	0	0	0	0	0	0	0	3	6	24
14	0	0	0	0	0	0	0	0	3	1	7	24
15	0	0	0	0	0	0	0	0	0	3	6	26
16	0	0	0	0	0	0	0	0	0	1	1	27
17	0	0	0	0	2	0	0	0	6	0	4	0
18	0	0	0	0	12	0	0	0	9	20	0	23
19	0	0	0	0	4	0	0	20	2	0	1	14
20	0	0	0	0	1	0	0	0	1	0	7	3
21	0	0	0	0	0	0	0	1	0	3	6	0
22	0	0	0	0	0	0	0	0	0	6	11	0
23	0	0	0	0	0	0	0	0	0	1	9	0
24	0	0	0	0	0	0	0	0	0	2	7	0
25	0	0	0	0	0	0	0	0	0	0	2	0
26	0	0	0	0	0	0	0	0	6	3	4	0
27	0	0	0	0	0	0	0	7	7	2	11	0
28	0	0	0	0	0	0	0	22	7	3	16	0
29	0	0	0	0	..	0	0	28	4	3	16	0
30	0	0	0	0	..	0	0	20	3	4	15	0
31	0	0	0	0	..	0	..	12	..	5	19	..
Mean	3	0	0	0	1	0	0	4	3	5	6	13
Max.	23	0	0	0	12	0	0	28	20	63	19	27
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	171	0	0	0	38	1	0	239	189	308	362	764

Total acre-feet 2070.

REPORT OF THE STATE ENGINEER

BUFFALO CREEK NEAR OVERTON—Sec. 20-9-19 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	2	4	2	2	7	4	4	98	42	22	92
2	18	2	4	2	2	6	3	4	84	39	29	104
3	22	2	4	2	2	5	5	4	75	36	25	83
4	22	3	3	2	2	5	6	4	52	34	21	75
5	22	3	3	2	2	5	5	5	47	55	20	61
6	22	3	3	2	2	6	4	7	67	54	15	60
7	18	3	3	2	2	5	4	6	51	57	24	80
8	11	4	3	2	2	5	5	7	33	58	34	83
9	7	4	3	3	2	5	6	6	28	62	25	53
10	7	3	3	3	2	5	5	6	24	56	45	52
11	7	3	3	3	2	5	5	6	17	96	58	55
12	7	4	2	4	3	3	4	5	13	72	80	73
13	4	4	2	3	2	3	4	4	12	51	90	80
14	4	3	2	3	2	4	4	4	18	46	93	74
15	4	3	2	3	2	3	5	4	14	31	95	66
16	4	3	2	3	2	3	6	3	16	21	63	62
17	4	3	3	4	2	3	6	3	34	17	54	70
18	3	3	3	3	3	5	6	5	29	16	32	85
19	4	4	3	4	2	5	8	8	64	18	33	84
20	4	4	3	4	10	5	4	36	79	28	74	90
21	3	4	2	4	10	5	4	77	43	48	60	91
22	3	3	2	4	10	5	4	68	42	40	31	81
13	3	3	3	4	10	5	4	59	32	39	24	68
24	3	4	2	4	19	5	4	47	28	47	23	53
25	3	4	2	3	14	5	4	25	25	47	29	49
26	3	4	2	3	10	5	3	8	16	34	35	48
27	3	4	3	2	9	5	3	5	15	24	39	58
28	3	4	2	2	7	5	3	41	25	28	78	62
29	3	4	2	2	.	7	4	90	49	26	92	68
30	3	4	2	2	.	5	4	110	50	21	106	74
31	2	.	2	2	.	5	.	121	..	19	100	..
Mean	8	3	3	3	5	5	4	25	39	41	50	71
Max.	22	4	4	4	19	7	6	121	98	96	106	104
Min.	2	2	2	2	2	3	3	3	12	16	15	48
A.F.	480	192	171	182	291	295	266	1540	2340	2500	3070	4230

Total acre-feet 15560.

BUFFALO CREEK—Sec. 33-9-18 W.
Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	4	173	47	17	105
2	4	121	38	23	113
3	4	102	38	28	115
4	4	86	36	22	83
5	5	48	41	19	72
6	6	67	59	17	54
7	6	76	56	14	54
8	10	52	64	25	84
9	9	29	70	29	74
10	9	27	67	19	39
11	8	22	58	59	43
12	7	18	136	47	47
13	7	16	66	98	73
14	6	13	47	95	78
15	5	19	44	106	69
16	6	17	31	102	60
17	7	15	22	67	55
18	6	32	20	36	73
19	6	25	17	36	93
20	7	85	17	38	94
21	44	73	80	91	99
22	95	38	78	54	88
23	73	40	41	28	80
24	62	29	41	24	65
25	48	25	55	24	44
26	24	23	47	30	42
27	15	17	32	32	36
28	20	18	25	35	55
29	134	23	28	88	60
30	158	47	26	101	70
31	163	..	22	135	..
Mean	31	46	47	50	71
Max.	163	173	136	135	115
Min.	4	13	17	14	36
A.F.	1910	2730	2870	3050	4220

CEDAR CREEK—Sec. 11-18-48 W.
Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	20	16	2	23	4
2	20	16	2	23	4
3	8	16	2	21	3
4	7	15	2	22	4
5	9	16	2	20	4
6	5	16	2	20	4
7	5	1	2	20	4
8	18	1	3	7	4
9	17	1	3	8	3
10	8	1	3	7	4
11	8	0	4	7	4
12	9	3	3	6	4
13	8	3	3	6	4
14	8	3	3	5	4
15	8	2	7	5	3
16	8	2	7	5	3
17	3	2	8	5	2
18	3	20	8	5	2
19	3	20	13	5	3
20	3	24	12	8	3
21	3	4	13	8	3
22	3	3	15	8	2
23	3	3	17	8	2
24	3	3	18	4	4
25	3	2	19	4	8
26	4	2	2	4	8
27	3	2	2	4	8
28	3	2	2	4	7
29	4	1	2	4	7
30	12	3	2	4	7
31	11	..	2	4	..
Mean	7	7	6	9	4
Max.	20	24	19	23	8
Min.	3	0	2	4	2
A.F.	460	400	370	560	250

BUREAU OF IRRIGATION

525

CALAMUS RIVER NEAR BURWELL—Sec. 8-21-16 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	270	286	270	300	270	289	429	313	289	252	270	273
2	279	282	273	250	270	282	486	326	308	305	270	273
3	279	282	273	130	280	279	494	326	362	298	270	273
4	282	276	273	160	280	276	459	326	424	302	276	267
5	286	276	273	230	300	289	404	336	494	315	279	264
6	282	286	276	240	330	280	396	350	424	295	273	261
7	292	298	279	280	350	200	373	354	354	302	326	258
8	295	292	260	260	360	200	362	392	318	305	312	258
9	292	292	260	270	340	250	350	376	298	376	340	252
10	322	295	230	290	320	280	358	376	279	318	336	261
11	326	298	200	290	230	280	354	362	276	286	318	279
12	308	302	130	290	180	280	358	354	282	292	340	292
13	298	302	220	280	220	290	354	340	282	298	322	295
14	286	302	270	230	220	320	347	322	350	289	329	295
15	282	305	300	200	210	360	340	308	343	292	326	336
16	286	302	290	250	220	360	336	326	332	295	298	369
17	282	298	310	270	230	380	336	336	332	295	282	350
18	279	298	310	240	270	400	336	365	350	312	286	326
19	279	298	290	260	260	400	329	362	318	347	292	308
20	282	282	270	260	286	373	322	380	305	318	289	322
21	282	276	280	320	289	318	322	362	276	308	292	392
22	279	273	290	330	279	350	326	350	264	298	292	392
23	276	270	300	330	279	404	329	340	252	315	292	408
24	276	273	300	280	279	442	329	332	240	282	289	388
25	276	261	290	150	279	454	322	322	240	286	282	376
26	273	270	280	200	276	559	312	326	243	279	312	358
27	276	270	290	220	279	429	308	329	246	282	326	340
28	282	273	310	230	289	349	326	336	246	282	315	336
29	282	270	290	240	...	332	322	339	240	282	312	336
30	279	270	280	250	...	373	315	315	235	279	295	347
31	279	290	280	260	...	396	315	295	...	276	282	...
Mean	295	285	273	251	274	338	358	341	307	299	301	316
Max.	326	305	310	330	360	559	494	392	494	376	340	408
Min.	270	261	130	130	180	200	308	295	235	252	270	252
A.F.	17550	16970	16770	15450	15220	20760	21290	20970	18250	18370	18490	18810

Total acre-feet 218900.

CEDAR RIVER NEAR SPALDING—Sec. 5-20-10 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	107	124	124	147	100	117	273	153	161	125	168	139
2	116	122	124	130	100	117	270	139	224	124	147	149
3	116	118	123	75	110	123	322	162	271	162	130	139
4	106	122	126	60	120	135	238	171	230	162	138	146
5	114	122	123	55	130	143	223	166	256	166	150	134
6	92	126	135	80	130	164	195	166	324	150	148	134
7	139	129	137	80	140	116	180	173	327	138	162	137
8	113	131	139	75	140	110	178	180	289	265	149	137
9	117	129	138	75	160	95	169	278	209	545	143	131
10	152	124	137	75	160	75	151	264	168	312	180	132
11	154	129	135	75	100	90	203	209	156	326	180	138
12	128	131	120	75	113	90	151	254	157	623	195	126
13	120	126	190	70	120	100	146	244	123	628	191	123
14	117	126	80	75	120	100	168	207	137	524	186	131
15	117	126	95	75	115	110	150	194	170	472	192	142
16	116	129	110	80	113	140	170	148	150	532	188	183
17	118	123	150	85	122	190	174	153	140	543	221	182
18	118	128	150	85	118	200	155	188	173	499	237	165
19	123	131	150	85	110	210	161	240	187	521	321	134
20	122	131	136	90	128	190	157	277	171	352	297	212
21	124	128	136	100	114	170	146	200	179	317	285	173
22	124	132	120	100	111	175	144	272	194	306	247	199
23	124	132	120	100	110	195	154	244	206	388	209	208
24	122	137	100	80	108	215	154	258	187	316	156	243
25	123	135	110	70	117	230	145	208	176	285	184	238
26	123	134	110	75	113	232	144	193	148	264	151	299
27	126	122	120	70	131	292	142	183	130	224	160	304
28	126	103	120	100	124	378	148	179	119	186	160	236
29	124	124	120	95	...	395	166	192	94	259	140	245
30	122	123	130	90	...	343	170	163	116	159	152	207
31	120	...	148	90	...	273	...	174	...	178	148	...
Mean	121	127	125	84	121	178	178	201	186	324	184	176
Max.	154	137	150	147	160	395	322	278	327	628	321	304
Min.	92	103	80	55	100	75	142	139	94	124	130	123
A.F.	7460	7540	7690	5190	6700	10930	10610	12360	11060	19940	11300	10450

Total acre-feet 121230.

REPORT OF THE STATE ENGINEER

CEDAR RIVER NEAR FULLERTON—Sec. 4-16-6 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	173	188	186	120	160	380	422	222	290	147	305	225
2	168	179	194	120	160	250	419	222	1570	164	290	225
3	164	186	198	100	160	200	442	228	482	479	276	228
4	158	188	194	70	160	250	448	228	332	320	264	220
5	162	188	194	85	170	470	386	281	320	250	293	214
6	170	196	209	110	160	420	371	287	332	253	267	214
7	170	198	200	130	180	320	368	287	338	233	284	201
8	166	198	150	150	190	220	362	497	390	378	273	201
9	194	194	100	170	200	180	365	1150	380	5780	281	206
10	211	196	100	180	200	180	359	371	329	1750	287	201
11	236	194	80	170	210	270	356	308	281	1870	308	201
12	228	196	80	160	200	300	311	317	230	5320	998	209
13	222	194	60	160	190	300	317	320	230	1410	647	225
14	201	188	60	150	180	320	293	329	236	1150	409	211
15	198	188	120	120	190	320	273	296	261	971	353	225
16	198	184	120	120	190	330	281	267	258	1620	290	244
17	196	179	140	120	210	380	278	250	244	2820	281	230
18	201	194	160	130	220	390	267	228	441	3920	244	270
19	204	194	180	130	210	320	230	422	261	6430	344	255
20	198	181	190	140	210	280	236	341	276	1110	338	236
21	196	175	160	160	240	280	241	317	241	908	371	239
22	196	191	150	170	230	280	241	299	228	678	359	270
23	191	196	170	190	220	320	225	329	217	895	329	250
24	188	198	180	190	230	620	220	308	239	721	320	258
25	196	196	210	190	210	560	222	332	217	626	267	273
26	198	201	170	140	200	460	201	353	214	558	247	293
27	191	196	140	150	220	415	179	302	198	473	270	296
28	186	194	130	150	430	390	196	311	179	435	431	350
29	186	186	110	150	...	452	211	335	173	386	332	341
30	191	175	110	150	...	448	225	323	164	359	255	311
31	191	...	110	150	...	428	...	296	...	353	...	...
Mean	191	190	147	143	205	346	298	334	318	1380	337	244
Max.	236	201	210	190	430	620	448	1150	1570	6430	998	350
Min.	158	175	60	70	160	180	179	222	164	147	225	201
A.F.	11760	11320	9030	8780	11370	21290	17740	20540	18940	84830	20700	14520

Total acre-feet 250820.

CENTER CREEK AT FRANKLIN—Sec. 36-2-15 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	5	4	3	3	3	5	6	5	1	1	1
2	3	5	4	2	3	3	6	6	5	2	1	1
3	3	5	4	3	3	3	6	6	5	1	1	1
4	3	5	4	3	3	3	6	6	5	2	1	1
5	4	5	5	4	4	4	6	6	4	1	1	1
6	4	5	4	4	5	4	6	6	3	2	1	1
7	4	5	4	5	4	4	6	6	3	3	3	2
8	4	5	4	5	4	3	5	6	6	2	2	2
9	6	5	4	5	4	2	5	6	3	3	2	2
10	5	5	5	5	3	3	5	6	3	3	2	2
11	2	5	4	5	3	3	6	6	3	2	2	2
12	3	5	4	5	3	3	6	6	3	2	2	2
13	3	5	4	4	3	2	6	6	3	2	2	2
14	4	5	4	4	3	4	6	6	5	2	2	2
15	4	5	5	5	3	6	6	6	5	3	2	2
16	4	5	4	5	4	6	6	6	5	3	2	2
17	4	4	5	5	4	7	6	6	5	2	1	2
18	4	3	5	4	4	6	6	6	2	1	1	2
19	4	3	4	4	4	6	6	6	2	1	1	481
20	4	3	1	5	5	6	5	5	2	1	1	839
21	4	4	2	6	6	6	5	5	2	1	1	60
22	4	4	4	5	4	7	6	6	1	1	1	12
23	4	4	4	5	4	6	6	5	1	2	1	2
24	4	4	4	4	3	6	6	7	1	2	1	2
25	5	4	4	2	3	6	5	7	0	2	2	2
26	5	4	4	3	3	6	5	7	1	3	2	2
27	5	4	4	3	4	6	5	7	1	2	1	2
28	5	5	4	4	3	6	5	7	1	2	1	4
29	5	4	5	3	.	6	7	7	1	2	1	5
30	5	5	4	3	.	6	6	7	1	2	1	3
31	5	.	4	3	.	5	.	6	.	1	1	.
Mean	4	4	4	4	4	5	5	5	2	2	1	48
Max.	6	5	5	6	6	7	7	7	5	3	3	839
Min.	2	3	1	2	3	2	5	5	0	1	1	1
A.F.	243	269	250	250	203	292	323	358	150	105	87	2860

Total acre-feet 5390.

BUREAU OF IRRIGATION

CLEVELAND DRAIN—Sec. 6-20-52 W.
Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	1	14	2	10	19
2	2	36	2	6	14
3	1	32	3	12	14
4	1	31	2	8	7
5	2	29	3	10	7
6	3	18	12	12	7
7	3	20	14	13	7
8	13	26	15	16	14
9	12	22	15	24	15
10	11	11	12	25	24
11	15	10	15	21	26
12	8	15	11	14	27
13	7	11	11	13	22
14	13	10	9	12	22
15	9	13	14	10	20
16	16	11	16	12	23
17	8	16	12	14	24
18	10	19	19	16	24
19	10	22	12	7	8
20	5	21	20	7	39
21	25	21	14	7	28
22	6	22	12	8	27
23	1	20	18	8	20
24	1	19	28	7	25
25	18	9	16	13	25
26	36	16	15	18	26
27	35	16	12	23	24
28	34	16	17	20	18
29	36	18	12	17	23
30	37	7	17	19	25
31	36	18	20	18	20
Mean	13	18	13	14	20
Max.	37	36	28	25	39
Min.	1	7	2	6	7
A.F.	820	1090	790	840	1200

DAWSON COUNTY DRAIN NO. 2
Sec. 25-10-23 W.

Water Year Ending September 30, 1950					
Day	May	June	July	Aug.	Sept.
1	1	2	4	8	8
2	1	2	4	7	8
3	1	2	4	8	8
4	1	2	4	9	7
5	2	3	4	9	8
6	3	3	4	10	8
7	2	3	4	11	8
8	3	3	4	11	8
9	2	3	4	9	8
10	2	3	4	10	7
11	2	3	4	10	7
12	1	4	4	10	7
13	2	4	4	10	7
14	2	4	4	10	7
15	2	4	4	10	7
16	2	4	4	10	7
17	2	4	5	10	7
18	2	32	5	12	6
19	2	5	7	12	6
20	2	5	6	11	6
21	2	4	32	10	6
22	1	4	6	10	6
23	1	4	5	9	6
24	1	4	6	9	6
25	1	4	7	9	5
26	1	4	6	9	5
27	2	4	7	9	5
28	2	4	6	10	5
29	4	4	7	9	5
30	2	4	7	8	5
31	2	4	7	8	5
Mean	2	4	6	10	7
Max.	4	32	32	12	8
Min.	1	2	4	7	5
A.F.	110	270	360	590	390

DAVIS CREEK NEAR COTESFIELD—Sec. 34-17-12 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	3	3	1	17	10	3	2	1	2	2
2	1	2	3	2	1	7	8	3	2	16	2	2
3	1	2	2	1	1	5	7	3	2	4	2	2
4	1	2	2	0	1	6	6	3	2	3	3	2
5	1	1	2	0	1	11	6	4	2	3	2	1
6	1	2	2	0	1	8	6	4	2	2	2	2
7	1	1	2	0	1	7	7	2	2	2	1	1
8	1	2	2	0	2	7	6	28	2	57	1	1
9	1	2	1	0	2	8	6	33	2	654	1	1
10	4	2	1	1	2	8	5	18	2	32	46	1
11	2	3	1	1	2	8	4	10	2	143	6	2
12	2	3	1	1	2	7	4	5	1	152	3	2
13	2	3	0	1	2	4	5	4	1	7	2	2
14	2	3	0	1	2	3	4	3	2	3	8	2
15	2	3	1	1	2	2	4	3	2	3	3	3
16	2	4	1	1	2	3	4	3	2	3	2	2
17	1	4	1	1	2	8	5	3	3	4	2	2
18	2	3	2	2	3	6	6	9	14	380	6	2
19	2	3	3	2	9	4	6	63	5	106	21	2
20	2	2	2	1	27	2	6	13	3	12	14	2
21	2	2	2	1	25	4	6	7	2	11	4	2
22	2	2	2	1	20	23	5	5	2	10	3	2
23	2	2	2	1	15	80	5	4	2	376	3	2
24	2	2	3	1	8	67	3	3	2	33	2	2
25	1	2	3	1	7	33	3	3	1	11	2	2
26	1	2	3	1	4	22	3	3	1	5	2	2
27	1	2	3	1	12	11	5	4	1	3	2	2
28	1	3	3	1	35	13	5	7	2	2	2	2
29	1	3	3	1	..	12	5	5	2	2	2	2
30	1	3	3	1	..	13	3	3	1	2	2	2
31	1	3	3	1	..	11	3	2	2	2	2	2
Mean	1	2	2	1	7	14	5	3	2	66	5	2
Max.	4	4	3	3	35	80	10	63	14	654	46	3
Min.	1	1	0	0	1	2	3	2	1	1	1	1
A.F.	86	136	122	65	375	831	311	520	137	4060	307	100

Total acre-feet 7050.

REPORT OF THE STATE ENGINEER

DISMAL RIVER AT DUNNING—Sec. 4-21-24 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	312	292	286	300	290	292	318	321	294	315	294	324
2	321	277	271	280	300	330	330	315	283	324	289	312
3	303	274	277	130	310	309	342	294	277	324	280	312
4	300	283	262	220	330	333	333	300	280	315	286	300
5	312	300	265	270	330	342	315	300	277	321	303	303
6	309	306	271	300	400	333	315	330	283	321	306	303
7	312	315	262	300	410	300	324	318	271	318	289	294
8	303	315	271	320	410	260	333	306	271	318	294	306
9	303	312	289	340	410	300	327	300	262	327	292	300
10	508	330	292	350	320	320	333	294	260	324	294	306
11	351	333	280	340	300	180	333	294	251	351	286	288
12	315	324	200	340	310	250	324	300	280	327	351	294
13	300	303	300	340	280	300	324	300	277	315	286	303
14	315	321	300	320	300	400	327	280	283	327	306	306
15	309	315	320	300	320	400	318	280	294	321	283	360
16	294	315	340	310	320	360	318	309	289	327	297	318
17	292	321	360	310	303	324	330	303	283	312	283	324
18	309	312	360	280	327	333	318	303	306	333	274	312
19	306	312	350	300	321	369	321	294	280	333	286	312
20	303	297	310	320	345	330	315	306	300	330	262	348
21	289	289	300	350	342	339	333	312	300	342	260	351
22	265	289	310	320	318	318	324	292	297	339	268	315
23	280	294	320	340	306	333	333	297	321	327	277	336
24	289	315	310	300	300	348	321	289	321	336	280	318
25	292	303	300	100	306	348	303	292	315	321	268	330
26	309	321	310	130	309	376	286	289	300	333	303	336
27	315	327	330	170	308	342	292	306	303	324	306	336
28	303	324	320	220	300	303	321	303	315	324	292	333
29	303	284	310	220	...	300	318	309	306	333	309	351
30	283	297	300	240	...	318	321	327	306	330	324	354
31	280	...	300	270	...	321	...	289	...	327	312	...
Mean	309	307	299	278	326	323	322	302	290	326	292	319
Max.	508	333	360	350	410	400	342	330	321	351	351	360
Min.	265	274	200	100	280	180	286	280	251	312	260	286
A.F.	19010	18270	18400	17120	18100	19860	19140	18550	17230	20070	17930	19010

Total acre-feet 222690.

DRIFTWOOD CREEK NEAR McCOOK—Sec. 12-2-30 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	0	0	0	0	0	0	1	2	0	42	1
2	5	0	0	0	0	0	1	1	3	0	26	1
3	2	0	0	0	0	0	1	1	3	0	20	1
4	1	0	0	0	0	0	1	1	4	2	10	1
5	2	0	0	0	0	0	0	2	4	3	8	1
6	2	0	0	0	0	0	0	1	4	6	261	1
7	2	0	0	0	0	0	0	3	2	10	3150	1
8	1	0	0	0	0	0	0	4	1	4	265	1
9	1	0	0	0	0	0	0	4	1	5	38	0
10	8	0	0	0	1	0	0	3	1	14	18	1
11	1	0	0	0	1	0	0	2	3	113	12	0
12	1	0	0	0	1	0	0	1	2	125	88	0
13	1	0	0	0	1	0	0	1	2	13	23	0
14	1	0	0	0	1	0	0	1	1	6	11	0
15	0	0	0	0	1	0	0	0	0	4	6	0
16	0	0	0	0	0	0	0	0	1	3	4	0
17	0	0	0	0	0	1	1	0	1	286	3	0
18	0	0	0	0	0	0	1	0	0	20	6	0
19	0	0	0	0	0	0	0	0	0	7	3	1
20	0	0	0	0	0	0	0	0	0	5	4	1
21	0	0	0	0	1	0	0	0	0	17	3	0
22	0	0	0	0	0	0	0	0	0	7	2	0
23	0	0	0	0	0	0	0	0	0	4	1	1
24	0	0	0	0	0	0	0	0	0	250	1	0
25	0	0	0	0	0	0	0	1	0	857	2	0
26	0	0	0	0	0	0	0	3	0	112	2	0
27	0	0	0	0	0	0	0	2	0	254	3	0
28	0	0	0	0	0	0	0	1	1	39	1	1
29	0	0	0	0	0	0	1	3	1	22	2	0
30	0	0	0	0	0	0	1	2	0	57	2	1
31	0	0	0	0	0	0	0	0	0	103	1	0
Mean	1	0	0	0	0	0	0	1	1	76	130	0
Max.	8	0	0	0	1	1	1	4	4	857	3150	1
Min.	0	0	0	0	0	0	0	0	0	0	1	0
A.F.	60	6	7	12	22	15	25	84	77	4670	7970	31

Total acre-feet 12980.

BUREAU OF IRRIGATION

529

DRY CREEK AT CAIRO, NEBRASKA—Sec. 18-12-11 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0
9	0	0	0	0	0	0	0	1	0	141	0	0
10	19	0	0	0	0	0	0	0	0	6	14	0
11	3	0	0	0	0	0	0	0	0	1	5	0
12	0	0	0	0	0	0	0	0	0	0	1	0
13	0	0	0	0	0	0	0	0	135	0	0	0
14	0	0	0	0	0	0	0	0	0	0	4	0
15	0	0	0	0	0	0	0	0	5	0	1	0
16	0	0	0	0	0	0	0	0	2	0	0	0
17	0	0	0	0	0	0	0	0	2	0	0	0
18	0	0	0	0	0	0	0	8	39	0	0	0
19	0	0	0	0	1	0	0	90	3	0	0	0
20	0	0	0	0	9	0	0	2	1	0	0	0
21	0	0	0	0	5	0	0	6	0	0	0	0
22	0	0	0	0	3	0	0	0	0	0	0	0
23	0	0	0	0	2	0	0	0	0	0	0	0
24	0	0	0	0	1	0	0	0	0	0	0	0
25	0	0	0	0	0	1	0	0	0	0	0	0
26	0	0	0	0	0	1	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	2	0	0	0	0	0	0	0
29	0	0	0	0	.	0	0	1	0	0	0	0
30	0	0	0	0	.	0	0	0	0	0	0	0
31	0	0	0	0	.	0	0	0	0	0	0	0
Mean	1	0	0	0	1	0	0	4	6	5	1	0
Max.	19	0	0	0	9	1	0	90	135	141	14	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	43	0	0	0	48	8	0	219	369	297	52	0

Total acre-feet 1040.

DUGOUT CREEK, UPPER

Sec. 20-20-50 W.
Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	1	17	7	20	10
2	1	14	7	18	10
3	1	18	8	13	8
4	1	8	4	12	11
5	1	41	7	34	10
6	1	33	6	33	9
7	1	38	9	40	13
8	1	29	5	16	12
9	1	10	6	11	11
10	1	8	7	11	11
11	1	5	7	9	35
12	1	4	4	11	43
13	1	4	8	14	38
14	1	4	8	17	35
15	40	4	10	13	39
16	36	5	11	14	39
17	3	9	19	14	54
18	3	17	18	14	58
19	3	7	19	12	62
20	19	12	24	13	59
21	50	17	33	9	56
22	34	14	78	14	53
23	5	17	42	13	43
24	5	14	73	13	43
25	26	12	58	16	39
26	26	12	50	9	60
27	41	7	66	8	76
28	45	7	58	9	49
29	48	6	58	5	17
30	25	5	26	6	5
31	25	.	20	5	.
Mean	14	13	25	14	34
Max.	50	41	78	40	76
Min.	1	4	4	5	5
A.F.	850	790	1520	880	2000

REPORT OF THE STATE ENGINEER

ELKHORN RIVER AT NELIGH—Sec. 20-25-6 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	149	180	182	180	120	220	2870	410	612	283	416	344
2	148	177	180	180	120	200	3170	435	713	268	380	326
3	153	171	184	140	120	190	3150	455	1100	276	350	312
4	146	175	178	170	120	240	2780	466	1690	271	326	296
5	151	175	178	160	120	600	2260	497	1510	288	318	278
6	158	175	186	130	130	900	1820	580	1220	281	318	259
7	162	178	175	110	140	600	1430	688	960	268	315	247
8	165	178	126	110	140	270	1220	910	772	259	324	242
9	167	178	126	120	140	190	1010	1280	632	347	324	236
10	218	182	188	120	140	150	925	1330	514	664	326	222
11	261	184	220	120	140	180	860	1310	432	1500	659	218
12	229	196	90	120	130	180	825	1160	363	1530	2090	211
13	213	201	150	120	120	190	845	1000	344	1500	1140	207
14	207	194	260	120	110	190	865	840	539	1560	1010	205
15	196	190	220	110	120	190	880	724	556	1680	1300	222
16	188	190	180	110	130	200	900	712	490	1680	1320	286
17	186	188	170	110	140	210	940	744	556	1490	1250	291
18	186	188	180	110	150	210	950	748	764	1350	1200	321
19	184	194	180	110	160	190	870	840	1020	1570	1050	371
20	201	192	170	120	170	180	752	1250	1120	1320	860	407
21	205	186	180	120	180	190	652	1580	1160	1360	696	448
22	196	186	180	120	180	220	580	1300	1210	1330	600	494
23	192	192	200	130	190	380	525	1060	1220	1910	536	584
24	186	198	190	120	200	1140	494	880	965	1470	462	696
25	186	198	160	120	190	1260	452	748	736	1260	413	760
26	186	198	170	110	190	1710	407	672	568	1060	383	772
27	186	194	160	120	200	2600	380	632	455	845	389	732
28	184	196	160	120	210	2400	368	596	386	744	374	696
29	182	190	180	120	...	1830	380	604	335	656	377	652
30	178	184	190	120	...	1960	401	708	307	550	386	616
31	177	190	120	...	...	2350	...	684	...	476	362	...
Mean	185	187	177	125	150	895	1132	824	776	969	654	398
Max.	261	201	260	180	210	2600	3170	1580	1690	1910	2090	772
Min.	146	171	90	110	110	150	368	410	307	259	315	205
A.F.	11360	11120	10880	7720	8330	42700	67360	51260	46150	59600	40230	23700

Total acre-feet 380410.

ELKHORN RIVER AT NORFOLK—Sec. 3-23-1 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	230	280	290	190	170	270	2800	582	1020	441	806	528
2	230	280	290	190	170	280	3100	592	1300	415	682	509
3	230	280	290	170	170	280	3100	639	2380	381	699	491
4	230	270	290	140	180	290	3000	671	2250	381	902	472
5	230	270	290	150	180	300	2500	694	1660	415	607	437
6	230	270	280	170	180	300	2000	740	1420	406	639	423
7	230	270	280	180	190	1000	757	1260	1090	394	519	381
8	240	280	270	210	190	400	1340	976	853	607	491	361
9	250	280	270	210	220	300	1300	1290	853	607	500	354
10	270	280	250	220	240	250	1200	1330	902	902	523	346
11	320	280	180	210	250	300	1080	1460	909	1110	523	346
12	300	290	160	210	250	300	1020	1410	856	1730	3340	346
13	280	290	170	200	250	300	1020	1340	775	1570	4830	338
14	270	280	180	170	250	300	1010	1270	740	1440	2280	346
15	270	280	210	140	240	300	1030	1070	1050	1560	3300	361
16	270	280	230	140	250	300	1040	990	936	1690	1950	402
17	270	270	210	130	260	330	1070	969	769	1840	1590	406
18	270	270	200	130	270	330	1080	997	1000	1790	1270	428
19	270	270	200	140	280	320	1050	1130	1160	5300	1190	454
20	280	270	190	140	280	300	1030	1170	1130	2810	1010	509
21	300	270	170	140	280	290	929	1690	1200	2980	850	547
22	300	280	160	150	280	340	825	1510	1260	2390	812	592
23	300	280	170	160	270	1000	763	1320	1360	2890	825	612
24	290	280	170	170	270	2710	746	1140	1300	2360	751	660
25	290	280	180	170	270	2160	682	1080	1120	1900	682	722
26	290	290	180	170	270	1790	628	983	902	1900	634	775
27	290	290	190	170	270	2080	612	915	751	1460	612	800
28	280	290	200	170	270	2270	562	863	607	1310	602	794
29	280	290	200	170	...	1880	582	850	547	1140	567	781
30	280	290	190	170	...	2000	597	876	491	1020	547	757
31	280	...	190	170	...	2500	...	1000	...	889	547	...
Mean	269	279	217	169	238	889	1307	1043	1104	1479	1149	511
Max.	320	290	290	220	280	2710	3100	1690	2380	5300	4830	800
Min.	230	270	160	130	170	250	562	582	491	381	491	338
A.F.	16560	16620	13350	10410	13190	54680	77740	64130	65710	90910	70660	30410

Total acre-feet 524370.

BUREAU OF IRRIGATION

ELKHORN RIVER AT EWING—Sec. 35-27-9 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	52	58	69	48	41	69	1700	224	281	145	176	133
2	52	58	68	46	41	82	1770	240	323	132	155	127
3	52	59	67	52	40	99	1690	246	385	128	143	119
4	52	61	66	49	39	120	1500	246	382	128	133	112
5	52	63	65	44	39	300	1320	279	375	133	130	104
6	53	66	67	38	43	450	1130	366	375	130	136	99
7	54	68	58	37	51	250	940	418	352	127	143	93
8	56	70	44	36	50	50	743	604	310	125	150	88
9	60	71	56	37	47	30	637	869	260	143	148	84
10	94	72	68	40	50	35	582	1010	222	192	143	81
11	84	74	67	38	53	35	541	971	197	323	160	80
12	80	73	46	36	50	35	543	883	177	421	304	78
13	80	72	64	37	48	35	543	716	162	538	442	78
14	70	72	65	40	58	35	553	372	162	700	478	78
15	62	72	61	42	56	37	598	478	157	781	498	92
16	57	72	61	42	53	39	660	438	165	719	536	113
17	57	72	61	44	54	38	690	440	184	601	538	127
18	59	72	62	41	56	37	669	416	281	526	517	141
19	60	71	63	36	58	35	570	553	464	505	462	150
20	64	71	64	35	60	34	483	770	538	498	390	157
21	72	70	61	33	63	33	418	626	687	526	327	167
22	70	70	59	30	65	84	368	522	886	567	283	204
23	67	70	54	29	69	200	312	469	784	615	250	258
24	65	70	53	30	63	540	277	406	575	550	216	301
25	64	70	51	31	66	590	250	366	418	471	186	343
26	62	70	49	32	66	600	224	352	292	392	177	370
27	61	70	47	34	67	1000	203	334	226	341	169	390
28	60	70	47	34	68	900	190	310	195	297	165	392
29	59	70	47	34	..	1050	194	314	172	260	158	373
30	58	70	47	36	..	1240	201	385	158	230	152	338
31	58	..	48	38	..	1550	..	352	..	197	143	..
Mean	63	69	58	38	54	311	683	490	338	369	258	176
Max.	94	74	69	52	69	1550	1770	1010	886	781	538	392
Min.	52	58	44	29	39	30	190	224	157	125	130	78
A.F.	3860	4100	3580	2340	3010	19100	40660	30100	20080	22690	15880	10450

Total acre-feet 175850.

ELKHORN RIVER AT WATERLOO—Sec. 21-16-10 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	525	543	582	420	400	2100	2650	1240	1230	935	1620	1250
2	525	534	567	380	400	1600	2780	1180	1300	894	1460	1210
3	529	534	553	290	410	1300	3060	1150	4870	861	1340	1180
4	529	520	553	350	410	1500	3120	1140	6110	829	1270	1150
5	520	534	538	370	410	4500	2980	1460	5820	905	2060	1020
6	538	529	520	370	420	13600	2550	1470	3250	775	2600	963
7	529	543	524	380	420	9300	2320	1430	2810	758	2130	907
8	520	538	500	400	470	2900	2080	1790	2530	775	1760	874
9	515	538	300	420	610	1330	1940	2230	2080	805	1960	861
10	676	548	320	440	610	1190	2020	2850	1700	811	1490	848
11	731	567	500	470	540	985	1790	2490	1490	835	1260	829
12	670	577	430	480	530	1200	1720	2530	1330	1430	3880	823
13	638	577	210	460	530	1200	1610	2410	1180	1820	8250	817
14	623	562	190	440	490	1200	1540	2290	1220	3000	7340	805
15	633	562	250	410	440	1170	1490	2120	1120	2930	8960	793
16	623	548	310	380	450	1110	1470	1840	1050	6400	7870	799
17	597	557	350	330	480	2170	1500	1590	1160	3770	6680	817
18	597	538	440	330	510	3680	1460	1470	1820	3710	5450	805
19	638	548	480	330	520	2810	1450	1430	3670	7270	4090	811
20	638	548	530	340	520	2500	1440	1520	3100	11000	3200	829
21	644	538	500	350	530	2410	1420	1730	2530	9300	2690	874
22	617	538	480	360	520	2130	1330	1780	2790	10600	2340	880
23	623	538	460	370	530	3310	1260	2040	2910	6250	2020	887
24	602	582	440	380	530	7340	1200	1930	2290	5360	1770	894
25	602	577	450	390	530	7670	1160	1780	2380	4910	1580	928
26	577	582	420	400	530	5130	1140	1560	2230	3500	1620	935
27	587	582	440	390	550	4260	1080	1500	1760	3200	1560	963
28	582	592	430	370	1900	4180	1060	1390	1350	2980	1510	1010
29	562	592	400	370	..	3380	1080	1360	1140	2370	1450	1030
30	548	577	420	380	..	2920	1200	1310	1020	2020	1370	1050
31	543	..	420	390	..	2620	..	1260	..	2030	1310	..
Mean	590	555	438	385	542	3306	1763	1720	2310	3320	3029	928
Max.	731	592	582	480	1900	13600	3120	2850	6110	11000	8960	1250
Min.	515	520	190	290	400	985	1060	1140	1020	758	1260	793
A.F.	36260	33000	26790	23640	30130	203300	104900	105800	137400	204200	186200	55220

Total acre-feet 1146840.

REPORT OF THE STATE ENGINEER

ELKHORN RIVER, SOUTH FORK, AT EWING—Sec. 2-26-9 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	31	31	41	27	26	33	495	64	193	70	103	117
2	31	36	44	26	26	22	381	62	238	67	88	117
3	33	39	42	26	30	37	238	76	395	62	85	110
4	32	36	46	26	30	41	177	88	549	62	85	102
5	32	40	46	25	30	52	143	82	529	62	85	92
6	31	41	46	25	29	54	143	78	395	55	85	86
7	32	42	30	25	29	29	135	82	255	50	92	80
8	31	36	20	25	27	20	121	215	181	76	99	76
9	31	41	30	30	27	25	150	226	135	226	103	72
10	73	40	45	25	28	38	143	234	103	358	121	68
11	46	42	35	25	26	36	121	189	73	495	128	64
12	39	40	25	25	21	35	128	158	62	554	165	60
13	39	34	30	25	17	37	131	146	73	616	158	58
14	39	33	35	27	28	38	173	117	99	616	209	52
15	39	41	35	29	35	40	173	78	103	575	349	73
16	40	40	34	30	37	42	158	110	185	480	442	64
17	39	40	32	30	39	42	121	110	189	423	466	73
18	36	40	32	30	31	37	121	117	185	437	409	128
19	35	40	32	30	35	34	103	238	165	418	295	177
20	39	43	31	30	37	38	88	399	234	358	213	189
21	43	53	31	27	30	38	64	340	226	340	158	185
22	38	52	30	25	32	39	62	247	173	340	124	201
23	39	48	30	20	34	95	64	177	124	308	92	264
24	32	44	30	20	35	170	53	154	95	242	78	308
25	33	47	29	21	36	250	46	146	78	209	73	295
26	38	48	28	22	38	475	55	135	73	189	78	238
27	39	48	28	23	39	600	58	124	70	173	78	189
28	38	50	28	24	40	514	52	123	70	177	92	162
29	41	47	28	24	..	432	76	131	67	177	131	158
30	38	50	28	25	..	455	70	131	67	162	131	167
31	37	..	28	26	..	428	..	177	..	143	113	..
Mean	38	42	33	26	31	136	135	154	179	275	159	134
Max.	73	53	46	30	40	600	495	399	549	616	466	308
Min.	31	31	20	20	17	20	46	62	62	50	73	52
A.F.	2310	2500	2040	1580	1730	8380	8020	9440	10680	18900	9770	7980

Total acre-feet 81330.

ELM CREEK NEAR AMBOY—Sec. 3-1-10 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	16	17	16	15	14	17	16	14	14	14	14
2	16	16	16	16	15	14	17	16	14	14	14	14
3	16	16	16	16	15	14	15	17	16	14	15	14
4	16	16	16	15	14	15	17	16	14	18	14	14
5	16	16	16	15	15	15	17	21	14	16	15	14
6	16	16	16	16	15	15	17	17	14	15	15	14
7	16	16	16	16	15	16	17	17	14	15	16	14
8	16	16	16	16	15	16	18	17	14	16	15	14
9	16	17	16	16	15	17	17	21	14	429	15	15
10	89	16	16	16	15	15	17	16	13	66	15	15
11	25	16	17	16	15	15	17	16	14	21	15	15
12	20	16	16	16	15	15	17	16	14	19	15	15
13	17	18	15	16	15	17	17	17	14	18	21	15
14	16	18	15	16	15	17	17	16	14	17	18	16
15	16	18	15	16	15	17	17	16	14	16	17	16
16	16	18	16	16	15	17	18	16	14	18	16	16
17	16	17	16	15	15	17	18	16	14	270	16	16
18	16	17	16	15	15	17	17	17	14	23	16	16
19	16	17	16	16	15	17	16	19	14	15	17	19
20	16	17	16	16	15	17	16	19	14	14	17	1320
21	16	17	16	16	14	17	16	18	14	13	17	92
22	16	17	16	16	14	17	16	17	14	12	16	30
23	16	17	15	18	14	17	16	16	31	13	16	24
24	16	17	15	15	14	17	17	16	14	14	17	21
25	16	17	15	15	14	17	16	16	14	16	16	19
26	16	17	16	15	14	18	16	17	14	14	18	19
27	16	17	16	15	14	17	16	17	14	14	27	19
28	16	17	16	16	14	17	16	17	14	14	16	18
29	16	17	16	15	..	17	16	36	14	14	14	18
30	16	17	16	15	..	17	16	26	14	14	14	18
31	16	..	16	15	..	17	..	17	..	14	14	..
Mean	19	17	16	16	15	16	17	18	14	39	16	68
Max.	89	18	17	16	15	18	18	36	31	429	27	1320
Min.	14	16	15	15	14	14	16	16	13	12	14	14
A.F.	1150	998	976	960	813	1000	996	1100	865	2380	992	3740

Total acre-feet 15970.

BUREAU OF IRRIGATION

533

ELM CREEK NEAR OVERTON—Sec. 17-10-19 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	5	0	0	0	0	0	0	0
18	0	0	0	0	26	0	0	0	15	0	0	0
19	0	0	0	0	10	0	0	0	1	0	20	6
20	0	0	0	0	4	0	0	0	0	0	1	2
21	0	0	0	0	4	0	0	0	0	2	0	0
22	0	0	0	0	0	0	0	0	0	1	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	10	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0	0	0	0	2	0	0	0	0	0	1	0
Max.	0	0	0	0	26	1	0	10	15	2	20	6
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	97	2	0	20	32	7	41	15

Total acre-feet 214.

ELM CREEK—Sec. 33-9-18 W.
Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	1	7	5	6	10
2	1	5	8	6	9
3	1	4	9	4	9
4	1	2	4	1	8
5	1	2	6	1	9
6	1	2	6	1	9
7	0	2	8	1	7
8	0	0	7	1	9
9	0	0	14	1	8
10	0	2	7	1	8
11	2	1	7	1	4
12	1	2	4	5	8
13	1	2	8	5	4
14	0	4	12	6	4
15	0	5	10	5	2
16	0	3	5	4	12
17	0	6	6	5	6
18	1	3	5	8	6
19	1	36	4	7	1
20	2	12	8	36	4
21	4	8	152	20	20
22	5	6	22	11	7
23	2	10	16	6	1
24	1	9	8	11	1
25	0	10	10	12	5
26	0	5	9	10	4
27	0	5	7	13	2
28	0	4	8	16	2
29	64	10	6	14	3
30	20	7	6	16	2
31	8	..	6	14	..
Mean	4	6	13	8	6
Max.	64	36	152	36	20
Min.	0	0	4	1	1
A.F.	230	350	780	480	360

FREMONT SLOUGH NEAR NORTH
PLATTE—Sec. 16-13-30 W.
Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	17	21	22	28	31
2	15	20	22	27	29
3	14	20	22	26	28
4	15	18	22	26	27
5	50	18	22	25	27
6	32	18	22	26	27
7	23	17	22	27	28
8	27	16	25	26	28
9	26	16	23	26	27
10	20	16	23	25	27
11	19	16	22	24	28
12	17	16	22	35	28
13	17	16	22	31	28
14	16	17	22	28	29
15	14	16	21	25	40
16	15	20	21	25	33
17	14	22	21	25	283
18	23	22	23	25	75
19	26	22	24	25	42
20	25	25	22	26	38
21	24	25	104	25	34
22	21	24	45	25	32
23	23	19	24	13	30
24	18	23	40	24	30
25	18	22	55	24	30
26	20	22	50	45	29
27	38	22	40	32	28
28	45	22	34	28	27
29	38	22	32	39	27
30	28	22	29	40	27
31	21	..	31	35	..
Mean	23	20	30	28	40
Max.	50	25	104	45	283
Min.	14	16	21	24	27
A.F.	1420	1190	1830	1730	2370

REPORT OF THE STATE ENGINEER

FREMONT SLOUGH—Sec. 17-13-29 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	12	0	9	10	14	15	9	12	9	10	9
2	12	12	0	9	10	13	14	9	11	8	10	10
3	12	12	0	12	12	13	14	9	10	8	10	9
4	12	12	0	10	11	13	13	10	10	7	10	10
5	12	12	0	11	12	12	12	11	10	8	10	9
6	12	12	0	11	12	12	11	10	10	8	10	9
7	12	12	0	10	12	12	11	10	10	8	9	9
8	12	12	0	10	12	12	10	10	10	8	9	9
9	12	12	0	10	12	11	10	10	10	9	9	9
10	13	12	0	11	13	11	10	11	10	9	9	9
11	13	12	0	12	12	13	10	11	10	8	10	9
12	13	12	0	10	13	15	10	11	10	9	11	9
13	13	12	0	8	13	16	10	9	9	8	9	9
14	12	12	0	9	13	17	10	9	9	8	10	9
15	12	12	0	10	13	18	10	9	9	8	11	9
16	12	12	7	11	14	20	10	9	9	8	10	9
17	12	8	7	11	14	21	9	9	10	9	10	22
18	12	0	6	11	14	21	9	10	9	9	10	17
19	12	0	6	11	14	20	9	9	10	9	9	12
20	12	0	6	11	15	20	9	8	9	9	10	10
21	12	0	5	11	14	19	9	8	9	12	10	9
22	12	0	5	11	14	19	8	8	9	10	9	8
23	12	0	5	11	15	19	8	8	9	12	9	8
24	12	0	5	11	14	18	8	9	9	11	8	8
25	12	0	5	10	15	18	7	10	9	12	9	8
26	12	0	5	10	15	17	7	10	8	13	8	8
27	12	0	4	10	14	17	7	12	8	12	8	8
28	12	0	8	10	14	16	8	13	8	11	8	8
29	12	0	9	10	..	16	8	13	8	10	10	8
30	12	0	9	10	..	17	9	13	9	10	11	8
31	12	0	8	10	..	16	10	12	..	10	10	..
Mean	12	7	3	10	13	16	10	10	9	9	10	10
Max.	13	12	9	12	15	21	15	13	12	13	11	22
Min.	12	0	0	8	10	11	7	8	8	7	8	8
A.F.	750	400	190	640	730	980	600	610	560	580	590	570

Total acre-feet 7200.

FRENCHMAN RIVER BELOW CHAMPION—Sec. 22-6-39 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	52	49	44	47	57	55	40	46	35	22	45	46
2	52	49	44	49	55	36	40	43	35	20	44	46
3	51	48	40	44	55	34	48	38	28	28	43	44
4	52	50	37	52	55	34	50	41	27	26	44	44
5	51	51	38	52	54	34	53	58	26	30	41	42
6	51	52	37	51	42	34	44	56	32	28	28	44
7	51	52	43	51	38	29	39	59	23	29	30	43
8	51	44	79	52	44	41	38	70	21	29	24	42
9	49	43	75	53	51	42	38	59	24	28	28	41
10	53	43	22	52	61	32	37	56	20	28	30	34
11	50	44	15	52	54	32	40	46	28	28	28	38
12	49	46	38	52	53	34	41	44	29	28	28	40
13	48	45	46	52	54	48	42	46	22	27	24	51
14	49	44	57	52	62	49	44	50	23	28	26	59
15	49	46	55	52	66	38	45	51	24	29	25	59
16	49	47	34	50	63	33	44	48	34	34	31	55
17	48	46	53	49	60	32	43	45	32	31	24	46
18	47	44	54	49	57	35	43	52	44	29	23	50
19	49	44	54	49	51	59	38	47	42	28	25	58
20	47	44	54	50	52	38	42	46	41	38	25	59
21	49	44	54	51	52	37	38	43	39	38	28	56
22	52	46	57	52	53	38	38	45	39	38	26	51
23	52	44	55	53	53	36	37	48	35	40	31	47
24	54	44	42	54	52	38	37	31	35	43	31	52
25	52	44	68	54	49	36	36	34	34	45	24	55
26	51	44	68	48	42	37	37	38	35	57	24	51
27	51	44	58	55	38	40	37	45	34	50	34	53
28	46	44	53	55	34	34	37	46	31	44	38	51
29	44	44	54	57	..	40	38	40	21	47	44	50
30	46	44	52	58	..	39	44	40	22	53	41	49
31	49	..	51	57	..	40	..	42	..	47	44	..
Mean	50	46	49	52	52	38	41	47	30	34	32	48
Max.	54	52	79	58	66	59	53	70	44	57	45	59
Min.	44	43	15	44	34	29	36	31	20	20	23	34
A.F.	3060	2720	3030	3180	2890	2350	2440	2880	1810	2120	1950	2890

Total acre-feet 31320.

BUREAU OF IRRIGATION

535

FRENCHMAN RIVER NEAR IMPERIAL—Sec. 3-5-38 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	80	84	79	62	86	62	60	63	67	47	75	72
2	69	83	78	78	87	77	68	69	65	48	80	74
3	82	88	79	80	85	66	72	80	56	40	69	76
4	85	59	80	90	82	67	75	69	53	50	70	80
5	84	80	76	98	72	70	89	87	40	55	66	70
6	77	82	67	86	80	64	82	83	46	54	63	62
7	79	99	78	85	74	60	84	89	51	50	53	59
8	80	70	85	80	72	42	85	99	52	78	44	63
9	74	77	88	85	72	58	77	99	47	59	52	72
10	77	104	108	86	77	68	59	93	50	47	42	89
11	83	87	65	80	86	66	76	87	52	51	49	55
12	92	83	37	87	92	68	72	63	53	59	50	58
13	106	75	55	93	85	65	69	111	52	66	57	63
14	68	70	87	91	82	64	63	82	46	61	59	92
15	54	77	93	92	98	64	73	74	53	44	55	98
16	81	79	80	88	93	77	78	80	57	69	47	100
17	98	77	62	70	91	70	75	84	69	74	49	76
18	80	79	76	70	95	68	75	80	75	65	44	76
19	88	97	76	82	82	66	73	74	83	57	51	75
20	73	80	78	73	85	78	67	78	74	61	63	98
21	83	78	93	79	76	67	64	75	78	61	55	84
22	80	76	84	93	92	72	62	70	76	66	51	80
23	82	84	89	86	82	67	62	77	62	69	50	85
24	77	77	89	85	85	69	60	80	56	62	51	75
25	80	79	69	82	91	67	60	57	58	85	51	73
26	93	76	93	82	87	69	69	63	61	75	53	83
27	98	73	82	87	69	69	69	64	60	69	88	57
28	84	75	94	86	61	73	64	64	76	92	59	77
29	83	76	86	80	..	69	73	78	55	70	63	75
30	77	79	83	91	..	72	74	68	52	72	84	78
31	53	..	94	78	..	72	..	72	..	76	76	..
Mean	82	80	80	83	83	67	71	78	60	63	568	76
Max.	106	104	108	98	98	78	89	111	83	92	84	100
Min.	54	59	37	62	61	42	59	57	40	40	42	55
A.F.	5020	4770	4940	5130	4610	4130	4200	4780	3540	3890	3550	4550

Total acre feet 53110.

FRENCHMAN RIVER NEAR ENDERS—Sec. 10-5-37 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	92	95	104	88	100	83	91	91	80	62	90	83
2	95	100	104	69	110	86	85	92	80	60	90	84
3	81	100	100	55	106	96	100	94	73	59	93	84
4	94	105	104	53	108	85	90	97	73	55	86	90
5	99	70	100	109	100	90	102	106	66	62	86	86
6	96	104	95	109	98	91	107	108	59	66	81	80
7	92	105	90	103	102	85	99	117	68	60	80	77
8	94	107	100	106	95	72	103	117	69	67	75	76
9	96	81	108	106	94	75	104	119	69	69	68	81
10	103	108	118	109	94	84	88	114	70	64	71	93
11	95	118	105	109	99	86	81	113	72	56	62	85
12	104	103	63	100	109	87	88	90	73	61	67	74
13	114	95	59	108	107	87	88	107	72	66	66	77
14	126	91	91	107	100	84	85	109	74	70	71	85
15	71	90	108	108	105	83	83	98	73	60	70	100
16	90	94	107	108	110	87	94	91	85	60	64	114
17	98	95	88	99	108	87	93	95	82	111	62	90
18	111	92	87	90	110	84	92	95	94	84	62	90
19	96	98	81	83	110	83	91	94	103	75	62	84
20	100	108	96	100	103	84	91	93	91	74	66	97
21	84	94	100	109	104	92	88	95	93	76	72	98
22	100	92	103	105	95	82	90	93	93	84	67	93
23	96	92	84	105	112	87	85	91	83	82	65	97
24	99	98	103	103	96	85	85	99	77	85	66	95
25	96	95	105	102	104	85	81	94	73	85	68	93
26	104	94	79	88	110	88	83	85	74	94	71	92
27	108	95	101	106	103	97	83	84	76	90	70	95
28	107	94	103	110	85	94	85	83	78	100	76	97
29	99	94	101	103	..	95	86	88	74	93	73	93
30	94	92	94	96	..	93	97	86	66	87	83	96
31	100	..	96	108	..	86	..	86	..	91	87	..
Mean	98	97	97	99	103	86	91	98	77	74	73	89
Max.	126	118	118	110	112	97	107	119	103	111	93	114
Min.	71	70	59	55	85	72	81	83	59	55	62	74
A.F.	6040	5750	5940	6070	5700	5320	5390	6000	4590	4580	4500	5320

Total acre-feet 65200.

REPORT OF THE STATE ENGINEER

FRENCHMAN RIVER NEAR HAMLET—Sec. 29-5-34 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	109	109	106	117	130	106	103	104	105	77	94	94
2	111	105	109	114	120	104	104	101	101	73	94	88
3	109	106	110	92	130	106	106	101	99	71	94	87
4	101	107	107	80	120	116	116	103	94	72	98	87
5	109	110	110	80	120	106	106	113	93	66	92	92
6	113	90	109	100	130	111	113	111	85	73	94	91
7	109	109	106	120	120	112	118	123	73	76	92	85
8	109	112	103	110	120	101	112	134	78	71	90	81
9	111	115	109	110	113	96	114	129	78	76	99	80
10	136	99	117	120	113	97	116	130	76	81	94	85
11	112	118	123	120	113	102	104	129	75	74	84	96
12	106	126	110	120	121	100	99	127	77	66	76	95
13	111	113	81	110	128	104	106	110	76	68	80	85
14	117	109	79	120	125	109	104	117	76	72	80	87
15	125	105	96	120	121	104	103	127	76	77	84	96
16	94	103	126	120	124	104	101	115	76	69	83	108
17	97	106	128	130	129	106	109	107	87	70	76	121
18	104	106	117	120	127	108	109	113	94	109	73	106
19	113	106	109	110	128	104	107	112	93	92	71	101
20	106	109	106	120	129	103	106	109	101	85	72	96
21	109	117	104	120	121	105	105	107	96	82	74	104
22	104	108	106	120	123	109	101	108	94	83	80	109
23	108	107	117	120	115	101	102	108	96	91	76	104
24	106	107	119	130	128	104	97	100	90	92	71	105
25	106	113	122	130	115	102	96	109	85	94	71	105
26	106	109	121	120	121	104	93	110	79	96	78	104
27	108	109	107	110	128	104	94	100	81	102	76	101
28	113	109	129	120	120	107	95	102	85	96	74	105
29	115	106	128	130	...	106	96	103	89	105	82	106
30	109	106	121	120	...	107	96	105	88	116	81	105
31	105	...	115	...	...	106	...	106	...	117	88	...
Mean	109	108	111	115	123	105	104	112	86	84	83	97
Max.	136	128	129	130	130	116	118	134	105	117	99	121
Min.	94	90	79	80	113	96	93	100	73	66	71	80
A. F.	6730	6450	6840	7070	6810	6450	6210	6890	5150	5140	5100	5770

Total acre-feet 74610.

FRENCHMAN RIVER AT PALISADE—Sec. 36-5-34 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	80	104	90
2	75	100	89
3	75	100	87
4	75	100	87
5	76	100	88
6	79	95	89
7	79	95	83
8	80	95	80
9	80	100	78
10	86	95	79
11	83	80	86
12	68	75	95
13	68	75	87
14	69	75	87
15	74	77	93
16	74	77	107
17	71	74	117
18	98	75	113
19	92	80	107
20	88	80	105
21	83	83	106
22	81	87	113
23	85	86	110
24	93	83	110
25	94	81	111
26	95	85	108
27	80	99	106
28	84	96	108
29	90	101	109
30	90	112	108
31	125	83	...
Mean	85	86	98
Max.	125	104	117
Min.	68	74	78
A. F.	5220	5310	5820

Total acre-feet 16350.

BUREAU OF IRRIGATION

537

FRENCHMAN RIVER AT CULBERTSON—Sec. 17-3-31 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	51	145	161	178	130	203	177	158	128	27	166	35
2	62	152	164	170	130	191	180	164	124	26	137	32
3	70	157	166	75	140	186	188	145	123	24	121	35
4	63	155	159	55	140	190	194	124	121	24	110	35
5	60	158	164	60	150	194	201	134	116	25	107	37
6	66	155	166	70	170	194	208	136	108	25	110	36
7	64	151	168	120	190	204	210	143	96	24	102	38
8	67	158	165	130	210	193	208	215	82	24	87	41
9	74	158	178	130	200	183	198	157	61	24	85	41
10	93	161	178	140	200	178	201	134	58	23	85	39
11	110	157	175	130	220	174	193	124	50	29	72	39
12	107	170	177	120	211	151	188	112	46	44	58	46
13	106	178	170	130	204	155	182	108	46	49	52	50
14	101	172	151	130	198	174	182	106	41	36	47	53
15	104	174	152	130	201	183	182	96	35	36	47	138
16	115	171	152	130	204	174	182	104	36	36	47	88
17	119	165	175	130	213	174	185	96	36	51	37	86
18	101	168	180	130	229	176	186	92	36	49	35	88
19	103	171	180	130	220	177	174	91	73	43	29	90
20	110	170	165	130	218	178	178	97	45	37	30	85
21	116	166	164	130	220	177	174	94	40	33	34	78
22	116	172	158	150	218	180	171	97	58	28	32	80
23	111	166	158	160	206	186	161	96	56	33	30	86
24	115	164	162	140	201	182	157	78	54	277	27	88
25	120	166	158	140	210	182	152	78	35	233	27	91
26	120	171	162	140	204	182	150	92	33	298	35	85
27	129	171	161	130	203	183	154	108	33	190	32	76
28	129	162	161	130	204	183	150	116	32	178	33	70
29	134	161	176	130	...	182	151	130	32	165	39	68
30	144	161	177	130	...	180	155	130	30	151	39	81
31	141	...	177	130	...	182	...	130	...	188	37	...
Mean	101	164	166	128	194	182	179	119	62	78	62	64
Max.	144	178	180	178	229	204	210	215	128	298	166	138
Min.	51	145	151	55	130	151	150	78	30	23	27	32
A.F.	6190	9730	10230	7850	10790	11170	10660	7310	3700	4820	3830	3840

Total acre feet 90120.

GERING DRAIN NEAR GERING—Sec. 6-21-54 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62	40	35	29	28	26	27	30	40	56	90	69
2	54	39	34	31	28	26	27	47	32	54	96	72
3	46	39	32	28	29	26	29	50	28	48	91	74
4	47	40	32	30	31	26	26	32	28	48	83	73
5	51	40	32	32	30	26	26	41	26	48	81	68
6	49	40	32	30	31	26	25	32	51	49	87	72
7	47	40	34	31	31	25	24	26	63	50	85	72
8	46	40	34	29	32	24	26	24	42	51	83	100
9	47	40	34	32	30	25	26	24	52	57	85	100
10	47	41	34	32	28	26	28	24	43	62	85	85
11	42	41	35	32	25	27	24	24	43	62	85	85
12	42	39	35	30	24	28	24	27	36	64	83	103
13	43	45	36	30	24	29	25	26	35	68	80	87
14	42	40	36	35	23	29	24	23	44	67	72	84
15	43	40	36	37	24	29	24	22	46	62	67	91
16	42	39	36	34	25	29	24	22	42	56	65	100
17	43	38	35	30	24	29	24	22	50	55	67	100
18	44	38	36	28	24	27	23	21	54	63	70	91
19	45	38	37	28	26	26	24	21	67	57	73	141
20	45	38	37	29	26	26	24	54	73	56	81	98
21	43	37	35	32	27	24	24	36	70	63	80	74
22	45	41	34	35	27	26	24	41	67	68	78	72
23	43	46	32	32	28	25	24	26	76	80	77	62
24	43	43	29	32	27	24	24	39	78	78	74	67
25	43	37	29	32	28	25	23	43	57	85	81	64
26	41	38	30	31	27	51	23	53	53	92	77	69
27	41	37	30	30	28	138	22	42	49	87	74	56
28	39	36	30	30	27	26	23	67	52	83	74	53
29	39	34	29	28	...	24	24	67	58	97	68	55
30	39	34	29	28	...	24	24	39	53	106	70	60
31	39	...	29	29	...	26	...	49	...	97	73	...
Mean	45	39	33	31	27	31	25	35	50	66	78	80
Max.	62	46	37	37	32	138	29	67	78	106	96	141
Min.	39	34	28	28	23	24	22	21	26	48	65	53
A.F.	2740	2340	2040	1900	1510	1880	1470	2170	3000	4090	4830	4750

Total acre-feet 32720.

REPORT OF THE STATE ENGINEER

HORSE CREEK NEAR LYMAN—Sec. 25-23-53 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	97	56	37	34	22	25	27	16	46	91	149	73
2	91	55	38	32	22	25	27	16	40	74	138	76
3	90	55	38	15	22	25	25	18	40	90	98	76
4	87	55	36	20	22	25	23	20	36	78	86	72
5	84	56	36	24	24	24	23	21	30	71	87	74
6	84	55	38	22	27	24	22	30	73	90	86	75
7	93	55	35	22	28	22	20	30	129	107	88	77
8	86	53	34	22	28	22	18	38	48	107	89	77
9	83	52	35	22	26	27	23	28	31	100	90	88
10	81	50	36	22	26	24	34	23	31	110	88	93
11	77	50	25	22	26	18	31	21	31	99	87	103
12	74	48	25	20	27	20	21	20	32	92	82	178
13	72	48	30	20	24	18	18	18	33	84	77	242
14	71	49	30	20	25	22	17	17	35	83	74	267
15	71	48	30	20	27	24	16	18	34	79	70	300
16	68	46	30	20	28	25	16	17	53	80	70	472
17	66	45	30	20	31	22	15	17	40	72	70	555
18	68	45	31	20	29	22	13	26	53	88	72	377
19	88	44	31	20	29	20	13	26	74	77	73	324
20	78	42	28	25	32	22	13	129	139	76	75	569
21	73	41	29	30	30	20	12	94	165	79	75	548
22	69	43	30	30	26	20	12	34	206	94	77	499
23	68	43	30	34	29	20	12	26	168	99	77	502
24	69	42	30	31	28	20	12	25	184	147	77	463
25	70	42	28	25	29	19	12	54	189	163	79	419
26	68	40	35	25	28	16	12	87	213	195	83	315
27	65	39	35	25	27	20	13	55	197	223	80	234
28	63	36	36	25	27	24	15	59	139	206	76	183
29	60	36	35	25	...	28	16	109	109	191	78	148
30	58	36	34	25	...	26	18	104	77	202	77	129
31	58	...	35	24	...	28	...	51	...	176	72	...
Mean	75	47	33	24	27	22	18	40	89	114	84	254
Max.	97	56	38	34	32	28	34	129	213	223	149	569
Min.	58	36	25	15	22	16	12	16	30	71	70	72
A.F.	4620	2790	2000	1470	1490	1380	1090	2470	5310	6990	5160	15090

Total acre-feet 49860.

LINCOLN COUNTY DRAIN NO. 1
Sec. 30-14-30 W.

INDIAN CREEK—Sec. 19-20-50 W.
Water Year Ending September 30, 1950

Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	4	30	14	27	27
2	4	30	18	18	20
3	4	16	18	19	40
4	4	14	33	24	31
5	5	26	33	27	28
6	6	19	38	20	28
7	6	8	31	24	20
8	6	7	18	23	27
9	6	13	24	34	30
10	5	8	20	33	21
11	5	21	32	36	21
12	5	1	28	43	47
13	5	2	20	36	44
14	5	34	23	27	42
15	7	23	25	29	41
16	6	13	32	22	40
17	22	30	31	30	25
18	6	39	43	25	27
19	6	23	33	35	27
20	6	24	24	20	26
21	6	24	18	30	23
22	5	9	17	22	27
23	5	11	42	32	24
24	6	10	48	31	26
25	39	16	27	48	38
26	8	16	32	16	41
27	7	8	26	14	34
28	23	16	18	39	34
29	14	16	15	39	26
30	5	24	28	38	20
31	2	...	23	27	...
Mean	8	18	27	29	30
Max.	39	39	48	48	47
Min.	2	1	14	14	20
A.F.	480	1050	1650	1760	1800

Day	May	June	July	Aug.	Sept.
1	28	35	88	85	90
2	24	35	84	86	89
3	25	34	94	87	86
4	25	33	96	89	85
5	27	33	92	89	82
6	29	35	95	94	82
7	28	37	97	92	82
8	28	38	99	91	82
9	30	45	96	93	83
10	28	46	96	90	84
11	29	49	94	94	86
12	28	54	96	111	84
13	28	58	97	106	82
14	30	51	94	101	82
15	29	56	86	100	83
16	30	54	93	100	79
17	29	57	86	97	81
18	51	63	86	92	78
19	45	64	97	94	75
20	42	75	99	90	77
21	39	73	117	89	72
22	39	79	110	91	70
23	39	84	111	92	66
24	39	86	110	92	66
25	37	89	110	94	65
26	38	93	104	104	66
27	36	91	96	97	65
28	35	91	94	94	66
29	35	91	91	93	65
30	35	89	86	93	65
31	35	...	85	92	...
Mean	33	61	96	94	77
Max.	51	93	117	111	90
Min.	24	33	84	85	65
A.F.	2020	3610	5910	5780	4600

BUREAU OF IRRIGATION

539

LOGEPOLE CREEK NEAR BUSHNELL—Sec. 33-15-57 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	11	10	8	8	11	12	10	9	6	7	6
2	10	11	10	7	8	11	11	10	9	6	7	5
3	10	11	10	6	8	11	12	9	9	6	7	5
4	10	11	9	7	10	11	11	9	9	8	7	5
5	10	11	8	7	10	11	11	13	9	7	6	5
6	10	11	9	7	10	11	11	10	8	6	6	5
7	10	11	9	7	11	9	11	12	8	6	6	5
8	10	11	9	7	11	10	11	11	8	6	6	5
9	11	11	8	8	10	11	11	11	6	6	6	5
10	11	11	10	9	10	14	11	10	7	6	6	6
11	11	11	4	7	10	11	11	9	8	5	7	6
12	11	10	7	7	10	10	12	9	8	6	6	6
13	11	10	6	6	10	11	11	5	8	7	6	8
14	11	10	6	7	10	13	10	8	7	5	6	10
15	11	10	7	7	10	14	10	8	8	5	6	1170
16	10	10	8	8	11	13	10	8	7	5	6	35
17	10	10	9	8	11	13	10	8	7	5	6	35
18	10	10	9	8	11	12	10	8	8	5	7	19
19	11	10	10	9	8	11	11	10	8	5	6	15
20	11	10	9	8	11	11	10	8	7	5	7	13
21	11	9	7	10	11	11	10	7	7	7	6	13
22	11	10	7	12	11	9	10	8	7	6	6	12
23	11	10	8	12	10	10	10	7	7	6	6	11
24	11	10	8	12	11	10	9	8	6	6	6	11
25	11	10	8	9	12	10	9	9	6	6	6	11
26	11	10	8	9	12	11	9	10	6	6	6	10
27	11	10	7	8	12	9	9	11	6	5	6	10
28	11	11	9	9	11	7	9	11	6	5	6	10
29	11	11	9	7	..	12	10	10	7	6	6	11
30	11	10	9	8	..	14	10	9	7	7	6	11
31	11	..	9	8	..	13	..	9	..	7	6	..
Mean	11	10	8	8	10	11	10	9	7	6	6	49
Max.	11	11	10	12	12	14	12	13	9	8	7	1170
Min.	10	9	4	6	8	7	9	5	6	5	6	5
A.F.	655	619	505	495	577	684	616	557	443	365	382	2930

Total acre-feet 8830.

LOGEPOLE CREEK ABOVE
BENNETT RESERVOIR

Sec. 28-15-55 W.

Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	0	1	20	0	0
2	0	0	1	0	0
3	0	0	2	0	0
4	0	1	2	0	0
5	0	0	5	0	0
6	0	1	0	0	0
7	1	0	1	0	0
8	5	0	1	0	0
9	1	0	1	0	0
10	0	0	1	0	0
11	0	0	0	0	0
12	0	0	18	0	0
13	0	0	0	0	1
14	0	1	0	0	0
15	0	1	0	0	10
16	0	0	0	0	20
17	0	0	1	1	13
18	0	0	1	0	7
19	2	0	0	0	5
20	0	0	0	0	3
21	0	0	0	0	3
22	0	0	100	0	3
23	0	0	2	0	4
24	0	0	1	0	8
25	0	0	2	0	8
26	1	0	2	0	6
27	2	1	1	0	5
28	3	1	1	0	5
29	7	2	1	0	7
30	7	3	2	0	8
31	2	..	2	0	..
Mean	1	0	6	0	4
Max.	7	3	100	1	20
Min.	0	0	0	0	0
A.F.	60	20	340	0	230

LOGEPOLE CREEK BELOW
OLIVER RESERVOIR AND NEW
RUTTNER DIVERSION DAM

Sec. 31-15-56

Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	1	4	6	2	4
2	1	4	5	2	4
3	1	4	5	4	3
4	1	4	5	4	3
5	1	3	4	4	4
6	1	3	4	4	3
7	1	1	4	4	3
8	1	1	4	4	3
9	1	1	4	4	3
10	1	1	4	6	1
11	1	1	4	6	1
12	1	1	2	6	2
13	1	1	3	5	2
14	1	2	2	4	2
15	4	3	2	4	5
16	3	4	2	4	3
17	3	4	2	4	3
18	1	4	2	4	3
19	1	5	2	4	2
20	1	4	5	4	3
21	1	6	5	4	3
22	1	6	5	4	3
23	1	5	5	5	3
24	1	6	5	5	3
25	4	5	5	5	3
26	5	5	4	4	3
27	6	5	4	4	3
28	4	6	2	3	3
29	4	6	2	3	3
30	4	6	2	3	3
31	4	..	2	4	..
Mean	2	4	4	4	3
Max.	6	6	6	6	5
Min.	1	1	2	2	1
A.F.	120	210	220	240	170

REPORT OF THE STATE ENGINEER

LOGAN CREEK NEAR UEHLING—Sec. 16-20-8 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	75	65	58	35	45	95	120	97	100	74	107	86
2	75	65	59	35	50	95	120	90	209	75	102	84
3	75	65	59	35	50	100	120	89	218	76	98	81
4	71	65	60	35	50	450	120	87	124	75	203	80
5	69	65	50	35	50	4300	120	105	89	77	815	79
6	68	65	50	35	50	5610	110	109	75	77	648	79
7	68	65	50	35	50	1410	110	121	72	74	388	78
8	67	65	45	35	50	330	110	187	87	71	777	77
9	66	65	50	35	55	310	110	328	64	79	446	77
10	101	65	60	35	60	200	110	630	61	82	221	76
11	75	65	60	35	60	130	110	164	60	79	131	75
12	70	65	60	35	60	120	110	118	64	82	302	74
13	69	65	55	35	60	120	110	107	82	166	449	75
14	68	65	55	35	60	120	100	101	101	97	235	75
15	68	65	55	35	60	140	100	95	77	93	198	73
16	68	65	50	35	60	280	100	92	98	150	140	74
17	68	65	55	35	70	750	100	90	216	113	244	75
18	68	59	55	35	70	808	100	90	1380	123	414	75
19	68	61	55	35	70	550	100	90	1150	2300	267	73
20	69	61	55	35	70	560	100	130	690	1080	154	72
21	75	58	55	35	70	333	90	100	342	980	120	72
22	79	64	50	40	70	265	90	100	124	1910	120	75
23	71	62	50	40	70	1330	90	100	101	662	120	75
24	71	58	50	40	70	4620	90	100	123	305	120	69
25	71	58	50	35	70	1930	90	100	95	193	120	66
26	70	58	50	35	70	503	90	100	81	166	95	66
27	70	59	50	35	70	613	90	100	79	152	95	65
28	70	57	50	40	130	355	83	100	79	139	95	65
29	70	58	50	45	...	160	89	100	73	130	95	65
30	70	58	50	45	...	137	98	100	77	114	95	65
31	70	...	50	45	...	137	...	100	...	113	89	...
Mean	71	62	53	37	63	866	103	130	206	320	242	74
Max.	101	65	60	45	130	5610	120	630	1380	2300	815	86
Min.	66	57	45	35	45	95	83	87	60	71	89	65
A.F.	4390	3720	3270	2250	3510	53280	6110	7970	12250	19670	14880	4410

Total acre-feet 135710.

LONG PINE CREEK NEAR RIVERVIEW—Sec. 5-31-20 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	96	103	100	100	103	214	120	114	113	103	100	110
2	96	101	103	96	109	175	120	116	170	107	100	114
3	100	101	101	100	103	198	120	116	162	114	101	114
4	96	100	101	100	103	314	120	112	136	109	105	110
5	94	100	94	100	105	150	118	118	120	110	105	105
6	107	100	100	100	112	120	118	130	116	109	103	110
7	103	100	98	100	110	120	116	274	114	110	103	105
8	93	100	98	109	110	116	118	168	112	103	112	105
9	100	100	103	107	110	130	118	126	112	107	107	105
10	146	100	107	105	109	126	120	120	112	105	101	98
11	128	105	112	107	107	126	118	120	110	109	105	91
12	116	103	105	105	101	130	120	120	110	107	283	96
13	110	103	100	107	100	130	116	124	110	103	188	100
14	110	100	112	100	100	130	118	114	110	101	164	103
15	109	98	100	100	101	130	126	110	114	109	175	109
16	109	94	110	100	101	132	126	109	120	107	177	105
17	114	100	109	100	109	140	120	109	120	103	170	116
18	114	100	109	100	105	130	118	124	130	112	140	110
19	116	100	109	100	103	114	114	115	130	105	130	107
20	114	96	105	109	101	110	114	115	130	98	122	254
21	116	101	112	109	101	107	114	115	130	114	120	321
22	114	103	103	110	100	122	114	115	112	112	116	311
23	112	105	101	110	101	339	112	115	110	109	116	170
24	109	101	100	107	101	261	101	115	107	105	111	132
25	105	101	96	100	100	140	98	115	101	105	116	116
26	109	101	101	100	101	120	96	115	101	103	123	114
27	109	101	103	100	100	275	120	101	115	100	126	110
28	107	100	107	114	331	120	103	115	98	98	126	110
29	109	101	101	116	...	120	109	115	101	98	138	120
30	103	98	103	126	...	120	110	115	103	98	132	120
31	103	...	101	107	...	120	...	115	...	98	118	...
Mean	109	101	103	105	118	149	114	123	117	106	130	130
Max.	146	105	112	126	331	339	126	274	170	114	283	321
Min.	94	94	94	96	100	107	96	109	98	98	100	91
A.F.	6690	5980	6360	6430	6570	9170	6810	7570	6970	6490	8010	7720

Total acre-feet 84770.

BUREAU OF IRRIGATION

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LOUP RIVER NEAR GENOA—Sec. 25-17-4 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	33	53	39	1400	60	1700	234	136	179	79	134	171
2	46	49	52	1400	60	1700	176	91	1360	57	118	138
3	60	53	57	1500	60	1700	198	89	1420	100	100	109
4	41	77	63	800	60	1700	551	107	455	116	128	85
5	51	63	42	600	60	1700	532	204	295	67	120	92
6	67	60	58	370	70	1700	252	466	198	70	207	92
7	61	82	500	250	100	1700	162	230	165	74	165	107
8	42	79	324	200	100	600	126	443	176	68	416	100
9	46	70	1120	200	100	600	91	2930	171	25600	504	91
10	60	77	1140	220	100	600	124	1050	154	14000	398	55
11	109	79	714	260	200	600	274	777	111	3750	939	58
12	84	71	1200	260	200	600	151	495	103	20400	1400	82
13	74	79	550	260	200	600	150	443	134	4500	1830	82
14	65	74	200	270	200	600	130	421	141	1030	1950	87
15	74	61	165	310	200	600	110	303	179	560	2930	81
16	81	65	165	330	200	600	100	234	162	420	1290	91
17	56	43	96	110	200	2280	120	185	171	6300	802	134
18	64	52	100	70	200	4540	98	191	361	7000	263	276
19	68	55	810	70	200	4770	122	1760	1240	19400	320	94
20	55	32	1400	70	200	3510	113	2010	390	3190	1110	89
21	67	16	2000	70	600	1950	91	897	173	1560	806	253
22	57	29	1400	70	600	2410	85	647	136	1500	504	138
23	68	39	1200	70	600	4710	39	421	118	10000	227	91
24	55	47	1100	70	600	8530	64	274	109	11500	159	81
25	50	33	1200	70	600	5670	101	234	70	4400	151	52
26	60	55	1300	70	1100	2340	87	255	85	2000	136	51
27	53	37	1400	70	1100	2390	81	234	120	1560	92	55
28	64	46	1400	70	1100	2040	91	244	128	962	174	52
29	70	55	1600	70	....	1690	134	365	118	835	700	56
30	67	42	1400	70	....	962	204	654	118	421	324	50
31	64	..	1300	70	....	316	..	303	..	282	207	..
Mean	62	56	777	314	324	2126	160	551	291	4574	602	100
Max.	109	82	2000	1500	1100	8530	551	2930	1420	25600	2930	276
Min.	33	16	39	70	60	316	39	89	70	57	92	50
A.F.	3790	3320	47790	19280	17990	130700	9500	33900	17340	281300	37000	5940

Total acre-feet 607850.

LOUP RIVER AT COLUMBUS—Sec. 30-17-1 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	164	212	203	1370	170	1700	423	356	406	262	469	260
2	161	196	209	1510	180	2500	481	302	2820	156	376	262
3	153	193	216	1600	170	2300	412	320	4600	173	324	236
4	158	209	209	790	180	2000	493	342	2230	180	329	222
5	164	203	200	420	180	2200	655	423	1540	193	352	187
6	167	216	190	160	190	2200	475	512	1260	184	307	200
7	176	229	212	200	200	2200	396	463	970	178	524	181
8	173	219	648	250	210	1400	324	487	655	206	550	212
9	170	216	1250	270	210	530	316	4740	524	17400	648	229
10	184	206	1300	280	220	500	270	2060	376	24100	1200	209
11	200	206	1240	290	260	500	356	1290	333	7090	787	156
12	200	203	1300	350	330	700	423	889	258	18800	2010	176
13	229	206	650	310	400	600	282	662	254	9880	4100	193
14	196	206	480	320	390	420	282	708	298	2030	2690	193
15	196	200	356	360	330	385	262	531	294	538	4480	206
16	190	206	380	370	310	1970	251	445	356	311	2000	193
17	176	193	376	340	310	2910	236	385	356	5580	1250	196
18	184	193	361	230	330	3280	266	324	469	6600	795	661
19	196	209	943	240	330	4100	240	1320	2160	24800	577	316
20	200	216	1200	230	350	3170	270	3410	863	8970	812	251
21	212	178	2090	230	430	2200	244	1260	493	3500	2030	251
22	203	181	1200	220	600	2300	233	916	352	3210	739	626
23	190	196	1100	220	900	2260	258	763	311	10800	512	270
24	178	200	1200	170	920	4930	203	591	258	14200	329	274
25	190	170	1300	170	930	5310	244	418	254	4700	307	222
26	181	176	1400	170	1000	7460	286	524	196	2300	294	212
27	190	184	1500	170	1300	3370	247	512	206	2420	270	203
28	187	181	1650	170	1300	3000	307	481	187	1690	274	193
29	200	181	1310	160	1300	1900	390	708	181	1270	710	222
30	203	196	1630	160	....	1670	366	1190	196	863	564	212
31	206	..	1070	160	....	531	..	755	..	700	440	..
Mean	186	199	883	384	451	2276	330	906	789	5590	998	248
Max.	229	229	2090	1600	1300	7460	655	4740	4600	24800	4480	661
Min.	153	170	190	160	170	385	203	302	181	156	270	156
A.F.	11460	11860	54290	23580	25050	139900	19620	55710	46920	343700	61390	14750

Total acre-feet 808260.

REPORT OF THE STATE ENGINEER

LOUP RIVER, MIDDLE, AT DUNNING—Sec. 33-22-24 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	355	344	382	370	360	376	437	412	338	341	336	344
2	364	338	388	340	360	350	447	421	352	361	333	341
3	373	336	397	160	360	358	460	428	336	361	341	338
4	358	355	388	170	360	397	406	428	336	358	364	353
5	364	379	376	200	390	431	385	424	350	355	367	350
6	376	379	379	270	440	440	367	394	341	338	358	330
7	361	385	379	340	450	500	400	431	327	336	350	325
8	364	385	397	380	490	230	385	418	333	336	350	336
9	344	382	403	390	450	320	376	364	333	336	400	330
10	415	409	379	440	430	420	364	367	333	336	409	355
11	379	421	340	470	390	290	330	397	330	350	361	355
12	341	394	300	450	360	350	341	400	336	344	352	333
13	338	388	200	410	330	380	333	400	350	325	352	361
14	333	409	200	350	320	410	330	376	388	330	358	347
15	336	403	220	320	360	430	333	364	391	370	352	406
16	344	379	250	270	370	430	330	367	355	355	350	394
17	336	364	300	360	370	516	370	373	350	347	336	364
18	352	388	330	370	390	479	367	367	364	361	333	382
19	358	403	330	320	400	450	327	367	347	400	344	364
20	333	391	300	370	420	463	322	379	341	358	341	415
21	325	385	310	420	379	489	352	370	341	388	341	424
22	317	379	320	470	376	472	376	352	344	415	336	358
23	327	403	340	450	347	479	388	358	347	352	338	347
24	336	415	310	410	355	447	385	333	336	350	336	350
25	344	388	310	270	361	472	341	344	347	373	341	361
26	333	376	310	220	382	509	338	347	338	364	406	352
27	344	394	380	300	400	450	352	350	333	358	370	352
28	350	387	370	410	400	421	394	355	338	341	358	355
29	350	382	400	430	...	428	397	364	338	347	370	361
30	341	379	370	330	...	415	379	367	336	355	367	358
31	336	...	370	330	...	434	...	352	...	373	364	...
Mean	349	384	336	348	386	414	370	380	344	355	355	357
Max.	415	421	403	470	490	516	460	431	391	415	409	424
Min.	317	336	200	160	320	230	322	338	327	325	333	325
A.F.	21480	22880	20640	21400	21420	25460	22040	23350	20490	21850	21810	21230

Total acre-feet 264050.

LOUP RIVER, MIDDLE, AT WALWORTH—Sec. 1-19-20 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	744	804	915	760	710	1000	955	770	646	718	786	804
2	804	840	849	630	760	780	945	752	727	786	718	752
3	813	786	858	470	780	880	905	744	670	795	727	761
4	786	804	840	340	800	1100	876	795	662	822	761	761
5	786	840	760	260	800	1100	905	975	710	840	786	752
6	849	885	740	340	850	1000	965	955	702	778	894	744
7	915	849	660	380	920	570	1040	925	686	752	831	736
8	925	813	640	590	960	510	1120	1100	662	736	795	752
9	822	831	570	880	940	500	1060	1070	638	736	831	770
10	1100	895	560	860	940	520	935	1060	630	727	945	804
11	1010	925	500	830	900	420	727	1080	638	736	813	736
12	935	885	310	790	890	460	778	1120	670	795	1030	770
13	905	795	340	760	870	840	804	955	678	736	831	858
14	885	786	480	710	770	1000	955	849	822	740	786	840
15	813	858	580	690	850	1100	786	736	795	850	744	935
16	736	905	690	610	930	1300	761	736	778	800	736	895
17	702	876	670	540	1000	1300	915	752	778	752	718	822
18	727	858	670	530	1100	1100	996	752	813	804	727	786
19	718	831	700	480	1100	780	786	718	727	849	744	778
20	686	867	670	450	1100	1100	831	710	694	813	752	831
21	646	840	600	560	1100	960	915	654	710	822	761	867
22	630	786	600	800	990	1200	1030	694	702	849	744	822
23	600	744	660	860	1000	1100	1060	686	727	895	744	849
24	744	686	680	880	1000	1060	1080	710	710	831	761	770
25	778	752	650	720	1000	1040	831	702	710	895	744	718
26	804	804	570	480	1100	1140	778	718	694	895	895	727
27	858	813	670	450	1100	935	858	710	678	831	831	744
28	867	804	840	580	1100	840	835	718	702	840	770	718
29	804	831	870	760	...	876	905	702	702	831	756	813
30	710	840	850	810	...	831	786	804	718	867	822	840
31	752	...	890	710	...	915	...	694	...	849	840	...
Mean	802	828	675	629	941	912	906	818	706	805	797	792
Max.	1100	925	915	880	1100	1300	1120	1120	822	895	1030	935
Min.	600	686	310	260	710	420	727	654	630	718	718	718
A.F.	49300	49260	41480	38700	52280	56050	53900	50270	42010	49530	48980	47120

Total acre-feet 578880.

BUREAU OF IRRIGATION

543

LOUP RIVER, MIDDLE, AT ALCADIA—Sec. 26-17-16 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	691	882	882	980	790	1000	985	865	722	501	812	812
2	763	928	975	970	780	1000	891	821	699	521	699	763
3	847	966	919	540	840	800	928	891	624	574	624	706
4	795	975	882	220	850	880	771	919	631	624	754	668
5	714	938	738	230	850	1120	795	956	624	730	699	653
6	901	910	779	300	880	990	1020	966	653	714	738	646
7	1000	919	780	360	900	500	947	838	638	668	928	638
8	985	873	680	480	950	200	966	1280	631	653	722	624
9	847	901	600	670	960	180	1080	1180	602	838	763	638
10	1020	873	570	920	960	300	1020	1020	567	754	901	684
11	975	901	550	980	880	640	1040	995	560	730	891	763
12	812	1110	280	860	820	800	995	995	541	771	947	676
13	714	966	200	880	770	800	891	956	547	771	938	617
14	706	838	200	820	750	930	910	856	624	714	722	691
15	812	812	380	780	690	1110	830	754	700	601	754	882
16	706	795	600	730	730	1230	938	738	700	738	699	956
17	684	847	890	700	820	1450	1040	722	800	873	653	812
18	684	738	1170	600	960	1460	1060	995	800	1040	770	738
19	795	779	1180	760	1010	1230	985	1350	750	1450	787	771
20	910	830	940	810	1040	870	966	838	650	1200	754	746
21	891	891	810	840	1100	1270	1050	821	617	1410	750	985
22	754	847	690	930	1080	1180	1080	676	595	1020	746	1020
23	668	787	760	910	1050	1200	1080	691	574	1440	754	873
24	714	882	800	900	1030	1160	1100	691	560	1130	754	856
25	873	910	860	930	1000	1070	882	746	541	1090	746	821
26	1040	812	770	740	980	1020	812	795	527	1180	938	795
27	1040	804	850	440	1000	990	771	804	521	1290	928	779
28	928	821	870	450	1000	940	746	856	527	1080	763	779
29	956	865	880	610	....	890	873	771	527	975	763	919
30	985	910	1010	890	....	900	956	763	521	910	754	1250
31	947	877	1080	890	....	1040	....	714	....	873	812	....
Mean	844	877	760	714	910	940	947	879	619	902	783	785
Max.	1040	1110	1180	980	1100	1460	1100	1350	800	1450	947	1250
Min.	668	738	200	220	690	180	746	676	521	501	624	617
A.F.	51880	52190	46760	43890	50520	57820	56350	54080	36840	55440	48120	46730

Total acre-feet 600620.

LOUP RIVER, MIDDLE, AT LOUP CITY—Sec. 14-15-15 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	572	842	912	1100	800	1220	1050	788	752	493	800	776
2	610	812	740	1100	770	1240	960	828	716	620	776	740
3	704	956	630	500	770	990	870	740	704	620	716	660
4	800	1050	564	300	740	870	988	740	670	630	856	590
5	728	1000	590	190	720	1050	912	926	640	788	814	564
6	704	1140	788	170	770	910	824	1100	610	704	828	580
7	926	1050	788	260	830	450	856	856	590	590	940	600
8	1020	898	600	410	890	200	988	1220	610	860	788	620
9	1020	898	550	570	910	280	1120	1140	630	1300	764	610
10	1320	1000	600	740	940	350	1140	956	600	828	926	610
11	1320	972	600	960	870	600	884	1040	556	716	884	716
12	1100	1200	400	970	840	700	764	1160	540	752	828	704
13	870	912	200	880	770	800	1000	1100	524	814	1050	704
14	800	800	200	780	780	900	1120	926	660	728	776	680
15	716	814	290	710	750	1000	1080	1000	716	728	764	752
16	660	828	600	720	700	1200	1140	956	704	788	716	912
17	692	764	1100	700	820	1410	1070	856	814	940	716	814
18	776	740	1100	480	950	1490	956	1130	828	1070	704	776
19	940	670	1100	510	1000	930	988	1940	776	1280	856	740
20	898	680	1100	700	1160	870	1070	870	620	1070	856	800
21	828	704	730	720	1220	1190	1070	1070	590	1850	764	842
22	716	856	800	860	1220	1760	1080	884	620	1070	752	926
23	680	814	800	870	1050	1710	1080	800	640	1790	740	828
24	704	764	800	900	990	1420	1160	776	640	1140	704	800
25	740	788	800	970	1080	1130	884	740	630	1020	704	800
26	740	752	800	800	1020	1000	788	752	590	912	740	764
27	740	800	800	570	1120	1000	828	776	532	940	988	740
28	870	856	800	480	1150	1000	814	728	548	764	828	752
29	956	884	770	560	....	880	828	716	486	728	800	716
30	870	1050	1100	750	....	1000	814	740	458	740	776	884
31	842	....	1100	800	....	1100	....	764	....	776	800	....
Mean	834	880	734	678	915	992	973	938	633	898	805	733
Max.	1320	1200	1100	1100	1220	1760	1160	1940	828	1850	1050	926
Min.	572	670	200	170	700	200	764	716	458	493	704	564
A.F.	51300	52350	45130	41710	50840	60990	57870	57560	37670	55240	49500	43840

Total acre-feet 603800.

REPORT OF THE STATE ENGINEER

LOUP RIVER, MIDDLE, AT ST. PAUL—Sec. 10-14-10 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	755	1030	1050	860	890	1600	1050	1230	1010	670	906	1030
2	822	943	906	820	950	1600	1060	1070	1020	700	930	1030
3	846	1050	950	520	910	1400	1300	1160	995	788	834	882
4	882	995	943	280	880	1400	1350	1140	956	788	846	834
5	969	943	1030	210	940	1700	1370	1450	870	846	1030	788
6	930	1060	1050	280	920	3200	1240	1530	799	918	918	711
7	943	1090	918	230	930	1800	1320	1460	744	834	995	744
8	1050	943	700	250	1000	420	1380	1450	740	810	1030	744
9	1260	1020	600	410	1200	340	1410	1810	730	6510	894	744
10	1400	1100	630	540	1200	280	1410	1700	700	4830	1070	744
11	1720	995	610	680	1200	200	1320	1240	680	2480	1140	744
12	1340	1220	480	750	1300	310	1380	1120	650	2660	1120	882
13	1220	1340	180	920	1100	320	1290	1300	630	1500	1420	882
14	1120	1070	250	950	1100	1000	1230	1260	1190	1130	3140	882
15	1090	906	230	870	1100	1600	1220	1170	1010	969	2070	943
16	1030	930	440	840	1100	1900	1340	1220	1010	1260	1820	1050
17	1050	956	780	800	1000	2200	1460	1160	1320	1200	1600	1070
18	1020	969	1100	780	1100	1900	1320	1100	3120	1430	1560	930
19	969	906	1200	730	1300	1700	1340	3920	1900	1810	2050	1010
20	1140	870	770	720	1600	1300	1230	2940	1230	1700	1670	1720
21	1190	995	850	850	1700	1100	1160	2440	918	1510	1300	1450
22	1020	830	980	920	1500	1600	1030	1810	810	2130	982	1240
23	982	1090	910	890	1500	2000	1200	1290	777	4230	882	1120
24	1070	969	940	900	1400	2640	1380	1020	766	5380	870	1090
25	1030	969	870	940	1300	2420	1450	1090	700	2120	982	1050
26	1090	1010	870	1000	1300	1960	1300	1090	640	1350	1100	995
27	943	1020	1100	1000	1500	1880	1130	1220	640	1230	1280	969
28	1190	918	1100	840	1600	1380	1030	1540	755	930	1420	1030
29	1230	956	1000	570	....	1290	1240	2010	722	788	1160	1140
30	1220	995	880	570	....	1350	1300	1460	680	969	1030	1130
31	1100	....	790	690	....	1050	....	1130	....	930	943	....
Mean	1084	1006	809	697	1198	1446	1275	1501	957	1787	1257	989
Max.	1720	1340	1200	1000	1700	3200	1460	3920	3120	6510	3140	1720
Min.	755	870	180	210	880	200	1030	1020	630	670	834	711
A.F.	66630	59880	49720	42860	66510	88940	75850	92290	56950	109900	77300	58870

Total acre-feet 845700.

LOUP RIVER, MIDDLE, NEAR SENECA—Sec. 17-24-31 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	188	186	184	233	186	186	207	218	196	178	178	204
2	184	186	191	230	184	186	207	230	194	178	181	194
3	176	188	186	230	181	186	202	224	191	168	186	202
4	171	186	178	200	176	207	186	202	184	178	191	204
5	171	184	188	180	194	230	188	186	181	174	191	199
6	174	188	199	190	207	233	194	184	184	176	199	199
7	171	186	191	202	207	200	210	221	186	176	186	188
8	166	178	191	199	213	191	207	194	186	188	209	188
9	157	178	191	191	210	207	188	204	184	196	204	188
10	184	184	190	191	210	210	196	230	186	194	215	188
11	184	188	190	196	210	204	210	221	186	194	213	181
12	186	184	190	194	210	200	221	207	188	188	207	227
13	186	188	199	196	194	199	213	210	188	184	210	224
14	184	199	191	204	191	213	207	191	210	186	207	221
15	186	196	186	204	190	218	213	188	194	181	202	221
16	186	186	191	196	190	221	204	199	186	181	194	224
17	186	188	191	194	200	224	207	191	176	181	186	227
18	191	184	188	194	204	210	188	188	188	194	181	221
19	186	176	191	188	202	191	184	184	188	181	196	227
20	188	178	196	181	199	199	186	191	186	194	191	270
21	191	166	188	181	186	188	202	184	181	220	188	239
22	178	168	190	176	191	191	210	186	181	181	186	236
23	174	166	190	184	207	194	207	178	184	178	176	230
24	168	159	190	184	213	196	202	178	178	186	168	221
25	176	164	194	174	215	215	184	186	171	188	174	210
26	178	171	204	171	215	221	202	181	166	186	202	196
27	186	181	207	174	221	181	207	191	168	181	199	210
28	188	186	196	178	210	184	218	202	168	174	196	204
29	196	181	199	171	....	178	204	207	178	171	212	215
30	194	176	207	176	....	196	199	202	178	184	213	215
31	186	....	215	184	....	213	....	202	....	176	210	....
Mean	181	181	193	192	201	202	202	199	184	184	195	212
Max.	196	199	215	233	221	233	221	230	210	220	215	270
Min.	157	159	178	171	176	178	184	178	166	168	168	181
A.F.	11150	10770	11870	11790	11140	12440	12010	12240	10940	11300	12000	12640

Total acre-feet 140290.

BUREAU OF IRRIGATION

545

LOUP RIVER, NORTH, AT BREWSTER—Sec. 28-23-22 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	308	349	360	350	330	561	464	460	396	315	330	360
2	308	352	360	350	350	486	464	460	429	345	322	337
3	315	349	337	340	330	417	477	477	388	345	326	330
4	315	356	345	320	350	434	464	464	368	345	330	322
5	322	368	337	370	360	421	473	460	380	360	337	318
6	311	356	326	390	380	408	455	468	384	345	345	315
7	364	360	308	390	380	200	455	551	360	330	356	322
8	360	360	315	380	380	250	442	523	356	322	370	318
9	349	360	337	370	390	320	451	542	360	322	388	315
10	425	356	290	370	380	350	464	504	345	326	392	372
11	425	404	280	370	370	280	442	491	345	330	408	352
12	396	392	260	370	370	450	451	473	352	345	404	360
13	388	388	250	360	350	360	425	464	360	392	376	376
14	384	372	260	350	340	460	421	438	404	372	372	384
15	384	364	280	340	360	470	413	455	451	360	352	446
16	384	372	300	360	380	570	417	455	384	349	349	392
17	388	349	300	350	410	477	404	455	384	352	337	384
18	388	364	320	370	420	434	417	455	396	360	352	434
19	396	388	330	370	450	352	408	446	408	400	333	376
20	404	392	340	390	520	460	384	468	376	360	326	455
21	396	380	340	400	580	434	396	491	345	417	315	477
22	396	384	340	410	640	486	400	446	322	421	300	434
23	396	388	340	410	660	504	404	438	315	400	300	408
24	396	388	320	400	680	495	404	429	293	360	290	408
25	392	360	310	320	680	486	417	442	300	376	286	400
26	396	360	330	360	660	482	392	434	308	384	388	376
27	396	364	350	370	635	455	404	434	322	376	372	376
28	396	364	350	380	590	455	421	434	308	376	352	368
29	396	368	350	340	...	464	446	425	311	360	360	392
30	396	356	350	340	...	495	429	417	308	360	368	392
31	349	...	360	340	...	486	...	392	...	356	345	...
Mean	375	369	322	365	454	432	430	461	359	360	348	377
Max.	425	404	360	410	680	570	477	551	451	421	408	477
Min.	308	349	250	320	330	200	384	392	293	315	286	315
A.F.	23050	21940	19790	22470	25240	26580	25590	28350	21340	22140	21380	22410

Total acre-feet 280280.

LOUP RIVER, NORTH, AT TAYLOR—Sec. 22-21-18 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	359	488	441	520	430	790	624	494	467	281	401	436
2	355	483	451	520	430	820	676	533	462	333	396	421
3	359	478	451	160	410	850	650	533	436	364	396	416
4	350	494	446	190	420	730	586	522	446	382	401	391
5	333	505	462	260	420	430	593	586	431	382	401	387
6	333	499	462	400	470	370	593	662	416	378	436	387
7	342	499	416	450	530	200	624	878	396	350	488	329
8	350	478	406	440	540	150	662	991	373	350	382	321
9	364	478	378	450	550	210	689	886	355	451	411	304
10	617	478	416	470	550	390	682	773	337	411	467	316
11	605	516	380	480	530	450	599	716	333	411	510	350
12	499	550	150	460	490	560	630	723	342	421	643	342
13	436	545	170	430	430	430	689	662	350	355	522	359
14	406	510	280	420	430	500	692	593	499	411	499	396
15	416	488	360	410	480	700	656	533	467	442	467	556
16	421	488	350	410	530	790	630	533	522	457	441	516
17	411	488	360	400	570	650	605	605	494	378	451	467
18	421	488	410	400	630	410	539	593	528	431	428	436
19	451	505	420	410	660	410	522	599	467	505	436	457
20	472	494	430	420	690	560	510	605	472	499	416	533
21	488	462	370	420	670	640	505	630	421	483	401	703
22	483	431	430	440	630	640	528	574	406	522	401	636
23	499	478	470	460	670	630	522	522	391	580	401	550
24	488	516	460	470	710	620	533	505	364	499	387	522
25	483	494	420	480	740	610	483	488	391	472	378	516
26	472	478	420	400	820	600	478	505	333	478	510	494
27	488	467	470	420	820	590	462	533	316	467	528	488
28	505	462	490	440	880	586	483	593	329	436	478	488
29	494	451	510	460	...	593	478	550	296	401	472	510
30	446	421	530	450	...	669	510	505	277	401	441	528
31	436	...	520	440	...	689	...	488	...	411	457	...
Mean	438	487	411	419	575	557	580	610	404	425	447	452
Max.	617	550	530	520	880	850	689	991	528	580	643	703
Min.	333	421	150	160	410	150	462	488	277	281	378	304
A.F.	26940	28980	25250	25750	31950	34250	34520	37510	24030	26110	27460	26390

Total acre-feet 349600.

REPORT OF THE STATE ENGINEER

LOUP RIVER, NORTH, AT SCOTIA—Sec. 8-17-12 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	681	845	889	720	700	1600	1430	948	889	513	681	790
2	690	801	867	710	700	1100	1420	912	948	609	672	730
3	730	812	878	580	750	1100	1540	960	867	690	663	672
4	710	812	878	300	750	1300	1370	924	823	710	740	663
5	740	801	878	310	750	1600	1240	1120	867	780	750	600
6	730	823	856	490	770	1700	1150	1190	867	740	750	618
7	740	823	856	650	820	1100	1190	1100	730	700	812	592
8	780	856	770	730	980	250	1190	1700	681	1070	984	560
9	823	878	690	790	1000	120	1220	1520	609	7790	1110	560
10	1020	867	700	840	1000	150	1180	1310	584	1760	1610	513
11	1150	889	620	850	1000	400	1140	1140	600	1050	1180	513
12	1110	972	490	880	1000	830	1120	1160	636	948	1250	568
13	996	960	270	850	930	1100	1120	1280	645	812	1400	618
14	889	936	240	790	860	1200	1070	1110	834	720	1250	609
15	867	878	380	730	800	1200	1020	1020	856	710	1030	700
16	867	900	620	680	840	1200	1020	1020	801	801	948	1100
17	878	867	850	730	940	1500	996	1010	948	1020	845	996
18	889	867	1100	700	1000	1800	1020	1240	1100	2310	878	878
19	889	900	1100	640	1100	1300	996	2510	1030	2530	950	801
20	936	900	970	640	1100	1100	948	1210	889	1280	900	834
21	996	936	720	690	1200	1000	924	1280	867	1300	790	912
22	960	900	640	750	1100	1400	912	1210	780	1400	770	1180
23	900	889	650	770	1200	1800	900	1120	740	8090	720	1150
24	878	972	740	790	1200	2400	900	1110	663	2470	700	1080
25	878	984	760	680	1200	2300	878	1050	638	1690	700	1030
26	878	924	700	430	1100	1920	790	1110	584	1400	720	996
27	867	878	740	520	1300	1690	780	1120	552	1270	750	936
28	878	867	800	720	1800	1400	889	1220	560	1050	900	912
29	878	936	830	750	....	1110	1070	1190	568	856	889	878
30	889	912	800	780	....	1220	1020	1120	536	740	812	900
31	867	....	790	810	....	1430	....	948	....	700	800	....
Mean	870	886	744	689	996	1268	1081	1189	756	1565	902	796
Max.	1150	984	1100	880	1800	2400	1540	2510	1100	8090	1610	1180
Min.	681	801	240	300	700	120	780	912	536	513	663	513
A.F.	53520	52730	45760	42350	55320	77990	64350	73110	44970	96220	55450	47380

Total acre-feet 709150.

LOUP RIVER, NORTH, NEAR ST. PAUL—Sec. 22-15-10 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	742	805	851	690	700	1800	1430	920	920	533	745	729
2	742	828	828	680	700	1300	1500	946	874	574	737	737
3	732	816	862	470	760	1100	1640	985	920	824	713	718
4	700	828	886	260	760	1300	1430	1010	851	662	745	689
5	700	828	874	290	790	2300	1230	1140	874	710	817	673
6	742	816	897	250	790	2000	1100	1280	886	784	769	623
7	752	805	908	430	840	1600	1100	1330	816	721	834	616
8	752	805	820	590	910	350	1050	1660	732	837	924	623
9	752	805	760	710	990	210	1110	1780	672	10200	982	602
10	946	805	650	760	990	220	1120	1460	614	2350	1210	588
11	1080	840	600	780	990	350	1020	1390	596	1280	1380	556
12	1100	836	390	780	970	740	1020	1280	578	1850	1060	550
13	1050	920	250	760	940	1100	998	1390	569	1010	1340	538
14	920	920	180	730	890	1300	1010	1250	752	934	1280	602
15	862	862	390	700	850	1300	998	1120	794	852	1140	658
16	851	836	660	680	830	1400	998	1060	742	1090	991	870
17	851	874	1000	650	870	1600	959	1040	972	1230	897	1160
18	862	874	1100	680	960	1600	998	1020	972	2540	861	1010
19	874	862	1100	730	1100	1500	1010	2270	998	3090	962	982
20	897	851	1100	720	1200	1100	998	1340	897	1480	962	962
21	972	851	890	770	1200	1200	959	1360	851	1270	897	1010
22	933	840	720	780	1100	1800	908	1260	794	1270	817	1100
23	920	828	650	800	1100	3500	886	1170	763	6590	761	1210
24	851	816	660	820	1300	2600	886	1040	681	2570	705	1100
25	851	862	760	850	1300	2050	946	946	605	1210	689	982
26	840	840	690	580	1200	1780	897	985	560	1060	705	934
27	828	805	690	640	1300	2020	862	998	560	962	760	924
28	828	805	710	690	1700	1550	920	1140	551	915	915	870
29	840	816	780	740	....	1200	1110	1220	551	852	852	843
30	840	840	810	790	....	1110	1050	1170	551	817	753	843
31	840	....	810	720	....	1230	....	998	....	769	745	....
Mean	853	841	751	662	1001	1426	1071	1223	750	1675	902	812
Max.	1100	920	1100	850	1700	3500	1640	2270	998	10200	1380	1210
Min.	700	805	180	250	700	210	862	920	551	533	689	550
A.F.	52460	50020	46170	40700	55600	87690	63750	75230	44620	103000	55450	48300

Total acre-feet 722990.

BUREAU OF IRRIGATION

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LOUP RIVER, SOUTH, NEAR CUMRO—Sec. 4-12-18 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	122	146	144	110	120	202	198	158	165	118	128	117
2	124	147	144	110	120	204	196	158	160	118	128	118
3	124	147	146	95	120	204	200	158	155	122	128	117
4	124	147	147	85	130	198	202	155	158	128	129	115
5	125	149	149	110	140	200	196	176	149	128	131	119
6	128	147	152	120	140	204	194	185	144	138	131	122
7	129	149	152	130	150	170	192	194	138	129	131	122
8	131	150	155	130	160	160	189	235	131	129	152	121
9	134	149	140	130	150	150	187	218	129	388	147	119
10	144	149	130	130	150	150	187	198	128	252	131	118
11	177	149	95	130	150	160	185	185	124	206	126	118
12	153	149	90	130	150	120	179	187	124	163	138	122
13	146	149	110	130	160	130	179	200	124	136	208	122
14	141	149	120	120	170	180	172	200	132	131	146	121
15	141	152	130	120	160	230	163	181	152	124	131	129
16	141	152	130	120	160	240	172	170	144	121	126	141
17	141	152	140	120	190	230	177	165	234	128	124	141
18	141	150	150	120	270	218	179	181	235	153	125	141
19	142	149	140	130	310	216	172	252	170	192	165	153
20	146	149	140	130	270	204	172	189	150	146	129	172
21	146	150	130	130	230	198	167	192	140	232	122	152
22	146	150	120	150	240	192	158	176	134	206	122	146
23	146	146	130	150	210	200	152	167	131	256	117	144
24	146	144	140	140	190	214	153	158	126	179	115	140
25	142	144	130	140	200	226	158	158	121	163	115	140
26	141	146	130	120	230	235	153	161	115	163	124	138
27	141	146	130	120	220	220	149	170	119	157	125	136
28	141	146	130	120	210	220	155	240	119	147	134	136
29	141	147	130	110	...	214	163	205	119	142	124	138
30	141	144	120	110	...	202	165	183	119	138	121	138
31	142	...	110	110	...	200	...	172	...	134	118	...
Mean	140	148	132	123	182	196	175	185	143	163	132	132
Max.	177	152	155	150	310	240	202	252	235	388	208	172
Min.	122	144	90	85	120	120	149	155	115	118	115	115
A.F.	8580	8810	8140	7540	10120	12080	10440	11370	8500	10030	8110	7850

Total acre-feet 111570.

LOUP RIVER, SOUTH, AT RAVENNA—Sec. 17-12-14 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	134	155	160	170	150	240	250	188	220	130	150	128
2	146	154	158	170	150	220	250	188	195	132	138	122
3	140	166	148	100	150	210	276	192	185	138	134	120
4	138	158	146	50	150	260	276	208	178	126	150	116
5	134	178	158	60	150	270	259	229	162	154	142	110
6	134	174	150	80	150	244	259	244	156	124	140	108
7	132	180	160	110	160	200	247	250	150	122	140	104
8	132	180	160	130	180	160	247	272	148	122	136	108
9	158	164	150	140	200	150	247	328	152	1060	156	112
10	200	180	140	140	200	120	247	300	146	406	144	116
11	180	188	130	130	200	120	247	262	140	276	138	118
12	185	188	65	140	220	130	235	253	138	425	118	132
13	170	182	90	140	220	160	253	253	136	208	130	138
14	185	176	110	140	220	170	226	244	140	180	168	134
15	172	172	160	130	220	240	195	250	134	190	130	166
16	162	168	140	110	200	350	217	220	154	180	126	174
17	160	176	150	110	200	380	214	226	146	185	164	182
18	158	182	150	110	400	335	223	235	772	202	144	182
19	174	175	140	120	370	328	223	444	272	296	463	229
20	170	168	140	130	440	328	208	324	188	205	211	553
21	160	162	150	120	350	314	205	265	168	235	134	208
22	148	168	160	130	280	304	185	229	148	480	132	136
23	156	168	140	130	270	276	174	229	152	718	138	122
24	158	172	130	140	230	290	185	200	152	347	132	140
25	158	154	130	160	230	286	182	205	140	211	128	136
26	156	152	130	150	220	296	176	208	130	198	128	148
27	160	166	130	110	240	290	178	229	124	185	134	152
28	160	160	150	100	250	256	188	398	128	176	137	144
29	160	158	160	100	...	253	220	495	128	164	140	140
30	165	160	170	120	...	241	208	286	128	152	132	144
31	160	...	170	130	...	241	...	241	...	152	134	...
Mean	158	169	143	123	229	247	223	269	177	254	151	154
Max.	200	188	170	170	440	380	276	455	772	1060	463	553
Min.	132	152	65	50	150	120	174	182	124	122	118	104
A.F.	9730	10080	8780	7540	12690	15200	13290	15980	10530	15630	9300	9170

Total acre-feet 137900.

REPORT OF THE STATE ENGINEER

LOUP RIVER, SOUTH, AT ST. MICHAEL—Sec. 12-11-13 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	140	187	187	190	180	370	309	228	306	152	174	174
2	144	187	190	200	170	360	299	223	277	138	170	176
3	148	190	192	170	170	340	312	223	260	148	174	176
4	154	192	197	130	180	380	306	235	247	138	174	168
5	160	197	197	120	170	384	283	274	230	168	170	156
6	162	192	180	85	170	331	283	290	211	168	172	152
7	166	192	180	110	180	290	286	286	202	158	194	148
8	166	192	170	130	210	210	286	338	194	152	176	144
9	174	190	170	140	230	150	286	442	185	761	172	142
10	214	194	170	150	250	150	296	380	185	860	192	146
11	233	192	140	160	250	150	283	328	187	565	172	150
12	258	194	100	160	280	150	272	299	190	537	182	158
13	216	202	120	180	300	180	255	299	190	424	674	170
14	194	192	140	180	300	200	258	296	223	331	1190	176
15	192	192	170	170	310	250	247	283	218	260	644	216
16	187	190	180	160	290	420	252	277	238	233	331	235
17	192	192	200	150	280	400	242	260	336	221	228	214
18	187	194	190	140	320	366	238	335	1320	223	240	211
19	187	194	180	140	530	344	235	882	748	250	392	216
20	194	194	180	150	530	348	223	570	309	325	328	628
21	192	187	170	150	520	341	223	470	218	550	260	452
22	192	192	170	160	460	315	218	404	202	786	197	293
23	190	199	170	160	430	328	218	325	190	1270	180	230
24	192	190	160	170	450	369	223	255	194	1580	172	202
25	187	192	170	180	380	392	216	255	187	845	168	197
26	192	192	180	180	380	429	216	252	166	501	176	190
27	192	190	180	180	380	392	211	266	152	338	182	178
28	192	187	170	170	350	355	197	365	156	286	194	182
29	192	190	180	150	...	318	230	465	150	228	190	182
30	197	190	180	170	...	293	235	358	144	204	194	178
31	192	...	190	180	...	283	...	312	...	187	185	...
Mean	186	192	173	157	309	309	255	338	267	419	266	208
Max.	258	202	200	200	530	429	312	882	1320	1580	1190	628
Min.	140	187	100	85	170	150	197	223	144	138	168	142
A.F.	11460	11420	10620	9650	17160	19020	15150	20780	15900	25760	16360	12380

Total acre-feet 185660.

MEDICINE CREEK ABOVE MEDICINE CREEK RESERVOIR—Sec. 12-6-27 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	34	65	65	61	45	72	65	68	55	40	80	51
2	45	65	65	61	46	70	68	68	48	46	58	48
3	96	65	64	60	46	70	78	68	44	44	54	46
4	96	65	64	60	46	68	88	68	49	185	58	45
5	96	65	63	59	50	65	88	78	48	170	54	42
6	96	66	62	59	55	60	80	82	48	75	54	40
7	96	66	62	58	60	60	75	82	47	64	49	39
8	93	66	61	52	60	55	70	389	46	53	48	38
9	91	66	60	52	59	50	68	88	45	47	48	38
10	88	66	59	51	58	50	68	79	44	46	48	40
11	86	66	66	50	58	60	67	73	44	47	46	41
12	84	66	66	49	61	80	66	73	47	127	46	42
13	82	67	67	58	56	100	65	73	46	52	45	46
14	81	67	67	48	56	90	64	61	45	42	43	51
15	80	68	68	48	60	80	64	59	43	40	43	101
16	78	68	68	47	70	70	70	59	59	38	44	56
17	77	68	68	46	76	65	75	59	77	90	44	55
18	76	68	56	45	81	70	74	59	60	79	43	53
19	75	68	56	46	101	70	70	59	62	62	48	52
20	74	68	56	48	91	70	68	56	60	56	44	49
21	73	67	56	50	80	70	71	56	53	353	44	49
22	71	67	56	45	76	70	67	57	48	168	42	49
23	70	67	56	45	71	75	67	53	45	130	42	49
24	69	66	56	46	70	75	71	52	40	78	41	46
25	68	66	61	46	71	70	67	50	33	85	40	45
26	67	66	61	46	71	70	65	57	36	418	51	45
27	66	66	62	47	72	75	67	63	35	430	48	45
28	65	66	63	47	72	75	67	84	42	271	48	45
29	64	65	64	43	...	70	67	385	41	150	180	46
30	65	65	64	45	...	70	67	145	40	145	103	46
31	65	...	64	45	...	65	...	67	...	400	60	...
Mean	76	66	62	51	65	70	70	89	48	130	55	48
Max.	96	68	68	61	101	100	88	389	77	430	180	101
Min.	34	65	56	45	45	50	64	50	33	38	40	38
A.F.	4690	3950	3820	3110	3610	4280	4180	5490	2840	8000	3360	2850

Total acre-feet 50180.

BUREAU OF IRRIGATION

549

MEDICINE CREEK BELOW MEDICINE CREEK RESERVOIR—Sec. 25-5-26 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	5	3	4	5	4	4	4	4	4	4	5
2	4	5	3	4	5	5	4	4	4	4	4	5
3	3	5	3	4	5	4	4	4	4	4	4	5
4	2	6	2	4	5	4	4	4	3	6	5	5
5	2	6	3	4	5	4	4	4	3	4	4	5
6	4	6	3	4	5	4	4	4	3	4	4	5
7	6	6	3	4	5	4	4	4	3	5	4	5
8	6	4	3	4	5	4	4	4	3	6	4	5
9	7	4	3	4	5	4	4	4	3	4	4	5
10	20	4	3	4	5	4	4	4	4	4	3	5
11	6	8	2	4	5	4	4	4	3	4	4	5
12	6	13	2	4	5	4	4	6	3	3	3	5
13	6	15	2	4	5	4	4	4	3	3	3	5
14	5	17	2	4	5	4	4	3	3	3	3	5
15	6	20	3	5	5	4	4	4	3	3	3	5
16	6	26	3	5	5	4	4	4	3	3	3	5
17	6	30	3	5	5	4	4	4	3	3	3	5
18	6	29	3	5	5	4	4	4	3	3	3	5
19	6	28	3	5	5	4	4	4	4	4	4	5
20	6	26	3	5	5	4	4	4	4	4	4	5
21	6	26	3	5	5	4	4	4	4	4	4	5
22	6	28	3	5	5	4	4	4	4	4	4	5
23	6	26	3	5	5	3	4	4	4	4	4	5
24	6	12	3	5	5	3	4	4	4	5	5	5
25	6	6	4	5	5	3	4	4	3	4	5	5
26	6	4	4	5	5	4	4	4	3	3	5	5
27	6	4	4	5	5	4	4	4	3	3	5	5
28	6	4	4	5	5	4	4	10	4	3	4	5
29	6	3	4	5	5	4	4	4	4	4	5	5
30	6	3	4	5	5	4	4	4	4	4	5	5
31	5	.	4	5	.	4	.	4	.	4	5	.
Mean	6	13	3	5	5	4	4	4	3	4	4	5
Max.	20	30	4	5	5	5	4	10	4	6	5	6
Min.	2	3	2	4	5	3	4	3	3	3	3	5
A.F.	360	750	190	280	280	240	240	260	200	240	250	300

Total acre-feet 3590.

MELBETA DRAIN—Sec. 13-21-54 W.
Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	2	4	17	10	8
2	2	6	8	14	6
3	2	12	37	15	8
4	2	12	4	8	3
5	2	14	11	14	8
6	3	8	7	19	8
7	4	10	14	14	14
8	4	6	16	4	17
9	2	8	11	0	16
10	2	11	2	0	20
11	2	14	3	2	45
12	2	8	1	2	58
13	2	13	1	4	30
14	2	15	1	0	51
15	2	15	0	0	72
16	7	17	3	0	58
17	2	62	4	0	16
18	0	78	2	3	16
19	1	25	9	3	16
20	2	43	15	5	9
21	12	54	10	6	5
22	4	61	13	2	4
23	0	32	13	7	6
24	2	68	14	0	6
25	4	17	0	11	6
26	19	37	9	11	5
27	2	12	7	16	4
28	5	19	10	16	4
29	3	5	11	12	5
30	4	7	15	12	4
31	4	.	20	9	.
Mean	3	23	9	7	18
Max.	19	78	37	19	72
Min.	0	4	0	0	3
A.F.	210	1370	570	430	1050

REPORT OF THE STATE ENGINEER

MINNECHADUZA CREEK AT VALENTINE—Sec. 23-34-29 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	29	29	31	30	50	77	48	44	24	34	19
2	31	27	34	19	21	27	73	72	15	18	8	30
3	9	20	34	28	20	39	77	63	35	39	12	46
4	29	40	27	22	24	50	82	64	20	7	26	6
5	28	33	29	21	22	52	76	56	24	11	7	11
6	26	6	26	19	24	52	54	57	31	38	37	40
7	28	50	20	21	14	61	57	86	41	33	6	13
8	30	34	28	5	24	12	63	104	5	12	21	16
9	23	23	15	26	25	34	47	134	17	33	16	21
10	48	27	37	24	24	40	45	157	22	21	14	20
11	41	20	28	22	32	28	43	126	17	29	40	9
12	51	32	28	22	24	41	71	111	35	15	29	34
13	47	40	14	24	33	22	62	70	26	25	63	36
14	57	17	20	23	17	8	54	91	21	21	45	38
15	40	40	27	8	22	33	56	52	52	17	85	18
16	50	30	18	38	34	56	84	47	13	27	100	16
17	41	28	30	21	34	48	59	68	43	21	86	45
18	48	27	30	19	41	49	68	36	30	37	42	12
19	36	41	29	20	36	31	45	50	45	24	41	65
20	21	18	22	22	55	53	62	48	55	48	43	7
21	45	23	23	23	57	80	24	57	22	39	21	58
22	9	27	26	5	33	27	55	42	31	17	42	24
23	48	37	21	16	44	64	53	35	39	32	21	31
24	32	26	29	25	52	138	19	50	7	37	6	44
25	40	40	25	21	34	161	42	32	28	24	41	44
26	17	18	26	19	48	165	51	41	12	21	7	46
27	40	45	28	23	47	82	38	38	33	31	52	41
28	30	22	17	21	55	48	47	29	26	7	17	31
29	36	31	22	5	..	80	54	31	21	16	30	26
30	38	36	23	29	..	58	28	30	25	38	39	41
31	15	..	25	22	..	68	..	30	..	6	26	..
Mean	34	30	26	21	33	57	56	63	28	25	34	30
Max.	57	50	37	38	57	165	84	157	55	48	100	65
Min.	9	6	14	5	14	8	19	29	5	6	6	6
A.F.	2080	1720	1570	1290	1840	3490	3300	3880	1660	1520	2100	1760

Total acre-feet 26210.

MUD CREEK NEAR BROKEN BOW—Sec. 11-16-20 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	1	1	1	2	1	1	1	2	1
2	0	1	1	1	1	1	1	1	1	1	2	1
3	0	1	1	1	1	1	1	1	1	1	2	1
4	0	1	1	1	1	1	2	4	1	4	2	1
5	0	1	1	1	1	1	2	2	1	1	2	1
6	0	1	1	1	1	1	2	1	1	1	2	1
7	0	1	1	1	1	1	2	1	1	1	2	1
8	0	1	1	1	1	1	2	4	1	2	2	1
9	1	1	1	1	1	1	2	2	1	15	8	1
10	1	1	1	1	1	0	2	1	1	4	3	1
11	1	1	2	1	1	0	2	1	1	2	3	1
12	1	1	1	1	1	0	2	1	1	3	116	1
13	1	1	1	1	1	1	2	2	1	1	7	1
14	1	1	1	1	0	1	2	1	6	1	2	1
15	1	1	1	1	0	1	2	1	1	1	2	2
16	1	1	1	1	1	1	2	1	1	1	2	1
17	1	1	1	1	1	1	1	1	3	1	2	1
18	1	1	1	1	4	1	1	3	2	5	2	1
19	1	1	1	1	4	1	1	3	1	9	2	1
20	1	1	1	1	3	1	1	3	1	4	2	1
21	1	1	1	1	1	2	1	2	1	48	1	1
22	1	1	1	1	2	2	1	1	1	10	1	1
23	1	1	1	1	1	3	1	1	1	119	1	1
24	1	1	1	1	1	6	1	1	1	18	1	1
25	1	1	1	1	1	9	1	1	1	27	1	1
26	1	1	1	1	1	3	1	1	1	6	2	1
27	1	1	1	1	1	2	1	2	1	3	2	1
28	1	1	1	0	1	2	1	5	1	2	2	1
29	1	1	1	1	..	2	2	2	1	2	1	1
30	1	1	1	1	..	2	1	2	1	2	1	1
31	1	..	1	1	..	3	..	..	..	2	1	1
Mean	1	1	1	1	1	2	2	2	1	10	6	1
Max.	1	1	2	1	4	9	2	5	6	119	116	2
Min.	0	1	1	0	0	0	1	1	1	1	1	1
A.F.	42	50	46	41	64	101	93	113	73	596	355	70

Total acre-feet 1640.

BUREAU OF IRRIGATION

551

MUD CREEK NEAR SWEETWATER—Sec. 3-12-15 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	19	24	21	25	36	60	35	42	23	41	40
2	18	22	24	20	26	32	52	35	42	23	38	36
3	18	22	25	13	26	28	57	34	38	23	39	33
4	18	22	25	12	26	49	55	33	34	24	36	30
5	17	22	24	13	26	58	48	36	33	31	35	30
6	18	22	22	13	26	64	44	35	32	48	48	28
7	18	22	18	14	26	49	46	36	31	35	46	28
8	18	22	18	15	26	33	48	46	30	30	40	29
9	19	22	19	16	26	27	48	152	30	350	35	28
10	26	22	20	17	26	25	48	72	29	880	32	28
11	49	23	20	18	26	20	46	52	28	258	37	28
12	34	23	20	20	27	23	43	40	28	174	123	28
13	23	23	19	19	27	25	42	40	27	177	1010	29
14	22	23	20	19	26	25	42	37	32	78	779	29
15	22	23	23	19	22	29	41	34	34	48	361	32
16	21	25	23	19	19	33	42	33	40	37	103	34
17	21	24	23	19	30	41	42	32	161	32	128	32
18	21	24	24	19	81	41	42	51	566	32	95	34
19	22	24	24	19	77	41	39	202	122	42	166	36
20	22	25	23	19	76	39	38	249	47	136	248	175
21	22	26	23	19	75	37	36	160	35	237	72	80
22	22	25	22	19	80	43	35	101	30	280	54	40
23	22	25	22	19	84	50	34	64	30	798	48	36
24	22	25	23	19	60	68	34	52	32	1030	43	35
25	23	25	23	19	63	86	34	42	27	429	39	34
26	23	25	23	19	67	107	33	37	25	252	38	34
27	23	24	23	19	49	77	32	36	24	145	40	34
28	23	25	22	19	43	54	32	57	24	93	42	33
29	23	25	23	20	..	45	34	151	24	64	42	33
30	23	25	24	23	..	46	35	84	23	54	44	32
31	22	..	23	24	..	59	..	52	..	48	39	..
Mean	22	24	22	18	42	45	42	68	57	191	127	39
Max.	49	26	25	24	84	107	60	249	566	1030	1010	175
Min.	17	19	18	12	19	20	32	32	23	23	32	28
A.F.	1370	1400	1370	1120	2360	2760	2500	4200	3370	11720	7820	2300

Total acre-feet 42290.

NEMAHA RIVER AT FALLS CITY—Sec. 22-1-16 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	118	118	98.	140	55	318	92	80	821	72	102	192
2	116	107	100	120	50	259	86	82	496	233	166	176
3	114	102	98	80	60	329	82	72	447	164	192	157
4	109	95	98	80	65	197	138	74	404	159	538	143
5	98	90	97	90	65	188	128	1330	335	130	94	126
6	94	114	98	100	75	180	132	506	230	83	92	116
7	95	109	97	75	90	185	134	805	208	83	120	110
8	95	105	65	75	100	120	130	390	213	83	320	108
9	94	111	58	95	120	85	120	16400	338	784	676	104
10	105	114	138	95	160	90	104	6360	760	1200	475	96
11	95	109	153	90	200	110	94	1590	329	428	524	102
12	149	128	62	90	280	120	76	660	239	420	320	106
13	130	126	84	95	200	160	68	461	171	2060	3900	102
14	116	116	62	95	200	160	68	332	157	380	6030	98
15	111	107	58	90	250	158	68	284	143	404	8620	94
16	109	104	126	90	250	142	69	242	152	242	3180	92
17	109	95	114	80	300	120	70	197	760	1400	370	88
18	109	98	104	70	350	109	72	157	980	2880	503	94
19	104	104	122	75	382	113	75	197	350	828	616	230
20	256	109	114	85	382	136	69	181	308	618	552	368
21	825	105	95	90	690	149	69	2170	239	835	216	440
22	534	105	100	90	570	140	74	2440	205	468	202	514
23	221	102	105	90	398	145	74	695	134	227	86	305
24	165	102	95	95	273	197	72	296	118	166	148	244
25	145	105	100	60	434	221	70	2990	118	166	584	116.
26	134	105	95	50	197	200	70	2110	98	169	736	85
27	126	100	90	55	151	178	74	1240	88	230	538	76
28	120	104	85	85	188	172	75	660	81	148	509	214
29	118	104	100	65	..	165	74	4060	76	128	704	3630
30	111	102	120	65	..	156	94	3980	62	118	506	2000
31	109	..	150	65	..	124	..	2060	..	106	284	..
Mean	159	106	99	84	233	165	87	1713	302	497	1029	344
Max.	825	128	153	140	690	329	138	16400	980	2880	8620	3630
Min.	94	90	58	50	50	85	68	72	62	72	86	76
A.F.	9790	6340	6110	5200	12920	10170	5200	105300	17970	30570	63280	20400

Total acre-feet 293330.

REPORT OF THE STATE ENGINEER

NEMAHA, LITTLE, RIVER AT AUBURN—Sec. 23-5-14 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	56	68	55	45	40	444	71	56	142	96	2760	72
2	54	68	53	45	40	104	73	55	112	73	238	67
3	54	68	53	45	40	340	75	55	104	55	190	63
4	55	68	50	40	40	194	102	55	97	48	110	62
5	56	65	45	35	40	277	92	4940	91	47	76	60
6	71	63	30	30	40	194	65	523	87	46	240	59
7	65	62	30	30	40	162	72	158	84	44	1190	56
8	60	62	30	40	55	75	66	777	75	42	3370	53
9	53	60	30	40	50	143	65	44900	2780	110	382	56
10	63	59	40	40	45	156	63	2300	338	146	184	60
11	68	58	40	45	45	125	54	1300	118	100	86	59
12	69	71	25	45	50	120	59	700	100	4060	158	58
13	69	63	40	45	50	117	56	400	87	1130	166	58
14	65	62	40	40	50	132	52	226	1010	460	1740	60
15	61	62	40	40	45	139	51	199	708	170	4540	62
16	62	62	40	40	45	127	50	172	150	178	666	65
17	61	61	40	40	40	110	50	146	1950	183	420	66
18	62	60	40	40	45	104	56	145	948	250	267	67
19	66	60	40	40	45	96	61	145	197	182	164	90
20	72	59	40	40	95	81	58	210	120	145	108	2160
21	74	59	45	45	170	81	49	292	95	100	103	1540
22	77	58	45	45	190	108	50	200	89	96	90	236
23	80	58	45	50	130	127	50	130	83	92	86	100
24	72	58	45	55	130	204	50	91	79	88	84	83
25	69	57	45	50	150	183	65	1670	71	85	81	75
26	69	57	45	45	170	130	73	357	65	80	86	73
27	68	57	40	40	410	99	68	231	59	74	91	72
28	68	57	45	45	1250	85	46	540	55	69	1040	80
29	68	57	40	40	....	77	53	1220	52	52	294	1620
30	69	56	40	40	....	67	53	1420	55	118	92	295
31	68	....	40	40	....	72	....	181	....	....	83	....
Mean	65	61	42	42	126	144	62	2058	333	280	618	251
Max.	80	71	55	55	1250	444	102	44900	2780	4060	4540	2160
Min.	53	56	25	25	40	67	46	55	52	42	76	53
A.F.	4010	3640	2550	2570	7020	8880	3670	126500	19830	17190	37990	14930

Total acre-feet 248780.

NEW YORK CREEK AT HERMAN—Sec. 32-20-11 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	2	1	0	0	10	2	1	1	1	2	2
2	1	2	1	0	0	10	2	1	13	1	2	1
3	1	1	1	0	0	10	2	1	1	1	2	1
4	1	2	0	0	0	10	1	1	1	1	2	1
5	1	2	0	0	0	10	0	85	1	1	8	1
6	1	2	1	0	0	5	0	2	1	1	4	1
7	1	2	2	0	0	3	0	2	0	1	23	1
8	1	2	0	0	5	3	0	2	1	1	8	1
9	1	2	0	0	0	3	0	2	1	1	3	1
10	38	2	0	0	0	3	1	2	1	2	2	2
11	2	2	1	0	0	3	1	2	1	1	3	2
12	2	2	0	0	0	3	1	2	1	69	256	1
13	2	1	0	0	0	3	1	2	1	2	5	2
14	2	1	0	0	0	3	1	2	30	1	4	2
15	2	1	0	0	0	3	1	2	1	819	278	2
16	2	1	0	0	0	3	1	2	1	150	6	2
17	2	1	0	0	0	3	1	2	1	1	18	1
18	2	1	1	0	0	3	1	2	30	250	4	1
19	3	1	2	0	0	3	1	2	2	1	1	1
20	8	1	2	0	0	3	1	2	2	1	3	1
21	4	0	0	0	0	3	1	2	1	10	3	5
22	2	0	0	0	0	3	1	2	1	4	3	2
23	2	1	0	0	0	3	2	2	1	2	3	1
24	2	1	0	0	0	3	2	2	1	2	2	1
25	2	1	0	0	0	3	2	4	0	2	2	1
26	2	1	0	0	0	3	2	2	0	2	2	1
27	2	1	0	0	10	4	1	1	0	2	4	2
28	2	1	0	0	900	4	1	1	1	2	3	2
29	2	1	0	0	....	4	5	3	1	2	2	2
30	1	1	0	0	....	4	1	2	1	2	2	2
31	1	....	0	0	....	3	....	1	....	51	2	....
Mean	3	1	1	0	33	4	1	4	3	45	21	1
Max.	38	2	2	0	900	10	5	85	30	218	278	49
Min.	1	0	0	0	0	3	0	1	0	1	2	1
A.F.	182	78	45	18	1830	263	71	274	191	2750	1320	84

Total acre-feet 7100.

BUREAU OF IRRIGATION

553

NINE MILE DRAIN NEAR MCGREW—Sec. 23-21-53 W. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	274	132	118	96	90	84	69	67	128	140	198	238
2	257	132	117	93	93	85	70	66	129	145	200	196
3	205	131	114	89	90	84	71	74	129	144	200	196
4	183	130	113	90	90	82	70	71	128	149	194	188
5	181	129	113	89	91	81	71	81	127	149	220	184
6	183	127	111	89	89	79	72	99	119	159	296	185
7	183	127	111	89	87	76	70	107	118	158	244	192
8	178	127	111	90	85	78	70	110	121	169	209	201
9	170	126	111	89	84	76	72	81	116	167	200	228
10	173	126	112	89	85	78	76	101	111	161	195	236
11	162	124	107	89	85	78	75	101	116	180	189	232
12	160	123	108	88	85	80	75	93	110	159	194	242
13	157	123	108	88	85	81	73	94	106	159	201	242
14	157	123	109	88	85	84	71	96	105	163	195	250
15	157	123	111	85	85	87	71	97	111	167	195	278
16	156	120	111	85	85	86	71	92	110	171	190	289
17	156	121	111	85	85	84	70	90	122	172	191	323
18	157	120	111	86	84	85	69	88	132	184	195	289
19	158	118	105	86	85	86	71	89	141	176	195	265
20	159	116	100	89	85	86	71	81	149	183	203	288
21	156	116	100	93	84	85	71	86	146	185	198	271
22	156	116	99	93	83	85	69	89	152	218	191	250
23	155	115	99	95	84	81	68	81	154	196	195	222
24	156	116	100	94	82	80	64	85	149	218	193	221
25	148	116	98	93	82	78	65	109	144	248	294	224
26	148	117	99	93	84	81	65	114	141	236	528	216
27	141	118	98	94	85	78	64	122	144	208	239	239
28	141	118	99	94	85	73	66	137	143	203	230	274
29	141	119	98	93	..	71	68	151	137	198	316	269
30	133	120	99	91	..	68	68	136	137	203	300	250
31	133	..	98	89	..	69	..	137	..	204	278	..
Mean	167	122	106	90	86	80	70	98	129	179	228	239
Max.	274	132	118	96	93	87	76	151	154	248	528	323
Min.	133	115	98	85	82	68	64	66	105	140	189	184
A.F.	10270	7280	6540	5540	4760	4940	4160	6000	7690	11010	14020	14240

Total acre-feet 96450.

NIOBRARA RIVER ABOVE BOX BUTTE RESERVOIR—Sec. 27-29-50 W. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	20	34	45	40	60	67	52	15	20	20	13
2	16	18	35	44	40	55	63	57	12	15	19	12
3	16	19	37	40	40	55	58	56	10	17	18	10
4	19	19	43	40	40	56	56	55	10	18	18	10
5	17	22	49	40	41	55	58	83	10	18	22	10
6	18	22	51	40	43	55	64	61	10	18	23	10
7	20	20	54	40	45	55	63	63	10	18	22	10
8	14	19	50	40	45	50	60	67	10	17	20	9
9	15	19	50	40	44	50	63	70	10	12	17	10
10	18	28	50	40	45	50	71	67	10	12	17	11
11	14	31	50	40	46	46	74	63	10	12	18	11
12	15	41	50	40	45	50	74	58	10	10	23	11
13	14	36	45	35	46	50	72	51	10	10	25	10
14	14	26	45	35	47	50	71	49	10	10	25	11
15	14	24	45	35	47	55	68	49	10	10	18	12
16	17	28	40	40	47	50	66	49	9	10	16	13
17	21	29	40	40	49	60	64	49	9	10	14	12
18	21	29	35	40	49	66	61	46	10	11	19	25
19	23	26	35	40	51	63	59	39	10	10	20	28
20	23	25	35	40	55	64	57	33	17	10	21	30
21	23	28	40	41	56	63	55	28	23	15	23	30
22	26	27	45	43	57	63	53	24	20	17	23	28
23	24	28	45	44	61	63	51	11	16	20	22	25
24	24	28	45	40	57	62	47	11	15	20	19	24
25	23	31	45	40	61	63	45	14	13	21	20	22
26	24	33	45	40	63	65	43	18	20	21	21	22
27	24	33	45	40	63	65	43	15	21	20	18	23
28	26	35	43	40	60	65	44	19	20	22	12	25
29	26	35	43	40	..	65	45	21	20	23	12	27
30	16	35	43	40	..	59	47	17	22	22	14	26
31	17	..	43	40	..	73	..	16	..	21	14	..
Mean	19	27	44	40	49	58	59	42	13	16	19	17
Max.	26	41	54	45	63	73	74	83	23	23	25	30
Min.	14	18	34	35	40	46	43	11	9	10	12	9
A.F.	1190	1610	2700	2460	2740	3570	3490	2600	796	968	1180	1030

Total acre-feet 24330.

REPORT OF THE STATE ENGINEER

 NIOBRARA RIVER BELOW BOX BUTTE RESERVOIR—Sec. 28-29-49 W.
 Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	1	0	0	0	1	1	1	1	98	84	37
2	4	1	1	0	0	1	1	1	1	102	94	37
3	2	1	1	0	0	1	1	1	1	106	114	41
4	1	1	1	0	0	1	1	1	1	112	123	61
5	1	1	1	0	0	1	1	1	1	41	122	123
6	1	0	1	0	0	1	1	1	1	69	123	93
7	1	0	1	0	0	1	1	1	1	69	127	125
8	1	0	1	0	0	1	1	1	1	90	132	122
9	1	0	1	0	0	1	1	2	2	131	137	122
10	0	0	1	0	0	1	1	2	2	142	141	125
11	0	0	0	0	0	1	1	2	2	150	145	133
12	0	0	0	0	0	1	1	2	2	158	150	136
13	0	0	0	0	0	1	1	2	2	172	143	136
14	0	0	0	0	0	1	1	2	2	169	138	138
15	0	0	0	0	0	1	1	2	2	158	133	133
16	0	0	0	0	0	1	1	2	2	147	142	125
17	0	0	0	0	0	1	1	1	1	136	148	128
18	0	0	0	0	0	1	1	1	1	128	147	127
19	0	0	1	0	0	1	1	1	1	122	143	120
20	0	0	1	0	0	1	1	1	1	99	135	122
21	0	0	1	0	0	1	1	2	2	77	119	131
22	0	0	0	0	0	1	2	2	2	72	119	138
23	0	0	0	0	0	1	1	1	1	71	122	136
24	0	1	0	0	0	1	1	1	1	69	126	136
25	0	1	1	0	1	1	1	1	1	57	129	123
26	1	1	1	0	1	1	1	1	1	57	111	54
27	0	1	0	0	1	1	1	1	1	73	96	50
28	1	1	0	0	1	1	1	1	1	81	96	46
29	1	0	0	0	0	1	1	1	1	80	84	40
30	1	0	0	0	0	1	1	1	1	92	84	41
31	1	0	0	0	0	1	1	1	1	86	41	0
Mean	1	1	0	0	0	1	1	1	1	90	122	109
Max.	4	1	1	0	1	1	2	2	2	172	150	138
Min.	0	0	0	0	0	1	1	1	1	84	40	0
A.F.	51	33	32	22	27	62	70	82	5380	7530	6730	2070

Total acre-feet 22090.

 NIOBRARA RIVER NEAR HAY SPRINGS—Sec. 23-29-46 W.
 Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	23	18
2	22	22	11
3	16	16	10
4	16	16	8
5	15	87	11
6	13	76	11
7	11	39	16
8	29	18	15
9	27	15	15
10	23	15	27
11	20	15	20
12	22	27	27
13	20	488	22
14	18	106	23
15	18	54	45
16	10	18	37
17	25	20	27
18	50	20	25
19	54	18	27
20	50	20	25
21	54	18	23
22	54	22	20
23	41	20	15
24	41	25	15
25	35	77	235
26	31	20	454
27	27	20	73
28	27	20	41
29	27	23	35
30	22	31	37
31	29	31	16
Mean	36	22	69
Max.	54	77	488
Min.	10	11	15
A.F.	1090	1370	4240

Total acre-feet 7930.

BUREAU OF IRRIGATION

555

NIORRARA RIVER NEAR GORDON—Sec. 26-31-42 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	80	105	110	85	80	125	149	172	91	77	102	105
2	82	102	110	80	80	125	153	168	88	85	94	94
3	82	105	110	70	75	135	135	164	85	83	82	80
4	88	108	100	70	80	128	135	168	85	85	80	75
5	96	108	90	80	85	145	161	172	85	85	85	72
6	105	111	95	90	85	125	135	188	80	85	114	70
7	114	114	90	90	90	118	131	188	75	85	135	68
8	111	118	90	90	110	114	131	180	72	85	99	70
9	114	111	88	90	120	131	125	184	72	94	85	77
10	149	111	96	90	130	118	145	206	75	91	82	99
11	131	118	85	90	140	75	145	149	72	88	85	105
12	118	125	85	90	160	90	121	135	68	105	91	128
13	105	121	90	90	180	120	128	128	68	91	403	131
14	105	118	80	85	200	168	118	145	80	80	172	131
15	102	111	80	80	200	118	128	135	88	77	125	168
16	102	118	80	80	200	128	172	138	82	80	108	153
17	99	114	90	85	190	121	188	131	82	85	105	157
18	102	114	95	90	160	145	176	111	102	88	94	135
19	108	111	95	100	180	149	164	108	121	83	105	125
20	114	110	85	100	161	141	145	108	118	82	125	128
21	111	110	80	110	160	125	164	108	108	80	121	138
22	105	110	90	110	160	135	176	105	108	80	114	138
23	102	110	100	120	161	118	180	99	108	96	114	135
24	94	110	110	120	161	114	180	94	105	96	114	121
25	94	110	110	95	168	135	188	111	96	121	133	111
26	96	110	100	75	153	138	197	121	85	131	827	108
27	96	110	100	75	149	145	210	114	82	111	210	111
28	105	110	100	100	135	153	233	114	75	96	141	114
29	105	110	110	95	...	153	210	121	77	99	131	125
30	102	110	110	85	...	157	197	102	80	118	111	128
31	105	...	90	75	...	157	...	94	...	108	111	...
Mean	104	112	95	90	141	130	161	137	87	92	145	113
Max.	149	125	110	120	200	168	233	206	121	131	827	168
Min.	80	102	80	70	75	75	118	94	68	47	80	68
A.F.	6390	6650	5840	5520	7840	8010	9560	8450	5180	5670	8930	6740

Total acre-feet 84780.

NIORRARA RIVER NEAR CODY—Sec. 23-33-34 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	278	293	308	240	260	382	392	376	314	282	253	303
2	268	278	308	220	280	366	398	387	303	253	243	283
3	268	283	308	180	270	366	398	398	283	258	248	273
4	268	283	298	180	270	366	382	376	268	273	253	248
5	278	283	288	240	260	382	382	408	268	273	253	234
6	371	288	283	250	270	382	382	392	258	258	243	229
7	308	293	283	230	300	366	371	458	253	253	334	229
8	298	303	283	230	300	324	376	531	248	243	288	229
9	298	303	258	230	300	324	376	549	229	248	268	238
10	425	298	250	240	330	355	392	555	224	243	234	273
11	392	303	120	220	320	300	387	549	224	258	219	288
12	361	303	85	240	310	180	403	497	234	283	238	324
13	345	298	150	240	310	200	392	436	234	263	263	310
14	324	303	200	230	310	350	371	398	283	268	713	314
15	308	308	240	230	320	442	361	361	298	253	350	334
16	278	298	260	220	310	408	340	340	303	263	319	376
17	278	298	240	220	414	382	334	330	283	253	283	340
18	283	298	240	220	398	366	334	320	324	453	258	308
19	293	293	250	220	414	324	334	310	361	283	253	308
20	298	293	300	220	420	355	319	308	303	273	243	340
21	293	298	300	230	403	376	308	288	283	253	258	329
22	288	303	280	240	376	376	298	288	278	243	243	319
23	283	303	230	240	403	403	308	298	258	288	243	293
24	283	314	250	240	398	382	324	303	298	253	243	293
25	283	308	240	260	414	361	308	314	268	329	253	293
26	293	308	220	270	436	371	303	319	243	273	659	288
27	283	308	220	260	452	355	303	340	243	314	1080	298
28	283	308	220	280	425	334	340	303	229	283	41	283
29	293	308	220	300	...	334	371	324	229	263	392	308
30	298	308	240	250	...	376	355	355	224	258	319	314
31	293	...	240	290	...	392	...	329	...	258	314	...
Mean	303	299	244	238	345	354	355	379	269	271	328	294
Max.	425	314	308	300	452	442	403	555	361	453	1080	376
Min.	268	278	85	180	260	180	298	288	224	238	219	229
A.F.	18630	17780	15000	14660	19190	21780	21110	23290	16000	16660	20170	17470

Total acre-feet 221740.

REPORT OF THE STATE ENGINEER

NIOBRARA RIVER NEAR SPARKS—Sec. 22-34-26 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	793	804	782	830	750	910	1030	947	837	640	660	848
2	804	804	793	880	790	830	1050	947	859	690	730	848
3	750	782	793	850	770	800	1060	980	826	690	710	815
4	782	804	760	850	800	800	1040	1030	760	690	720	793
5	771	826	700	850	810	800	1020	1150	760	690	690	750
6	892	730	660	850	780	800	1000	1050	700	690	730	760
7	980	837	550	850	750	800	969	1100	730	690	670	730
8	859	815	440	850	740	800	936	1280	700	630	730	740
9	970	848	410	850	740	800	958	1350	640	680	750	740
10	1090	826	450	850	780	800	1020	1290	640	680	740	793
11	1060	837	250	850	780	800	969	1240	660	700	782	848
12	936	848	170	850	840	800	992	1200	720	892	848	848
13	860	848	170	850	860	800	992	1080	710	740	848	892
14	840	793	400	850	890	800	958	1000	848	760	1190	870
15	800	826	550	850	930	1000	925	1000	837	750	1090	859
16	800	804	600	850	1050	1200	947	947	782	720	936	870
17	800	815	660	850	1050	950	914	936	804	760	804	947
18	800	750	680	850	1100	850	881	936	815	804	690	851
19	826	782	710	850	1100	850	892	958	848	1100	680	848
20	848	782	650	850	1100	920	870	947	859	782	680	903
21	804	740	650	850	1100	1090	826	947	720	730	680	1030
22	800	782	690	880	1050	1080	837	881	730	710	660	903
23	800	815	760	850	1050	1210	837	804	680	720	690	881
24	804	793	850	820	1050	1110	870	848	650	750	670	859
25	837	815	800	820	1000	1170	804	859	740	740	690	892
26	848	804	780	830	1000	1160	782	892	820	859	782	793
27	793	793	850	790	1050	1090	782	903	660	750	1600	804
28	848	782	880	820	1000	947	859	870	670	771	1110	793
29	804	826	850	760	.....	969	1000	881	630	710	969	837
30	782	782	800	760	.....	1050	947	870	620	740	1040	848
31	793	.....	810	760	.....	1060	.....	903	.....	740	848	.....
Mean	844	803	642	837	918	937	932	1001	735	742	820	841
Max.	1090	848	880	880	1100	1210	1060	1350	859	1100	1600	1030
Min.	750	730	170	760	740	800	782	804	620	630	660	730
A.F.	51920	47790	39470	51470	51000	57610	55470	61540	43750	45620	50410	50030

Total acre-feet 606080.

NIOBRARA RIVER NEAR SPENCER—Sec. 30-33-11 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	980	1190	1270	750	700	2000	6820	1740	1520	1170	1300	1370
2	980	1100	1320	850	700	2000	8480	1630	1440	1170	1260	1280
3	1080	1080	1300	800	700	2000	6000	1660	1430	1280	1300	1240
4	1100	1100	1270	800	700	5000	3970	1690	1300	1310	1250	1250
5	1030	1100	1230	800	700	10000	3660	2220	1100	1380	1340	1250
6	1150	1010	1170	800	700	15000	3520	2770	1190	1250	1380	1220
7	1340	1180	1190	800	700	7990	3460	2560	1190	1200	1320	1190
8	1470	1330	750	800	700	2640	2790	3460	1140	1200	1300	1160
9	1520	1260	500	800	700	1160	2540	3100	1190	1500	1630	1160
10	2170	1310	700	800	700	1520	2310	3130	1160	1300	1470	1180
11	3470	1250	700	850	700	1680	2240	2380	1130	1250	1960	1230
12	3520	1400	250	900	700	1960	2540	2400	1120	1500	3970	1220
13	2560	1230	300	600	700	2250	2180	2090	1130	1370	3270	1210
14	2170	1160	250	900	700	2120	2160	1760	1210	1350	2200	1230
15	2240	1100	200	750	700	1620	2440	1640	1460	1350	1790	1260
16	1550	1100	200	750	1000	1550	2690	1830	1440	1340	2030	1410
17	1560	1100	300	650	1000	1760	2540	1560	1420	1350	1900	1300
18	1510	1160	350	700	1000	2120	2330	1940	1570	1530	1680	1440
19	1330	1250	500	750	1000	2190	2010	1970	1510	2740	1570	1290
20	1180	1250	550	750	1000	1930	1790	1710	1370	1970	1470	1940
21	1360	1300	700	750	1000	1520	1660	1780	1340	1710	1480	3690
22	1460	1300	650	750	1000	1320	1600	1600	1300	1480	1440	2400
23	1530	1340	600	750	1000	1960	1480	1520	1240	1440	1470	1900
24	1380	1400	650	750	1000	3630	1500	1480	1240	1420	1360	1640
25	1420	1400	750	750	1000	7360	1530	1600	1220	1400	1380	1560
26	1250	1400	850	750	1000	11600	1530	1570	1180	1400	1500	1620
27	1830	1340	950	750	1000	9370	1420	1560	1200	1420	1710	1480
28	1680	1270	950	750	1000	6160	1400	1630	1190	1420	1960	1520
29	1440	1340	900	750	.....	3620	1630	1630	1190	1320	1940	1490
30	1370	1250	750	750	.....	3330	1710	1560	1170	1360	1600	1620
31	1350	.....	800	750	.....	3800	.....	1530	.....	1380	1480	.....
Mean	1612	1237	737	769	839	3941	2724	1974	1276	1428	1700	1492
Max.	3520	1400	1320	900	1000	15000	8480	3460	1570	2740	3970	3690
Min.	980	1010	200	600	700	1160	1400	1480	1100	1170	1250	1160
A.F.	99130	73590	45320	47310	46610	242300	162100	121400	75950	87790	104500	88760

Total acre-feet 1194750.

BUREAU OF IRRIGATION

557

OAK CREEK NEAR DANNEBROG—Sec. 8-13-11 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	1	1	1	22	4	2	4	1	2	1
2	0	1	1	1	1	16	4	2	3	1	2	1
3	0	1	1	1	1	16	3	2	3	1	4	1
4	0	2	1	0	1	14	3	2	2	1	9	1
5	0	1	1	1	1	14	2	3	2	1	30	1
6	0	1	1	1	1	14	2	3	2	1	16	1
7	0	1	1	1	1	10	2	2	2	1	7	1
8	1	1	1	1	1	10	2	4	2	27	4	1
9	0	1	1	1	2	9	2	31	2	1510	6	1
10	11	1	1	1	2	6	2	43	2	572	32	1
11	5	1	1	1	2	4	2	12	2	75	19	1
12	2	1	1	1	2	2	2	5	2	360	14	1
13	1	1	1	1	1	1	2	3	2	65	8	1
14	0	1	1	1	1	1	2	2	31	15	4	1
15	0	1	1	1	1	2	2	2	10	8	3	2
16	0	1	1	1	2	2	2	2	4	17	2	4
17	0	1	1	1	2	4	2	2	193	16	2	7
18	0	1	1	1	2	3	2	22	274	27	2	3
19	0	1	1	1	2	3	2	176	45	124	2	2
20	0	1	1	1	3	3	2	93	10	86	75	3
21	1	0	1	1	14	3	2	38	5	24	22	2
22	1	0	1	2	19	3	2	17	3	14	8	3
23	1	1	1	2	23	4	2	8	2	515	4	2
24	1	2	1	1	19	7	2	4	1	686	3	1
25	1	2	1	1	18	9	2	3	1	45	2	1
26	1	2	1	1	15	13	2	2	1	17	2	1
27	1	2	1	1	15	10	2	3	1	11	2	1
28	1	2	1	1	22	8	2	7	1	8	2	1
29	0	1	1	1	..	11	2	176	1	6	2	1
30	0	1	2	1	..	10	2	22	1	4	2	1
31	0	1	1	1	..	10	..	6	..	3	1	..
Mean	1	1	1	1	6	8	2	22	20	136	9	2
Max.	11	2	2	2	23	22	4	176	274	1510	75	7
Min.	0	0	1	0	1	1	2	2	1	1	1	1
A.F.	64	66	70	60	348	480	130	1390	1220	8370	579	91

Total acre-feet 12870.

OMAHA CREEK AT HOMER—Sec. 12-27-8 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	10	9	6	4	10	19	16	8	10	22	11
2	8	10	9	6	4	10	18	14	14	10	12	11
3	9	9	10	6	4	10	18	14	12	10	9	10
4	8	10	9	6	4	600	14	14	9	10	9	9
5	7	11	9	6	4	2000	13	26	8	12	36	9
6	8	10	9	6	4	1500	14	22	8	11	22	9
7	8	11	9	6	4	100	15	14	7	10	1390	9
8	8	10	9	6	4	10	15	111	7	9	153	9
9	8	10	9	6	6	10	15	242	7	14	32	9
10	149	10	9	6	6	10	16	29	6	16	26	9
11	15	10	6	6	6	10	15	20	6	14	24	9
12	9	10	6	3	6	10	15	20	45	145	107	9
13	9	9	6	3	6	10	13	19	15	22	35	10
14	8	9	6	3	6	10	14	16	53	11	25	9
15	8	8	6	3	6	10	14	14	300	51	20	9
16	9	8	6	3	6	100	13	16	39	46	25	9
17	9	8	6	3	6	150	14	15	29	20	265	9
18	9	9	6	3	6	355	13	13	1350	247	28	8
19	9	10	6	3	6	283	12	14	90	223	19	8
20	29	9	6	3	6	237	10	15	40	20	17	9
21	16	9	6	3	6	203	10	14	21	203	16	9
22	11	11	6	3	10	412	10	12	43	50	18	8
23	10	10	6	3	10	700	10	11	178	21	23	8
24	10	10	6	3	10	278	10	10	22	16	18	8
25	9	9	6	3	10	87	10	10	15	15	16	7
26	9	10	6	3	10	74	10	11	12	14	16	8
27	9	10	6	3	10	77	10	11	11	14	17	7
28	9	10	6	3	10	20	10	11	12	12	18	8
29	9	10	6	3	..	19	18	12	11	12	12	8
30	9	10	6	3	..	20	28	14	10	11	12	8
31	9	..	6	3	..	21	..	10	..	38	11	..
Mean	14	10	7	4	6	237	14	26	80	42	79	9
Max.	149	11	10	6	10	2000	28	242	1350	247	1390	11
Min.	7	8	6	3	4	10	10	10	6	9	9	7
A.F.	883	578	430	250	357	14570	825	1570	4740	2610	4870	525

Total acre-feet 32210.

REPORT OF THE STATE ENGINEER

PLUM CREEK NEAR MEADVILLE—Sec. 11-32-22 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	75	77	81	70	80	85	160	112	99	83	85	85
2	75	77	80	65	80	85	196	129	112	83	81	83
3	75	77	81	40	80	85	184	154	122	83	83	81
4	75	80	80	75	80	85	151	151	124	88	85	81
5	74	80	80	75	80	85	134	160	140	88	83	80
6	85	80	77	75	80	85	134	124	132	81	85	77
7	81	80	78	75	80	85	132	240	122	80	86	77
8	77	81	80	75	80	85	124	585	115	80	83	77
9	77	81	83	75	80	85	120	573	102	80	86	78
10	104	80	85	75	80	85	124	353	99	75	97	85
11	90	83	88	75	80	85	108	296	97	72	115	86
12	80	83	80	75	80	85	129	215	97	75	97	86
13	75	80	83	75	80	85	129	181	97	77	85	86
14	77	78	85	75	80	85	146	150	110	74	83	86
15	77	77	93	75	80	88	178	120	110	77	83	91
16	78	78	93	75	80	91	140	110	106	78	81	91
17	78	80	91	75	80	97	130	117	108	75	83	90
18	78	80	91	75	80	93	146	124	110	85	81	88
19	80	80	85	75	80	89	129	117	115	91	77	88
20	80	80	70	75	80	89	120	127	117	88	75	120
21	80	80	70	75	80	88	115	132	124	86	77	127
22	77	81	80	75	80	89	112	132	122	85	75	115
23	77	83	75	75	80	143	108	124	117	85	75	112
24	77	86	75	75	80	143	108	120	108	85	75	104
25	77	83	80	75	80	166	102	112	106	85	74	99
26	75	83	75	75	80	166	99	108	93	83	88	97
27	78	83	85	75	80	146	99	104	93	86	89	95
28	78	83	85	75	80	99	102	100	91	85	83	93
29	78	83	85	75	..	104	106	100	86	85	86	95
30	78	80	75	75	..	110	106	99	85	86	99	95
31	78	..	70	75	..	127	..	99	..	86	89	..
Mean	79	81	81	73	80	101	129	173	109	82	85	92
Max.	104	86	93	75	80	166	196	585	140	91	115	127
Min.	74	77	70	40	80	85	99	99	85	72	74	77
A.F.	4850	4790	5000	4510	4440	6180	7680	10650	6460	5070	5200	5450

Total acre-feet 70280.

PLUM CREEK NEAR SMITHFIELD—Sec. 15-8-21 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	3	0	0	5	0	18	0
2	0	0	0	0	0	2	0	0	2	0	0	0
3	0	0	0	0	0	1	0	0	1	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	2	0	0
7	0	0	0	0	0	0	0	0	0	6	0	0
8	0	0	0	0	0	0	0	0	0	3	0	0
9	0	0	0	0	0	0	0	6	0	1	0	0
10	0	0	0	0	0	0	0	1	0	1	10	0
11	0	0	0	0	0	0	0	0	0	1	8	0
12	23	0	0	0	0	0	0	0	0	1	2	0
13	24	0	0	0	0	0	0	0	0	1	0	0
14	3	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	7	0	0	2	0	0	0	0
18	0	0	0	0	35	0	0	2	0	0	0	0
19	0	0	0	0	81	0	0	2	0	0	4	0
20	0	0	0	0	82	0	0	177	0	0	7	0
21	0	0	0	0	54	0	0	72	6	45	2	0
22	0	0	0	0	55	0	0	10	3	24	3	0
23	0	0	0	0	43	0	0	5	1	5	1	0
24	0	0	0	0	24	0	0	2	1	2	0	0
25	0	0	0	0	17	1	0	1	0	6	0	0
26	0	0	0	0	8	0	0	0	0	5	1	0
27	0	0	0	0	5	4	0	0	0	2	1	0
28	0	0	0	0	4	1	0	17	0	1	1	0
29	0	0	0	0	..	1	0	122	0	1	0	0
30	0	0	0	0	..	0	0	213	0	4	0	0
31	0	0	0	0	..	0	0	16	0	26	0	0
Mean	2	0	0	0	15	0	0	21	1	4	2	0
Max.	24	0	0	0	82	4	0	213	6	45	16	2
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	99	0	0	0	823	25	0	1290	39	274	115	7

Total acre-feet 2670.

BUREAU OF IRRIGATION

559

PONCA CREEK NEAR ANOKA—Sec. 9-39-13 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	2	2	0	0	10	5160	67	26	7	5	2
2	0	1	2	0	0	25	5170	73	54	7	5	2
3	0	1	2	0	0	100	3400	59	42	7	4	1
4	1	1	2	0	0	655	1680	54	31	9	4	2
5	1	1	1	0	0	1310	1040	175	25	9	6	1
6	1	1	0	0	0	1400	790	137	21	7	5	1
7	2	1	0	0	2	500	715	127	21	5	5	1
8	2	1	0	0	2	300	505	230	19	5	4	1
9	2	1	0	0	2	100	345	199	18	295	3	1
10	27	1	0	0	2	50	368	250	17	89	4	1
11	5	1	0	0	2	50	272	191	16	43	2	2
12	3	4	0	0	2	50	177	148	16	85	65	2
13	2	4	0	0	2	50	150	115	15	36	27	2
14	2	2	0	0	1	50	148	94	17	19	15	2
15	2	2	0	0	1	50	220	75	31	13	8	3
16	2	2	0	0	1	50	338	65	27	11	5	4
17	2	2	0	0	1	50	438	58	24	8	5	6
18	2	2	0	0	0	50	398	67	24	31	5	2
19	2	2	0	0	0	50	348	61	21	179	5	2
20	2	2	0	0	0	50	169	52	18	56	2	48
21	2	1	0	0	0	50	137	47	15	34	2	286
22	2	2	0	0	0	50	117	42	15	24	2	111
23	2	4	0	0	0	50	100	38	13	19	2	55
24	2	2	0	0	0	100	85	37	12	14	1	38
25	2	2	0	0	0	500	73	35	11	11	1	21
26	2	2	0	0	0	1500	58	31	9	10	3	14
27	2	2	0	0	2	2810	54	31	8	8	4	9
28	1	2	0	0	10	1590	50	31	8	6	4	7
29	1	2	0	0	0	706	47	30	8	5	3	17
30	1	2	0	0	0	840	49	32	7	5	2	10
31	1	0	0	0	0	2060	..	29	..	5	2	..
Mean	2	2	0	0	1	484	75	86	20	34	7	22
Max.	27	4	2	0	10	2610	5170	250	54	295	65	286
Min.	0	1	0	0	0	10	47	29	7	5	1	1
A.F.	153	109	28	0	60	29760	44830	5320	1170	2110	422	1300

Total acre-feet 85260.

PRAIRIE DOG CREEK NEAR WOODRUFF, KANSAS—Sec. 33-1-18 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	12	12	12	7	30	13	11	12	2	525	120
2	9	11	12	13	8	40	13	12	13	1	197	100
3	9	12	12	10	8	52	13	12	10	25	149	80
4	9	12	12	9	8	44	14	11	12	13	125	70
5	9	12	12	8	8	27	14	12	13	119	99	60
6	10	12	12	7	8	26	13	11	11	149	83	50
7	10	12	12	6	8	24	14	11	9	111	672	50
8	9	12	11	6	8	15	14	23	8	74	982	50
9	10	13	12	6	8	20	14	17	7	91	452	40
10	85	12	12	6	9	18	14	13	7	32	947	40
11	845	13	12	7	9	21	13	10	6	14	818	40
12	174	12	11	7	15	16	13	10	6	11	409	40
13	50	12	12	8	10	15	13	12	6	270	921	40
14	24	12	10	8	10	12	13	12	5	601	1170	40
15	22	12	10	8	15	13	13	22	4	97	1070	35
16	20	12	10	8	15	12	14	14	4	41	705	34
17	16	12	10	8	20	16	14	12	4	20	322	34
18	14	12	10	7	39	18	14	10	2	13	420	33
19	13	12	10	8	24	14	14	10	1	260	255	32
20	13	12	10	8	17	18	15	13	1	78	181	31
21	13	12	10	8	20	17	15	12	1	28	145	30
22	13	12	10	8	38	13	14	18	0	24	120	29
23	13	12	9	7	42	17	14	18	0	296	110	30
24	13	12	9	7	30	18	13	16	0	153	100	30
25	13	12	9	7	25	17	12	13	0	113	100	30
26	13	12	10	7	28	15	12	11	0	646	314	28
27	12	12	10	8	25	14	12	11	0	1170	523	27
28	11	13	10	7	28	14	11	10	1	1280	412	33
29	12	13	10	6	..	14	11	13	1	1120	436	37
30	12	12	12	6	..	14	11	14	1	250	305	28
31	12	..	12	6	..	13	..	13	..	328	169	..
Mean	48	12	11	8	18	20	13	13	5	240	430	44
Max.	845	13	12	13	42	52	15	23	13	1280	1170	120
Min.	9	11	9	6	7	12	11	10	0	1	83	27
A.F.	2970	720	664	470	972	1220	787	807	287	14740	26450	2620

Total acre-feet 52710.

REPORT OF THE STATE ENGINEER

PRAIRIE CREEK NEAR SILVER CREEK—Sec. 29-16-3 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	7	7	4	2	15	32	17	28	13	72	18
2	9	7	7	3	2	25	32	17	30	13	58	18
3	9	7	7	2	2	35	30	17	26	13	51	17
4	8	7	7	1	2	50	28	17	23	19	47	16
5	9	7	7	1	2	80	25	18	23	18	44	16
6	9	7	6	1	2	90	24	17	21	16	40	15
7	9	7	6	1	2	60	23	17	16	15	39	15
8	9	7	6	1	2	50	22	22	13	14	45	14
9	9	7	7	2	2	50	22	42	12	50	80	14
10	12	7	7	2	2	50	22	38	11	109	85	14
11	13	7	7	2	2	50	20	56	11	104	60	13
12	11	7	8	2	2	50	20	78	11	264	62	13
13	10	7	6	2	2	50	19	57	9	481	47	13
14	10	7	5	2	2	50	19	42	10	452	42	12
15	10	7	5	2	2	50	18	34	9	440	74	12
16	10	7	4	2	2	50	18	28	10	372	87	13
17	11	7	4	2	3	50	18	25	24	284	52	12
18	10	7	4	2	3	50	17	23	54	180	40	12
19	8	7	3	2	2	50	16	27	90	200	36	12
20	9	8	2	2	2	20	16	25	58	161	35	12
21	9	7	2	2	2	20	16	23	46	116	29	12
22	9	7	2	3	2	20	16	22	42	100	27	12
23	9	8	2	4	2	20	15	60	51	98	25	11
24	8	8	3	2	2	30	15	175	55	126	24	11
25	8	8	3	2	2	54	15	84	33	167	22	14
26	8	8	3	2	3	66	14	52	22	228	22	26
27	8	7	3	2	3	55	14	41	18	252	21	20
28	8	7	3	2	6	50	15	37	16	229	21	17
29	8	8	4	2	.	50	17	35	15	170	20	16
30	7	7	4	2	.	30	18	32	14	122	19	16
31	7	7	4	2	.	34	..	28	..	94	19	..
Mean	9	7	5	2	2	45	20	39	27	157	43	14
Max.	13	8	8	4	6	90	32	175	90	461	87	26
Min.	7	7	2	1	2	15	14	17	9	13	19	11
A.F.	558	425	297	130	137	2780	1180	2390	1590	9680	2670	865

Total acre-feet 22700.

PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-19-50 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25	36	38	36	37	41	45	22	14	16	43	30
2	26	36	39	37	39	42	42	20	14	16	35	30
3	24	36	39	35	40	43	41	20	22	12	28	33
4	21	36	39	25	39	43	40	23	21	7	33	33
5	21	37	39	25	40	45	40	46	20	7	28	34
6	21	37	40	25	40	45	39	51	14	8	28	33
7	23	37	40	25	40	44	39	44	11	7	28	36
8	26	37	39	25	42	40	36	48	9	8	26	36
9	26	37	37	25	41	41	36	46	6	9	19	39
10	29	36	37	25	42	43	37	52	6	8	9	58
11	26	33	37	25	43	42	37	63	5	22	9	56
12	26	33	32	25	44	41	38	48	5	20	10	58
13	26	33	33	25	44	41	38	39	6	25	10	62
14	26	33	34	25	45	42	37	38	7	26	10	47
15	26	33	36	25	46	45	36	36	6	26	13	44
16	26	32	37	30	45	43	36	34	7	28	11	49
17	22	33	36	28	45	43	36	34	7	49	10	40
18	24	33	37	28	43	43	35	33	15	48	10	37
19	27	34	37	28	43	43	34	32	27	47	11	30
20	25	35	37	28	43	42	31	32	39	48	11	33
21	26	35	34	29	43	41	30	25	42	49	10	33
22	26	36	34	36	43	42	33	22	43	47	10	30
23	26	36	33	39	45	40	22	16	40	45	10	32
24	26	37	34	38	44	40	22	7	40	46	10	32
25	26	37	34	37	45	40	22	7	40	46	13	41
26	26	37	31	36	45	40	24	9	40	46	14	40
27	26	37	34	36	46	28	26	14	38	45	22	38
28	26	38	34	36	43	33	24	16	26	42	32	35
29	26	37	37	36	..	39	24	16	18	42	31	36
30	26	37	37	36	..	43	24	15	18	49	32	36
31	36	..	37	34	..	43	..	14	..	49	30	..
Mean	26	36	36	30	43	41	34	30	20	30	19	39
Max.	36	38	40	39	46	45	45	63	43	49	43	62
Min.	21	33	31	25	37	28	22	7	5	7	9	30
A.F.	1570	2110	2230	1870	2370	2540	1990	1830	1200	1870	1180	2320

Total acre-feet 23080.

BUREAU OF IRRIGATION

561

RED WILLOW CREEK NEAR BAYARD—Sec. 7-20-50 W. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	245	110	94	79	65	60	61	46	100	46	111	141
2	221	108	96	79	61	59	60	44	111	47	104	120
3	190	108	93	79	60	59	62	42	96	47	82	108
4	163	106	92	79	62	59	59	42	80	55	78	126
5	152	105	93	79	64	58	59	54	56	56	83	123
6	147	98	94	79	69	58	58	58	51	59	108	122
7	150	100	94	78	69	54	59	64	46	69	86	118
8	144	100	93	78	70	58	56	67	44	79	76	114
9	122	100	93	75	67	59	56	64	40	94	69	166
10	142	100	92	75	66	56	58	73	39	74	78	335
11	136	99	90	75	66	56	56	72	39	71	70	217
12	136	99	90	72	65	56	53	78	41	64	79	230
13	131	99	90	72	65	56	53	66	44	61	87	239
14	131	99	90	71	64	56	53	85	45	58	82	230
15	131	98	89	69	61	62	55	76	54	59	82	245
16	131	96	87	67	61	61	54	38	61	61	75	266
17	125	100	86	67	61	62	53	35	56	71	80	290
18	128	99	85	67	61	63	52	35	64	94	92	266
19	128	99	83	67	64	64	50	32	64	94	111	225
20	126	93	80	67	64	66	50	30	65	118	139	288
21	120	93	80	69	64	66	48	41	66	234	112	274
22	116	93	76	69	64	65	47	43	67	670	106	223
23	112	93	75	70	64	62	47	38	67	321	105	197
24	112	92	78	69	64	60	47	36	60	358	102	180
25	116	90	76	67	64	60	48	61	46	274	270	165
26	116	90	76	69	64	61	52	92	51	216	718	157
27	117	92	76	79	64	61	48	93	59	190	221	153
28	117	92	78	82	62	61	54	92	58	185	144	157
29	116	92	78	75	..	61	58	112	59	144	182	163
30	112	93	79	71	..	61	58	141	51	118	177	165
31	106	..	79	69	..	61	..	117	..	117	163	..
Mean	137	98	86	73	64	60	54	64	59	136	131	194
Max.	245	110	96	82	70	66	62	141	111	670	718	335
Min.	106	90	75	67	60	54	47	30	39	46	69	108
A. F.	8400	5830	5270	4490	3560	3690	3220	3910	3530	8340	8080	11530

Total acre-feet 69850.

RED WILLOW CREEK NEAR RED WILLOW—Sec. 17-3-28 W. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	30	29	50	30	52	47	32	37	21	155	28
2	37	29	29	50	25	51	46	32	36	21	100	28
3	22	29	29	20	25	49	46	33	34	21	74	26
4	22	30	28	15	35	48	46	33	33	54	155	26
5	22	33	28	20	45	46	45	38	32	69	66	24
6	22	31	29	20	50	46	46	38	30	22	55	23
7	22	31	28	20	45	50	49	40	29	21	48	22
8	23	31	25	25	35	50	57	124	28	23	41	22
9	24	31	35	30	50	39	60	101	27	40	31	21
10	43	32	25	30	60	44	60	54	26	21	38	21
11	46	32	25	30	55	40	56	51	26	25	29	21
12	34	32	45	25	45	49	51	48	27	174	29	21
13	33	34	35	25	40	46	47	48	26	32	28	22
14	32	36	25	20	40	61	46	45	25	31	28	23
15	34	36	30	25	50	50	44	43	25	34	27	249
16	35	36	35	25	55	43	43	40	27	22	26	48
17	36	36	30	20	55	40	42	38	43	58	26	38
18	34	36	25	20	95	40	39	39	28	46	25	37
19	36	36	25	25	90	40	37	38	26	94	25	34
20	36	36	25	30	80	42	36	38	28	47	24	33
21	36	35	25	40	75	42	36	36	26	288	23	31
22	36	35	30	40	65	41	35	32	26	90	23	29
23	32	34	35	35	55	41	35	30	25	78	22	29
24	30	32	35	40	50	42	35	29	24	80	22	28
25	30	32	45	20	50	42	35	28	24	221	22	26
26	26	31	35	25	50	44	34	27	23	342	23	25
27	29	31	50	40	52	50	33	27	22	128	23	24
28	31	30	45	30	54	56	33	94	21	70	22	23
29	30	29	40	25	..	54	34	177	21	150	56	23
30	30	29	50	25	..	50	34	44	21	510	31	22
31	30	..	45	30	..	49	..	38	..	587	26	..
Mean	31	32	33	25	52	46	43	49	28	110	43	34
Max.	46	36	50	50	95	61	60	177	43	587	155	249
Min.	18	29	25	15	25	39	33	27	21	21	22	21
A. F.	1890	1930	2020	1740	2890	2850	2550	3000	1640	6780	2620	2040

Total acre-feet 31950.

REPORT OF THE STATE ENGINEER

REPUBLICAN RIVER, SOUTH FORK, COLORADO-KANSAS STATE LINE

Sec. 27-4S-42 W.

Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	42	57	43	40	40	61	39	40	36	0	0	24
2	37	47	43	25	40	53	39	42	34	4	6	18
3	34	51	43	7	50	57	43	29	39	12	44	22
4	36	50	44	15	70	64	47	30	37	22	16	23
5	40	51	44	20	110	62	40	54	36	53	9	23
6	36	48	45	30	100	53	33	43	33	31	7	23
7	39	48	45	35	80	55	36	50	31	18	6	20
8	40	48	45	35	64	50	37	57	30	8	6	36
9	69	50	45	45	59	30	43	55	31	1	6	22
10	76	51	45	55	57	25	50	43	23	0	107	24
11	64	51	40	35	62	25	39	53	19	2	34	22
12	53	55	30	50	57	50	40	50	14	4	74	27
13	50	55	20	45	40	50	50	55	10	0	54	30
14	42	50	20	50	40	75	48	42	10	0	84	26
15	45	40	25	50	57	57	48	43	5	0	59	24
16	47	42	40	60	51	51	48	37	6	1	53	33
17	45	50	45	55	55	55	53	39	6	1	55	37
18	47	49	55	90	53	50	50	37	7	5	55	36
19	43	49	60	85	55	65	53	34	16	32	50	31
20	39	48	60	80	53	70	53	36	33	39	53	31
21	47	48	45	85	51	57	53	39	27	12	47	40
22	43	48	55	80	45	57	57	36	17	8	59	47
23	42	51	50	75	62	50	53	31	12	5	62	40
24	42	48	55	75	57	45	37	30	9	3	55	35
25	40	47	60	55	55	39	47	34	4	3	39	30
26	42	47	65	85	53	40	45	45	0	2	36	26
27	47	45	55	85	59	45	55	43	0	2	57	20
28	51	39	50	80	59	43	47	39	0	1	42	20
29	51	43	50	70	..	42	43	43	2	0	56	19
30	51	43	40	55	..	43	53	40	3	0	24	17
31	59	..	40	40	..	40	..	40	..	0	27	..
Mean	46	48	45	55	58	50	46	42	18	9	41	28
Max.	76	57	65	90	110	75	57	57	39	53	107	47
Min.	34	39	20	7	40	25	33	29	0	0	0	17
A.F.	2850	2870	2780	3400	3240	3090	2740	2560	1050	534	2540	1640

Total acre-feet 29290.

REPUBLICAN RIVER, NORTH FORK, AT COLORADO-NEBRASKA STATE LINE

Sec. 10-1-42 W.

Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	40	55	69	70	76	73	66	12	14	14	82	65
2	43	68	70	70	72	75	70	13	15	14	60	54
3	36	73	69	40	66	75	76	11	10	14	51	49
4	54	70	68	70	69	75	79	11	12	14	55	46
5	54	76	70	65	72	75	83	50	12	14	52	43
6	51	77	72	55	75	76	79	57	24	13	52	35
7	50	79	72	60	77	72	76	57	11	12	42	25
8	52	80	68	60	80	69	77	102	9	38	31	27
9	57	82	72	60	79	70	79	72	10	22	44	27
10	85	83	70	60	77	73	72	70	10	21	74	30
11	64	79	69	60	79	69	76	69	50	22	100	34
12	61	80	62	65	80	70	76	54	18	30	64	33
13	57	82	69	70	76	66	76	48	11	26	77	30
14	55	79	69	60	80	69	73	50	10	19	93	42
15	57	80	69	65	77	69	75	42	10	15	68	141
16	55	82	72	70	76	66	77	46	13	29	65	112
17	51	83	69	70	80	66	77	38	45	18	57	79
18	48	76	70	70	77	70	72	36	46	21	45	72
19	50	79	70	85	79	70	64	41	26	20	44	61
20	57	77	68	90	80	69	61	32	34	18	46	52
21	55	72	73	77	79	73	55	25	22	16	48	56
22	57	73	69	77	73	77	55	18	14	32	40	59
23	59	73	70	79	77	76	52	18	13	60	27	60
24	55	77	69	76	76	70	48	12	13	34	24	62
25	56	75	70	79	76	70	31	11	10	59	67	57
26	56	72	73	68	76	70	27	18	7	34	284	59
27	52	72	69	73	79	66	35	23	9	27	191	55
28	54	70	70	72	75	64	51	41	10	19	99	51
29	54	70	72	75	..	68	16	31	14	22	101	51
30	60	70	70	69	..	66	16	18	14	231	85	52
31	59	..	70	79	..	70	..	13	..	192	75	..
Mean	55	76	70	69	76	70	62	37	17	36	72	54
Max.	85	83	73	90	80	77	83	102	50	231	284	141
Min.	36	55	62	40	66	64	16	11	7	12	24	25
A.F.	3360	4490	4290	4240	4240	4340	3710	2260	1020	2220	4450	3210

Total acre-feet 41830.

BUREAU OF IRRIGATION

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REPUBLICAN RIVER, NORTH FORK, AT BENKELMAN—Sec. 19-1-37 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62	112	100	60	90	150	139	78	58	24	177	141
2	67	114	91	50	95	148	139	84	50	23	351	125
3	70	112	100	30	90	148	143	84	45	22	350	112
4	68	112	105	20	100	145	141	84	45	22	190	98
5	71	112	105	35	120	143	123	153	46	23	150	86
6	76	108	103	55	140	152	108	170	48	23	130	78
7	78	110	100	75	160	150	108	205	43	23	110	70
8	80	116	96	100	170	150	117	265	38	26	251	68
9	83	119	103	110	190	120	119	210	36	55	926	63
10	347	112	100	110	190	110	125	163	34	55	293	61
11	233	117	65	110	180	75	112	156	33	48	359	62
12	161	117	25	100	140	60	112	148	64	48	227	64
13	127	107	25	100	110	70	112	117	45	42	233	80
14	107	110	35	100	100	110	114	100	44	34	330	83
15	101	114	45	95	150	110	121	96	42	35	221	648
16	94	114	60	100	180	100	121	94	38	27	168	237
17	89	117	80	110	160	110	145	86	50	24	135	143
18	93	123	95	120	143	100	141	74	52	27	121	143
19	94	117	100	120	139	85	119	74	68	31	101	131
20	100	116	100	140	127	129	108	68	61	34	93	129
21	107	119	100	150	127	150	107	59	49	41	83	119
22	108	131	100	180	125	145	101	59	32	51	86	114
23	110	127	100	190	127	143	88	54	25	59	80	103
24	112	116	100	190	131	119	84	51	20	64	70	101
25	110	112	100	180	127	114	74	52	14	74	66	98
26	112	114	100	150	131	123	68	61	12	83	1230	94
27	114	108	95	130	133	121	77	74	16	83	358	96
28	112	116	90	130	141	108	82	74	37	68	230	101
29	110	119	90	120	...	103	93	80	34	68	292	103
30	114	110	75	100	...	123	78	76	28	145	170	101
31	114	...	70	90	...	139	...	63	...	228	131	...
Mean	110	115	86	108	136	121	111	104	40	52	249	122
Max.	347	131	105	190	190	152	145	265	68	228	1230	648
Min.	62	107	25	20	90	60	68	51	12	22	66	61
A.F.	6790	6840	5260	6640	7570	7440	6580	6370	2390	3190	15300	7240

Total acre-feet 81610.

REPUBLICAN RIVER, SOUTH FORK, NEAR BENKELMAN—Sec. 31-1-37 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	33	57	57	30	40	64	36	46	46	0	15	31
2	36	52	59	25	55	64	38	46	38	0	276	26
3	40	54	59	20	75	67	48	40	29	0	470	19
4	36	52	64	15	75	64	64	42	28	0	46	15
5	34	52	50	15	90	64	64	69	31	0	29	13
6	31	59	60	15	110	59	57	77	29	0	19	13
7	29	59	50	15	110	35	46	69	18	0	18	11
8	29	59	50	20	130	25	40	118	7	0	167	7
9	33	61	65	15	130	40	44	74	2	0	370	6
10	154	52	50	20	120	30	40	74	1	0	194	8
11	126	48	25	25	120	15	40	54	0	0	181	23
12	98	57	15	30	130	15	44	57	0	0	61	22
13	77	61	15	35	60	20	38	59	0	0	251	28
14	74	54	15	40	55	30	42	57	0	0	405	40
15	74	48	25	40	180	55	46	52	0	0	151	108
16	64	42	30	35	230	45	46	48	0	0	85	74
17	61	42	40	45	90	50	64	42	0	0	64	44
18	54	48	50	55	77	45	67	33	0	0	52	40
19	61	54	55	60	77	85	64	34	0	0	50	31
20	57	52	60	70	74	85	57	34	0	0	52	23
21	54	54	60	80	74	77	50	34	0	0	50	14
22	54	54	50	85	74	77	46	34	0	0	44	13
23	54	48	60	85	77	64	40	34	0	0	42	40
24	54	48	65	80	77	54	36	34	0	0	48	38
25	54	57	70	65	67	54	36	34	0	0	50	33
26	54	57	65	50	67	48	42	52	0	0	384	31
27	52	57	55	35	64	52	38	59	0	0	119	19
28	50	57	45	65	64	48	38	61	0	0	64	13
29	57	59	40	55	...	44	44	50	0	0	208	14
30	61	59	35	50	...	38	46	46	0	38	159	11
31	61	...	35	40	...	36	...	50	...	134	48	...
Mean	58	54	48	42	93	50	47	52	8	6	135	27
Max.	154	61	70	85	230	85	67	118	46	134	470	108
Min.	29	42	15	15	40	15	36	33	0	0	15	6
A.F.	3580	3200	2920	2610	5140	3070	2780	3200	456	341	8280	1600

Total acre-feet 37180.

REPORT OF THE STATE ENGINEER

 REPUBLICAN RIVER AT TRENTON—Sec. 2-2-33 W.
 Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	66	167	171	180	160	181	158	110	121	0	754	196
2	80	162	158	160	180	150	176	106	103	0	590	162
3	86	162	191	80	200	171	196	110	78	0	2960	132
4	89	158	191	60	230	158	217	117	63	0	754	106
5	89	156	158	65	270	167	207	186	56	10	366	92
6	96	155	158	65	270	196	181	269	52	0	671	80
7	96	155	162	60	300	207	167	329	40	0	302	72
8	96	154	217	65	320	120	158	422	26	60	257	63
9	99	160	181	75	300	150	162	390	16	123	1890	61
10	220	158	191	85	310	140	176	263	10	45	576	61
11	441	159	160	95	320	110	162	257	7	48	770	66
12	234	161	50	100	320	90	154	240	4	37	610	72
13	196	162	30	110	280	106	150	217	41	19	511	80
14	162	159	20	110	260	230	150	186	21	8	998	106
15	150	154	20	110	280	560	158	158	6	2	475	558
16	137	154	40	100	440	398	162	158	1	0	374	448
17	128	153	50	110	830	288	176	141	6	1	309	246
18	132	155	65	120	640	186	171	137	30	0	252	196
19	132	145	75	170	350	167	162	128	15	2	196	176
20	128	156	100	220	234	207	137	128	17	1	162	158
21	132	168	120	240	246	196	137	114	28	0	137	124
22	154	154	110	230	246	228	145	89	15	0	132	114
23	158	157	110	230	234	252	145	83	8	17	132	114
24	162	160	110	220	246	263	128	72	1	132	128	114
25	154	162	120	200	222	240	117	75	0	252	124	117
26	158	164	130	190	186	222	117	110	0	300	1300	110
27	158	166	140	180	181	228	121	137	0	210	731	110
28	154	170	150	150	207	212	117	154	0	124	382	96
29	154	186	150	140	...	171	110	181	0	99	438	92
30	154	176	160	150	...	167	121	150	2	160	481	86
31	171	...	170	150	...	162	...	128	...	985	309	...
Mean	147	160	124	136	295	204	155	172	26	85	583	140
Max.	441	186	217	240	830	560	217	422	121	985	2960	558
Min.	66	145	20	60	160	90	110	72	0	0	124	61
A.F.	9060	9540	7650	8370	16390	12540	9200	10600	1520	5230	35840	8350

Total acre-feet 134290.

 REPUBLICAN RIVER AT CULBERTSON—Sec. 17-3-31 W.
 Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	104	190	170	90	85	248	152	141	146	0	508	197
2	104	170	164	85	80	211	170	141	120	0	1000	164
3	100	170	204	85	95	248	184	130	100	0	1720	150
4	88	146	211	55	95	184	184	141	72	0	247	120
5	84	146	157	35	90	197	146	217	52	16	164	100
6	96	125	177	30	130	146	177	184	55	20	500	92
7	72	152	141	30	160	184	170	264	68	20	343	64
8	64	141	84	30	180	160	170	433	40	20	289	64
9	72	157	125	30	170	180	170	381	25	72	3990	64
10	264	184	104	40	180	170	211	248	10	35	1790	52
11	314	170	80	60	180	150	170	248	5	33	1680	47
12	217	141	50	80	170	110	170	204	1	31	1090	50
13	224	177	40	90	200	130	177	190	0	21	916	84
14	152	177	40	90	240	289	177	204	0	15	1810	96
15	157	217	40	90	180	588	170	177	33	15	1240	217
16	152	141	40	85	250	343	190	170	15	20	655	362
17	130	146	50	85	400	200	197	141	6	23	350	314
18	141	170	60	85	330	200	211	136	47	1	300	217
19	125	152	80	95	420	200	211	136	29	0	250	177
20	136	146	80	100	334	200	177	152	16	0	200	141
21	170	157	80	130	204	289	164	104	15	0	152	120
22	177	141	80	130	197	256	141	100	33	0	125	120
23	164	141	80	140	204	224	130	88	33	0	100	120
24	157	146	80	150	204	232	141	68	29	211	88	120
25	157	146	80	180	197	248	136	76	0	0	96	123
26	184	146	80	160	204	240	146	130	0	3	288	100
27	157	152	85	180	211	197	136	130	0	96	433	100
28	152	141	85	150	197	157	100	152	0	72	240	100
29	152	177	95	110	...	157	125	240	0	55	488	100
30	164	184	90	110	...	136	136	170	0	72	433	72
31	170	...	90	110	...	146	...	146	...	890	240	...
Mean	148	158	98	94	200	214	165	176	32	56	701	128
Max.	314	217	211	180	420	588	211	433	146	890	3990	362
Min.	64	125	40	30	80	110	100	68	0	0	88	47
A.F.	9120	9420	5990	5790	11080	13130	9800	10790	1880	3450	53090	7620

Total acre-feet 131160.

BUREAU OF IRRIGATION

REPUBLICAN RIVER AT CAMBRIDGE—Sec. 28-4-25 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	53	290	350	280	250	531	366	312	344	22	1250	390
2	78	295	344	290	250	520	350	317	322	53	698	262
3	138	300	350	230	230	485	350	317	282	24	1570	206
4	126	305	344	200	240	491	432	307	249	356	3140	178
5	132	312	350	200	260	485	426	334	236	414	2590	154
6	129	312	350	210	280	498	465	356	222	123	1790	138
7	132	322	350	180	320	527	458	372	175	67	4570	120
8	135	317	317	180	340	432	458	658	164	41	3100	104
9	164	322	320	190	360	390	458	746	144	74	1810	100
10	287	328	320	200	380	414	439	642	114	90	2410	94
11	328	328	250	210	420	450	439	485	92	76	970	82
12	485	356	160	220	520	350	420	658	78	945	1110	86
13	356	372	120	230	550	350	408	465	61	328	963	100
14	302	378	100	230	500	400	396	465	59	194	541	120
15	267	384	110	230	490	390	390	402	52	150	1060	198
16	262	384	130	230	470	634	439	366	62	126	512	1060
17	254	390	140	220	480	498	432	350	88	59	328	746
18	254	384	180	230	660	439	414	378	72	343	236	426
19	249	378	180	220	980	465	384	586	67	222	402	361
20	254	378	200	220	690	402	384	426	72	150	214	312
21	258	372	200	220	570	498	372	366	82	322	198	267
22	262	378	210	230	530	505	350	339	67	452	168	244
23	277	390	200	230	630	527	328	292	69	302	168	214
24	262	366	210	250	610	485	334	244	61	123	662	214
25	272	366	230	250	550	452	339	236	48	1890	170	222
26	277	366	240	260	527	439	328	287	36	3680	172	206
27	267	372	230	260	527	439	334	328	28	2260	1020	202
28	282	361	240	260	534	439	328	491	25	741	714	186
29	282	350	260	260	...	402	334	1030	25	445	690	178
30	282	350	260	250	...	384	328	618	23	1780	485	161
31	285	...	270	250	...	378	...	402	...	1660	590	...
Mean	238	350	242	230	470	453	389	438	114	565	1106	244
Max.	485	390	350	260	980	634	465	1030	344	3680	4570	1060
Min.	53	290	100	180	230	350	328	236	23	22	168	82
A.F.	14660	20840	14910	14120	26030	27870	23170	26930	6780	34730	68040	14540

Total acre-feet 292670.

REPUBLICAN RIVER NEAR ORLEANS—Sec. 19-2-19 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	52	307	361	270	230	706	402	294	733	31	1690	488
2	57	307	361	260	240	645	394	287	562	33	1300	376
3	63	313	365	170	240	610	402	294	450	40	894	300
4	65	330	361	190	240	558	429	251	365	64	1410	240
5	118	330	358	180	250	520	454	333	316	502	1350	202
6	120	323	340	160	260	488	475	330	272	558	1050	169
7	116	323	320	150	270	475	462	313	243	310	1940	153
8	114	327	330	170	300	450	458	344	202	169	3850	135
9	125	333	320	170	340	480	462	860	183	127	2170	122
10	180	337	340	180	390	400	471	846	166	125	1630	109
11	234	347	330	190	440	280	458	772	153	127	1480	98
12	337	354	140	200	500	220	446	680	135	480	1060	92
13	488	361	130	220	530	240	433	1040	116	1050	976	90
14	391	376	120	210	550	250	421	665	107	534	1090	88
15	340	383	110	200	540	530	410	511	102	297	766	95
16	310	387	120	190	580	506	433	433	102	192	912	428
17	294	387	130	200	740	625	450	369	299	143	738	665
18	284	391	150	200	1000	544	450	351	323	116	572	553
19	272	391	170	210	1300	480	421	1520	195	151	475	429
20	263	394	190	220	1200	506	398	922	145	207	570	376
21	263	387	220	240	1140	497	394	640	120	158	379	351
22	266	383	210	230	894	511	387	506	97	200	287	294
23	263	387	200	240	912	515	361	406	90	448	240	263
24	272	387	200	250	918	515	337	351	71	399	215	240
25	284	383	190	250	924	493	313	320	60	853	197	218
26	281	369	190	250	816	493	313	320	55	1710	207	210
27	284	365	200	260	799	471	313	323	47	3990	200	197
28	281	369	230	270	766	446	297	1860	39	1880	528	185
29	284	361	230	270	...	446	300	2210	35	988	588	190
30	291	358	240	250	...	429	297	1880	35	700	572	175
31	297	...	260	230	...	413	...	1240	...	1420	497	...
Mean	235	353	239	215	618	476	401	694	194	581	962	251
Max.	488	394	365	270	1300	706	475	2210	733	3990	3850	665
Min.	52	307	110	150	250	220	297	287	35	31	197	88
A.F.	14460	21320	14710	13230	34330	29240	23880	42670	11540	35710	59160	14960

Total acre-feet 315210.

REPORT OF THE STATE ENGINEER

REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. 8-1-15 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	141	345	405	240	270	866	496	372	1450	65	2510	999
2	138	349	400	240	280	780	479	363	957	84	2770	943
3	135	354	400	230	280	720	490	363	786	130	1970	705
4	135	353	405	200	280	732	490	363	672	153	1270	564
5	135	363	400	180	290	720	496	396	570	189	1910	452
6	156	363	381	190	300	690	524	405	506	903	1500	366
7	181	354	396	190	310	690	535	421	425	922	1320	363
8	190	354	405	180	330	624	547	396	367	600	4110	336
9	193	363	377	190	350	600	547	396	327	350	6030	314
10	252	372	391	200	380	624	541	890	294	300	4010	298
11	480	377	390	200	440	541	535	887	267	300	3770	282
12	1270	382	360	210	490	400	529	852	237	350	2940	267
13	908	396	180	210	560	350	524	929	213	666	2530	263
14	648	410	85	210	570	400	512	1190	193	1920	3160	256
15	518	421	120	210	590	535	496	798	181	1710	3180	252
16	457	436	150	210	560	838	512	636	171	1200	2300	259
17	426	436	150	230	580	672	529	541	159	660	1620	610
18	391	431	140	210	700	780	535	512	325	382	1190	943
19	386	436	140	220	756	672	529	898	452	294	1080	762
20	382	436	140	240	1300	582	501	1750	278	684	873	1310
21	377	431	140	240	1310	612	484	1030	227	901	950	618
22	363	421	180	240	943	588	468	810	193	594	774	512
23	363	421	200	240	887	600	462	660	168	512	654	426
24	363	426	200	240	1140	606	441	512	150	1370	564	372
25	363	436	200	240	1080	612	426	436	127	1220	506	345
26	363	431	200	250	992	600	421	405	106	1830	518	318
27	363	405	230	250	936	570	410	410	96	3520	726	298
28	367	410	240	250	943	547	410	848	86	4940	1050	298
29	363	410	270	250	...	518	400	2720	73	4530	1150	310
30	354	421	300	250	...	512	386	3620	70	3680	1860	290
31	354	...	270	260	...	501	...	2520	...	2470	1380	...
Mean	371	398	266	223	637	616	488	882	338	1208	1941	479
Max.	1270	436	405	260	1310	866	547	3620	1450	4940	6030	1310
Min.	135	345	85	180	270	350	386	363	70	68	506	252
A.F.	22840	23700	16370	13690	35400	37850	29070	54210	20090	74260	119400	28490

Total acre-feet 475370.

REPUBLICAN RIVER AT HARDY—Sec. 6-15-5 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	244	421	463	270	330	1150	604	477	2840	168	2620	1880
2	241	400	463	200	330	1090	572	442	1940	170	3730	1420
3	241	388	477	150	330	1020	572	456	1190	178	3060	1150
4	241	442	477	110	330	1040	564	456	980	178	2270	1120
5	241	421	477	150	330	998	556	540	863	182	1480	890
6	241	414	477	200	340	971	526	556	746	188	1320	764
7	241	421	449	220	350	953	533	526	665	205	1880	665
8	241	414	394	230	350	872	533	540	540	707	1420	596
9	312	421	310	315	350	845	556	755	456	12800	3580	519
10	3200	442	435	300	350	836	564	665	358	12600	7000	505
11	1040	449	564	300	350	700	604	558	340	2070	5020	477
12	484	456	340	290	350	450	596	953	330	1260	4260	442
13	588	442	330	280	370	400	580	989	325	821	3070	394
14	962	442	282	280	400	400	564	971	290	740	3070	370
15	596	442	235	300	400	450	548	1020	290	905	3390	352
16	596	449	241	320	450	500	540	1280	285	2100	3560	358
17	526	456	250	330	550	600	526	980	275	8220	2840	352
18	456	470	315	300	700	700	526	845	260	3000	2000	388
19	442	470	352	290	800	800	526	863	254	1250	1480	692
20	442	470	358	310	900	908	533	881	244	845	1370	10100
21	428	470	330	310	1000	944	540	1640	463	701	1190	5840
22	421	449	310	320	1100	917	540	1940	340	809	962	1820
23	428	477	290	320	1200	854	533	1220	295	935	1100	971
24	421	463	290	340	1180	809	519	1020	241	872	971	638
25	407	463	280	250	1110	782	533	890	210	854	881	526
26	388	470	270	270	1260	764	512	728	202	1520	809	470
27	382	477	260	280	1230	773	477	665	200	1260	1080	435
28	382	477	250	290	1210	737	470	647	190	3920	971	556
29	376	477	250	300	...	656	491	1370	180	5220	1140	683
30	388	463	260	310	...	629	498	2920	175	4540	1260	430
31	400	...	260	320	...	656	...	3640	...	3990	1640	...
Mean	516	447	346	273	641	781	541	1014	532	2362	2270	1193
Max.	3200	477	564	340	1260	1150	604	3640	2840	12800	7000	10100
Min.	241	388	235	110	330	400	470	442	175	163	809	352
A.F.	31730	26610	21300	16770	35600	48010	32200	62340	31670	145200	139600	71010

Total acre-feet 662040.

BUREAU OF IRRIGATION

567

ROCK CREEK AT PARKS—Sec. 21-1-39 W. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	15	15	14	16	16	17	11	14	14	28	16
2	15	15	15	14	16	16	17	14	14	14	23	16
3	14	15	15	12	16	15	19	14	14	14	20	15
4	13	15	15	12	16	15	19	14	14	14	19	16
5	13	15	15	12	16	16	18	18	14	14	17	16
6	13	15	15	14	16	16	17	17	14	13	17	15
7	13	15	15	15	16	16	17	17	12	14	17	15
8	13	16	15	16	16	16	17	19	13	20	18	15
9	14	16	15	17	16	15	17	19	13	17	22	15
10	17	16	15	14	16	16	16	17	13	15	22	16
11	17	16	14	14	16	16	15	16	13	14	31	16
12	16	15	13	14	17	15	16	16	14	14	23	16
13	16	15	12	14	16	15	16	16	14	13	19	16
14	15	16	13	15	16	17	16	15	14	12	18	16
15	15	16	14	15	16	17	16	14	13	12	16	23
16	15	16	15	15	16	16	17	14	14	12	16	21
17	15	15	14	15	17	16	17	14	14	13	15	18
18	15	15	14	15	16	17	16	14	14	12	14	17
19	16	15	14	15	16	18	16	15	14	13	14	16
20	15	15	15	15	16	17	16	14	18	13	14	15
21	16	15	15	15	16	17	16	14	19	13	14	15
22	16	15	15	15	16	17	16	14	15	14	14	14
23	15	15	14	15	16	17	16	13	14	14	14	15
24	15	15	14	16	16	16	16	13	14	13	14	15
25	15	15	14	16	16	16	15	13	13	17	15	15
26	15	15	14	16	15	16	13	15	12	16	16	15
27	15	16	14	16	15	16	11	15	13	15	16	16
28	15	15	14	16	16	14	11	14	28	14	16	16
29	15	15	14	16	...	15	11	14	21	21	16	16
30	16	15	14	16	...	16	11	14	16	48	16	16
31	15	...	14	16	...	16	...	14	...	35	16	...
Mean	15	15	14	15	16	16	16	15	15	16	18	16
Max.	17	16	15	17	17	18	19	19	28	48	31	23
Min.	13	15	12	12	15	14	11	11	12	12	14	14
A.F.	920	908	881	912	889	982	934	914	877	986	1090	956

Total acre-feet 11250.

SALT CREEK AT LINCOLN—Sec. 12-10-6 E. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62	62	54	56	54	488	67	75	136	46	1120	44
2	61	63	53	69	52	200	62	66	112	43	140	44
3	63	64	54	53	53	150	90	68	163	46	73	41
4	85	64	54	58	54	141	74	65	99	54	65	41
5	67	64	51	46	58	428	70	762	96	47	80	43
6	65	65	54	48	61	264	67	281	86	47	135	41
7	70	67	51	47	64	219	65	135	80	43	295	42
8	64	69	51	46	120	80	65	282	78	44	89	41
9	60	67	57	48	78	97	63	16800	73	63	64	41
10	1210	70	58	45	84	99	58	1780	68	54	54	39
11	255	66	60	48	88	94	60	408	68	56	49	40
12	180	65	58	50	104	99	58	278	64	131	140	41
13	94	62	53	52	73	89	56	195	65	325	295	40
14	84	60	52	47	78	89	54	159	446	85	138	41
15	79	58	51	51	76	94	57	130	329	59	247	43
16	74	57	52	47	81	106	55	116	92	76	110	43
17	72	56	55	48	84	112	61	104	119	84	166	45
18	72	55	56	48	89	89	61	99	93	60	127	47
19	83	53	63	48	90	101	58	133	107	128	63	44
20	153	52	65	48	157	96	58	140	78	73	52	380
21	118	52	54	49	159	94	56	124	70	54	48	872
22	92	49	66	48	197	88	59	110	65	53	47	90
23	80	51	61	54	169	107	59	97	62	52	45	60
24	67	52	54	52	161	163	93	86	59	53	44	50
25	67	54	54	50	143	159	66	541	51	52	44	50
26	65	54	52	50	135	103	68	267	53	54	44	50
27	63	55	55	50	191	99	67	116	50	52	70	50
28	63	54	56	50	1600	81	61	100	48	51	146	50
29	59	55	60	53	...	67	84	1100	47	58	124	50
30	63	53	70	49	...	67	75	1240	47	56	56	50
31	61	...	59	50	...	66	...	224	...	208	52	...
Mean	119	59	56	50	155	136	65	841	100	75	136	85
Max.	1210	70	70	69	1600	488	93	16800	446	325	1120	872
Min.	59	49	51	45	52	66	54	65	47	43	44	39
A.F.	7340	3510	3460	3090	8630	8390	3840	51730	5960	4590	8370	5080

Total acre-feet 113970.

REPORT OF THE STATE ENGINEER

SALT CREEK NEAR ASHLAND—Sec. 31-13-10 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	112	135	138	100	110	500	173	178	328	97	1200	120
2	112	135	130	100	110	500	167	167	244	92	636	110
3	115	135	133	100	110	500	162	156	241	97	162	92
4	148	128	138	100	110	978	173	151	273	94	138	92
5	146	128	135	100	110	2560	162	424	219	110	783	93
6	133	133	135	100	110	2120	176	606	162	110	1160	94
7	279	128	135	100	110	2310	162	198	173	110	361	86
8	146	133	143	100	150	207	167	198	150	125	845	84
9	128	138	53	100	150	273	170	12500	150	173	310	84
10	1620	143	57	100	150	300	162	8680	140	396	184	84
11	1000	143	146	100	150	247	162	1000	130	324	140	92
12	339	146	63	100	150	225	140	700	130	1130	691	92
13	193	143	77	100	100	228	140	420	120	1040	1970	92
14	162	143	74	100	100	257	130	307	120	420	1070	92
15	156	143	110	100	100	254	115	250	820	196	970	90
16	135	140	125	100	100	270	118	222	700	151	914	92
17	125	138	128	100	100	270	140	184	170	361	408	92
18	133	133	130	100	100	279	138	176	230	207	469	88
19	146	120	146	100	100	279	125	184	180	400	286	92
20	346	112	162	100	100	283	125	257	200	706	178	97
21	317	112	135	100	150	250	125	310	150	257	140	907
22	225	108	90	100	150	235	125	254	140	151	120	335
23	162	108	90	100	150	276	122	196	130	148	125	148
24	173	127	90	100	150	469	130	178	125	238	115	115
25	135	130	90	100	150	576	176	488	122	257	110	101
26	125	130	95	100	150	307	146	637	120	125	110	101
27	135	135	95	100	150	241	135	339	110	103	110	101
28	146	135	95	100	500	187	140	216	105	110	332	97
29	146	140	95	100	...	173	167	424	97	92	404	105
30	151	133	95	100	...	156	162	750	94	105	207	108
31	146	...	95	100	...	135	...	556	...	426	140	...
Mean	243	132	110	100	138	511	148	1009	202	269	477	133
Max.	1620	146	162	100	500	2560	176	12500	820	1130	1970	907
Min.	112	108	53	100	100	135	115	151	94	92	110	84
A.F.	14950	7840	6790	6150	7680	31430	8800	62050	12050	16560	29330	7890

Total acre-feet 211520.

SAPPA CREEK NEAR BEAVER CITY—Sec. 14-1-23 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	14	16	14	6	28	18	15	25	52	478	102
2	14	13	15	14	6	30	13	13	36	20	182	66
3	16	13	16	12	6	30	12	13	44	15	250	45
4	17	14	15	12	6	30	11	14	24	12	214	37
5	18	14	15	10	8	30	12	14	13	90	131	32
6	15	15	14	8	10	30	12	16	10	82	412	28
7	14	14	12	6	10	26	14	16	10	60	2240	26
8	14	14	14	8	10	25	12	14	10	32	613	23
9	14	14	16	8	12	20	14	17	10	15	240	22
10	28	14	16	10	12	15	14	22	10	12	185	21
11	38	15	14	10	12	15	14	14	10	20	618	417
12	62	14	12	10	12	15	14	29	10	618	417	19
13	54	14	10	10	12	10	12	16	8	1140	574	19
14	30	14	10	10	12	10	11	14	9	312	158	18
15	31	14	10	12	12	10	15	14	8	64	97	18
16	31	16	10	12	12	10	15	14	8	38	77	18
17	24	17	10	12	14	10	15	14	9	28	77	18
18	20	16	10	12	16	15	12	14	9	451	104	18
19	19	15	12	12	17	15	13	14	8	443	158	18
20	19	15	14	10	17	20	13	34	9	87	182	17
21	17	16	14	10	18	21	14	21	9	49	140	17
22	16	15	12	10	20	19	16	21	9	520	92	17
23	17	15	10	10	20	18	16	15	9	333	64	18
24	15	16	10	10	22	20	14	14	9	77	56	15
25	14	15	10	10	22	17	15	12	9	118	51	16
26	14	15	10	10	24	18	14	13	8	1120	72	15
27	15	15	10	10	26	18	14	13	8	2730	104	13
28	14	16	12	10	28	20	14	72	6	1530	102	13
29	14	16	12	8	...	15	14	84	8	388	125	13
30	15	16	12	6	...	15	14	37	100	244	222	14
31	14	...	12	6	...	22	...	36	...	925	170	...
Mean	21	15	12	10	14	19	14	22	15	377	271	24
Max.	62	17	16	14	28	32	18	84	100	2730	2240	102
Min.	14	13	10	6	6	10	11	12	6	12	51	13
A.F.	1310	880	760	620	800	1180	810	1330	900	23160	16670	1460

Total acre-feet 49880.

BUREAU OF IRRIGATION

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SAPPA CREEK NEAR STAMFORD—Sec. 23-2-20 W. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	33	34	32	20	15	55	36	35	146	26	940	324
2	33	33	32	20	15	55	44	34	148	117	914	195
3	34	32	32	20	15	65	43	38	140	53	366	158
4	35	32	32	20	15	65	39	35	111	119	347	121
5	33	31	30	20	15	65	36	37	91	170	313	101
6	32	31	25	20	15	65	33	58	87	125	225	90
7	33	31	25	15	15	65	35	49	53	191	787	82
8	32	33	20	15	15	30	35	38	46	92	2220	75
9	31	32	30	15	15	35	38	38	40	74	2360	73
10	272	32	20	15	15	30	38	37	36	42	548	68
11	225	34	15	15	15	30	35	36	34	82	445	65
12	76	32	20	15	20	25	38	152	33	89	982	64
13	75	32	35	15	20	30	37	142	32	376	784	63
14	89	32	30	15	20	40	38	89	31	980	823	61
15	77	32	25	15	20	55	36	49	30	936	608	59
16	65	32	25	15	25	45	37	48	27	367	249	58
17	60	31	30	15	25	50	40	49	26	136	202	57
18	53	33	30	15	25	50	44	39	25	91	186	56
19	55	35	30	15	30	30	41	38	24	322	226	54
20	50	35	25	15	30	35	38	93	25	553	270	52
21	43	34	30	15	35	45	38	103	25	284	261	50
22	40	33	30	15	35	59	39	89	23	134	243	49
23	38	32	30	15	40	56	40	54	22	492	186	47
24	36	34	25	15	40	54	40	43	21	656	157	46
25	38	33	25	15	40	47	38	34	20	316	133	48
26	37	33	25	15	40	53	37	32	18	182	147	43
27	35	32	25	15	45	49	36	39	16	800	202	42
28	35	32	25	15	55	45	35	248	15	1460	177	41
29	35	32	20	15	..	41	35	665	15	2080	628	41
30	34	32	20	15	..	44	35	753	17	1850	604	37
31	34	..	20	15	..	39	..	271	..	553	323	..
Mean	58	32	26	16	25	47	38	112	45	444	544	77
Max.	272	35	35	20	55	65	44	753	148	2080	2360	324
Min.	31	31	15	15	15	25	33	32	15	26	133	37
A.F.	3570	1940	1620	982	1410	2880	2250	6870	2690	27290	33430	4600

Total acre-feet 89530.

SHEEP CREEK NEAR MORRILL—Sec. 16-23-57 W. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	132	121	99	87	85	78	76	76	2	3	5	5
2	132	119	98	86	85	79	76	75	2	5	5	4
3	132	116	96	86	85	79	76	74	2	6	6	5
4	132	113	95	86	86	79	76	74	2	10	5	6
5	133	112	96	86	86	79	76	76	3	12	5	6
6	140	112	95	86	85	79	76	74	4	10	5	5
7	155	111	94	86	86	78	76	78	4	4	5	4
8	140	110	94	87	85	78	76	80	4	5	5	4
9	136	109	96	87	85	78	77	78	4	5	5	6
10	136	108	96	86	85	78	79	76	4	5	5	7
11	136	108	93	86	83	78	76	76	4	5	6	6
12	135	106	93	86	83	78	76	76	4	5	5	10
13	138	107	92	86	83	79	76	45	4	4	6	5
14	131	107	92	86	82	79	76	4	4	4	6	4
15	130	107	93	85	83	80	76	3	4	4	5	6
16	128	108	94	86	83	79	76	3	4	4	5	105
17	127	111	93	86	83	79	75	3	4	4	5	155
18	147	113	93	86	83	79	74	3	4	4	12	144
19	173	112	94	86	83	80	74	4	4	4	5	147
20	147	110	92	87	84	84	75	5	5	4	4	155
21	137	109	91	89	83	82	74	7	4	6	4	149
22	136	110	90	88	82	80	74	6	4	6	4	145
23	132	111	91	86	82	78	74	6	4	6	4	143
24	131	112	91	86	82	77	72	10	4	88	4	148
25	128	109	90	86	82	77	72	25	4	130	35	144
26	124	104	90	86	82	76	72	25	3	120	137	143
27	119	103	90	86	81	76	72	10	4	131	143	140
28	122	100	91	86	79	76	76	2	3	118	90	140
29	124	99	90	86	..	76	76	2	2	41	9	142
30	123	99	89	86	..	76	76	2	3	6	9	143
31	124	..	88	85	..	76	..	2	..	5	6	..
Mean	134	109	93	86	83	78	75	35	4	25	18	74
Max.	173	121	99	89	86	84	79	80	5	131	143	155
Min.	119	99	88	85	79	76	72	2	2	3	4	4
A.F.	8250	6500	5710	5300	4630	4820	4470	2140	209	1520	1100	4410

Total acre-feet 49060.

REPORT OF THE STATE ENGINEER

SHELL CREEK AT NEWMAN GROVE—Sec. 2-20-4 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	0	0	1	50	2	2	1	1	4	2
2	0	1	0	0	1	10	2	2	5050	1	4	2
3	0	1	0	0	1	20	2	2	76	1	4	2
4	1	1	0	0	1	170	2	2	11	1	4	2
5	1	1	0	0	1	288	2	2	8	1	5	2
6	1	1	0	0	1	145	2	3	7	1	4	2
7	1	1	0	0	1	44	2	4	6	1	4	2
8	1	1	0	0	1	6	2	4	6	1	3	2
9	1	1	0	0	1	6	2	42	5	590	3	2
10	2	1	0	0	1	6	2	2	2	12	4	2
11	2	1	0	0	2	6	1	1	2	113	4	2
12	2	1	0	0	2	6	1	1	3	311	309	2
13	1	1	0	0	2	6	1	1	3	15	21	2
14	1	1	0	0	2	6	1	1	29	7	4	2
15	1	1	0	0	2	6	1	1	7	6	6	2
16	1	1	0	0	2	63	1	1	3	942	5	2
17	1	1	0	0	2	213	1	1	3	304	3	2
18	1	1	0	0	2	114	1	1	178	4580	3	2
19	1	1	0	0	2	57	1	3	5	1570	2	2
20	1	1	0	0	2	41	1	2	2	86	3	2
21	1	1	0	0	2	11	1	1	1	471	3	2
22	1	1	0	0	2	27	2	1	1	107	3	2
23	1	1	0	0	2	221	2	1	1	324	2	2
24	1	1	0	0	2	306	1	2	1	70	2	2
25	1	1	0	0	2	102	2	2	1	89	2	2
26	0	1	0	0	2	20	2	1	1	61	2	2
27	0	1	0	0	2	27	2	1	1	12	2	2
28	0	1	0	0	70	6	2	1	1	6	2	2
29	0	1	0	0	.	5	2	1	1	5	2	2
30	0	1	0	0	.	3	3	1	1	5	2	2
31	0	.	0	0	.	2	.	1	1	4	2	2
Mean	1	1	0	0	4	64	2	3	181	313	14	2
Max.	2	1	0	0	70	306	3	42	5050	4580	309	2
Min.	0	1	0	0	1	2	1	1	1	1	2	2
A.F.	51	60	31	31	226	3950	93	184	10750	19240	843	115

Total acre-feet 35570.

SHELL CREEK AT COLUMBUS—Sec. 23-18-1 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	5	11	10	3	100	30	30	22	14	45	16
2	6	5	10	10	3	200	29	26	410	13	42	16
3	6	5	9	10	3	400	27	23	4510	12	42	14
4	6	7	8	10	3	600	26	22	2780	12	38	13
5	6	7	10	10	3	735	26	24	671	12	54	12
6	7	7	10	10	3	1180	23	25	121	11	56	12
7	7	7	10	10	3	1020	22	28	68	11	55	11
8	9	7	10	10	3	457	20	30	52	11	139	12
9	14	7	10	10	3	210	21	84	44	11	148	11
10	15	9	10	10	3	180	22	390	40	33	49	12
11	18	10	10	10	3	150	22	113	36	458	40	10
12	25	8	10	10	3	80	22	48	34	167	61	10
13	14	9	10	5	3	50	21	32	33	334	414	11
14	6	8	10	5	3	25	20	26	35	389	898	12
15	2	6	10	5	3	30	19	24	30	62	264	11
16	1	6	10	5	3	40	18	21	28	35	82	9
17	4	8	10	5	3	90	18	20	49	33	55	10
18	6	10	10	5	3	100	17	19	46	486	39	13
19	4	10	10	5	3	140	17	22	82	1160	32	11
20	6	6	10	5	3	230	18	20	214	3140	26	11
21	11	6	10	5	3	215	16	22	75	2360	24	12
22	10	7	10	5	3	151	15	28	41	411	22	13
23	8	7	10	5	3	169	14	26	30	611	22	12
24	8	13	10	5	3	309	14	20	26	525	21	12
25	9	14	10	5	3	335	14	18	23	429	20	12
26	7	9	10	5	3	257	14	18	20	108	19	11
27	9	7	10	5	3	127	14	17	18	125	19	12
28	11	10	10	5	3	70	16	22	18	113	21	10
29	7	10	10	5	.	58	18	22	16	102	21	10
30	7	10	10	5	.	35	25	47	15	62	22	12
31	6	.	10	5	.	37	.	32	.	50	18	12
Mean	8	8	10	7	3	251	20	42	320	365	91	12
Max.	25	14	11	10	3	1180	30	390	4510	3140	898	16
Min.	1	5	8	5	3	25	14	17	15	11	18	9
A.F.	522	470	611	426	167	15450	1190	2580	19020	22410	5570	700

Total acre-feet 69120.

BUREAU OF IRRIGATION

571

SILVER CREEK AT ITHACA—Sec. 23-14-8 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	5	7	10	7	147	7	5	7	5	4	6
2	5	5	7	8	7	121	7	5	7	5	4	6
3	5	5	7	7	7	121	7	5	7	5	4	6
4	5	5	7	6	7	115	6	5	7	5	4	5
5	5	5	5	5	7	164	6	6	6	4	9	6
6	5	5	7	4	7	62	6	6	6	4	7	5
7	5	5	7	4	7	24	6	6	6	4	6	5
8	5	5	7	5	7	20	6	28	5	4	6	5
9	23	5	7	5	7	20	6	10	5	4	5	5
10	12	5	7	5	7	18	6	8	5	4	8	5
11	10	5	8	5	7	12	6	8	5	4	241	5
12	5	5	8	5	10	9	5	7	5	4	361	5
13	5	5	8	5	10	7	5	7	5	4	44	5
14	5	5	10	5	10	7	5	7	5	4	25	5
15	5	5	10	5	10	7	5	7	5	4	24	5
16	5	5	12	5	8	7	5	7	6	11	97	5
17	5	5	10	5	8	7	5	6	7	10	48	5
18	5	5	10	5	8	7	5	6	6	6	44	5
19	5	5	10	5	8	7	5	8	6	5	26	5
20	8	5	8	5	10	10	5	7	5	5	8	5
21	8	5	8	5	8	10	5	7	5	5	7	5
22	5	5	8	5	10	10	5	7	5	5	6	5
23	5	5	10	5	8	10	5	7	5	5	6	5
24	5	5	10	5	8	10	5	7	5	5	6	5
25	5	5	10	5	13	10	5	13	5	5	6	5
26	5	5	10	5	10	8	5	10	5	5	6	5
27	5	5	10	5	16	8	5	8	5	4	6	5
28	5	5	12	5	470	7	5	8	5	4	6	5
29	5	5	10	5	..	7	5	7	5	4	6	5
30	6	5	10	5	..	7	5	7	5	4	6	5
31	5	..	8	5	..	7	..	7	..	4	6	..
Mean	6	5	8	5	25	32	6	8	5	5	34	5
Max.	23	5	12	10	470	164	7	28	7	11	361	6
Min.	5	5	7	4	7	7	5	5	5	4	4	5
A.F.	392	315	517	322	1390	1990	328	483	317	306	2060	302

Total acre-feet 8720.

SNAKE CREEK NEAR BURGE—Sec. 20-31-31 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	253	241	250	240	180	286	272	269	238	230	218	221
2	244	244	250	210	200	282	282	276	332	236	211	218
3	238	247	256	180	200	279	296	292	244	230	218	216
4	236	238	253	200	220	282	279	314	233	230	233	216
5	238	250	250	220	260	292	260	344	224	230	218	213
6	306	253	253	230	280	289	250	310	218	221	221	213
7	325	253	260	210	296	300	247	306	213	218	218	213
8	296	256	244	230	289	292	256	398	216	216	236	213
9	276	253	260	230	289	250	256	406	205	236	236	221
10	414	250	272	230	282	266	276	359	203	236	233	238
11	355	260	190	230	270	280	266	321	203	233	230	244
12	325	253	178	220	240	269	289	310	205	253	227	276
13	292	247	220	240	220	263	289	279	208	238	236	282
14	282	247	220	240	220	276	272	266	279	233	241	260
15	260	250	230	230	240	256	282	260	232	233	244	253
16	253	253	270	180	250	266	272	250	253	238	230	250
17	253	244	280	200	250	272	269	247	230	233	218	247
18	247	244	280	200	266	244	289	250	276	244	213	241
19	263	244	290	210	250	256	263	247	286	296	216	244
20	256	244	250	240	292	266	250	253	260	247	218	270
21	256	238	250	250	300	276	241	253	247	238	216	306
22	244	238	260	260	286	266	238	241	227	236	213	276
23	241	247	240	250	282	292	236	233	208	230	211	266
24	244	260	240	250	289	286	253	238	205	233	208	253
25	241	253	230	230	276	286	256	260	216	244	211	244
26	244	250	240	230	279	296	238	250	208	247	250	241
27	244	256	250	190	296	279	241	276	203	238	247	238
28	241	256	260	200	300	250	266	250	213	227	236	236
29	244	263	270	210	..	253	292	263	213	230	233	238
30	250	256	260	170	..	263	266	272	213	227	250	253
31	241	..	270	180	..	266	..	253	..	227	230	..
Mean	268	250	249	219	261	273	264	282	232	236	226	244
Max.	414	263	290	260	300	300	296	406	332	296	250	306
Min.	236	238	178	170	180	244	236	233	203	216	208	213
A.F.	16470	14850	15320	13470	14480	16780	15710	17350	13810	14510	13920	14500

Total acre-feet 181170.

REPORT OF THE STATE ENGINEER

SPOTTED TAIL CREEK, DRY—Sec. 28-23-56 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	78	39	36	51	43	41	26	36	57	61	57	48
2	78	38	35	51	43	42	26	35	57	59	58	51
3	66	40	34	48	42	40	23	36	54	62	47	46
4	63	39	40	48	43	39	27	36	54	62	47	46
5	62	39	45	49	43	40	27	39	48	62	39	50
6	60	39	46	49	43	38	26	39	44	63	51	50
7	62	38	59	51	43	37	26	42	44	65	42	52
8	59	44	59	53	43	38	26	41	43	68	38	50
9	56	50	58	51	42	38	27	39	38	74	41	57
10	67	51	59	49	42	36	29	41	44	69	41	63
11	69	51	53	48	42	36	26	41	49	70	46	55
12	64	51	57	48	41	36	25	42	44	63	50	58
13	62	52	58	47	41	36	26	43	44	64	49	56
14	60	51	59	48	41	36	26	43	46	64	46	54
15	57	51	60	42	41	35	26	44	51	63	34	59
16	58	51	59	53	41	34	26	47	59	59	29	77
17	52	51	58	53	40	27	28	45	63	55	30	84
18	61	48	57	51	41	24	28	49	78	71	34	81
19	79	46	58	58	41	24	26	52	85	59	41	84
20	63	45	55	48	40	23	25	51	77	55	50	85
21	58	43	52	46	40	23	23	51	65	59	45	83
22	55	43	52	47	40	24	22	46	59	51	43	82
23	52	43	54	46	40	24	24	48	58	58	44	82
24	47	43	55	46	39	24	38	50	55	60	44	80
25	46	42	52	43	41	24	67	66	54	57	47	81
26	46	39	54	46	41	25	70	57	54	55	46	86
27	43	37	51	47	41	23	59	57	62	53	47	84
28	40	37	52	46	41	26	40	61	63	40	48	88
29	40	36	53	44	..	26	40	59	59	48	46	94
30	39	36	52	44	..	26	38	58	61	52	47	97
31	40	..	51	43	..	26	..	59	..	55	47	..
Mean	58	44	52	48	41	31	32	47	56	60	44	69
Max.	79	52	60	58	43	42	70	66	85	74	58	97
Min.	39	36	34	42	39	23	22	35	38	40	29	46
A.F.	3530	2600	3220	2960	2300	1930	1880	2880	3320	3670	2730	4100

Total acre-feet 35120.

SPRING CREEK AT CUSHING—Sec. 5-15-9 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	4	5	6	4	25	9	8	7	3	8	5
2	3	4	5	4	4	15	8	6	6	3	8	5
3	3	4	5	4	4	10	9	7	11	6	8	4
4	3	4	5	3	5	20	9	7	7	12	9	4
5	3	4	5	3	6	40	8	7	6	10	8	4
6	4	4	4	3	6	25	8	8	5	6	8	4
7	4	4	4	3	6	13	8	7	6	5	9	4
8	4	4	4	4	6	13	7	72	5	78	8	4
9	4	4	3	4	8	14	8	35	5	331	24	4
10	10	4	2	4	15	13	7	18	4	428	54	4
11	8	4	2	4	13	12	7	11	4	127	12	4
12	5	5	3	4	13	8	7	9	4	108	54	4
13	4	5	4	4	11	7	7	8	4	54	39	4
14	4	5	4	4	11	7	7	8	12	17	63	4
15	4	5	4	4	10	8	7	7	5	13	27	5
16	4	5	4	4	9	14	7	7	5	33	12	6
17	4	5	4	4	9	25	6	7	27	231	8	6
18	4	5	4	4	12	24	6	46	13	641	7	5
19	4	5	4	4	16	30	6	118	9	1080	7	4
20	5	5	3	4	28	29	6	30	11	147	7	5
21	4	5	3	4	28	32	6	16	6	25	6	5
22	4	5	3	6	24	37	6	15	5	232	5	5
23	4	5	3	6	21	50	6	14	4	365	5	5
24	4	5	4	6	17	60	6	12	4	135	5	4
25	4	5	4	4	17	44	6	11	3	30	5	4
26	4	5	4	4	15	26	6	10	3	17	5	4
27	4	5	5	4	21	18	6	9	3	14	5	4
28	4	5	5	4	30	13	7	9	3	12	5	4
29	5	5	5	4	..	12	9	11	3	11	5	4
30	4	4	5	4	..	10	10	10	3	10	5	4
31	4	4	5	4	..	9	..	8	..	8	5	4
Mean	4	4	4	4	13	21	7	18	6	135	14	4
Max.	10	5	6	6	30	60	10	118	27	1080	63	6
Min.	3	4	2	3	4	7	6	7	3	3	5	4
A.F.	254	264	246	247	733	1310	426	1100	380	8320	865	263

Total acre-feet 14410.

BUREAU OF IRRIGATION

573

STINKING WATER CREEK NEAR PALISADE—Sec. 30-5-33 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	30	36	40	35	35	56	45	41	42	26	42	29
2	35	37	40	35	35	55	46	42	40	26	36	28
3	35	37	40	30	35	53	50	42	38	26	34	26
4	33	36	40	30	36	53	70	40	36	27	31	25
5	32	36	39	34	37	53	31	43	34	27	30	25
6	31	37	39	35	41	55	75	50	33	26	29	24
7	31	38	39	35	48	56	70	58	31	28	29	24
8	31	37	39	32	53	50	66	68	31	28	28	24
9	32	38	38	32	53	46	60	63	29	32	30	24
10	49	38	35	35	53	45	56	60	28	23	27	24
11	63	39	40	35	55	45	53	54	33	26	26	24
12	52	45	31	35	52	38	51	50	31	26	26	24
13	42	48	26	35	52	35	50	47	30	24	26	26
14	40	45	30	30	40	40	48	45	30	24	26	28
15	38	43	35	30	43	45	46	42	30	25	25	35
16	36	42	37	30	50	50	46	41	31	24	24	37
17	36	40	36	30	58	48	48	40	38	24	24	38
18	36	40	33	30	62	48	48	38	76	24	22	37
19	36	40	35	30	60	46	46	37	48	24	23	35
20	36	40	37	30	57	43	43	36	58	24	24	32
21	38	40	32	38	57	48	43	36	54	24	23	31
22	39	39	28	42	56	48	43	34	50	25	23	30
23	39	39	31	45	54	53	42	35	38	32	22	30
24	38	40	34	40	55	52	41	35	35	37	24	29
25	37	40	35	35	55	50	40	34	31	271	24	29
26	37	41	30	30	57	49	40	36	29	91	25	29
27	37	41	31	35	56	49	40	43	27	84	26	27
28	36	40	35	35	57	48	39	49	26	81	26	28
29	36	40	36	35	..	47	40	48	26	58	28	28
30	36	40	37	35	..	46	40	51	27	48	28	28
31	36	..	35	35	..	44	..	47	..	53	30	..
Mean	38	40	35	34	50	48	50	45	36	43	27	29
Max.	63	48	40	45	62	56	81	68	76	271	42	38
Min.	30	36	26	30	35	35	39	34	26	24	22	24
A.F.	2310	2360	2170	2090	2780	2960	2990	2750	2160	2630	1670	1700

Total acre-feet 28570.

STINKING WATER CREEK NEAR WAUNETA—Sec. 17-6-35 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	24	27	28	25	20	34	28	27	27	15	25	17
2	24	27	28	25	20	33	28	27	24	15	25	16
3	24	27	28	20	20	32	48	26	22	15	24	16
4	23	27	28	20	20	32	63	26	22	15	20	15
5	23	27	28	20	24	34	54	31	21	16	20	15
6	22	27	28	20	27	34	49	40	20	17	20	14
7	22	27	27	20	32	31	46	33	18	17	20	14
8	22	27	25	20	32	30	39	43	17	17	20	14
9	26	27	25	20	32	30	34	40	16	17	16	14
10	47	27	27	20	32	30	33	34	16	16	15	14
11	41	29	25	20	32	25	33	31	16	16	16	13
12	32	36	22	20	32	25	30	28	15	16	16	15
13	30	31	23	20	25	25	28	26	15	16	16	20
14	27	31	24	20	25	30	28	25	16	16	16	26
15	26	30	24	20	25	30	27	24	15	15	15	26
16	26	29	25	20	30	34	28	24	22	15	14	29
17	25	28	26	20	35	34	31	24	30	15	13	27
18	25	28	25	20	39	32	30	22	35	15	13	25
19	25	28	25	20	38	25	27	23	38	15	13	23
20	26	28	25	25	39	30	26	22	37	15	13	22
21	27	28	23	26	37	33	26	22	31	19	14	20
22	27	27	22	30	34	36	26	22	25	24	14	20
23	27	28	22	33	34	35	26	21	22	26	14	20
24	27	28	23	32	35	34	26	21	20	34	14	19
25	27	29	23	30	36	32	25	22	18	43	14	18
26	27	29	22	25	36	32	25	28	16	64	14	16
27	27	29	24	25	36	32	25	33	15	66	15	18
28	27	29	24	25	35	30	25	31	16	33	15	18
29	27	28	25	25	..	28	26	37	16	30	18	18
30	28	28	25	25	..	28	27	32	16	30	18	18
31	27	..	25	20	..	28	..	29	..	25	18	..
Mean	27	28	25	23	31	31	32	28	21	23	17	19
Max.	47	36	28	33	39	36	63	43	38	66	25	29
Min.	22	27	22	20	20	25	25	21	15	15	13	13
A.F.	1660	1690	1540	1410	1710	1900	1920	1730	1260	1400	1030	1110

Total acre-feet 18360.

REPORT OF THE STATE ENGINEER

 STREVER CREEK—Sec. 1-8-20 W.
 Water Year Ending September 30, 1950

Day	May	June	July	Aug.	Sept.
1	10	25	30	50	57
2	11	24	31	50	45
3	12	21	30	44	41
4	11	20	31	50	45
5	12	19	38	41	41
6	12	19	37	32	38
7	12	18	40	39	39
8	13	18	39	32	36
9	13	16	47	41	31
10	14	18	42	41	33
11	14	19	42	40	35
12	14	19	44	34	36
13	13	18	49	32	37
14	15	17	46	37	47
15	16	16	37	33	48
16	15	17	29	30	51
17	14	26	24	28	40
18	14	30	24	26	41
19	14	32	34	30	37
20	14	38	43	38	38
21	39	33	93	38	38
22	27	30	152	48	31
23	19	28	82	49	31
24	17	34	74	51	31
25	16	26	64	48	30
26	16	23	64	49	29
27	17	24	70	51	29
28	18	28	60	50	28
29	41	27	57	49	25
30	34	29	54	54	21
31	26	..	51	57	..
Mean	17	24	50	42	37
Max.	41	38	152	57	57
Min.	10	16	24	26	21
A.F.	1060	1410	3090	2560	2200

 TEKAMAH CREEK NEAR TEKAMAH—Sec. 19-21-11 E.
 Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	1	0	0	50	2	2	1	0	1	1
2	0	0	1	0	0	50	2	2	24	0	0	1
3	0	0	1	0	0	50	2	2	2	0	0	1
4	0	0	1	0	0	50	1	2	2	0	1	1
5	0	0	0	0	0	50	1	13	1	0	1	1
6	0	0	0	0	0	50	1	1	0	0	1	1
7	0	0	0	0	0	50	1	1	0	0	10	1
8	1	1	0	0	0	0	2	87	0	0	2	1
9	1	1	0	0	0	0	2	3	0	0	1	1
10	34	1	0	0	0	0	2	2	0	0	0	1
11	1	1	0	0	0	0	1	2	0	0	0	1
12	0	1	0	0	0	0	1	2	0	164	126	0
13	0	1	0	0	0	0	1	2	0	2	2	1
14	0	1	0	0	0	0	1	2	1	1	2	1
15	0	1	0	0	0	20	1	1	0	504	5	0
16	0	1	0	0	0	3	2	1	0	55	1	1
17	0	2	0	0	0	3	2	1	0	1	197	1
18	1	2	0	0	0	3	2	1	6	118	2	1
19	1	2	0	0	0	3	1	1	1	10	2	0
20	2	1	0	0	0	3	1	1	1	3	2	1
21	1	0	0	0	0	3	2	1	1	3	2	2
22	0	0	0	0	0	3	1	1	0	2	2	1
23	0	0	0	0	0	3	2	1	0	2	1	1
24	0	0	0	0	0	4	2	1	0	2	1	0
25	0	0	0	0	0	4	2	1	0	2	1	0
26	0	1	0	0	0	5	1	1	0	2	1	0
27	0	1	0	0	0	3	1	1	0	1	1	0
28	0	1	0	0	200	2	2	1	0	1	2	0
29	0	1	0	0	...	2	3	2	0	1	1	2
30	0	1	0	0	...	2	3	2	0	1	1	1
31	0	..	0	0	...	2	..	1	..	1	1	..
Mean	2	1	0	0	7	14	2	5	1	28	12	1
Max.	34	2	1	0	200	50	3	87	24	504	197	2
Min.	0	0	0	0	0	0	1	1	0	0	0	0
A.F.	93	39	26	0	397	837	100	283	79	1730	742	41

Total acre-feet 4370.

BUREAU OF IRRIGATION

THOMPSON CREEK AT RIVERTON—Sec. 2-1-13 W. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	21	22	23	20	25	19	22	26	21	24	16
2	24	24	21	20	20	25	20	28	26	33	23	16
3	23	23	20	20	20	25	22	29	19	22	20	19
4	26	22	18	15	25	20	26	27	20	22	22	19
5	23	22	18	10	25	19	23	28	20	20	22	16
6	21	17	18	15	25	19	20	26	18	20	23	18
7	23	19	26	20	25	15	18	24	19	19	23	18
8	27	24	25	20	25	15	16	28	19	20	24	19
9	37	27	20	20	27	19	18	24	19	3230	20	20
10	66	22	16	20	30	20	18	27	20	132	23	22
11	27	24	22	20	30	20	20	27	20	45	22	20
12	27	33	20	20	29	25	20	30	21	39	24	23
13	27	29	20	20	28	30	21	29	20	36	22	21
14	26	29	20	25	28	25	20	29	20	36	23	22
15	23	24	20	25	26	28	20	32	21	42	20	22
16	17	24	20	25	21	24	26	30	22	43	21	45
17	21	24	15	25	23	26	22	27	23	39	20	34
18	24	26	15	25	26	28	20	28	20	39	19	19
19	26	29	12	25	26	39	22	28	20	27	23	156
20	24	27	12	30	24	26	21	36	23	24	19	1030
21	22	27	10	35	30	24	16	30	22	23	19	187
22	23	27	15	35	25	24	17	33	20	22	18	58
23	22	26	20	30	27	27	19	32	22	26	19	33
24	23	27	20	25	27	22	21	29	21	19	22	27
25	24	24	20	25	27	21	22	29	20	19	22	24
26	19	23	20	25	25	20	24	32	21	22	26	24
27	20	24	25	25	28	18	22	32	21	23	19	22
28	22	26	30	25	27	16	23	39	20	22	19	30
29	21	23	25	20	..	19	27	44	20	23	19	29
30	22	24	19	20	..	20	22	34	20	23	19	21
31	21	..	19	20	..	19	..	23	..	24	20	..
Mean	25	25	20	23	26	23	21	30	21	134	21	68
Max.	66	33	30	35	30	39	27	44	26	3230	26	1030
Min.	17	17	10	10	20	15	16	22	18	19	18	16
A.F. 1530	1470	1200	1400	1430	1390	1240	1820	1240	8220	1310	4030	

Total acre-feet 26280.

TUB SPRINGS NEAR SCOTTSBLUFF—Sec. 32-23-55 W. Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	50	58	47	42	36	35	30	40	1	9	4	2
2	49	59	48	41	36	35	29	39	1	13	3	3
3	60	59	48	39	36	34	30	41	1	4	2	4
4	82	58	48	39	36	33	30	42	1	19	5	2
5	79	60	52	39	37	32	30	45	1	22	4	2
6	82	60	53	39	36	32	30	32	1	26	6	2
7	91	61	52	40	35	30	30	73	1	14	3	2
8	90	61	52	40	34	30	31	80	1	6	4	2
9	95	61	52	40	34	30	33	75	1	4	3	30
10	95	62	52	39	34	30	34	71	1	3	2	86
11	81	60	45	39	34	30	33	70	2	3	2	90
12	81	58	45	40	34	30	33	66	2	3	2	103
13	82	57	46	40	34	30	33	39	2	4	3	101
14	79	57	48	38	34	30	33	62	2	4	3	105
15	79	58	49	38	35	30	33	28	2	4	2	108
16	79	56	50	39	34	30	33	2	4	3	3	132
17	78	57	50	38	33	30	33	2	26	3	2	125
18	85	57	51	37	33	30	33	2	34	5	2	98
19	81	55	52	37	32	30	33	2	26	15	2	107
20	80	54	46	39	33	30	34	6	26	25	4	111
21	76	53	43	39	33	30	34	20	25	68	4	102
22	72	52	43	37	33	31	34	8	24	76	2	100
23	72	52	43	37	34	31	34	3	32	86	3	96
24	72	51	43	37	35	31	33	3	36	89	3	93
25	68	51	42	35	34	33	33	3	32	89	3	93
26	68	52	42	36	34	32	34	54	32	95	10	91
27	68	51	42	37	34	36	35	7	3	101	47	88
28	68	50	43	37	36	33	39	61	2	52	47	92
29	65	48	42	36	..	32	40	64	3	12	43	94
30	65	48	42	35	..	31	40	13	3	10	50	95
31	65	..	42	35	..	30	..	1	..	5	18	..
Mean	75	56	47	38	34	31	33	34	10	28	10	72
Max.	95	62	53	42	37	36	40	80	36	101	50	132
Min.	49	48	42	35	32	30	29	1	1	3	2	2
A.F. 4640	3320	2880	2350	1910	1930	1970	2120	604	1750	633	4280	

Total acre-feet 28390.

REPORT OF THE STATE ENGINEER

TURKEY CREEK AT NAPONEE—Sec. 4-1-16 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	12	12	13	15	14	13	12	19	10	10	8
2	9	12	12	14	15	14	14	12	17	10	9	8
3	9	11	12	10	20	14	14	12	17	10	9	8
4	8	12	12	10	25	14	13	12	12	10	9	8
5	9	12	12	10	25	13	13	15	11	12	9	8
6	11	12	13	10	25	13	13	14	11	11	9	8
7	10	12	13	10	16	38	13	13	11	10	9	8
8	11	12	13	10	13	54	13	12	11	9	9	8
9	11	12	13	10	13	14	12	12	11	112	9	8
10	15	12	14	10	13	13	13	12	11	26	9	9
11	13	11	14	10	14	14	13	12	12	14	9	9
12	12	11	15	10	14	10	13	12	13	104	9	9
13	11	11	10	10	30	10	13	14	12	27	9	10
14	12	11	10	10	33	10	13	14	11	13	10	10
15	11	11	10	10	20	12	13	13	11	11	9	11
16	11	11	10	15	15	12	14	13	11	11	9	11
17	12	11	10	15	16	12	14	12	11	11	9	11
18	12	11	10	15	14	12	13	13	11	10	10	10
19	12	11	14	10	16	12	13	14	11	11	11	11
20	13	11	12	10	19	12	13	14	11	11	11	453
21	12	11	10	15	23	12	13	14	10	12	11	86
22	12	12	10	11	26	12	13	13	10	11	11	46
23	12	12	10	10	16	12	13	13	10	11	11	25
24	12	12	10	10	14	12	13	13	10	12	11	21
25	12	12	10	10	14	12	12	13	10	12	11	19
26	12	12	15	10	14	12	12	14	10	12	12	19
27	12	12	15	10	14	12	12	15	10	12	11	15
28	12	12	13	10	15	13	12	15	10	12	10	14
29	12	12	12	10	..	13	12	136	10	12	9	16
30	12	12	12	15	..	13	12	72	10	12	8	16
31	12	..	11	15	..	13	..	35	..	10	8	..
Mean	11	12	12	11	18	15	13	20	11	18	10	30
Max.	15	12	15	15	33	54	14	136	19	112	12	453
Min.	8	11	10	10	13	10	12	12	10	9	8	8
A.F.	700	690	732	689	1010	899	770	1210	679	1130	591	1790

Total acre-feet 10890.

WAHOO CREEK AT ITHACA—Sec. 32-14-8 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	21	22	24	14	20	641	34	30	35	20	91	25
2	17	22	23	14	20	304	32	29	26	19	75	24
3	21	24	22	10	20	233	35	28	113	20	44	23
4	21	25	21	10	20	543	33	29	38	21	20	22
5	22	25	21	10	35	1040	31	35	30	20	25	21
6	22	24	21	16	86	488	28	33	28	21	347	21
7	21	26	23	19	133	229	29	31	24	19	56	21
8	19	28	25	19	259	27	30	409	20	18	115	21
9	17	27	26	21	142	43	29	486	24	20	30	20
10	221	26	26	22	63	38	28	58	23	26	21	20
11	158	25	29	22	48	28	28	37	23	41	20	20
12	37	25	29	22	38	28	29	34	24	159	650	20
13	27	26	28	27	37	28	26	34	23	66	934	20
14	26	26	27	23	32	34	25	29	37	29	80	20
15	24	25	27	22	32	37	23	26	33	26	506	19
16	24	24	26	22	32	41	27	28	29	27	194	20
17	21	24	26	22	33	52	27	26	34	33	200	19
18	26	25	25	23	32	40	26	26	370	64	38	19
19	22	26	25	23	31	28	25	24	76	264	35	20
20	197	26	24	22	31	35	23	32	34	42	30	20
21	61	26	24	21	34	35	22	33	32	24	29	20
22	32	26	23	21	32	38	22	32	24	22	28	20
23	28	27	23	20	198	42	22	24	21	22	27	20
24	25	27	22	20	64	111	22	44	18	38	27	18
25	27	28	22	20	30	50	28	599	18	20	26	17
26	28	27	21	20	28	48	26	60	17	18	26	17
27	27	27	22	20	119	46	25	28	17	15	29	17
28	26	28	21	20	3000	42	25	30	20	14	28	18
29	26	26	20	20	..	36	28	415	17	18	28	20
30	24	25	19	20	..	35	34	93	20	17	27	18
31	22	..	17	20	..	35	..	36	..	18	26	..
Mean	42	26	24	19	166	144	27	92	42	38	124	20
Max.	221	28	29	23	3000	1040	35	599	370	264	934	25
Min.	17	22	17	10	20	27	22	24	17	14	20	17
A.F.	2560	1520	1450	1190	9220	8840	1630	5670	2480	2340	7620	1190

Total acre-feet 45710.

BUREAU OF IRRIGATION

577

WEeping WATER CREEK AT UNION—Sec. 26-10-13 E.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	182	17	15	32	12	588	36
2	21	17	15	28	12	40	28
3	30	16	20	26	11	31	32
4	77	21	286	21	10	20	24
5	154	19	2080	13	11	16	23
6	141	16	146	11	10	53	18
7	88	14	44	16	9	4800	25
8	44	12	7080	17	8	7610	18
9	37	10	16900	224	20	486	17
10	34	10	487	92	27	82	18
11	27	12	200	16	60	77	18
12	20	10	70	15	1980	70	16
13	20	10	50	20	700	64	16
14	19	8	50	844	190	58	15
15	24	8	40	132	107	1010	14
16	27	9	40	16	11	108	16
17	24	8	42	432	9	302	19
18	20	10	53	190	94	125	17
19	23	8	64	37	49	47	15
20	27	4	62	30	35	43	30
21	23	5	82	19	28	39	282
22	12	6	43	15	26	36	61
23	10	6	31	51	26	30	34
24	65	8	27	1140	24	26	26
25	21	21	32	85	22	24	19
26	23	16	41	26	19	25	15
27	390	30	11	32	13	17	79	16
28	1040	22	7	28	14	14	766	15
29	18	13	73	16	13	110	294
30	16	15	43	12	8	61	51
31	17	...	40	...	1230	42	...
Mean	42	12	910	120	154	541	41
Max.	182	21	16900	1140	1960	7610	294
Min.	10	4	15	11	8	16	14
A.F.	2570	689	55970	7150	9460	33260	2440

Total acre-feet 111540.

WHITE RIVER AT CRAWFORD—Sec. 3-31-52 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	20	20	25	20	22	22	25	22	15	11	8
2	15	20	20	20	17	22	22	24	21	17	11	9
3	16	21	20	18	14	25	23	22	21	17	12	9
4	16	22	18	12	13	23	22	22	21	20	30	8
5	17	19	16	12	10	24	22	25	21	17	12	8
6	18	21	20	12	15	24	22	26	17	16	10	7
7	20	22	21	9	25	25	22	25	17	15	9	6
8	20	22	21	10	24	20	22	29	18	12	8	6
9	20	22	24	20	22	15	22	29	19	12	8	6
10	20	22	19	22	20	15	29	25	19	11	8	22
11	20	21	18	22	22	20	26	23	20	11	8	22
12	19	21	20	22	22	20	24	22	19	14	14	20
13	20	21	21	20	21	20	23	22	20	11	13	17
14	20	21	22	12	20	22	23	22	29	11	9	17
15	21	21	20	8	22	22	23	22	25	10	8	18
16	20	21	20	7	24	27	23	22	21	11	8	19
17	19	21	20	7	25	26	22	22	21	11	8	29
18	19	20	19	6	23	25	24	21	22	14	9	15
19	20	20	19	6	24	25	22	20	22	12	10	14
20	22	21	19	6	24	26	22	21	19	11	12	19
21	22	21	20	10	23	25	20	21	17	10	13	17
22	21	22	20	25	22	24	20	20	15	14	14	15
23	22	22	20	20	23	25	20	20	15	16	12	15
24	20	22	20	15	23	23	20	20	14	15	11	15
25	17	22	16	10	25	23	20	30	14	15	10	15
26	18	21	21	15	24	25	20	26	14	13	11	15
27	18	20	24	18	24	22	20	24	14	12	11	15
28	19	20	24	15	24	26	23	23	15	10	10	17
29	19	20	25	15	...	25	25	24	17	10	11	20
30	20	20	25	16	...	25	25	23	15	12	10	18
31	20	...	25	19	...	25	...	22	...	11	10	...
Mean	19	21	20	15	21	23	22	23	19	13	11	15
Max.	22	22	25	25	25	32	29	30	29	20	30	29
Min.	15	19	16	6	10	15	20	20	14	10	8	6
A.F.	1180	1250	1260	900	1180	1440	1330	1430	1120	804	677	876

Total acre-feet 13450.

REPORT OF THE STATE ENGINEER

WHITE RIVER NEAR WHITNEY—Sec. 26-33-50 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	8	8	4	0	7	35	48	10	4	6	6
2	6	7	9	4	0	7	55	98	10	7	3	6
3	8	8	9	3	0	6	43	63	10	8	5	5
4	8	7	8	2	1	7	29	23	10	7	12	4
5	8	10	7	2	2	7	29	20	10	7	17	3
6	5	25	7	1	2	8	32	80	16	5	6	4
7	6	24	6	1	2	7	30	58	13	4	4	4
8	15	24	3	1	4	6	24	52	14	4	4	4
9	16	25	2	2	4	4	19	293	15	3	4	3
10	15	26	2	2	5	5	20	85	9	2	5	34
11	14	18	2	2	5	5	110	45	8	2	6	42
12	13	11	2	2	6	5	35	33	10	37	6	11
13	11	9	1	2	6	4	24	27	10	19	30	11
14	13	6	2	2	6	5	25	23	46	5	12	8
15	13	7	1	2	9	6	28	21	53	3	5	14
16	12	7	2	4	14	8	30	22	28	10	7	22
17	12	6	1	1	15	8	20	20	11	9	10	29
18	11	6	3	1	17	10	15	16	16	3	5	25
19	12	6	6	1	17	11	15	14	31	4	7	8
20	11	6	9	1	18	15	15	14	13	3	7	7
21	11	8	10	1	16	16	15	12	5	4	5	7
22	13	7	7	1	15	13	14	10	4	16	6	7
23	10	9	6	1	16	16	13	9	3	44	6	7
24	10	8	5	1	16	11	11	10	4	18	6	6
25	9	8	5	1	15	8	9	12	4	12	5	4
26	8	8	5	1	15	7	10	17	3	10	55	3
27	8	8	5	1	11	5	10	16	3	7	12	3
28	8	7	5	1	9	7	13	14	3	9	8	3
29	9	7	5	1	...	8	12	36	4	10	3	5
30	8	8	5	1	...	8	22	32	5	7	13	10
31	8	...	4	1	...	16	...	13	...	12	7	...
Mean	10	11	5	2	9	8	25	40	12	10	9	9
Max.	16	26	10	4	18	16	110	293	53	44	55	42
Min.	5	6	1	1	0	4	9	9	3	2	3	3
A.F.	622	637	302	101	490	508	1510	2450	756	590	586	607

Total acre-feet 9140.

WINTERS CREEK NEAR SCOTTSBLUFF—Sec. 30-22-54 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	133	70	56	62	51	48	44	54	33	39	65	66
2	128	69	59	61	51	49	44	61	20	47	68	69
3	124	69	60	58	53	50	47	53	30	45	72	85
4	112	69	61	55	53	51	46	19	33	44	61	84
5	131	67	61	53	52	51	46	35	32	46	51	78
6	132	67	63	53	53	49	44	53	24	57	59	80
7	134	69	62	55	52	46	43	55	17	46	56	76
8	100	69	61	56	52	46	43	58	12	44	62	83
9	84	69	61	56	49	45	46	56	11	47	63	100
10	95	68	62	57	49	45	47	30	8	29	54	102
11	88	66	61	55	51	46	45	15	7	26	58	111
12	88	65	61	55	51	46	44	14	8	27	72	124
13	86	66	59	53	52	46	43	30	5	36	78	115
14	85	65	60	53	53	46	42	22	5	38	64	112
15	84	65	60	52	52	46	42	15	7	40	56	120
16	83	64	60	51	51	46	42	25	19	42	52	138
17	82	64	59	51	51	46	39	11	30	44	52	129
18	84	63	58	51	51	47	39	9	46	55	58	138
19	85	63	58	52	51	48	37	9	48	48	58	140
20	81	61	58	52	51	48	38	9	50	65	69	136
21	79	61	57	53	50	48	38	11	42	71	56	129
22	77	61	56	54	50	48	39	11	45	74	54	154
23	77	62	57	56	48	47	40	10	44	76	57	163
24	75	61	57	57	49	48	40	10	43	82	65	157
25	75	60	57	54	50	48	42	22	52	85	83	151
26	75	58	58	53	49	48	42	21	48	73	177	142
27	73	58	58	56	48	47	48	32	33	66	69	157
28	73	56	60	54	48	46	78	39	24	62	73	166
29	71	55	63	53	...	45	93	36	22	62	97	170
30	71	54	65	53	...	45	85	44	24	75	79	171
31	71	...	63	52	...	44	...	46	...	65	65	...
Mean	92	64	60	54	51	47	47	30	27	53	68	122
Max.	134	70	65	62	53	51	93	61	52	85	177	171
Min.	71	54	56	51	48	44	7	9	5	26	51	66
A.F.	5630	3500	3670	3340	2820	2890	2790	1810	1630	3280	4170	7230

Total acre-feet 43060.

BUREAU OF IRRIGATION

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WOOD RIVER NEAR RIVERDALE—Sec. 31-10-16 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	2	3	3	3	10	8	4	14	2	3	2
2	1	3	3	3	4	7	7	4	11	2	2	2
3	1	3	3	3	5	7	7	5	6	2	3	2
4	1	2	3	3	4	7	6	4	4	3	5	2
5	1	2	3	3	4	7	6	5	3	3	3	2
6	1	2	4	3	4	7	6	6	2	4	4	1
7	2	2	4	3	5	6	5	6	2	3	4	1
8	4	2	4	3	5	6	5	6	2	21	3	1
9	6	3	4	3	5	6	5	6	2	362	2	2
10	18	3	4	3	4	6	5	6	2	31	2	2
11	17	3	4	3	5	5	5	6	2	29	2	2
12	7	3	3	3	10	5	4	6	2	104	2	1
13	4	3	3	3	7	5	4	6	2	26	2	2
14	4	3	3	3	7	5	4	5	2	13	2	2
15	4	4	3	3	6	5	5	5	3	5	2	10
16	5	4	3	3	5	5	6	4	4	3	2	2
17	5	2	3	3	10	6	5	5	4	4	2	2
18	5	2	3	3	100	6	5	5	14	4	2	2
19	3	3	3	2	80	6	5	8	196	3	8	16
20	3	3	4	3	60	5	4	8	145	3	27	283
21	2	2	3	3	40	5	4	39	29	37	37	60
22	2	3	3	4	26	7	4	42	13	28	21	57
23	2	3	3	4	28	12	3	22	7	36	8	30
24	2	3	3	4	25	15	3	17	5	59	6	11
25	2	4	3	4	35	20	3	9	4	28	4	5
26	2	3	2	4	14	25	3	7	2	14	5	3
27	2	3	2	4	15	24	3	7	2	7	4	3
28	2	3	2	4	13	18	3	110	2	3	4	3
29	2	3	2	4	...	11	3	55	2	3	3	3
30	2	4	3	4	...	10	4	50	2	4	2	3
31	2	...	3	4	...	9	...	24	...	5	2	...
Mean	4	3	3	3	19	9	5	16	16	28	6	19
Max.	18	4	4	4	100	25	8	110	196	362	37	283
Min.	1	2	2	2	3	5	3	4	2	2	2	1
A.F.	230	166	189	189	1050	550	275	968	969	1690	355	1120

Total acre-feet 7750.

WOOD RIVER NEAR GIBBON, NEBRASKA—Sec. 9-9-13 W.
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	4	5	4	4	26	13	6	42	6	5	7
2	0	3	4	4	4	17	11	7	27	7	7	6
3	1	3	4	2	4	15	11	7	18	9	149	6
4	1	3	4	1	5	13	11	7	15	66	256	6
5	1	3	4	2	5	13	11	8	12	34	56	5
6	2	7	2	3	4	13	10	8	8	28	24	4
7	3	5	4	3	4	7	9	8	8	14	17	2
8	1	4	3	3	4	1	9	18	8	10	24	3
9	1	3	4	3	5	1	9	12	8	787	22	5
10	2	4	3	3	5	2	8	25	7	1540	15	5
11	2	4	4	4	5	8	8	16	7	452	12	3
12	10	4	4	4	5	7	8	10	7	42	9	3
13	24	4	4	4	6	7	8	9	6	63	8	3
14	12	4	4	4	6	7	8	9	6	66	8	4
15	7	4	4	3	6	6	8	10	6	24	8	5
16	4	4	4	2	6	15	8	11	6	13	7	7
17	2	4	4	3	6	11	8	10	8	9	7	63
18	2	5	4	3	7	11	8	18	9	6	8	22
19	2	4	4	4	8	10	8	37	8	5	9	180
20	2	4	4	4	5	69	12	52	35	4	9	100
21	2	5	4	4	5	53	11	8	25	202	4	26
22	2	4	4	4	4	62	9	8	29	80	13	33
23	2	4	4	4	4	67	9	7	30	29	102	39
24	4	5	4	4	59	10	7	35	18	382	28	53
25	4	6	5	3	48	10	6	21	12	70	14	28
26	3	4	4	4	48	11	7	16	9	42	10	15
27	2	5	5	4	37	15	6	14	8	210	10	10
28	3	4	5	5	37	6	6	12	8	68	11	6
29	4	4	5	4	...	17	7	130	7	19	8	5
30	3	6	5	4	...	22	7	148	6	8	7	4
31	4	...	5	4	...	26	...	61	...	5	7	...
Mean	4	4	4	4	21	11	8	26	21	132	28	36
Max.	24	7	5	5	69	26	13	148	202	1540	256	444
Min.	0	3	2	1	4	1	6	6	4	4	5	2
A.F.	221	260	253	227	1160	690	497	1600	1250	8150	1690	2140

Total acre-feet 18140.

SUMMARY
ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS
BASED ON ACREAGE REPORTS

	Water Year Ending September 30, 1949			Water Year Ending September 30, 1950		
	Acreage reported	Water diverted	Acre-ft. per acre	Acreage reported	Water diverted	Acre-ft. per acre
Alliance (2).....	6286	11560	1.84	6286	16040	2.55
Beerline (1).....	2080	1380	0.66	2080	1840	0.88
Belmont (2).....	14169	23210	1.64	14304	30210	2.11
Birdwood (1).....	5287	5870	1.11	5636	7250	1.29
Blue Creek (1).....	2918	6500	2.23	2918	3970	1.36
Browns Creek (1).....	6076	9490	1.56	6112	10200	1.67
Castle Rock (1).....	6017	19580	3.25	6063	23020	3.80
Central (1).....	2092	4300	2.06	2092	4720	2.26
Chimney Rock (1).....	4945	11160	2.26	5380	12700	2.36
Cody-Dillon (1).....	5053	2930	0.58	5048	4190	0.83
Courthouse Rock (1).....	1471	2660	1.81	1471	4430	3.01
Cozad (1).....	25190	20270	0.80	25190	19390	0.77
Culbertson (1).....	9111	25610	2.81	8927	37220	4.17
Dawson County (1).....	96377	47480	0.49	93567	52380	0.56
Elm Creek (1).....	15961	8280	0.52	15961	4820	0.30
Empire (0).....	1624	820	0.50	1504	2430	1.62
Enterprise (1).....	7323	22580	3.08	6534	22770	3.48
Fort Laramie* (2).....	103710	257580	2.48	103710	321030	3.10
French (1).....	1666	5060	3.04	1666	3780	2.27
Gering (1).....	14273	32200	2.26	13510	35490	2.63
Gothenburg (2).....	22405	33130	1.48	22315	33710	1.51
Graf (1).....	2089	3630	1.74	2089	1970	0.94
Haigler (0).....	3080	5330	1.73	3080	9530	3.09
Hooper (1).....	877	3240	3.69	877	2140	2.44
Interstate (2).....	127540	518420	4.06	127540	586080	4.60
Kearney* (2).....	4190	9320	2.22	4207	4960	1.18
Keith-Lincoln (1).....	6351	20880	3.29	5962	19100	3.20
Keystone (0).....	3295	0	0	3295	0	0
Last Chance (1).....	453	1570	3.47	453	1780	3.93
Lisco (1).....	3802	4850	1.28	3812	8470	2.23
Lyons (1).....	900	1820	2.02	753	2610	3.47
Meeker (0).....	2661	5290	1.99	2616	7660	2.93
Meredith-Ammer (1).....	395	810	2.05	579	1530	2.64
Middle Loup PPID No. 1 (1)	3205	5600	1.75	3205	4110	1.28
Middle Loup PPID No. 2 (1)	2924	8010	2.74	2924	3850	1.32
Middle Loup PPID No. 3 (1)	6869	12210	1.78	6869	5840	0.85
Middle Loup PPID No. 4 (1)	7290	11180	1.53	7284	6530	0.90
Midland-Overland (1).....	2026	1700	0.84	2059	1460	0.71
Minatare (1).....	9218	11130	1.21	7607	17590	2.31
Mirage Flats (1).....	13919	21720	1.56	11852	22730	1.92
Mitchell (1).....	14727	40610	2.76	13594	44130	3.25
Nine Mile (1).....	5738	16260	2.83	5708	17590	3.08

ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS
 Concluded
 BASED ON ACREAGE REPORTS

	Water Year Ending September 30, 1949			Water Year Ending September 30, 1950		
	Acreage reported	Water diverted	Acre-ft. per acre	Acreage reported	Water diverted	Acre-ft. per acre
North Loup PPID, Burwell- Sumter (1).....	6957	10660	1.53	6957	5700	0.82
North Loup PPID, Ord-North Loup (1).....	6762	10340	1.53	6762	5680	0.84
North Loup PPID, Taylor- Ord (1).....	14775	22830	1.55	14775	12400	0.84
North Platte (1).....	14048	39880	2.84	14048	36230	2.58
Northport (1).....	16109	74690	4.64	16109	62610	3.89
Orchard-Alfalfa (1).....	5790	6500	1.12	5950	5520	0.93
Oshkosh (1).....	1740	1460	0.84	1740	2500	1.44
Paisley (1).....	1300	2750	2.12	1140	2490	2.18
Paxton-Hershey (1).....	7458	11140	1.49	7358	15270	2.08
Ramshorn (1).....	1652	2900	1.76	1837	1990	1.08
Sheridan-Wilson (1).....	676	2815	4.16	918	2625	2.86
Short Line (1).....	2775	2900	1.05	2713	4700	1.73
Six Mile (1).....	1173	1360	1.16	1173	940	0.80
Spohn (1).....	877	0	0	1057	600	0.57
Suburban (1).....	7172	13350	1.86	7168	13580	1.89
Sutherland** (2).....	.....	.....	.....	.....	.....	.....
Thirty Mile (1).....	23198	38090	1.64	23158	24470	1.06
Tri-County* (3).....	208417	255277	1.22	208417	271737	1.30
Tri-State (1).....	63593	201640	3.17	63401	215970	3.41
Union (1).....	1233	2050	1.66	1224	1750	1.43
Western (1).....	12569	31140	2.48	12590	23720	1.88
Winters Creek (3).....	5748	17570	3.06	5748	20640	3.59

Note:—Number in parentheses following name of project indicates the number of automatic recorders operating.

*For irrigation exclusive of power.

**For power.

ABSTRACT OF CLOSING, OPENING OR REGULATION
ORDERS AND REQUESTS ISSUED DURING THE
1949 WATER YEAR

Date Issued	By Whom Issued	To Whom Issued	Date Closed to	Remarks
7-26	R. H. Willis	T. O. Haiston	July 26, 1894	Regulation on Blue Creek
8- 1	do	F. B. Ludden	Dec. 23, 1894	Regulating entire Platte Basin
8- 1	do	T. O. Haiston	Dec. 23, 1894	Regulating entire Platte Basin
8- 1	do	Elmer Donahue	Dec. 23, 1894	Regulating entire Platte Basin
8- 1	do	C. R. Pledger	Dec. 23, 1894	Regulating entire Platte Basin
8-22	do	F. B. Ludden	Jan. 14, 1934	Regulating entire Platte Basin
8-22	do	T. O. Haiston	Jan. 14, 1934	.....
8-22	do	Elmer Donahue	Jan. 14, 1934	.....
8-22	do	C. R. Pledger	Jan. 14, 1934	.....
9- 9	do	F. B. Ludden	Jan. 24, 1947	Regulating entire Platte Basin
9- 9	do	T. O. Haiston	.....	.....
9- 9	do	Elmer Donahue	.....	.....
9- 9	do	C. R. Pledger	.....	.....

ABSTRACT OF CLOSING, OPENING OR REGULATION
ORDERS AND REQUESTS ISSUED DURING THE
1950 WATER YEAR—Concluded

Date Issued	By Whom Issued	To Whom Issued	Date Closed to	Remarks
5-18	R. H. Willis	F. B. Ludden	Aug. 21, 1949	Regulating entire Platte Basin
5-18	do	T. O. Haiston	.....	.....
5-18	do	Elmer Donahue	.....	.....
5-18	do	C. R. Pledger	.....	.....
6-17	do	Elmer Donahue	.....	Regulating Sutherland Diversion
6-19	do	Elmer Donahue	.....	Regulating Tri-County Diversion
8-19	do	F. B. Ludden	Aug. 21, 1949	Regulating entire Platte Basin
8-19	do	T. O. Haiston	.....	.....
8-19	do	Elmer Donahue	.....	.....
8-19	do	C. R. Pledger	.....	.....

Note: Regulation by Water Commissioners on Lodgepole Creek, Pumpkinseed Creek, and Lawrence Fork was frequent activity throughout both seasons.

DAILY DIVERSIONS OF CANALS

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DAILY DIVERSIONS OF CANALS—1949

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ALLIANCE CANAL
From Bayard Sugar Factory Drain
Measured through Parshall flume—
Sec. 5-20-52 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	12	0	25	18	14	15
2	11	6	31	16	15	16
3	11	14	38	16	15	18
4	7	22	33	16	14	19
5	6	22	34	17	10	19
6	5	25	18	18	9	21
7	5	25	4	18	7	13
8	5	28	9	22	7	5
9	5	23	21	23	9	4
10	5	21	22	25	11	4
11	2	20	18	28	8	4
12	0	19	13	13	9	4
13	0	22	15	5	11	4
14	0	23	11	4	11	4
15	0	19	12	4	15	4
16	0	17	9	4	9	4
17	0	18	17	5	9	0
18	0	19	18	4	9	0
19	0	34	22	4	8	0
20	0	28	16	4	8	0
21	0	30	5	3	9	0
22	0	33	5	3	10	6
23	0	34	6	3	8	6
24	0	26	8	3	8	7
25	0	32	13	4	10	7
26	0	32	15	6	15	7
27	0	32	19	8	15	7
28	0	31	19	10	13	8
29	0	31	20	14	14	8
30	0	29	20	17	16	9
31	0	27	..	13	17	..
Mean	2	24	17	11	11	7
Max.	12	34	38	28	17	21
Min.	0	0	5	3	7	0
A.F.	150	1470	1020	690	680	440
Water diverted	Acreage reported					
4450 A.F.	D-874-1035 2106					

ATKINS-POLLY CANAL
From Lodgepole Creek
Measured in section of canal—
Sec. 30-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	4
3	0	0	0	0	4
4	0	0	0	0	4
5	0	0	0	0	4
6	0	0	0	0	4
7	0	0	0	0	4
8	0	0	0	0	5
9	0	0	0	0	5
10	0	0	0	0	5
11	0	0	0	0	6
12	0	0	0	0	4
13	0	0	0	0	5
14	0	0	0	0	4
15	0	0	0	0	5
16	0	0	0	0	4
17	0	0	0	0	6
18	0	0	0	0	6
19	0	0	0	2	5
20	0	0	0	2	5
21	0	0	0	2	5
22	0	0	0	2	5
23	0	0	0	1	5
24	0	0	0	1	8
25	0	0	0	1	7
26	0	0	0	1	7
27	0	0	0	1	5
28	0	0	0	2	5
29	0	0	0	1	5
30	0	0	0	1	5
31	0	0	0	1	..
Mean	0	0	0	1	5
Max.	0	0	0	2	8
Min.	0	0	0	0	1
A.F.	0	0	0	40	290
Water diverted	Acreage reported				
330 A.F.	D-342 55				
	D-344 30				
	A-897R 8				
	Total 93				

ALLIANCE CANAL
From Red Willow Creek
Measured through rating flume—
Sec. 6-20-51 W.

Day	May	June	July	Aug.	Sept.
1	0	13	29	36	27
2	0	13	28	32	28
3	0	13	28	37	29
4	0	14	28	52	28
5	0	20	26	50	29
6	0	7	25	50	28
7	0	5	32	50	18
8	0	5	32	57	12
9	0	13	34	43	12
10	0	14	32	60	15
11	0	24	23	59	15
12	0	22	32	61	16
13	0	17	34	58	16
14	0	3	32	41	16
15	0	5	27	35	17
16	0	12	36	38	15
17	0	17	31	36	15
18	6	19	31	35	18
19	5	17	45	34	18
20	6	18	56	33	18
21	7	12	51	32	18
22	5	21	52	34	19
23	4	4	51	34	19
24	3	25	49	32	19
25	4	26	59	31	20
26	2	24	59	31	20
27	4	27	59	35	16
28	6	28	46	35	17
29	5	28	32	34	23
30	5	28	38	34	23
31	11	..	36	32	..
Mean	5	16	38	41	19
Max.	11	28	59	61	29
Min.	0	3	26	31	12
A.F.	140	980	2340	2500	1150
Water diverted	Acreage reported				
7110 A.F.	D-874-1035 4022				
	A-1181 80				
	A-1432 60				
	A-1436 18				
	Total 4180				

BEERLINE CANAL
From North Platte River and
Pathfinder Reservoir
Measured through rating flume—
Sec. 24-19-49 W.

Day	May	June	July	Aug.	Sept.
1	0	0	9	11	5
2	0	0	14	6	7
3	0	0	10	3	7
4	0	0	11	5	8
5	0	0	12	5	8
6	0	0	14	9	10
7	0	0	15	7	7
8	0	0	16	10	5
9	0	0	20	9	5
10	0	0	19	12	5
11	0	0	25	12	4
12	0	0	22	8	3
13	0	0	23	0	3
14	0	0	24	1	0
15	0	0	20	3	0
16	0	0	11	3	0
17	0	0	12	2	0
18	0	0	12	2	0
19	0	0	11	2	0
20	0	0	10	2	0
21	0	0	9	1	0
22	0	13	6	1	0
23	0	0	5	18	0
24	0	0	8	6	0
25	0	1	11	1	0
26	0	2	14	1	0
27	0	1	16	1	0
28	0	10	16	1	0
29	0	8	14	1	0
30	0	2	10	1	0
31	0	..	13	4	..
Mean	0	1	14	5	2
Max.	0	13	25	18	10
Min.	0	0	5	0	0
A.F.	0	70	860	310	140
Water diverted	Acreage reported				
1380 A. F.	D-887 2080				

DAILY DIVERSIONS OF CANALS—1949

587

BENNETT RESERVOIR, A-657, A-1974 on Lodgepole Creek
Storage in Acre-feet—Sec. 22-15-55 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1264	.....	1130	.....	.....	.....
2	685	.....
3	1084	.....	.....	.....	.....
4	1072	.....	.....	.....	.....
5
6	1264	.....	.....	.....	.....	.....
7	999	.....	.....	.....	.....	.....	.....	990	.....	378
8	1116	.....	.....	.....	.....	.....	.....
9	950	.....	.....
10	1080	.....	.....	.....	.....
11	645	.....
12	1314	.....	.....	.....	.....	351
13	1155	870	.....	.....
14
15	985	.....	.....	.....	1140	.....	.....	.....	.....	.....	.....
16	1066	.....	.....	.....	.....	.....	.....	.....	600	.....
17	1110	.....	.....	.....	.....
18
19
20	320
21
22	1164	.....	.....	.....	.....	.....	.....
23	1155	1152	.....	.....	.....
24
25
26
27
28	300
29	946	.....	.....	.....	.....	1092	.....	1120	775	.....	.....
30	420	.....
31

BENNETT CANAL
From Lodgepole Creek and Bennett
Reservoir
Measured through rating flume—
Sec. 22-15-55 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	5	0	5	2	4
2	0	5	0	5	2	4
3	0	5	0	5	2	3
4	0	5	0	5	1	3
5	0	5	0	5	1	3
6	0	5	0	5	2	3
7	0	5	0	5	2	2
8	0	5	0	6	2	2
9	0	5	0	6	2	2
10	0	5	0	6	2	3
11	0	5	0	6	2	3
12	0	6	0	6	2	3
13	0	6	0	6	2	3
14	0	6	0	5	2	3
15	0	6	0	5	2	3
16	0	6	0	5	5	3
17	0	6	0	5	0	3
18	0	0	0	5	4	3
19	5	0	0	5	4	3
20	5	0	0	5	4	2
21	5	0	0	5	6	2
22	5	0	0	1	6	3
23	5	0	4	1	6	3
24	6	0	0	5	5	3
25	6	0	0	4	5	3
26	6	0	0	4	5	2
27	6	0	0	3	5	2
28	6	0	0	2	4	3
29	6	0	0	2	4	3
30	5	0	4	2	4	0
31	0	0	4	2	4	0
Mean	2	3	0	4	3	3
Max.	6	6	4	6	6	4
Min.	0	0	0	1	0	0
A.F.	130	180	20	260	200	160
Water diverted	950 A.F.			Acreage reported		
				A-691	86	
				A-1975 Storage only		

BICKEL-FADEN CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 30-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	1	1
2	0	0	0	1	0
3	0	0	0	1	0
4	0	0	0	1	0
5	0	0	0	1	0
6	0	0	0	1	0
7	0	0	0	1	0
8	0	0	0	1	0
9	0	0	0	1	0
10	0	0	0	1	0
11	0	0	0	1	0
12	0	0	0	1	0
13	0	0	0	1	0
14	0	0	0	1	0
15	0	0	0	1	0
16	0	0	0	1	0
17	0	0	0	1	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	1
24	0	0	0	0	1
25	0	0	0	0	1
26	0	0	0	0	1
27	0	0	0	1	1
28	0	0	0	1	1
29	0	0	0	1	1
30	0	0	0	1	1
31	0	0	0	1	1
Mean	0	0	0	1	1
Max.	0	0	0	1	1
Min.	0	0	0	0	0
A.F.	0	0	0	20	50
Water diverted	70 A.F.			Acreage reported	
				D-347	22
				A-719	61
				A-724	8
				Total	91

DAILY DIVERSIONS OF CANALS—1949

BLUE CREEK CANAL
From Blue Creek and Crescent Lake
Measured through rating flume—
Sec. 33-17-42 W.

BIRDWOOD CANAL
From Birdwood Creek
Measured through rating flume—Sec. 35-15-33 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	27	0	0	30	42	16
2	27	0	0	44	52	6
3	27	0	0	44	53	0
4	26	0	0	42	53	0
5	27	0	0	42	27	0
6	28	0	0	43	48	0
7	12	0	0	43	48	12
8	11	0	0	28	49	16
9	12	0	0	24	43	16
10	14	0	4	18	30	17
11	16	0	12	17	41	17
12	18	0	12	23	44	18
13	22	0	0	24	46	15
14	30	0	0	26	44	15
15	26	0	0	24	42	11
16	0	0	16	19	42	12
17	0	0	12	20	43	17
18	0	0	13	16	40	17
19	0	0	13	31	40	16
20	0	0	12	27	35	17
21	0	0	12	26	28	16
22	0	0	17	27	23	23
23	0	0	16	27	23	27
24	0	0	20	37	24	27
25	0	0	21	42	33	25
26	0	0	25	42	33	23
27	0	0	29	40	32	26
28	0	0	34	33	31	30
29	0	0	31	48	0	31
30	0	0	31	48	15	34
31	0	0	48	17	31	31
Mean	10	0	11	32	36	17
Max.	30	0	34	48	53	34
Min.	0	0	0	16	0	0
A.F.	640	0	660	1990	2220	990
Water diverted						
6500 A.F.				Acreage reported		
				D-785		2549
				D-795		339
				A-1154		30
				Total		2918

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	33	12	0	0	53	20	41
2	35	11	0	0	52	16	46
3	34	12	0	0	29	21	48
4	33	13	0	0	20	43	38
5	29	14	0	0	20	40	37
6	17	14	0	0	30	28	45
7	14	14	0	0	5	28	10
8	7	16	0	0	18	27	7
9	6	16	0	0	14	28	4
10	4	16	0	0	16	36	11
11	2	16	0	0	4	11	24
12	1	17	0	0	4	7	31
13	1	16	0	0	12	18	28
14	1	10	0	0	16	20	19
15	10	10	0	0	9	36	31
16	16	20	0	0	7	40	18
17	16	17	0	0	12	24	17
18	16	0	0	0	18	1	19
19	17	0	0	0	17	0	18
20	17	0	0	0	16	0	17
21	17	0	0	0	17	0	20
22	13	0	0	0	22	35	22
23	11	0	0	0	25	42	22
24	12	0	0	0	47	43	19
25	13	0	0	0	41	45	18
26	13	0	0	0	45	45	19
27	15	0	0	0	52	54	19
28	18	0	0	0	51	41	20
29	22	0	0	0	21	29	22
30	20	0	0	0	19	10	24
31	14	0	0	0	19	19	..
Mean	15	8	0	0	24	26	24
Max.	35	20	0	0	53	54	48
Min.	1	0	0	0	4	0	4
A.F.	950	450	0	0	1450	1600	1420
Water diverted							
5870 A.F.					Acreage reported		
					D-646		5287

BOX BUTTE RESERVOIR from Niobrara River
Storage in Acre-feet

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19320	21760	.....	.....	.....	.....	.....	32000	.....	.....	.....
2
3	19450	21940	.....	.....	.....	30080	.....	.....	.....	22100	.....
4	32100	.....	.....	.....	.....
5	19560	.....	.....	.....	27300	30400	.....	.....	.....	.....	.....
6	22220	.....	.....	.....	.....	.....	.....	29100	.....	.....
7	32120	.....	.....	12100
8
9	28300	.....	.....	.....	.....	.....	.....
10	18500	19900	22700	.....	.....	28600	.....	.....	.....	.....	19400	.....
11	25300	.....	30640	32120	.....	.....	.....	.....
12	19950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	22840	.....	.....	.....	30910	.....	.....	.....	.....	.....
14	24800	.....	.....	.....	.....	.....	27600	.....	12840
15	20400	22970	.....	.....	28750	.....	.....	32200	.....	.....	.....
16	25400	.....	.....	.....	.....	.....	.....	.....
17	20450	.....	.....	.....	.....	.....	.....	.....	.....	16400	.....
18	32050	.....	.....	.....	.....
19	20620	.....	.....	.....	28940	.....	.....	.....	.....	.....	.....
20	18700	.....	.....	.....	.....	.....	31580	.....	.....	26400	.....	.....
21	13030
22	20870	.....	.....	.....	.....	31740	.....	32020	.....	.....	.....
23	25700	29270	.....	.....	.....	.....	.....	.....
24	21080	.....	.....	.....	.....	.....	.....	.....	.....	15200	.....
25	21200	.....	.....	.....	.....	.....	32030	.....	.....	.....	.....
26	13160
27	24030	.....	.....	.....	31760	.....	.....	23600	.....	.....
28	26300	.....	.....	.....	.....	.....	.....	.....
29	24200	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	21680	.....	.....	.....	29880	.....	.....	31300	.....	.....	13400
31	19400	.....	24400	.....	.....	29900	.....	.....	.....	.....	13800	.....

DAILY DIVERSIONS OF CANALS—1949

589

BROWNS CREEK CANAL from North Platte River and Pathfinder Reservoir
Measured through Parshall flume—
Sec. 29-20-50 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	25	19	35	55	29
2	0	24	21	40	57	29
3	0	22	24	5	46	29
4	0	21	21	5	41	27
5	0	16	34	34	47	26
6	0	8	34	27	52	20
7	0	11	39	44	52	23
8	0	19	14	51	52	19
9	0	20	16	54	64	23
10	0	12	4	58	64	23
11	0	12	4	60	77	21
12	0	21	2	51	60	20
13	0	23	0	59	60	19
14	0	22	27	54	58	19
15	0	24	27	41	44	21
16	0	22	12	35	45	22
17	0	22	11	35	34	22
18	0	24	11	43	34	22
19	0	14	13	52	33	24
20	0	13	16	47	31	29
21	0	14	16	45	32	36
22	0	16	11	38	35	43
23	0	12	7	36	39	42
24	0	18	25	36	37	42
25	0	20	32	48	39	42
26	13	19	25	47	46	37
27	21	18	29	43	39	34
28	20	14	35	47	31	34
29	19	10	35	41	35	36
30	23	13	35	39	31	38
31	..	21	..	41	29	..
Mean	3	18	20	42	45	28
Max.	23	25	39	60	77	43
Min.	0	12	0	5	29	19
A.F.	190	1090	1190	2560	2770	1690
Water diverted				Acreage reported		
9490 A.F.				D-857-1033 6076		

CENTRAL CANAL from North Platte River and Pathfinder Reservoir
Measured through rating flume—
Sec. 27-22-55 W.

Day	May	June	July	Aug.	Sept.
1	0	0	16	19	20
2	0	12	18	21	19
3	0	26	26	21	19
4	2	27	28	21	15
5	6	27	26	19	18
6	9	0	24	18	11
7	3	0	23	21	13
8	3	0	23	27	13
9	3	0	22	30	13
10	3	0	12	29	13
11	3	0	6	29	13
12	3	0	20	29	13
13	3	0	18	29	14
14	0	0	17	18	11
15	8	0	19	15	10
16	8	0	20	22	12
17	6	0	18	21	10
18	8	0	17	22	10
19	18	0	20	22	10
20	18	0	18	21	10
21	18	6	22	25	11
22	16	15	20	29	13
23	21	15	20	29	13
24	20	14	18	29	14
25	15	14	20	28	8
26	11	18	23	28	0
27	13	19	22	28	0
28	10	16	18	29	0
29	7	15	17	29	0
30	0	18	17	24	0
31	0	..	19	23	..
Mean	8	8	20	24	11
Max.	21	27	28	30	20
Min.	0	0	6	15	0
A.F.	470	480	1200	1500	650
Water diverted				Acreage reported	
4300 A.F.				D-926 2092	

CASTLE ROCK CANAL
From North Platte River
Measured through rating flume—
Sec. 3-21-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	66	0	81	96	78	72
2	66	0	94	97	66	76
3	66	0	83	96	74	74
4	66	34	81	93	78	77
5	67	28	76	102	78	78
6	67	15	31	93	78	68
7	66	26	42	91	79	69
8	64	24	30	89	79	76
9	0	23	18	88	81	71
10	0	18	32	89	79	70
11	0	12	35	79	79	71
12	0	9	32	66	80	77
13	0	2	27	59	79	78
14	0	16	21	65	80	79
15	0	14	4	56	72	81
16	0	16	21	49	77	77
17	0	22	32	46	79	70
18	0	23	36	56	80	69
19	0	44	35	71	79	74
20	0	34	40	77	79	73
21	0	18	34	74	81	69
22	0	31	36	87	81	66
23	0	32	50	87	80	66
24	0	38	55	89	83	67
25	0	40	61	89	82	69
26	0	45	68	82	81	68
27	0	41	75	84	81	65
28	0	43	66	83	83	61
29	0	48	75	84	79	67
30	0	59	84	81	78	68
31	0	66	..	81	74	..
Mean	17	26	49	80	79	72
Max.	67	66	94	102	83	81
Min.	0	0	4	46	66	61
A.F.	1050	1630	2890	4920	4830	4260
Water diverted				Acreage reported		
19580 A.F.				D-921 6017		
				A-186R 0		
Total						6017

CHIMNEY ROCK CANAL from North Platte River and Pathfinder Reservoir
Measured through rating flume—
Sec. 1-20-53 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	29	0	46	68	50	38
2	28	0	48	66	43	36
3	28	12	19	65	34	41
4	28	22	56	68	40	33
5	26	21	53	75	47	34
6	25	21	24	66	40	37
7	16	17	0	57	43	28
8	19	19	0	60	56	27
9	14	19	4	63	63	27
10	7	15	18	53	71	26
11	4	22	15	41	68	26
12	1	22	11	49	63	28
13	0	8	35	52	65	25
14	0	11	11	52	51	25
15	0	15	8	37	48	36
16	0	9	11	32	43	34
17	0	7	15	30	47	30
18	0	7	15	32	43	34
19	0	9	13	37	38	33
20	0	11	14	52	34	29
21	0	10	20	55	37	26
22	0	11	28	49	44	24
23	0	9	43	56	40	24
24	0	11	39	51	34	24
25	0	11	35	58	45	22
26	0	12	49	58	49	27
27	0	17	67	56	58	27
28	0	13	75	54	50	27
29	0	26	72	57	59	28
30	0	26	71	61	55	31
31	0	32	..	43	47	..
Mean	7	14	31	53	48	30
Max.	29	32	75	75	71	41
Min.	0	0	0	30	34	22
A.F.	450	880	1810	3280	2980	1760
Water diverted				Acreage reported		
11160 A.F.				D-844-1031 4945		

DAILY DIVERSIONS OF CANALS—1949

CRESCENT LAKE
OUTLET to Blue Creek
Measured through section
of canal—
Sec. 21-20-44 W.

Day	July	Aug.	Sept.
1	0	21	4
2	0	18	4
3	0	15	4
4	0	13	4
5	0	12	0
6	0	12	0
7	0	11	0
8	0	11	0
9	0	20	0
10	0	33	0
11	0	30	0
12	0	29	0
13	0	29	0
14	0	15	0
15	0	7	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	18	0	0
26	23	0	0
27	28	14	0
28	34	15	0
29	31	10	0
30	28	9	0
31	25	7	1
Mean	6	11	.
Max.	34	33	4
Min.	0	0	0
A.F.	370	660	30

Water withdrawn
1060 A.F.
Acreage reported
A-1575 Supplemental

CULBERTSON CANAL from Frenchman River
Measured through rating flume—Sec. 31-5-33 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	85	76	0	47	64	90	92
2	82	58	0	48	70	86	86
3	81	53	0	48	73	86	85
4	80	53	0	48	72	91	84
5	79	26	0	47	76	93	86
6	86	0	0	46	78	88	88
7	74	0	0	52	77	83	84
8	76	0	0	19	79	80	83
9	75	0	0	16	82	78	81
10	78	0	18	15	83	80	82
11	79	0	33	15	89	82	78
12	80	0	31	14	94	82	79
13	78	0	30	14	96	82	79
14	76	0	29	13	98	86	78
15	77	0	42	13	98	92	78
16	77	0	51	32	100	98	79
17	77	0	38	52	102	105	79
18	73	0	36	50	102	108	79
19	69	0	33	53	106	111	80
20	69	0	34	52	107	113	80
21	70	0	34	49	108	111	80
22	69	0	34	51	108	110	81
23	69	0	36	50	107	100	84
24	73	0	35	53	106	93	88
25	70	0	37	53	96	90	87
26	70	0	40	55	81	90	89
27	70	0	46	58	94	92	90
28	70	0	48	61	92	91	94
29	72	0	50	64	90	100	94
30	78	0	51	60	88	98	92
31	84	.	53	.	90	96	..
Mean	76	9	27	42	91	93	84
Max.	86	76	53	64	108	113	94
Min.	69	0	0	13	64	78	78
A.F.	4650	530	1660	2480	5570	5720	5000

Water diverted 285610 A.F.
Acreage reported
D-24, 25, 29 & 30 9111

DAWSON COUNTY from Platte River and
Sutherland Reservoir
Measured through section of canal—
Sec. 18-10-23 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	114	0	82	160	323	160
2	115	0	76	127	421	184
3	99	0	74	81	413	157
4	121	0	83	52	419	116
5	110	0	110	47	423	145
6	116	0	101	163	415	98
7	120	0	83	208	411	97
8	116	0	83	210	371	101
9	108	0	102	223	341	115
10	98	0	90	203	389	115
11	0	0	88	183	425	116
12	0	0	82	247	425	111
13	0	0	118	259	423	92
14	0	0	152	261	425	43
15	0	0	139	265	391	17
16	0	0	134	238	401	0
17	0	0	139	251	331	0
18	0	0	144	230	281	0
19	0	0	134	249	219	0
20	0	0	139	391	217	0
21	0	0	160	405	184	0
22	0	0	165	353	212	0
23	0	0	156	323	178	0
24	0	24	158	228	156	0
25	0	48	152	236	150	0
26	0	72	162	333	139	0
27	0	54	179	359	150	0
28	0	50	178	325	171	0
29	0	45	165	359	176	0
30	0	41	158	363	191	0
31	0	46	.	331	170	0
Mean	36	12	126	247	301	54
Max.	121	72	179	405	425	184
Min.	0	0	74	47	139	0
A.F.	2220	750	7510	15160	18530	3310

Water diverted 47480 A.F.
Acreage reported
D-621 520
D-622 66505
D-624 3480
A-2039 5178
A-2093 213
A-2110 18306
A-2145 985
A-2262 890
Total 96377

ELM CREEK CANAL from Platte River and Sutherland Reservoir Measured through rating flume—Sec. 6-8-19 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	18	0	10	6	66	24
2	9	0	8	4	81	38
3	9	0	7	4	78	43
4	9	0	6	5	76	49
5	9	0	7	10	85	12
6	9	6	40	22	84	34
7	8	11	120	21	76	7
8	7	13	45	20	64	7
9	6	14	20	18	91	3
10	5	14	16	17	91	3
11	4	13	14	16	82	10
12	3	13	11	16	82	15
13	2	13	9	16	81	19
14	1	12	7	15	71	14
15	0	10	7	18	61	3
16	0	10	6	14	60	0
17	0	11	4	12	50	0
18	0	13	4	5	95	0
19	0	13	5	20	71	0
20	0	14	5	40	47	0
21	0	21	5	46	29	0
22	0	22	5	42	32	0
23	0	52	5	55	42	0
24	0	38	4	56	50	0
25	0	12	4	62	55	0
26	0	13	5	70	49	7
27	0	14	5	63	42	13
28	0	13	5	69	20	13
29	0	11	5	122	33	12
30	0	9	5	70	57	12
31	0	10	..	70	27	..
Mean	3	13	13	33	62	11
Max.	16	52	120	122	95	49
Min.	0	0	4	4	4	0
A.F.	190	780	790	2030	3820	670
Water diverted	8280	A.F.	Acresage reported	A-2093R	68	
			A-2104	15893		
Total				15961		

ELMORE-KILPATRICK RESERVOIR From Snake Creek Measured in Acree-feet—Sec. 6-24-51 W.

Day	May	June	July	Aug.	Sept.
1
2	485
3
4
5	494
6
7
8
9
10
11	675	..	..
12
13
14
15
16	540
17
18
19	485
20
21
22
23
24
25
26
27
28
29
30	554
31

EMPIRE CANAL From North Platte River Measured in section of canal—Sec. 19-20-51 W.

Day	May	June	July	Aug.	Sept.
1	0	0	10	4	2
2	0	0	10	4	2
3	0	0	10	4	1
4	0	0	10	3	1
5	0	0	10	3	1
6	0	0	10	3	1
7	0	0	10	3	1
8	0	0	10	3	1
9	0	0	10	3	2
10	0	0	10	3	2
11	0	0	10	3	2
12	0	0	10	3	2
13	0	0	10	3	2
14	0	0	10	3	2
15	0	0	9	3	2
16	0	0	9	3	2
17	0	0	9	3	2
18	0	0	8	4	3
19	0	0	8	4	3
20	0	0	8	4	3
21	0	0	8	4	3
22	0	0	7	4	3
23	0	0	7	4	3
24	0	0	7	4	3
25	0	0	6	3	2
26	0	0	6	3	2
27	0	0	6	3	2
28	0	0	5	2	1
29	0	0	5	2	1
30	0	0	5	2	1
31	0	..	5	2	..
Mean	0	0	8	3	2
Max.	0	0	10	4	3
Min.	0	0	5	2	1
A.F.	0	0	510	200	110
Water diverted	820	A.F.	Acresage reported	D-858	1549
			A-866	75	
Total				1624	

ENTERPRISE CANAL From North Platte River Measured through rating flume—Sec. 27-33-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	18	20	51	62	62	55
2	32	24	44	61	65	57
3	30	28	45	61	60	61
4	28	26	45	62	60	48
5	25	24	45	61	60	30
6	23	24	35	61	63	26
7	18	24	14	52	69	26
8	16	24	6	53	69	20
9	14	24	0	53	69	24
10	14	24	4	52	60	29
11	12	22	26	47	53	30
12	12	24	27	49	54	30
13	12	24	20	50	60	28
14	12	14	10	53	61	26
15	12	18	12	54	60	28
16	12	22	16	54	59	26
17	10	21	16	56	58	23
18	0	36	16	58	57	26
19	0	44	18	53	52	28
20	0	42	18	51	51	28
21	0	43	16	52	54	29
22	0	45	32	52	52	28
23	0	45	46	50	49	26
24	0	44	44	45	46	26
25	0	41	49	45	50	26
26	0	47	59	46	54	22
27	0	47	52	52	48	14
28	0	47	56	57	47	13
29	0	46	62	57	48	12
30	0	46	62	53	50	11
31	0	..	..	61	55	..
Mean	10	35	32	54	57	29
Max.	32	51	62	62	78	61
Min.	0	18	0	45	49	11
A.F.	600	2000	1830	3330	3480	1700
Water diverted	12990	A.F.				

Note: Poor record. Daily discharge estimated from 9 measurements.

DAILY DIVERSIONS OF CANALS—1949

ENTERPRISE CANAL
From Wet Spotted Tail Creek
Measured in channel of stream—
Sec. 22-23-56 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	16	6	8	8	16	14
2	16	6	8	9	16	14
3	16	6	8	9	17	14
4	16	6	8	10	18	14
5	16	6	8	10	18	14
6	16	6	8	10	19	14
7	16	6	8	11	20	13
8	16	7	8	11	21	13
9	16	7	7	12	21	13
10	16	7	7	12	21	13
11	16	7	7	12	20	13
12	16	8	7	12	20	13
13	16	8	7	12	19	13
14	16	8	7	12	19	13
15	16	8	7	12	18	13
16	16	8	7	12	18	13
17	16	8	7	12	18	13
18	0	8	7	12	17	13
19	0	8	7	12	17	13
20	0	8	7	12	16	13
21	0	8	7	12	15	14
22	0	8	7	12	15	14
23	0	8	8	12	15	14
24	0	8	8	12	15	14
25	0	8	8	12	15	14
26	0	8	8	12	15	14
27	0	8	8	12	15	14
28	0	8	8	13	15	14
29	0	8	8	14	15	14
30	0	8	8	15	15	14
31	0	8		15	14	
Mean	9	7	8	12	17	14
Max.	16	8	8	15	21	14
Min.	0	6	7	8	14	13
A.F.	540	460	450	720	1060	810
Water diverted	4040 A. F.					

ENTERPRISE CANAL
From Morrill Drain
Measured in channel of drain—
Sec. 14-23-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	4	1	1	2	2	4
2	4	1	1	2	2	4
3	4	1	1	2	2	4
4	4	1	1	2	2	4
5	4	1	1	2	2	4
6	4	1	1	2	2	4
7	4	1	1	2	2	4
8	4	1	1	2	2	4
9	4	1	1	2	2	4
10	4	1	2	2	2	4
11	4	1	2	2	2	4
12	4	1	2	2	2	4
13	4	1	2	2	2	4
14	4	1	2	2	3	4
15	4	1	2	2	3	4
16	4	1	2	2	3	4
17	4	1	2	2	3	4
18	0	1	2	2	4	4
19	0	1	2	2	4	4
20	0	1	2	2	4	4
21	0	1	2	2	4	4
22	0	1	2	2	4	4
23	0	1	2	2	4	4
24	0	1	2	2	4	4
25	0	1	2	2	4	4
26	0	1	2	2	4	4
27	0	1	2	2	4	4
28	0	1	2	2	4	4
29	0	1	2	2	4	4
30	0	1	2	2	4	4
31	0	1		2	4	
Mean	2	1	2	2	3	4
Max.	4	1	2	2	4	4
Min.	0	1	1	2	2	4
A.F.	130	60	100	120	190	240
Water diverted	840 A. F.					

ENTERPRISE CANAL
From Stewart Drain
Measured in channel of drain—
Sec. 13-23-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	1	
12	0	0	0	0	1	
13	0	0	0	0	1	
14	0	0	0	0	1	
15	0	0	0	0	1	
16	0	0	0	0	1	
17	0	0	0	0	1	
18	0	0	0	0	1	
19	0	0	0	0	1	
20	0	0	0	0	1	
21	0	0	0	0	1	
22	0	0	0	0	1	
23	0	0	0	0	1	
24	0	0	0	0	1	
25	0	0	0	0	1	
26	0	0	0	0	1	
27	0	0	0	0	1	
28	0	0	0	0	1	
29	0	0	0	0	1	
30	0	0	0	0	1	
31	0	0		0	1	
Mean	0	0	0	0	1	
Max.	0	0	0	0	1	
Min.	0	0	0	0	0	
A.F.	0	0	0	0	40	
Water diverted	40 A. F.					

ENTERPRISE CANAL
From Tub Springs
Difference between stations upstream
and downstream from canal—
Sec. 32-23-55 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	21	25	15	12
2	0	9	29	26	43	7
3	0	1	44	27	31	1
4	0	3	44	24	27	0
5	0	0	43	17	22	63
6	0	0	0	31	31	42
7	0	0	0	41	31	43
8	0	0	0	40	31	43
9	0	0	0	27	26	42
10	0	3	6	0	23	35
11	0	6	0	0	23	57
12	0	8	0	0	25	67
13	0	3	0	2	29	0
14	0	22	0	0	42	0
15	0	18	0	0	19	0
16	0	6	0	2	23	0
17	0	18	0	6	16	0
18	0	26	0	11	0	0
19	0	0	0	16	22	6
20	0	0	2	21	17	32
21	0	0	13	20	0	26
22	0	0	4	17	10	11
23	0	0	0	23	15	8
24	0	0	0	24	23	0
25	0	0	11	25	30	0
26	0	6	22	26	33	0
27	0	11	24	27	28	0
28	0	38	24	27	10	0
29	0	38	24	26	15	0
30	0	43	24	0	26	0
31	0	39		0	17	
Mean	0	10	11	17	23	16
Max.	0	43	44	47	66	47
Min.	0	0	0	0	1	0
A.F.	0	590	660	1050	1390	980
Water diverted	4670 A. F.					

DAILY DIVERSIONS OF CANALS—1949

595

ENTERPRISE CANAL
Summary in Acre-feet—1949

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	600	2000	1880	3330	3480	1700	12990
Wet Spotted Tail.....	540	460	450	720	1060	810	4040
Morrill Drain	130	60	100	120	190	240	840
Stewart Drain	0	0	0	0	0	40	40
Tub Springs	0	590	660	1050	1390	980	4670
Total.....	1270	3110	3090	5220	6120	3770	22580
Water diverted 22580 A. F.							
Acreage reported							
D-920		7323					

FORT LARAMIE CANAL from North
Platte River and Pathfinder Reservoir
Measured through section of canal—
Sec. 11-26-55, Wyoming

Day	May	June	July	Aug.	Sept.
1	0	652	1400	1420	1440
2	0	688	1440	1430	1420
3	0	738	1440	1440	1390
4	0	768	1440	1450	1360
5	0	796	1440	1440	1360
6	0	714	1440	1450	1300
7	0	360	1440	1440	1220
8	0	228	1440	1430	1170
9	0	229	1450	1440	1140
10	0	269	1440	1440	1090
11	0	423	1430	1440	1030
12	0	314	1440	1440	1030
13	0	303	1440	1440	1000
14	0	112	1440	1440	973
15	0	112	1440	1440	977
16	0	118	1440	1430	979
17	0	121	1440	1430	982
18	0	113	1440	1440	1054
19	0	46	1440	1430	1018
20	0	13	1440	1440	1058
21	0	26	1430	1440	1026
22	0	162	1430	1440	846
23	0	242	1430	1430	567
24	0	396	1430	1440	349
25	0	672	1430	1440	39
26	0	947	1430	1430	0
27	0	968	1430	1440	0
28	100	1095	1440	1440	0
29	196	1176	1440	1440	0
30	300	1328	1430	1440	0
31	313	...	1430	1430	...
Mean	29	469	1440	1440	833
Max.	313	1328	1450	1450	1440
Min.	0	13	1430	1420	0
A.F.	1800	27910	88280	88380	51210
Water diverted					
257580 A. F.					
Acreage reported					
A-768 Nebr.					53500
A-768 Wyo.					50210
Total					103710

FRENCH CANAL
From North Platte River
Measured through orifice—
Sec. 9-23-60 W.

Day	May	June	July	Aug.	Sept.
1	0	17	23	25	20
2	0	17	22	26	19
3	7	17	20	25	18
4	10	17	22	25	17
5	11	17	22	26	20
6	11	17	26	26	17
7	9	17	30	27	16
8	9	10	29	27	13
9	9	12	28	28	12
10	9	12	24	18	14
11	11	11	17	23	10
12	10	11	14	23	10
13	10	12	14	26	8
14	10	10	14	26	10
15	12	10	16	25	10
16	12	11	16	26	5
17	12	11	13	26	8
18	12	12	23	24	8
19	12	12	19	24	18
20	12	8	19	22	17
21	12	11	28	22	17
22	12	11	24	22	17
23	14	10	29	20	17
24	14	10	27	20	16
25	14	10	25	17	17
26	12	16	25	15	16
27	14	15	24	13	13
28	15	15	25	16	14
29	16	19	25	22	13
30	19	19	23	21	13
31	10	...	20	20	...
Mean	11	13	22	23	14
Max.	19	19	30	28	20
Min.	0	8	13	13	5
A.F.	670	790	1360	1400	840
Water diverted					
5060 A. F.					
Acreage reported					
A-1149 Nebr.					770
A-1433 Nebr.					213
A-1581 Nebr.					32
Wyoming					651
Total					1666

DAILY DIVERSIONS OF CANALS—1949

GERING CANAL from North Platte
River and Pathfinder Reservoir
Measured through section of Mitchell
Canal—Sec. 10-21-60, Wyoming

Day	Oct.	May	June	July	Aug.	Sept.
1	23	0	15	115	185	201
2	20	0	77	138	187	196
3	21	0	131	153	187	179
4	17	0	130	156	188	156
5	0	0	128	162	190	147
6	0	0	130	162	203	110
7	0	0	100	160	202	157
8	0	0	86	165	205	156
9	0	0	86	168	206	155
10	0	0	88	171	205	155
11	0	0	90	174	205	140
12	0	0	83	173	206	132
13	0	0	83	176	206	86
14	0	0	42	178	202	66
15	0	0	29	179	203	75
16	0	0	32	115	204	77
17	0	0	37	68	204	77
18	0	0	37	68	202	76
19	0	0	36	71	202	77
20	0	0	36	80	202	73
21	0	0	37	150	202	75
22	0	0	36	161	198	76
23	0	0	35	160	196	76
24	0	0	35	160	203	76
25	0	0	33	184	205	73
26	0	0	33	182	202	63
27	0	0	56	182	202	69
28	0	0	90	182	202	70
29	0	0	85	182	202	58
30	0	12	82	185	202	41
31	0	18	..	187	202	..
Mean	3	1	67	153	200	106
Max.	23	18	131	187	206	201
Min.	0	0	15	68	185	41
A.F.	160	60	3960	9420	12320	6280
Water diverted				Acreage reported		
32200 A.F.				A-365 14273		
				D-926 40		
				Total 14313		

GOTHENBURG CANAL from Platte River
Measured through Parshall flume—Sec. 19-12-26 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	172	138	96	80	100	120	13	179	151	257	416	249
2	156	127	98	70	100	100	45	174	132	253	425	200
3	154	117	102	70	100	120	60	168	126	236	418	174
4	153	141	106	40	110	88	82	148	138	244	407	202
5	152	55	71	20	120	70	96	151	162	240	409	198
6	154	0	96	20	120	66	63	184	146	265	418	219
7	142	35	98	20	130	66	0	188	186	244	414	208
8	146	106	120	20	110	72	86	192	146	249	423	180
9	144	110	123	10	110	55	174	196	148	193	430	215
10	138	73	93	10	110	77	163	201	150	124	428	255
11	128	81	86	10	110	60	156	205	167	100	409	261
12	73	100	91	10	110	68	189	209	193	163	416	162
13	92	105	133	3	120	51	160	213	180	236	423	191
14	98	105	138	2	120	34	156	195	167	248	409	97
15	117	102	127	4	120	16	179	202	180	236	412	94
16	116	102	130	10	120	21	182	167	182	265	405	108
17	116	92	110	20	120	36	175	198	153	280	369	84
18	120	80	90	40	120	49	168	163	184	318	353	79
19	120	68	110	50	120	80	167	138	175	336	300	83
20	124	64	130	40	130	78	172	140	165	340	270	105
21	116	66	120	40	130	71	172	163	189	366	201	142
22	123	84	130	40	120	126	172	146	255	362	132	178
23	112	121	100	40	140	130	172	195	234	371	115	189
24	107	124	70	60	130	135	174	195	196	369	244	189
25	58	134	30	80	140	130	170	198	223	364	230	187
26	63	116	50	90	130	133	177	189	265	384	232	180
27	117	103	90	100	130	126	177	174	244	405	274	189
28	121	110	70	90	90	119	174	146	213	416	272	196
29	135	86	70	90	..	112	170	137	225	412	274	200
30	180	95	110	100	..	20	182	145	255	409	272	204
31	123	..	110	100	..	6	..	140	..	412	265	..
Mean	123	95	99	44	118	79	141	175	184	293	338	174
Max.	172	141	138	100	140	135	189	213	265	416	430	261
Min.	58	0	30	2	90	6	0	137	126	100	115	79
A.F.	7580	5630	6110	2740	6560	4830	8380	10790	10970	18040	20760	10350
Water diverted	112740 A. F.											

DAILY DIVERSIONS OF CANALS—1949

597

GOTHENBURG POWER RETURN to Platte River
Measured through section of canal—Sec. 9-11-25 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	63	93	51	50	82	49	15	153	115	154	104	104
2	42	108	64	50	82	69	11	155	115	150	108	85
3	33	84	66	50	98	64	35	145	105	152	108	55
4	21	80	99	51	102	73	65	152	102	123	101	86
5	45	60	58	14	110	86	109	108	134	134	99	94
6	53	14	12	7	110	66	130	158	122	126	107	86
7	48	5	78	3	120	80	33	187	126	155	103	81
8	59	30	100	3	100	90	8	182	133	131	102	55
9	65	74	50	3	100	89	63	188	143	148	112	58
10	46	73	43	3	100	68	87	183	109	95	121	101
11	20	62	63	3	68	42	130	177	89	69	119	96
12	14	65	50	3	96	28	151	171	109	84	121	108
13	8	77	59	2	113	62	161	166	123	132	110	51
14	13	84	82	20	103	43	129	160	150	154	124	26
15	24	78	70	20	117	10	135	154	94	128	108	68
16	30	79	104	20	97	10	138	149	143	134	110	18
17	36	74	90	20	91	10	139	157	91	132	137	17
18	42	51	97	20	103	36	141	157	103	157	118	16
19	50	6	91	20	113	121	144	125	126	155	101	16
20	60	15	101	20	110	102	147	112	130	145	74	17
21	58	10	131	34	94	98	148	181	109	137	65	19
22	58	59	113	36	92	158	148	146	145	155	30	33
23	59	74	70	24	109	148	147	164	134	142	13	19
24	83	97	18	61	140	160	140	164	118	113	21	55
25	69	106	3	59	103	162	140	164	108	108	52	77
26	22	120	65	59	94	171	144	164	156	111	59	53
27	99	77	66	85	99	182	142	158	144	113	92	48
28	67	29	73	84	60	162	142	132	126	114	97	67
29	82	37	51	74	..	114	144	126	137	121	89	55
30	93	70	87	62	..	60	143	127	150	117	93	84
31	97	..	90	70	..	22	..	120	..	105	47	..
Mean	50	63	71	33	100	85	114	154	123	129	92	58
Max.	99	120	131	85	140	182	161	183	158	157	137	108
Min.	8	5	3	2	60	10	8	108	89	89	13	16
A.F.	3090	3750	4360	2040	5580	5230	6760	9490	7320	7920	5650	3470
Water diverted 64640 A. F.												

GOTHENBURG CANAL
(IRRIGATION) from Platte River
Measured through Parshall flume—
Sec. 19-12-26 W.

Day	May	June	July	Aug.	Sept.
1	7	22	84	299	132
2	0	3	84	301	104
3	5	8	65	296	112
4	0	23	105	293	105
5	29	11	89	297	92
6	6	9	123	298	122
7	6	44	70	298	117
8	0	0	102	308	118
9	0	0	26	304	149
10	0	27	17	292	141
11	7	67	22	275	153
12	17	70	68	280	40
13	27	41	88	299	134
14	15	0	75	269	66
15	29	74	92	290	17
16	0	21	114	281	85
17	22	51	132	215	62
18	0	68	142	220	58
19	0	35	162	186	62
20	14	19	177	187	83
21	0	66	212	128	118
22	0	92	188	97	141
23	11	83	211	97	165
24	11	63	242	218	127
25	14	101	242	172	101
26	90	5	259	165	120
27	0	82	278	171	135
28	0	71	288	163	121
29	0	71	276	174	138
30	2	86	278	167	109
31	5	..	294	212	..
Mean	7	47	149	234	108
Max.	29	101	294	308	165
Min.	0	0	17	97	17
A.F.	450	2770	9130	14380	6400
Water diverted					
33130 A.F.					
Acreage reported					
D-645a 820					
D-645b 17000					
A-3716 4535					
Total					22405

GRAF CANAL from Blue Creek and
Crescent Lake—A-1575
Measured through Parshall flume—
Sec. 19-16-42 W.

Day	Oct.	May	June	July	Aug.	Sept.	
1	20	0	0	0	22	16	
2	20	0	0	0	0	23	14
3	21	0	0	0	0	25	16
4	0	0	0	0	0	24	14
5	28	0	0	0	0	26	13
6	36	0	0	0	0	14	13
7	0	0	0	0	0	11	9
8	37	0	0	0	0	11	8
9	37	0	0	0	0	10	8
10	38	0	0	0	0	20	7
11	38	0	1	1	1	21	7
12	38	0	2	4	2	6	6
13	38	0	3	7	7	19	8
14	38	0	4	9	9	21	10
15	39	0	2	10	10	19	10
16	39	0	2	11	11	18	4
17	38	0	1	12	12	19	1
18	38	0	0	13	13	19	1
19	39	0	0	13	21	0	0
20	38	0	0	15	21	0	0
21	38	0	0	12	20	0	0
22	21	0	0	9	19	7	7
23	0	0	1	12	18	6	6
24	0	0	5	12	20	7	7
25	0	0	11	8	17	7	7
26	0	0	7	4	9	7	7
27	0	0	10	3	12	5	5
28	0	0	2	18	17	7	7
29	0	0	0	24	11	14	14
30	0	0	0	23	13	15	15
31	0	0	..	23	18	..	..
Mean	24	0	2	8	18	8	8
Max.	39	0	11	24	26	16	16
Min.	0	0	0	0	9	0	0
A.F.	1460	0	100	480	1110	480	480
Water diverted							
3630 A.F.							
Acreage reported							
D-763R 85							
D-781R 15							
D-788 1989							
Total						2089	

DAILY DIVERSIONS OF CANALS—1949

HAIGLER CANAL
From Republican River
Measured in section of canal at
Colo.-Nebr. Line—Sec. 16-1-43 W.

Day	Aug.	Sept.
1	..	29
2	..	29
3	..	26
4	..	22
5	..	17
6	..	16
7	..	18
8	..	14
9	..	14
10	..	14
11	..	14
12	..	14
13	..	17
14	..	10
15	..	18
16	..	19
17	..	20
18	..	18
19	..	17
20	..	16
21	..	16
22	28	17
23	28	29
24	29	26
25	20	25
26	28	23
27	24	23
28	22	20
29	20	22
30	31	22
31	20	
Mean	..	20
Max.	..	29
Min.	..	14
A.F.	..	1160

Note: No gage height record prior to August 22.

HAIGLER CANAL
From Republican River
Measured through section of canal—
Sec. 2-1-43 W.

Day	July	Aug.	Sept.
1	..	49	46
2	..	44	44
3	..	44	33
4	..	49	30
5	..	51	15
6	..	46	15
7	..	44	14
8	..	44	10
9	..	49	10
10	..	49	10
11	..	49	10
12	..	49	10
13	..	53	40
14	..	51	30
15	..	51	30
16	..	48	30
17	..	44	30
18	..	48	30
19	..	44	28
20	..	44	28
21	..	40	30
22	..	48	28
23	45	48	42
24	39	48	34
25	45	53	38
26	45	48	40
27	46	48	40
28	44	0	39
29	44	50	38
30	43	50	38
31	46	38	
Mean	..	46	29
Max.	..	53	46
Min.	..	0	10
A. F.	..	2820	1720

Note: No gage height record prior to July 23.

Acreage reported
D-1025 2038

HOOPER CANAL
From Blue Creek and Crescent Lake
Measured through rating flume—
Sec. 6-16-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	7	0	9	19	11	11
2	7	0	15	18	11	10
3	7	0	10	17	12	11
4	7	0	11	18	11	11
5	10	0	12	17	11	11
6	12	0	8	17	9	10
7	12	0	10	17	11	10
8	13	0	15	18	11	9
9	13	0	12	17	12	9
10	13	0	8	14	11	9
11	13	0	7	15	12	9
12	13	0	7	15	10	9
13	13	0	7	15	11	8
14	13	0	0	16	12	8
15	13	0	0	12	11	7
16	13	0	0	13	10	5
17	13	0	6	15	11	4
18	13	0	6	8	12	4
19	13	0	9	9	6	3
20	13	0	8	15	5	14
21	13	0	8	15	7	13
22	0	0	9	16	8	10
23	0	0	17	16	8	10
24	0	0	20	14	10	14
25	0	0	19	16	11	15
26	0	0	19	14	11	15
27	0	0	19	11	11	17
28	0	0	19	15	9	16
29	0	0	19	13	9	15
30	0	0	..	11	11	..
31	0	0	..	11	11	..
Mean	8	0	11	15	10	10
Max.	13	0	20	19	12	17
Min.	0	0	0	8	4	3
A.F. 480	0	0	630	910	610	610
Water diverted			Acreage	reported		
3240 A.F.			D-781	858		
			D-788R	19		
Total						877

HURLY-LILLY-POLLY CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 26-15-56 W.

Day	May	June	July	Aug.	Sept.
1	0	0	3	3	3
2	0	0	3	3	3
3	0	0	3	3	3
4	0	0	0	4	3
5	0	0	3	4	4
6	0	0	4	4	3
7	0	0	4	4	3
8	0	0	3	3	3
9	0	0	3	3	3
10	0	0	3	4	3
11	0	0	4	3	3
12	0	0	4	3	3
13	0	0	3	3	2
14	0	0	3	3	2
15	0	0	0	3	2
16	0	0	0	3	2
17	0	0	0	3	2
18	0	0	0	3	2
19	0	0	0	3	2
20	0	0	0	1	2
21	0	0	1	1	2
22	0	0	2	1	2
23	0	0	2	1	2
24	0	0	2	1	0
25	0	0	2	1	0
26	0	0	3	2	0
27	0	5	2	2	0
28	0	5	3	2	0
29	0	4	3	3	0
30	0	4	3	3	0
31	0	..	4	3	..
Mean	0	1	2	3	2
Max.	0	5	4	4	4
Min.	0	0	0	1	0
A.F. 0	40	140	160	120	
Water diverted			Acreage	reported	
460 A.F.			D-354	180	

DAILY DIVERSIONS OF CANALS—1949

INTERSTATE CANAL from North Platter River
and Pathfinder Reservoir
Measured through Rating Flume--
Sec. 11-26-65, Wyoming

Day	Apr.	May	June	July	Aug.	Sept.
1	0	1040	1660	2060	2080	2050
2	0	1040	1650	2070	2070	2050
3	0	1040	1390	2070	2080	1990
4	264	1050	21	2070	2080	1920
5	310	1080	0	2070	2080	1910
6	406	1070	0	2060	2080	1850
7	456	1060	0	2060	2070	1640
8	703	1080	0	2060	2080	1600
9	879	1070	0	2070	2080	1560
10	907	1060	0	2070	2080	1560
11	921	1060	257	2030	2080	1500
12	939	1160	647	2020	2080	1460
13	948	1210	927	2020	2080	1350
14	960	1210	991	2020	2080	1250
15	972	1220	1010	1950	2080	1220
16	982	1200	1010	1920	2080	1220
17	985	1110	968	1930	2070	1220
18	987	1100	1000	2000	2080	1220
19	1020	1100	1000	2070	2070	1220
20	1010	1170	975	2080	2070	1220
21	1010	1170	1050	2070	2080	1220
22	1010	1170	1170	2070	2080	1220
23	1020	1210	1320	2070	2080	1220
24	1030	1210	1500	2070	2080	1220
25	1030	1260	1640	2080	2090	1230
26	1040	1360	1760	2080	2090	1230
27	1030	1450	1840	2080	2080	1230
28	1030	1450	1930	2070	2080	1180
29	1030	1450	2000	2070	2080	975
30	1040	1550	2010	2070	2080	985
31	....	1650	....	2080	2080	....
Mean	798	1195	991	2049	2079	1424
Max.	1040	1650	2010	2080	2090	2050
Min.	0	1040	0	1920	2070	975
A.F.	47460	73470	58960	125970	127830	84730
Water diverted				Acreage reported		
518420 A. F.				A-768 Nebr. 95339		
				A-768 Wyo 16100		
				Total 111439		

KEARNEY CANAL from Platte River
Measured through section of canal--Sec. 83-9-17 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	387	0	65	35	50	34	237	0	345	320	147	96
2	347	0	55	15	50	30	338	0	310	155	370	97
3	311	0	60	10	40	70	321	0	315	285	294	80
4	297	0	80	10	30	70	282	0	383	314	298	315
5	269	0	70	10	30	80	321	0	394	281	345	218
6	306	220	84	10	30	90	334	0	397	209	365	242
7	372	243	43	15	30	70	345	0	431	127	368	373
8	237	267	44	15	35	65	377	0	282	143	186	338
9	46	303	47	10	35	60	196	0	129	119	401	331
10	10	324	30	10	35	80	0	0	127	84	380	361
11	9	324	50	10	40	75	0	0	116	42	375	377
12	8	326	45	15	40	75	183	0	154	43	384	280
13	7	320	60	15	35	70	344	0	130	30	285	321
14	6	186	35	20	40	80	282	0	142	20	310	289
15	2	0	85	25	40	85	298	0	103	22	131	29
16	61	0	60	25	55	64	306	0	91	41	194	187
17	252	274	40	20	60	67	286	0	104	164	222	321
18	243	338	35	20	60	86	243	0	193	190	222	304
19	271	75	35	20	50	67	286	0	273	182	361	251
20	273	30	60	20	45	40	289	0	282	166	408	304
21	251	25	100	25	45	47	34	1	284	162	319	317
22	262	20	120	25	50	66	4	1	312	307	256	345
23	242	30	70	30	70	67	0	1	337	327	295	300
24	247	40	50	35	70	65	0	1	340	373	316	333
25	238	50	30	40	40	64	0	1	300	299	317	304
26	263	130	30	50	30	112	0	1	316	351	290	235
27	272	140	30	50	40	204	0	8	288	345	273	326
28	260	30	20	50	50	188	0	18	284	328	167	331
29	295	30	15	45	..	194	0	26	319	359	88	306
30	335	35	20	50	..	165	0	216	348	315	187	286
31	164	..	20	55	..	166	..	304	..	251	117	..
Mean	211	125	51	25	44	87	1769	14	258	205	280	273
Max.	387	338	120	55	70	204	377	304	431	373	408	377
Min.	2	0	15	10	30	30	0	0	91	20	88	29
A.F.	12980	7460	3150	1560	2430	5350	10520	1180	15530	12600	17200	16260
Water diverted				Acreage reported								
106190 A. F.				D-1023 4190								
				D-1023 Power								
				A-1577 Power								

DAILY DIVERSIONS OF CANALS—1949

KEARNEY POWER RETURN to Platte River
Measured in section of canal—Sec. 35-9-16 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	337	75	58	10	20	35	174	0	288	257	122	100
2	336	0	49	10	40	40	274	0	283	150	235	100
3	285	0	43	10	30	45	288	0	276	337	249	100
4	269	0	87	10	30	55	234	0	318	303	226	100
5	244	0	66	10	30	60	285	0	341	209	232	100
6	245	0	52	5	30	65	274	0	328	103	251	100
7	332	392	38	5	30	55	286	0	226	89	256	100
8	260	398	37	10	30	45	312	0	266	103	172	100
9	24	280	31	20	30	50	334	0	165	94	247	100
10	12	327	30	5	30	60	100	0	142	95	271	100
11	0	316	30	5	30	45	6	0	88	78	264	100
12	0	325	28	5	30	45	0	0	154	9	271	100
13	0	318	64	4	30	45	55	0	114	21	214	100
14	0	291	84	3	40	50	302	0	142	10	237	100
15	0	21	41	4	40	54	295	0	82	9	272	100
16	25	18	34	4	40	23	291	0	79	29	264	79
17	233	291	27	10	50	32	288	0	70	184	202	299
18	245	305	16	10	50	24	250	0	114	181	216	296
19	265	76	27	10	50	29	280	0	165	160	268	271
20	268	21	26	10	40	42	293	0	154	147	279	288
21	261	21	45	10	40	55	97	0	148	156	226	293
22	116	23	94	10	30	43	28	0	178	244	240	316
23	164	17	63	20	50	60	7	0	195	233	250	299
24	239	33	9	20	50	60	0	0	199	257	260	303
25	227	37	16	30	40	46	0	0	188	280	285	300
26	244	107	12	40	30	60	0	0	216	260	260	232
27	247	142	11	50	30	174	0	0	206	260	251	293
28	245	23	10	40	30	148	0	0	226	260	172	302
29	250	16	10	40	...	125	0	0	273	272	132	298
30	430	32	9	40	...	137	0	102	309	257	120	288
31	460	...	8	50	...	58	...	261	...	250	110	189
Mean	202	130	37	16	35	60	158	12	190	170	228	189
Max.	460	398	94	50	50	174	334	261	341	337	285	316
Min.	0	0	8	3	20	23	0	0	70	9	120	79
A. F.	12420	7750	2290	1010	1960	3690	9430	730	11320	10470	13990	11220
Water returned	86280 A. F.											

KEITH-LINCOLN COUNTY CANAL
From North Platte River
Measured through rating flume—
Sec. 18-14-36 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	86	0	56	100	84	80
2	56	0	59	100	81	72
3	46	0	49	104	80	72
4	53	0	50	107	80	94
5	63	0	51	92	84	90
6	69	0	52	80	87	84
7	57	0	59	76	86	58
8	47	0	54	80	85	47
9	49	0	48	91	85	43
10	50	0	42	60	88	36
11	40	0	42	70	86	40
12	45	0	42	73	88	55
13	41	0	42	60	86	72
14	36	0	42	59	84	68
15	59	0	38	59	82	62
16	78	0	35	73	82	27
17	80	26	34	88	82	45
18	74	26	35	79	55	79
19	55	31	38	86	51	72
20	50	33	38	86	68	75
21	54	52	40	90	69	69
22	55	47	58	84	76	75
23	17	45	70	86	81	69
24	0	47	68	85	85	79
25	0	46	59	86	84	115
26	0	43	50	86	85	60
27	0	43	49	91	87	44
28	0	43	60	87	86	45
29	0	66	79	87	94	66
30	0	53	91	84	86	85
31	0	55	...	80	86	...
Mean	41	21	51	83	81	66
Max.	86	66	91	107	94	115
Min.	0	0	34	59	51	27
A. F.	2500	1310	3030	5120	5000	3920
Water diverted	20880 A. F.			Acreage reported D-722 6351		

KIMBALL CANAL from Lodgepole
Creek and Oliver Reservoir
Measured through section of canal—
Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	1	29	0	24
2	0	1	30	45	24
3	0	1	31	41	24
4	0	1	32	42	24
5	0	1	33	42	20
6	0	1	31	40	21
7	0	1	35	42	20
8	0	1	36	41	20
9	0	1	24	41	20
10	0	1	33	41	17
11	0	1	22	40	14
12	0	1	26	40	17
13	0	1	26	40	16
14	0	1	20	39	16
15	0	1	27	40	13
16	0	1	30	39	0
17	0	1	31	41	0
18	0	1	28	35	0
19	0	1	34	35	0
20	0	1	35	31	0
21	0	1	35	35	0
22	0	1	36	30	0
23	0	1	33	30	0
24	0	1	26	31	0
25	0	1	30	33	0
26	1	1	28	30	0
27	1	1	28	31	0
28	1	18	26	31	0
29	1	19	31	30	0
30	1	28	0	29	0
31	1	...	0	29	0
Mean	0	3	28	35	10
Max.	1	28	36	45	24
Min.	0	1	0	0	0
A. F.	10	180	1700	2170	580
Water diverted	4640 A. F.		Acreage reported A-897 4500		

DAILY DIVERSIONS OF CANALS—1949

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KINGSLEY STORAGE RESERVOIR
Storage in Acre-feet—Sec. 3-14-38 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1405800	1411000	1498800	1539400	1561800	1629800	1693300	1732000	1738000	1785600	1723000	1589800
2	1405800	1413600	1501300	1539400	1561800	1635400	1693300	1732000	1738000	1785600	1714000	1587000
3	1405800	1413600	1504000	1539400	1561800	1633300	1693200	1732000	1735000	1785600	1708000	1584200
4	1405800	1416200	1506700	1542200	1561800	1641200	1699100	1729000	1735000	1792500	1702000	1581400
5	1405800	1416200	1509400	1545000	1567400	1644000	1702000	1729000	1732000	1792500	1693300	1578600
6	1405800	1418800	1512100	1545000	1573000	1644000	1702000	1729000	1732000	1792500	1687500	1581400
7	1405800	1421400	1514800	1547800	1578600	1646900	1705000	1729000	1732000	1792500	1681700	1581400
8	1403200	1424000	1514800	1550600	1581400	1649800	1708000	1732000	1735000	1792500	1673000	1581400
9	1403200	1426600	1514800	1553400	1584200	1652700	1711000	1735000	1738000	1792500	1664300	1578600
10	1403200	1429300	1517500	1553400	1584200	1655600	1714000	1738000	1741000	1789400	1664300	1581400
11	1403200	1432000	1520200	1550600	1587000	1655600	1714000	1738000	1744000	1789400	1655600	1581400
12	1403200	1434600	1520200	1550600	1589800	1658500	1717000	1738000	1750000	1789400	1649800	1581400
13	1403200	1439900	1522900	1550600	1589800	1658500	1717000	1738000	1753000	1789400	1649800	1581400
14	1403200	1445200	1525600	1550600	1592700	1661400	1720000	1741000	1756000	1786400	1641200	1581400
15	1403200	1447800	1528300	1553400	1595600	1661400	1720000	1741000	1759000	1786400	1635400	1581400
16	1403200	1450500	1528300	1556200	1595600	1664300	1723000	1741000	1762000	1786400	1629800	1584200
17	1400600	1453200	1528300	1556200	1595600	1664300	1723000	1738000	1765000	1786400	1626900	1584200
18	1400600	1458400	1528300	1559000	1598400	1667200	1726000	1738000	1768100	1786400	1624000	1584200
19	1400600	1461100	1531000	1559000	1598400	1667200	1726000	1738000	1771200	1783400	1624000	1584200
20	1400600	1463800	1533800	1559000	1601200	1670100	1729000	1738000	1774200	1783400	1621200	1584200
21	1403200	1466400	1533800	1559000	1601200	1670100	1729000	1741000	1777200	1783400	1618400	1584200
22	1403200	1469000	1536600	1561800	1604100	1670100	1732000	1741000	1780300	1780300	1615500	1584200
23	1403200	1471700	1536600	1561800	1607000	1673000	1732000	1741000	1783400	1774200	1612600	1584200
24	1403200	1477000	1539400	1561800	1609800	1675900	1732000	1741000	1786400	1771200	1609800	1584200
25	1403200	1482400	1539400	1561800	1612600	1678800	1732000	1741000	1789400	1765000	1609800	1584200
26	1403200	1487800	1539400	1561800	1618400	1681700	1732000	1741000	1789400	1756000	1604100	1581400
27	1403200	1490500	1539400	1561800	1621200	1684600	1732000	1741000	1792500	1756000	1601200	1581400
28	1405800	1493200	1539400	1561800	1626900	1684600	1732000	1741000	1792500	1750000	1598400	1578600
29	1405800	1493200	1539400	1561800	.....	1687500	1732000	1741000	1792500	1741000	1595600	1578600
30	1405800	1495900	1539400	1561800	.....	1687500	1729000	1741000	1792500	1735000	1595600	1578600
31	1411000	.....	1539400	1561800	.....	1690400	.....	1741000	.....	1729000	1592700	.....

LAST CHANCE CANAL
From Pumpkinseed Creek
Measured through rating flume—
Sec. 27-19-50 W.

LISCO CANAL from North Platte River
Measured over weir—Sec. 14-18-37 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	2	0	1	7	10	6
2	2	0	1	6	13	6
3	2	0	1	7	13	6
4	3	0	1	7	13	7
5	5	0	1	6	14	9
6	5	0	1	6	14	9
7	5	0	1	4	13	9
8	5	0	3	7	13	9
9	5	0	3	6	14	8
10	5	0	3	5	14	7
11	5	0	2	3	13	7
12	0	0	2	2	11	7
13	0	0	3	2	11	7
14	0	0	2	2	9	7
15	0	0	2	4	8	7
16	0	0	2	4	8	7
17	0	0	2	4	8	6
18	0	0	2	4	8	6
19	0	0	1	5	9	6
20	0	0	1	6	9	6
21	0	0	1	6	10	6
22	0	0	2	6	10	6
23	0	0	3	6	9	6
24	0	0	4	0	8	6
25	0	1	5	0	8	6
26	0	2	5	0	7	6
27	0	3	6	0	4	6
28	0	1	5	6	6	6
29	0	1	5	9	6	6
30	0	1	5	9	6	6
31	0	1	.....	10	6	.....
Mean	1	0	3	5	10	7
Max.	5	3	6	10	14	9
Min.	0	0	1	0	4	6
A.F.	90	20	150	300	600	410
Water diverted	1570	A. F.	.....	.....	.....	.....
.....	.....	.....	Acreage reported	.....	.....	.....
.....	.....	.....	D-883	453	.....	.....

Day	May	June	July	Aug.	Sept.
1	0	36	21	28	17
2	11	0	27	28	17
3	17	0	16	24	17
4	15	0	17	22	16
5	6	0	39	20	17
6	0	0	5	19	17
7	0	0	7	21	18
8	13	0	20	24	21
9	5	0	11	31	23
10	0	0	11	36	23
11	0	0	20	36	24
12	0	0	14	36	25
13	0	0	19	36	13
14	0	0	24	31	13
15	0	0	20	29	13
16	0	0	15	35	5
17	0	1	13	27	5
18	0	0	13	20	5
19	0	0	12	16	5
20	0	0	21	14	5
21	0	3	19	10	5
22	0	9	17	15	5
23	0	6	18	21	23
24	0	5	27	18	24
25	0	2	31	17	24
26	0	3	31	15	18
27	0	4	34	15	12
28	0	5	34	18	16
29	0	6	33	21	20
30	0	10	30	21	22
31	0	.....	25	15	.....
Mean	2	3	21	23	16
Max.	17	36	39	36	25
Min.	0	0	5	10	5
A.F.	130	180	1280	1430	920
Water diverted	8940	A. F.	.....	.....	.....

DAILY DIVERSIONS OF CANALS—1949

LISCO CANAL from Cold Water Creek
Measured in section of creek—
Sec. 27-18-46 W.

Day	May	June	July	Aug.	Sept.
1	3	1	3	3	4
2	3	1	3	3	4
3	3	1	3	3	4
4	3	1	3	3	4
5	3	1	3	3	4
6	3	1	3	3	4
7	3	1	3	3	4
8	3	1	3	3	4
9	3	1	3	3	4
10	3	1	3	3	4
11	3	1	4	3	4
12	3	1	4	3	4
13	3	1	4	3	4
14	3	1	4	3	4
15	3	1	4	3	4
16	2	2	4	3	4
17	2	2	4	3	4
18	2	2	4	3	4
19	2	2	4	3	4
20	2	2	4	3	4
21	2	2	4	4	4
22	2	2	4	4	4
23	2	2	4	4	4
24	2	2	4	4	4
25	2	2	4	4	4
26	1	2	4	4	4
27	1	2	4	4	4
28	1	2	4	4	4
29	1	2	4	4	4
30	1	2	4	4	4
31	1	2	4	4	4
Mean	2	1	4	3	4
Max.	3	2	4	4	4
Min.	1	1	3	3	4
A. F.	140	90	230	210	240
Water diverted	910 A. F.				

LISCO DIVERSIONS
Summary in Acre-feet—1949

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	130	180	1280	1430	920	3940
Cold Water Creek.....	140	90	230	210	240	910
Total.....	270	270	1510	1640	1160	4850
Water diverted 4850 A. F.						
				Acreage reported		
				D-856		1392
				D-787R		1259
				D-796		300
				A-243R		635
				A-991		216
				Total		3302

LYONS CANAL
From North Platte River
Measured through Parshall flume—
Sec. 30-17-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	13	21	8
2	0	0	0	9	20	10
3	0	0	0	3	19	17
4	0	0	0	2	15	19
5	0	0	0	2	11	5
6	0	0	0	10	10	0
7	0	0	0	13	8	0
8	0	0	0	6	6	0
9	0	0	0	0	3	0
10	0	0	0	0	4	0
11	0	0	0	0	4	0
12	0	0	0	10	3	0
13	0	0	0	21	4	0
14	0	0	0	22	6	0
15	0	0	0	12	9	0
16	0	0	0	12	14	0
17	0	0	0	10	4	0
18	0	0	0	10	1	0
19	0	0	0	11	0	0
20	0	0	0	6	13	7
21	0	0	0	13	13	13
22	0	0	0	8	12	12
23	0	0	0	7	12	11
24	0	0	5	6	11	14
25	0	0	10	6	9	14
26	0	0	10	10	19	14
27	0	0	9	12	12	14
28	0	0	6	22	15	25
29	0	0	7	23	11	24
30	0	0	12	22	7	24
31	0	0	.	24	6	.
Mean	0	0	2	10	10	8
Max.	0	0	12	24	21	25
Min.	0	0	0	0	0	0
A.F.	0	0	120	640	600	460
Water diverted				Acreage reported		
1820 A. F.				D-803	900	

McINTOSH CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 23-15-55 W.

Day	May	June	July	Aug.	Sept.	
1	0	0	0	0	0	
2	0	0	0	0	0	
3	0	4	0	0	0	
4	0	4	0	0	0	
5	0	4	0	0	0	
6	0	4	0	0	0	
7	0	4	0	0	0	
8	0	4	0	0	0	
9	0	4	0	0	0	
10	0	4	0	0	0	
11	0	3	0	0	0	
12	0	0	0	0	0	
13	0	0	0	0	0	
14	0	0	0	0	0	
15	0	0	0	0	0	
16	0	0	0	0	0	
17	0	0	0	0	0	
18	0	0	0	0	0	
19	0	0	0	0	0	
20	0	0	0	0	0	
21	0	0	0	0	0	
22	0	0	0	0	0	
23	0	0	0	0	0	
24	0	0	0	0	0	
25	0	0	0	0	0	
26	0	0	0	0	0	
27	0	0	0	0	0	
28	0	0	0	0	0	
29	0	0	0	0	0	
30	0	0	0	0	0	
31	0	.	.	.	.
Mean	0	1	0	0	0	
Max.	0	4	0	0	0	
Min.	0	0	0	0	0	
A.F.	0	70	0	0	0	
Water diverted				Acreage reported		
70 A. F.				D-351	176	
				A-734	122	
				Total	298	

MEEKER CANAL
From Republican River—1948
Measured through section of canal—
Sec. 15-3-31 W.

Day	May	June	July	Aug.	Sept.	Oct.
1	0	13	0	24	17	38
2	0	13	0	23	19	36
3	0	14	0	34	20	36
4	0	16	0	39	17	38
5	0	18	0	44	18	39
6	0	19	0	36	23	38
7	0	21	0	38	24	10
8	0	22	0	36	23	0
9	0	19	0	28	27	0
10	0	18	0	36	36	0
11	0	16	0	39	27	0
12	0	18	0	29	25	0
13	0	23	0	18	28	0
14	0	25	0	21	21	0
15	0	0	0	23	18	0
16	4	0	4	24	15	0
17	5	0	10	32	18	0
18	5	0	4	30	21	0
19	8	0	5	33	20	0
20	8	0	16	34	21	0
21	10	0	19	34	21	0
22	9	0	23	32	24	0
23	12	0	30	30	31	0
24	0	0	31	30	32	0
25	0	0	33	20	35	0
26	10	0	34	26	35	0
27	6	0	27	6	36	0
28	10	0	23	18	35	0
29	20	0	35	18	36	0
30	10	0	34	20	37	0
31	6	.	32	16	.	0
Mean	4	8	12	28	26	8
Max.	20	25	35	44	37	39
Min.	0	0	0	6	15	0
A.F.	240	510	710	1730	1520	470
Water diverted	5180 A. F.					

MEEKER CANAL
From Republican River—1949
Measured through section of canal—
Sec. 15-3-31 W.

Day	May	June	July	Aug.	Sept.	
1	0	6	9	30	17	
2	9	5	8	29	6	
3	3	4	14	31	6	
4	4	6	19	28	4	
5	8	7	17	29	2	
6	7	9	13	28	1	
7	6	5	14	25	1	
8	6	5	18	24	1	
9	6	7	17	24	38	
10	6	10	24	23	26	
11	5	5	18	23	23	
12	6	5	19	22	24	
13	5	5	23	24	25	
14	7	5	30	30	26	
15	6	10	20	29	23	
16	7	7	22	29	20	
17	8	11	21	32	22	
18	8	7	25	27	20	
19	6	6	17	27	17	
20	5	6	22	23	19	
21	5	9	33	16	23	
22	2	10	35	26	25	
23	3	10	34	36	23	
24	3	10	32	33	24	
25	4	12	30	32	25	
26	5	13	31	40	29	
27	4	11	39	39	31	
28	4	5	32	41	32	
29	4	9	39	34	35	
30	4	11	32	47	45	
31	6	.	30	35	.	
Mean	5	8	24	30	20	
Max.	9	13	39	47	45	
Min.	2	4	8	16	1	
A.F.	330	460	1460	1820	1220	
Water diverted				Acreage reported		
5290 A. F.				D-4, 7, 8, 9	2661	

DAILY DIVERSIONS OF CANALS—1949

MEREDITH-AMMER CANAL
From Pumpkinseed Creek
Measured through rating flume—
Sec. 23-19-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	8	5	3
2	0	0	0	8	5	2
3	0	0	0	8	6	1
4	0	0	0	8	5	0
5	0	0	0	9	5	0
6	0	0	0	9	4	0
7	0	0	0	8	5	0
8	0	0	0	7	5	0
9	0	0	0	6	1	0
10	0	0	1	6	0	0
11	0	0	1	7	5	0
12	0	0	1	7	6	0
13	0	0	1	7	6	0
14	0	0	1	7	5	0
15	0	0	1	7	2	0
16	0	0	0	6	5	0
17	0	0	2	6	5	1
18	0	0	5	7	5	3
19	0	0	2	6	5	2
20	0	0	0	6	5	2
21	0	0	0	7	2	2
22	0	0	0	6	2	2
23	0	0	3	7	2	2
24	0	0	5	7	2	2
25	0	0	5	6	1	1
26	0	0	5	6	1	1
27	0	0	6	6	2	1
28	0	0	6	6	4	0
29	0	0	6	6	4	0
30	0	0	8	6	4	0
31	0	0	.	6	3	.
Mean	0	0	2	7	4	1
Max.	0	0	8	9	6	3
Min.	0	0	0	6	0	0
A.F.	0	0	120	420	220	50
Water diverted						
810 A. F.				Acreeage reported		
				D-876		395

MIDDLE LOUP PUBLIC POWER AND
IRRIGATION DISTRICT CANAL NO. 1
From Middle Loup River

Measured through rating flume— Sec. 14-19-18 W.						
Day	Oct.	May	June	July	Aug.	Sept.
1	19	0	0	16	10	20
2	17	0	0	16	0	19
3	16	0	0	16	10	19
4	16	0	0	16	21	20
5	18	0	5	16	25	19
6	20	0	14	15	31	9
7	19	0	23	19	30	20
8	12	0	20	22	32	19
9	8	0	19	22	33	17
10	16	0	18	19	38	16
11	19	0	19	18	31	16
12	17	0	24	21	34	6
13	16	0	22	23	36	0
14	16	0	22	24	39	2
15	14	0	17	21	39	2
16	16	0	9	21	37	2
17	15	0	9	22	35	2
18	15	0	10	26	38	2
19	12	0	9	32	35	2
20	11	0	10	34	37	3
21	10	0	11	36	37	6
22	4	0	11	36	34	7
23	0	0	7	35	31	11
24	0	0	10	35	30	12
25	0	0	17	35	27	10
26	0	0	15	34	37	9
27	0	0	16	33	24	19
28	0	0	16	33	33	29
29	0	0	19	37	32	33
30	0	0	16	34	23	29
31	0	0	.	28	23	.
Mean	10	0	13	26	30	13
Max.	20	0	24	37	39	33
Min.	0	0	0	15	0	0
A.F.	650	0	770	1580	1850	750
Water diverted						
5600 A. F.				Acreeage reported		
				A-2293		3123
				A-2678		82
				Total		3205

MIDDLE LOUP PUBLIC POWER AND
IRRIGATION DISTRICT CANAL NO. 2
From Middle Loup River
Measured through rating flume—
Sec. 14-19-18 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	22	0	18	18	54	31
2	23	0	18	18	52	30
3	22	0	17	18	50	29
4	21	0	17	19	50	32
5	20	0	17	17	53	30
6	19	0	16	22	53	22
7	20	0	24	31	52	14
8	18	0	23	30	52	15
9	17	0	21	29	58	14
10	17	0	20	29	58	15
11	16	0	18	19	54	16
12	14	0	16	25	50	18
13	14	0	13	28	56	27
14	13	0	10	30	56	38
15	14	0	14	27	52	31
16	14	0	10	28	54	28
17	10	0	9	26	54	26
18	9	0	11	30	56	28
19	10	0	15	44	56	28
20	13	0	12	54	39	8
21	13	0	12	58	37	0
22	13	0	17	60	39	0
23	14	0	17	60	40	0
24	13	0	21	58	40	0
25	14	0	19	59	42	0
26	9	0	18	57	48	0
27	6	0	21	50	42	0
28	3	0	21	59	28	0
29	3	0	23	63	29	0
30	3	0	21	52	29	0
31	1	5	.	57	31	.
Mean	13	0	17	38	47	16
Max.	23	5	24	63	58	38
Min.	1	0	9	17	28	0
A.F.	830	10	1010	2310	2900	950
Water diverted						
8010 A. F.				Acreeage reported		
				A-2293		2735
				A-2678		189
				Total		2924

DAILY DIVERSIONS OF CANALS—1949

605

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 3
From Middle Loup River

Measured through rating flume—
Sec. 6-17-16 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	38	0	49	31	99	26
2	41	0	52	31	100	28
3	35	0	52	30	106	32
4	35	0	46	30	93	40
5	39	0	39	28	91	30
6	54	0	30	27	89	19
7	55	0	60	28	86	18
8	34	0	49	21	82	17
9	27	0	37	9	84	15
10	28	0	25	11	98	11
11	30	0	14	21	124	0
12	32	0	18	28	111	0
13	28	0	41	40	103	0
14	28	0	34	45	105	0
15	25	0	23	55	56	0
16	23	0	26	58	42	0
17	24	0	21	74	57	0
18	26	0	28	98	52	0
19	18	0	15	87	51	0
20	23	0	10	98	28	0
21	28	0	15	94	16	0
22	30	0	19	97	11	0
23	34	0	21	99	19	0
24	28	18	26	100	36	0
25	23	25	23	112	56	0
26	24	23	18	122	53	0
27	26	28	24	110	39	0
28	13	26	25	100	24	0
29	0	48	33	76	24	0
30	0	28	33	102	24	0
31	0	16	30	90	28	0
Mean	28	7	30	63	64	8
Max.	55	48	60	122	124	40
Min.	0	0	10	9	11	0
A. F.	1700	420	1810	3870	3940	470
Water diverted						
12210 A. F.						
				Acreage reported		
				A-2293	6652	
				A-2678	217	
				Total	6869	

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 4
From Middle Loup River

Measured through rating flume—
Sec. 31-18-16 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	31	0	41	16	94	43
2	38	0	35	11	90	33
3	36	0	34	10	87	27
4	30	0	22	10	86	30
5	29	0	26	16	84	39
6	33	0	28	22	82	24
7	38	0	42	31	85	20
8	24	0	45	30	86	20
9	14	0	42	14	89	18
10	22	0	38	10	119	13
11	26	0	39	22	143	0
12	18	0	33	30	130	0
13	24	0	22	33	120	0
14	26	0	18	33	120	0
15	31	0	17	26	74	0
16	45	0	18	24	50	0
17	45	0	20	36	62	0
18	32	0	32	58	46	0
19	33	0	35	55	48	0
20	28	0	35	64	53	0
21	30	0	24	52	48	0
22	28	0	24	50	36	0
23	20	0	21	44	30	0
24	24	0	22	38	29	0
25	26	0	20	31	32	0
26	28	13	19	66	40	0
27	20	36	24	96	56	0
28	0	46	22	103	47	0
29	0	49	22	96	48	0
30	0	48	20	94	45	0
31	0	40	21	91	46	0
Mean	25	7	28	42	71	9
Max.	45	49	45	103	143	43
Min.	0	0	17	10	29	0
A. F.	1550	460	1670	2600	4370	530
Water diverted						
11180 A. F.						
				Acreage reported		
				A-2293	7102	
				A-2678	188	
				Total	7290	

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1949

Diversion:	Oct.	May	June	July	Aug.	Sept.	Total
Canal No. 1	650	0	770	1530	1850	750	5600
Canal No. 2	830	10	1010	2310	2900	950	8010
Canal No. 3	1700	420	1810	3870	3940	470	12210
Canal No. 4	1550	460	1670	2600	4370	530	11180
Total diverted	4730	890	5260	10380	13080	2700	37000

MIDLAND-OVERLAND CANAL
From North Platte River
Measured through Farshall flume—
Sec. 2-16-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	5	0	0	5	10	4
2	0	0	0	9	11	4
3	0	0	0	11	10	4
4	0	0	0	10	5	4
5	0	0	0	14	8	5
6	0	0	0	14	7	6
7	0	0	0	13	6	6
8	0	0	0	22	6	7
9	0	0	8	22	10	6
10	0	0	8	23	12	6
11	0	0	7	24	8	1
12	0	0	7	23	11	1
13	0	0	5	22	11	1
14	0	0	6	16	8	1
15	0	0	7	15	9	1
16	0	0	7	14	9	1
17	0	0	7	14	9	1
18	0	0	7	14	7	1
19	0	0	7	13	7	1
20	0	0	7	6	6	1
21	0	0	7	4	6	1
22	0	0	6	4	6	1
23	0	0	6	11	6	1
24	0	0	6	11	6	0
25	0	0	10	14	6	0
26	0	0	9	14	2	0
27	0	0	7	14	2	0
28	0	0	7	13	2	0
29	0	0	7	13	3	0
30	0	0	9	8	3	0
31	0	0	7	7	3	0
Mean	0	0	5	13	7	2
Max.	0	0	10	24	12	7
Min.	0	0	0	5	2	0
A.F.	0	0	310	830	430	130
Water diverted						
1700 A. F.						
				Acreage reported		
				D-789	970	
				D-791	1056	
				Total	2026	

MIRAGE FLATS CANAL from Niobrara River and Box Butte Reservoir
Measured through Farshall flume—
Sec. 26-29-48 W.

Day	May	June	July	Aug.	Sept.
1	0	20	126	162	112
2	0	22	144	160	107
3	0	20	145	158	96
4	21	16	147	158	95
5	40	14	145	161	80
6	44	17	95	168	70
7	44	21	98	167	45
8	39	21	98	168	33
9	39	21	96	178	34
10	4	21	91	177	32
11	3	20	90	177	29
12	3	21	96	176	27
13	3	27	103	176	22
14	2	27	102	178	17
15	2	26	94	177	16
16	11	26	71	163	16
17	1	27	71	153	15
18	1	27	74	136	15
19	21	27	80	123	15
20	26	27	104	104	16
21	26	26	130	100	17
22	31	24	147	98	17
23	38	24	157	103	17
24	33	23	159	106	17
25	23	38	172	113	17
26	22	41	175	130	16
27	23	47	174	130	13
28	25	55	174	132	13
29	23	73	175	134	13
30	23	106	174	126	13
31	22	169	125	125	..
Mean	19	30	125	146	35
Max.	49	106	175	178	112
Min.	0	14	71	98	13
A.F.	1200	1800	7690	8960	2070
Water diverted					
21720 A. F.					
				Acreage reported	
				A-2683	11087
				A-3729	2832
				Total	13919

MINATARE CANAL
From North Platte River
Measured through rating flume
Sec. 32-22-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	69	46	0	44
2	0	0	71	48	22	40
3	0	0	69	48	21	38
4	0	0	65	54	26	38
5	0	0	60	77	38	36
6	0	0	51	85	45	28
7	0	0	22	84	58	22
8	0	0	17	65	66	20
9	0	0	11	73	80	20
10	0	0	7	65	76	21
11	0	42	8	49	74	16
12	0	42	8	48	66	18
13	0	42	10	48	60	18
14	0	34	16	46	58	20
15	0	27	11	34	46	18
16	0	23	16	35	45	16
17	0	26	24	37	46	16
18	0	25	27	42	43	16
19	0	20	26	51	40	12
20	0	24	27	58	37	12
21	0	21	34	57	39	13
22	0	22	34	60	38	12
23	0	27	38	60	37	12
24	0	28	50	64	40	10
25	0	28	56	62	50	10
26	0	34	58	65	56	10
27	0	44	59	65	56	10
28	0	56	53	64	61	11
29	0	59	69	54	63	11
30	0	62	69	44	36	12
31	0	69	0	0	26	..
Mean	0	24	38	54	47	19
Max.	0	69	71	85	80	44
Min.	0	0	7	0	0	10
A.F.	0	1500	2260	3350	2870	1150
Water diverted						
11130 A. F.						
				Acreage reported		
				D-919	9218	

MITCHELL CANAL
From North Platte River
Measured through rating flume—
Sec. 10-21-60. Wyoming

Day	Oct.	May	June	July	Aug.	Sept.
1	100	0	150	195	180	170
2	100	0	150	195	181	170
3	100	0	150	199	182	170
4	100	0	150	202	183	170
5	59	0	150	195	184	170
6	0	0	150	195	173	170
7	0	0	150	195	172	105
8	0	0	150	195	174	104
9	0	0	150	195	175	103
10	0	0	150	195	174	103
11	0	0	150	195	174	100
12	0	0	150	195	175	100
13	0	0	150	195	175	100
14	0	0	150	195	172	75
15	0	0	150	195	173	75
16	0	0	150	195	173	75
17	0	0	150	195	173	77
18	0	0	150	195	171	76
19	0	0	150	195	172	77
20	0	0	150	195	172	75
21	0	0	150	195	172	76
22	0	0	150	208	170	76
23	0	0	150	208	170	76
24	0	0	150	208	173	76
25	0	105	150	179	174	75
26	0	131	150	176	172	75
27	0	130	195	176	171	75
28	0	140	195	176	171	75
29	0	140	195	176	172	75
30	0	150	195	180	172	75
31	0	150	..	181	171	..
Mean	15	31	156	193	174	101
Max.	100	150	195	208	184	170
Min.	0	0	150	176	170	75
A.F.	910	1880	9280	11850	10700	5990
Water diverted						
40610 A. F.						
				Acreage reported		
				D-1052	14727	

DAILY DIVERSIONS OF CANALS—1949

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1949

Diversion:	Oct.	May	June	July	Aug.	Sept.	Total
Taylor-Ord	3030	1900	2160	6160	7170	2410	22330
Ord-North Loup	1290	1270	880	3280	3150	470	10340
Burwell-Sumter	960	780	900	2930	4250	840	10660
Total diverted	5280	3950	3940	12370	14570	3720	43830

NORTH PLATTE CANAL
From North Platte River
Measured through rating flume—
Sec. 18-14-33 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	118	0	72	170	186	207
2	130	0	65	188	190	212
3	114	0	71	171	192	214
4	112	0	84	180	190	212
5	112	0	96	172	194	183
6	112	0	80	174	196	159
7	111	0	34	146	208	156
8	100	0	30	144	207	150
9	74	0	46	144	206	142
10	78	0	44	146	206	93
11	90	0	43	147	212	81
12	69	0	38	126	192	80
13	48	0	41	111	207	78
14	57	0	38	114	196	75
15	54	0	30	124	190	71
16	56	0	31	148	195	43
17	53	38	76	150	194	36
18	52	111	88	159	189	68
19	42	82	93	188	194	67
20	30	82	84	189	190	69
21	29	88	76	190	194	65
22	28	67	72	190	194	58
23	29	48	104	177	200	67
24	32	61	135	176	212	60
25	30	56	106	177	210	71
26	43	62	120	176	212	144
27	64	90	148	176	207	124
28	65	61	142	183	207	122
29	60	42	148	182	213	128
30	52	60	154	172	210	122
31	30	67	...	184	208	...
Mean	67	33	80	164	200	112
Max.	130	111	154	190	213	214
Min.	28	0	30	111	186	36
A. F.	4110	2010	4740	10060	12300	6660
Water diverted	39880 A. F.			Acreage reported		
				D-635 14048		

NORTHPORT CANAL from North Platte
River and Pathfinder Reservoir
Measured through section of Tri-State
Canal—Sec. 10-23-58

Day	Oct.	May	June	July	Aug.	Sept.
1	191	0	107	197	174	50
2	191	0	104	192	174	48
3	184	0	84	187	169	45
4	163	0	83	188	166	42
5	168	0	82	183	135	72
6	181	0	137	180	130	175
7	173	0	174	176	130	190
8	91	0	176	164	130	189
9	0	0	175	163	118	188
10	0	0	175	169	122	187
11	0	0	177	188	122	165
12	0	0	177	194	122	146
13	0	0	168	193	123	108
14	0	0	179	174	138	106
15	0	0	181	183	158	105
16	0	0	181	183	159	61
17	0	71	183	186	156	0
18	0	0	183	166	128	0
19	0	0	184	153	110	0
20	0	0	185	144	101	0
21	0	0	183	142	89	0
22	0	0	185	143	66	0
23	0	0	184	144	64	0
24	0	0	184	131	63	0
25	0	0	181	134	64	0
26	0	122	174	135	63	0
27	0	120	132	134	58	0
28	0	99	110	136	55	53
29	0	88	200	137	54	121
30	0	91	200	169	51	121
31	0	95	...	167	50	...
Mean	43	22	161	166	111	72
Max.	191	122	200	197	174	190
Min.	0	0	82	131	50	0
A. F.	2670	1360	9580	10190	6830	4310
Water diverted	34940 A. F.					

NORTHPORT CANAL from Drains
entering Tri-State Canal

Day	Oct.	May	June	July	Aug.	Sept.
1	59	24	107	123	146	236
2	59	22	110	128	146	238
3	13	22	130	133	151	241
4	13	23	131	132	154	244
5	13	26	132	137	185	214
6	13	27	77	140	190	111
7	13	25	40	144	190	60
8	13	28	38	156	190	61
9	0	26	39	157	202	62
10	0	24	39	151	198	63
11	0	24	37	132	198	85
12	0	24	37	126	198	104
13	0	24	46	127	197	106
14	0	24	35	146	182	108
15	0	24	33	137	162	109
16	0	28	33	137	161	153
17	0	72	31	134	164	241
18	0	98	31	154	192	243
19	0	95	30	167	210	245
20	0	98	29	176	219	240
21	0	104	31	178	231	239
22	0	100	29	177	220	240
23	0	101	30	176	222	237
24	0	101	30	189	223	237
25	0	99	33	186	222	233
26	0	92	56	185	223	225
27	0	94	98	186	228	221
28	0	115	120	184	231	161
29	0	126	120	183	232	93
30	0	123	120	151	235	93
31	0	119	...	153	236	...
Mean	6	62	62	154	198	171
Max.	59	126	132	189	236	245
Min.	0	22	29	123	146	60
A.F.	390	3830	3670	9490	12170	10200
Water diverted 39750 A. F.						

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet—1949

Diverted from:	Section	Oct.	May	June	July	Aug.	Sept.	Total
North Platte River	10-23-58	2670	1360	9580	10190	6830	4310	34940.
*Sheep Creek	17-23-57	0	2190	1350	5720	7330	4620	21210
*Akers Draw	12-23-57	210	700	710	840	920	1110	4490
*Tub Springs	27-23-55	0	160	440	1620	1920	2000	6140
*Spotted Tail, Dry	9-23-56	0	0	0	0	0	0	0
*Spotted Tail, Wet	10-23-56	180	780	1170	1310	2000	2470	7910
*Moffat Drain	25-22-53	0	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0	0
Total diversion		3060	5190	13250	19680	19000	14510	74690
Acreage reported A-768 16109								

*The water from drains was originally diverted at Whalen from the North Platte River and carried through the Interstate Canal for lands within the Pathfinder Irrigation District. The residue of the Whalen diversion after it has been used on the Pathfinder District lands together with surface runoff is intercepted by the Tri-State Canal and conveyed for re-use on Northport Irrigation District's lands. United States v. Tilley, State Engineer of Nebraska, et al., No. 11587, United States Circuit Court of Appeals, Eighth Circuit, December 23, 1941.

DAILY DIVERSIONS OF CANALS—1949

OLIVER RESERVOIR from Lodgepole Creek
Storage in Acre-feet—Sec. 36-15-57 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1990	.....	.....	.....	.....	3950	4200	.....	4800	2980	1100
2	4300	.....	4720	.....	.....
3	4990	.....	.....	1050
4	2650	.....
5	5010	4530	.....	1010
6	2370	.....	.....	.....	4020	4330	.....	.....	.....	1000
7	1640	2000	2220	.....	2540	3320	.....	.....	5050	4470	.....	.....
8	5050	.....	.....	.....
9	4400	5080	.....	2240	960
10	2200	.....
11
12	2540	.....	.....	4120	.....	5100	.....	2060	.....
13	3880	.....	1040
14	2590	.....	.....	.....	5170	.....	.....	.....
15	1750	2020	2400	.....	2600	3540	.....	4470	5170	.....	1860	.....
16	2460	.....	.....	.....	.....	4840	.....	.....	.....	.....
17	4860	.....	3630	.....	990
18	4190	4880	.....	3570	.....	.....
19	1800	.....	.....	2540	.....	.....	.....	.....	5170	.....	1620	1040
20	4890	.....	.....	.....	.....
21	3700	.....	4960	.....	.....	1530	.....
22	1870	.....	.....	.....	.....	.....	.....	.....	5160	.....	1490	.....
23	2070	2500	2540	2770	3770	.....	.....	.....	3240	.....	.....
24	4980	.....	.....	1380	1180
25	5180	.....	1340	.....
26	2850	.....	.....	4980	.....	.....	1310	1230
27
28	3140	.....	4270	4980	5060	3020	1220	.....
29	2300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	2120	.....	.....	.....	.....	.....	.....	4860	2950	1160	.....
31	1990	.....	2580	2540	.....	3970	.....	4980	.....	.....	.....	.....

ORCHARD-ALFALFA CANAL
From Platte River
Measured through rating flume—
Sec. 9-10-24 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	18	48	14
2	0	0	0	16	61	14
3	0	0	0	14	66	14
4	0	0	0	14	60	15
5	0	0	0	16	48	14
6	0	0	6	19	46	13
7	0	0	10	22	43	11
8	0	0	4	17	38	9
9	0	0	1	9	72	9
10	0	0	0	7	70	10
11	0	0	5	7	73	10
12	0	0	20	8	74	11
13	0	0	20	12	74	13
14	0	0	24	25	69	18
15	0	0	28	30	68	17
16	0	0	36	36	65	18
17	0	0	37	42	46	16
18	0	0	25	46	33	16
19	0	0	24	52	24	16
20	0	0	23	55	11	16
21	0	0	22	66	5	16
22	0	0	23	74	5	16
23	0	0	28	79	5	16
24	0	0	21	76	4	16
25	0	0	20	75	4	16
26	0	0	20	73	4	16
27	0	0	20	70	3	16
28	0	0	20	66	3	16
29	0	0	18	61	5	16
30	0	0	18	57	10	15
31	0	0	16	46	14	.....
Mean	0	0	16	39	37	14
Max.	0	0	37	79	74	18
Min.	0	0	0	7	3	9
A.F.	0	0	940	2400	2300	860
Water diverted			Acreage reported			
6500 A.F.			D-627		5790	

OSHKOSH CANAL
From North Platte River
Measured through Parshall flume—
Sec. 33-17-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	18	12
2	0	0	0	0	16	11
3	0	0	0	0	11	9
4	0	0	0	0	12	10
5	0	0	0	0	11	10
6	0	0	0	0	10	10
7	0	0	0	0	10	9
8	0	0	0	0	12	6
9	0	0	0	8	14	7
10	0	0	0	14	10	8
11	0	0	0	14	4	7
12	0	0	0	14	4	6
13	0	0	0	7	6	5
14	0	0	0	13	3	0
15	0	0	0	15	12	0
16	0	0	0	15	14	0
17	0	0	0	15	8	0
18	0	0	0	14	0	0
19	0	0	0	12	0	0
20	0	0	0	11	0	0
21	0	0	0	9	0	0
22	0	0	0	13	5	0
23	0	0	0	17	15	0
24	0	0	0	16	12	0
25	0	0	0	15	9	0
26	0	0	0	15	11	0
27	0	0	0	15	10	14
28	0	0	0	17	9	14
29	0	0	0	17	9	14
30	0	0	0	18	9	.....
31	0	0	0	99	9	5
Mean	0	0	0	18	13	14
Max.	0	0	0	0	0	0
Min.	0	0	0	610	550	300
A.F.	0	0	0	610	550	300
Water diverted			Acreage reported			
1460 A.F.			D-797		1740	

DAILY DIVERSIONS OF CANALS—1949

OWASCO CANAL from Lodgepole Creek
Measured through rating flume—
Sec. 29-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	0	3	4	4
2	0	0	2	4	4
3	6	0	3	4	6
4	6	0	3	5	6
5	6	1	3	6	8
6	6	1	2	5	8
7	2	1	3	5	7
8	2	1	4	4	3
9	1	1	4	4	7
10	1	1	3	6	6
11	5	1	4	5	6
12	6	1	4	5	4
13	6	1	3	5	4
14	6	1	3	5	3
15	7	1	2	5	3
16	1	1	1	7	2
17	0	1	1	8	3
18	0	1	1	7	3
19	0	1	1	4	2
20	0	1	1	4	2
21	1	1	1	4	2
22	1	1	1	4	2
23	0	1	1	7	2
24	0	1	5	6	3
25	0	1	6	5	3
26	0	0	7	4	3
27	1	0	5	5	4
28	0	0	4	5	4
29	0	0	5	5	4
30	0	3	5	6	0
31	0	1	4	7	4
Mean	2	1	3	5	4
Max.	7	3	8	8	8
Min.	0	0	1	3	0
A. F.	130	50	200	320	240
Water diverted			Acreage reported		
940 A. F.			D-347R 83		
			A-725 689		
			Total	772	

PAISLEY CANAL from Blue Creek and
Crescent Lake
Measured through rating flume—
Sec. 28-17-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	17	0	0	12	8	12
2	17	0	0	4	5	11
3	18	0	6	4	14	11
4	19	0	12	11	16	11
5	18	0	12	11	16	9
6	15	0	12	5	17	9
7	9	0	12	4	15	12
8	17	0	10	0	15	12
9	17	0	10	0	13	12
10	17	0	3	0	14	12
11	16	0	3	0	15	7
12	16	0	2	0	15	2
13	16	0	0	0	14	3
14	16	0	0	0	14	3
15	17	0	0	10	11	4
16	17	0	0	10	8	4
17	17	0	0	11	10	4
18	17	0	0	13	3	6
19	17	4	0	13	0	9
20	17	4	0	13	0	10
21	17	4	0	13	3	9
22	0	4	0	13	11	9
23	0	4	3	12	13	9
24	0	0	5	15	14	9
25	0	0	5	15	14	6
26	0	0	4	14	15	6
27	0	3	9	15	10	10
28	0	3	14	15	3	10
29	0	3	13	16	8	11
30	0	3	13	15	10	11
31	0	3	5	4	12	8
Mean	11	1	5	9	11	8
Max.	19	4	14	16	17	12
Min.	0	0	0	0	0	2
A. F.	690	70	290	530	670	500
Water diverted			Acreage reported			
2750 A. F.			D-800 815			
			A-515 95			
			A-1738 390			
			Total	1300		

PAXTON-HERSHEY CANAL
From North Platte River
Measured through Parshall flume—
Sec. 18-14-33 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	27	0	0	9	104	50
2	27	0	0	55	103	27
3	14	0	0	76	104	42
4	11	0	0	93	105	78
5	10	0	0	93	100	73
6	13	0	0	100	95	79
7	11	0	0	52	98	49
8	9	0	0	38	100	23
9	7	0	0	50	102	18
10	0	0	0	52	105	27
11	0	0	0	41	106	31
12	0	0	0	40	95	25
13	0	0	0	35	96	13
14	4	0	0	32	102	8
15	16	0	0	31	88	3
16	17	0	0	28	92	0
17	0	0	0	31	83	0
18	0	0	0	36	60	4
19	0	0	0	34	8	11
20	0	0	0	49	34	3
21	0	0	0	72	82	0
22	0	0	0	90	81	0
23	0	0	0	101	75	0
24	0	0	0	103	85	0
25	0	0	0	104	84	0
26	0	0	0	104	84	0
27	0	0	0	102	90	20
28	0	0	3	77	93	43
29	0	0	34	98	99	22
30	0	0	27	105	76	11
31	0	0	108	59	..	..
Mean	5	0	2	66	87	21
Max.	27	0	34	108	106	79
Min.	0	0	0	9	8	0
A. F.	330	0	130	4040	5330	1310
Water diverted			Acreage reported			
11140 A. F.			D-653 7458			

PHELPS COUNTY CANAL from Platte River and
Kingsley Reservoir
Diverted into Tri-County Canal in Sec. 8-13-29 W.
Measured through Parshall flume—Sec. 2-8-21 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	373	0	123	208	295	570	524
2	373	0	109	208	298	578	507
3	370	0	97	210	300	570	505
4	365	0	91	220	302	576	505
5	357	0	99	225	298	578	482
6	343	0	97	230	300	570	451
7	341	0	99	238	379	584	415
8	285	0	95	235	409	581	381
9	256	0	91	235	401	578	365
10	250	0	95	235	395	576	349
11	228	0	95	232	380	578	328
12	215	0	95	232	387	578	313
13	215	0	95	230	381	581	323
14	215	0	95	232	384	587	305
15	140	0	95	230	395	595	285
16	70	0	95	238	407	590	285
17	70	0	97	255	421	590	288
18	58	0	95	260	449	573	295
19	50	0	91	260	463	570	295
20	50	0	95	260	493	558	292
21	50	4	107	260	519	553	292
22	50	7	103	270	524	556	298
23	50	23	107	275	547	533	302
24	0	40	107	270	558	535	302
25	0	64	146	275	561	535	308
26	0	89	166	270	570	541	308
27	0	116	170	270	570	527	310
28	0	128	190	275	570	538	308
29	0	130	195	280	570	544	308
30	0	135	195	285	570	535	308
31	0	...	200	...	570	533	...
Mean	154	25	117	247	441	564	351
Max.	373	135	200	285	570	595	524
Min.	0	0	91	208	295	527	285
A.F.	9470	1460	7210	14680	27130	34690	20910
Water diverted	115550 A.F.						

RAMSHORN CANAL
From North Platte River
Measured through rating flume—
Sec. 19-23-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	5	0	12	12	10	16
2	5	0	13	12	11	16
3	3	0	13	13	11	17
4	3	0	13	13	11	17
5	2	0	13	13	13	17
6	1	0	13	13	7	17
7	1	0	9	12	7	17
8	1	0	3	9	10	7
9	0	0	3	7	10	2
10	0	0	2	16	10	4
11	0	0	1	18	13	6
12	0	0	1	14	18	13
13	0	0	1	4	17	13
14	0	0	1	4	13	13
15	0	0	0	7	13	13
16	0	0	0	9	14	13
17	0	15	0	9	13	13
18	0	20	0	9	12	14
19	0	21	0	5	12	16
20	0	18	0	8	12	15
21	0	10	0	14	11	12
22	0	12	7	13	9	10
23	0	20	11	2	10	10
24	0	19	9	6	11	12
25	0	19	8	7	11	5
26	0	16	11	10	12	3
27	0	15	8	8	12	5
28	0	15	4	10	12	5
29	0	15	11	13	12	6
30	0	15	12	10	15	13
31	0	13	..	10	16	..
Mean	1	8	6	10	12	11
Max.	5	21	13	18	18	17
Min.	0	0	0	2	7	3
A.F.	40	480	360	620	730	670
Water diverted	2900 A. F.					
	Acreage reported					
	D-945 1652					

RUTTNER CANAL (NEW)
From Lodgepole Creek
Measured through rating flume—
Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	2	3	1	2
2	0	2	3	0	2
3	0	2	3	0	2
4	0	0	3	0	2
5	0	0	2	0	2
6	0	0	4	0	2
7	0	0	4	3	2
8	0	0	4	2	2
9	0	0	4	2	2
10	0	0	4	2	3
11	0	0	4	2	3
12	0	0	4	2	3
13	0	0	3	2	3
14	0	0	2	2	3
15	0	0	2	3	3
16	0	0	2	3	3
17	0	0	2	3	2
18	0	0	2	2	2
19	0	0	2	2	2
20	0	0	2	2	2
21	0	0	2	2	2
22	0	0	2	2	2
23	0	0	2	2	2
24	0	0	2	2	2
25	0	0	2	2	2
26	0	0	2	2	2
27	0	0	2	2	2
28	0	0	2	2	2
29	0	0	2	2	2
30	0	3	1	2	2
31	2	1	1	2	2
Mean	0	0	2	2	2
Max.	2	3	4	3	3
Min.	0	0	1	0	2
A.F.	0	20	150	110	130
Water diverted					
410 A. F.					
Acreage reported					
D-350R					22
A-727					38
A-857					92
A-869					44
Total					194

RUTTNER-KINNEY CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 31-15-56 W.

Day	May	June	July	Aug.	Sept.
1	0	1	0	1	1
2	0	1	0	1	1
3	0	1	0	1	1
4	0	1	0	1	1
5	0	1	0	1	1
6	0	1	0	1	1
7	0	1	0	1	1
8	0	1	1	4	1
9	0	0	2	2	1
10	0	0	2	1	1
11	0	0	2	1	1
12	0	0	2	1	1
13	0	0	2	2	1
14	0	0	2	2	1
15	0	0	2	1	1
16	0	0	2	1	1
17	0	0	1	1	1
18	0	0	1	1	1
19	0	0	1	1	1
20	0	0	3	1	1
21	0	0	1	1	1
22	0	0	1	1	1
23	0	0	1	1	1
24	0	0	1	1	1
25	0	0	1	1	1
26	0	0	1	1	1
27	0	0	1	1	1
28	0	0	1	1	1
29	0	0	1	1	1
30	0	0	1	1	1
31	1	1	1	1	1
Mean	0	0	1	1	1
Max.	1	1	4	4	1
Min.	0	0	1	1	1
A.F.	0	20	70	70	60
Water diverted					
220 A. F.					
Acreage reported					
D-345					135
D-350					51
A-718R					0
A-1828					14
Total					200

SHERIDAN-WILSON CANAL
From North Platte River
Measured through rating flume—
Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	5	1	0	2	0
2	7	1	5	2	0
3	7	1	5	2	0
4	6	1	5	2	0
5	1	1	7	2	0
6	2	1	7	2	1
7	2	0	4	2	1
8	2	0	3	2	0
9	3	0	4	2	0
10	3	0	4	2	0
11	3	1	3	2	0
12	3	1	2	2	0
13	1	1	2	2	0
14	0	0	1	1	0
15	0	0	2	1	0
16	1	0	2	1	0
17	1	0	1	2	0
18	1	0	1	1	0
19	5	0	2	1	0
20	4	0	4	0	0
21	7	0	4	0	0
22	4	0	3	0	0
23	2	0	2	0	0
24	1	0	2	0	0
25	2	0	2	0	0
26	2	0	4	0	0
27	1	0	4	0	0
28	5	0	4	0	0
29	4	0	3	0	0
30	2	0	3	0	0
31	1	0	3	0	0
Mean	3	0.3	3	1	0.1
Max.	7	1	7	2	1
Min.	0	0	0	0	0
A.F.	170	20	190	60	5
Water diverted	445 A. F.				

SHERIDAN-WILSON CANAL
From Sarben Slough
Measured in section of slough—
Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	7	9	7	7	8
2	7	9	7	8	8
3	7	9	7	8	8
4	7	9	7	8	8
5	7	9	7	8	8
6	7	9	7	8	8
7	7	9	7	8	8
8	7	8	7	8	8
9	7	8	7	7	8
10	7	8	7	7	8
11	7	8	7	7	8
12	7	8	7	7	8
13	7	8	7	7	8
14	7	8	7	7	8
15	7	8	7	7	8
16	7	8	7	7	8
17	7	8	7	7	8
18	7	8	7	7	8
19	7	8	7	7	8
20	7	8	7	7	8
21	9	8	7	7	8
22	9	8	7	7	8
23	9	8	7	7	8
24	9	8	7	7	8
25	9	8	7	7	8
26	9	8	7	7	8
27	9	7	7	7	8
28	9	7	7	7	8
29	9	7	7	7	8
30	9	7	7	7	8
31	9	7	7	7	8
Mean	8	8	7	7	8
Max.	9	9	7	7	9
Min.	7	7	7	7	8
A.F.	470	480	430	500	490
Water diverted	2370 A.F.				

DAILY DIVERSIONS OF CANALS—1949

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet—1949

Diverted from:	May	June	July	Aug.	Sept.	Total
North Platte River.....	170	20	190	60	5	445
Sarben Slough	470	480	430	500	490	2370
Total Diversion	640	500	620	560	495	2815
Water diverted 2815 A.F.	Acreage reported					D-710 676

SHORT LINE CANAL
From North Platte River
Measured through rating flume—
Sec. 25-21-53 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	6	0	0	22	13	16
2	0	0	8	24	11	18
3	0	0	19	21	12	15
4	0	0	19	20	10	12
5	0	0	34	19	12	13
6	0	0	32	13	12	11
7	0	0	8	21	13	9
8	0	0	6	13	16	7
9	0	0	8	27	18	6
10	0	0	9	13	12	6
11	0	0	9	1	9	6
12	0	0	12	0	11	5
13	0	0	12	0	12	6
14	0	0	5	0	20	5
15	0	0	0	0	11	5
16	0	0	0	0	15	7
17	0	0	0	0	6	12
18	0	0	0	0	5	12
19	0	0	0	14	8	11
20	0	0	6	21	7	12
21	0	0	13	23	14	11
22	0	0	4	12	11	11
23	0	0	9	16	11	13
24	0	0	13	21	11	13
25	0	0	16	20	11	13
26	0	0	15	21	11	11
27	0	0	14	21	12	12
28	0	0	16	24	14	10
29	0	0	23	22	14	12
30	0	0	23	14	12	15
31	0	0	..	13	13	..
Mean	0	0	11	14	12	10
Max.	6	0	34	27	20	18
Min.	0	0	0	0	5	5
A.F.	10	0	660	880	730	620
Water diverted	Acreage reported					
2900 A. F.	D-946 2775					

SIX MILE CANAL
Measured through rating flume
Sec. 13-11-25 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	5	0	8	0	7	8
2	5	0	9	0	9	8
3	4	0	0	6	8	7
4	0	0	0	8	9	0
5	0	0	0	7	10	0
6	0	0	0	8	12	0
7	0	0	0	8	14	0
8	0	0	0	8	12	0
9	0	0	0	8	16	0
10	0	0	0	8	13	0
11	0	0	0	8	16	0
12	0	0	0	8	16	0
13	0	0	0	8	15	0
14	0	0	0	8	15	0
15	0	0	0	8	13	0
16	0	0	0	8	14	0
17	0	0	5	8	12	0
18	0	0	4	8	0	2
19	0	0	4	9	0	5
20	0	0	3	9	0	6
21	0	0	4	9	0	7
22	0	0	8	9	0	7
23	0	0	8	9	0	7
24	0	0	5	10	0	5
25	0	0	5	11	4	0
26	0	0	5	11	9	0
27	0	0	6	10	9	0
28	0	0	10	10	9	0
29	0	0	4	9	9	0
30	0	0	0	9	9	0
31	0	5	0	7	8	..
Mean	1	0	3	8	9	2
Max.	5	5	10	11	16	8
Min.	0	0	0	0	0	0
A.F.	30	10	180	490	530	120
Water diverted	Acreage reported					
1360 A. F.	D-680 1173					

DAILY DIVERSIONS OF CANALS—1949

SUTHERLAND CANAL from South Platte River
Measured through 25' Parshall flume—Sec. 8-13-36 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	136	384	168	430	673	559	238	413	700	84	0
2	11	148	387	203	435	722	532	240	365	788	117	0
3	11	141	410	230	435	696	556	236	356	891	80	0
4	11	142	392	215	440	664	588	216	354	959	69	0
5	10	142	352	200	450	634	624	218	352	1060	43	0
6	10	155	305	190	460	609	634	216	354	1110	0	0
7	10	177	317	180	485	594	631	212	389	1060	0	0
8	10	212	332	170	490	570	600	238	445	977	0	0
9	12	244	294	175	480	570	573	254	811	888	0	0
10	12	272	292	170	475	559	547	349	1020	778	0	0
11	12	274	332	180	500	541	532	332	1040	683	0	0
12	36	199	365	190	520	532	517	327	1090	637	0	0
13	70	70	424	225	530	514	509	303	1090	603	0	0
14	63	12	405	250	540	506	498	287	1050	532	0	0
15	65	12	365	300	565	450	486	251	1030	459	0	0
16	83	65	308	340	560	517	461	242	1050	453	0	0
17	98	298	305	380	535	480	453	226	1030	410	0	0
18	112	322	320	430	535	461	432	205	1020	387	0	0
19	112	352	289	490	535	461	418	205	1050	389	0	0
20	102	244	287	550	535	456	418	218	1050	415	0	0
21	100	287	317	550	530	448	407	303	1030	410	0	0
22	101	339	342	550	515	437	389	379	860	342	0	0
23	106	392	342	550	495	415	382	415	758	294	0	0
24	106	407	287	525	545	402	372	405	677	249	0	0
25	106	394	258	520	605	434	329	415	664	207	0	0
26	106	387	247	525	505	440	305	410	646	177	0	0
27	115	387	166	530	535	456	283	397	646	142	0	0
28	117	312	112	540	655	526	263	384	661	122	0	0
29	132	339	129	550	544	238	387	655	107	0	42	0
30	134	359	151	560	...	500	238	376	670	106	0	160
31	132	...	137	570	...	532	...	387	...	62	0	0
Mean	68	241	302	361	511	528	450	299	754	529	13	7
Max.	134	407	424	570	655	722	634	415	1090	1110	117	160
Min.	10	12	112	168	430	402	238	205	352	62	0	0
A. F.	4200	14320	18550	22230	28380	32480	27320	18410	44880	32520	780	400
Water diverted 244470 A.F.												

SUTHERLAND POWER RETURN
To river at North Platte—Sec. 9-13-30 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1063	732	837	935	656	831	1264	1109	1288	1001	907	1157
2	985	688	657	895	656	810	990	1308	1218	1048	1119	1245
3	878	753	700	923	655	815	828	1142	1283	1099	1155	1214
4	1039	769	563	631	660	811	914	1137	1292	976	1136	1086
5	1059	738	541	578	617	940	890	1396	1074	1042	1136	1131
6	1180	714	774	578	623	1098	598	1289	1123	1029	1070	1055
7	1260	724	876	538	636	1154	398	1251	1102	924	740	922
8	1134	843	946	613	705	1287	563	1169	994	924	1217	1141
9	1118	874	941	604	778	1162	801	1057	1253	839	1174	1222
10	1038	836	1235	605	878	1220	759	1038	1335	715	1128	1289
11	1121	705	848	616	908	1322	747	1152	1357	705	1219	1075
12	1066	760	935	581	1023	1214	871	1256	762	889	1236	1241
13	1012	723	960	549	1037	1167	987	1260	1081	1063	1239	1100
14	992	606	1064	544	1066	1208	1005	954	1069	1012	1065	1065
15	842	739	976	491	980	1243	1069	684	1025	1152	1127	975
16	787	787	1064	497	949	1391	1093	988	1110	1219	1153	983
17	803	794	1106	516	707	1257	1026	1022	1230	1161	840	1004
18	977	775	1051	573	660	1220	1166	1093	1229	1313	953	966
19	995	636	1066	593	687	1281	1210	1126	1053	1275	1056	1043
20	1016	729	981	636	608	1276	1144	1097	1368	1321	1233	1078
21	839	682	722	661	583	1256	1169	858	1307	1165	1344	1014
22	790	767	693	648	615	1220	1156	756	1157	1246	1327	1001
23	791	663	802	641	759	1209	1134	987	464	1050	1350	1060
24	781	477	792	676	821	1249	1098	1094	696	1013	1255	1093
25	947	405	736	707	727	1192	1237	1148	1077	1228	1205	1018
26	797	581	692	718	825	1185	1248	1180	935	1259	1260	1051
27	750	796	901	713	752	875	1301	1150	896	1261	1198	1124
28	761	648	956	769	854	946	1107	1241	949	1284	1066	1074
29	810	1086	850	785	854	951	1253	1247	961	1090	1248	1143
30	717	775	1131	719	...	1060	1207	1273	1032	722	1150	1134
31	665	...	1036	684	...	1201	...	1269	...	614	1144	...
Mean	936	727	890	652	766	1131	1008	1120	1094	1053	1144	1090
Max.	1260	1086	1235	935	1066	1391	1301	1396	1368	1321	1350	1289
Min.	665	405	541	491	583	810	398	684	762	614	740	922
A. F.	57550	43250	54730	40100	42560	69520	59970	68890	65100	64740	70310	64870
Water returned 701590 A.F.												

DAILY DIVERSIONS OF CANALS—1949

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SUTHERLAND RESERVOIR SYSTEM
Storage in Sutherland, Regulator and Forebay Reservoirs, Combined
Total Live Storage in Acre-feet

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	47792	69539	45723	41652	35462	41653	51478	37773	63580	70960	31643	35397
2	48216	70257	45233	41882	35989	42509	51304	48028	63736	70145	32240	35425
3	48712	70866	45447	41332	36297	43544	51277	48603	63773	69990	32374	35358
4	49412	71049	45505	40769	36718	44600	51415	48779	63974	68198	32710	35503
5	49876	70649	44872	40044	37419	44790	52063	48805	64807	67286	32867	35892
6	49833	70526	43776	39111	37829	45210	52395	49463	65203	67230	33359	36349
7	49875	69702	43063	38307	38048	44874	53584	50084	66248	66946	34266	37450
8	49542	68987	41152	37110	38161	44174	54240	51245	67710	66390	34274	37343
9	49758	68033	40438	36769	38305	44393	54586	52363	67850	66941	34215	36967
10	50197	67317	39127	34162	38080	44256	54846	53394	68219	64891	34737	36688
11	50660	66686	39592	32981	38135	44169	54961	53690	67927	64860	34596	36520
12	51260	65195	39942	32280	37538	44333	54499	53806	69738	63836	34454	36126
13	51692	63617	40319	30734	37108	44629	54038	53906	70196	62326	34589	36114
14	52151	62475	40355	30229	36953	44690	53760	54501	71064	60932	34933	36057
15	53194	60902	39974	30123	36506	44639	53151	55430	71774	59060	35360	36061
16	54372	59258	40090	30550	36280	44552	52221	55714	72388	56549	35427	36084
17	55191	57556	39559	31699	36550	44660	51467	56482	72505	54949	36508	35922
18	55910	56447	39285	31478	36891	44741	51125	56859	73394	52476	36803	35945
19	56431	55436	38851	31607	37360	44634	49484	57349	74115	50567	36862	35966
20	57207	54205	38475	32907	38339	44639	48721	57098	74465	48223	36643	35315
21	58266	52700	39350	33385	38965	44797	47897	58913	76549	46232	36341	35097
22	59213	51277	39616	32731	39592	44813	95139	60400	77212	43775	36047	34767
23	60147	50512	40315	33801	39870	44813	46616	61891	78102	41761	35576	34475
24	61088	50049	41472	33861	40074	45017	46780	61646	76655	39672	35442	33840
25	62070	49969	41809	34068	40376	45442	46691	62190	76444	37219	35289	33785
26	63115	49802	42442	34233	40677	45857	46470	62540	76412	34889	35177	33345
27	64114	48461	42586	34966	40893	46868	46444	62754	75663	33007	34986	32953
28	64924	47631	42195	34773	41075	47429	46697	63030	74488	31228	35470	32727
29	66257	46453	42484	34806	.....	48318	46841	63238	72713	31147	35369	32090
30	67907	46049	41725	34570	.....	49998	47205	63420	72640	30544	35403	31864
31	68698	.....	40544	35601	.....	51253	.....	63686	.....	31193	35470	.....

Reported by Platte Valley Public Power and Irrigation District.

THIRTY MILE CANAL
From Platte River
Measured through rating flume—
Sec. 30-12-26 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	110	0	66	79	277	91
2	105	0	51	83	270	85
3	105	0	57	84	274	84
4	104	0	70	68	278	88
5	103	0	84	80	281	84
6	106	0	86	105	276	87
7	100	0	96	91	281	75
8	94	0	76	89	279	58
9	91	0	54	105	279	65
10	91	0	56	90	279	70
11	93	0	66	100	269	72
12	95	0	76	105	276	51
13	96	0	77	103	273	66
14	98	0	83	100	269	49
15	100	0	82	114	268	44
16	101	0	83	114	275	41
17	103	51	77	122	230	42
18	105	84	82	146	139	40
19	105	73	77	156	99	40
20	101	70	83	177	95	47
21	110	80	84	208	92	60
22	95	77	84	222	79	72
23	100	49	81	251	86	71
24	100	45	81	256	100	68
25	99	58	86	252	82	68
26	99	76	79	253	92	68
27	99	76	82	251	96	66
28	99	71	81	261	94	61
29	98	65	78	267	94	61
30	98	65	81	279	92	61
31	96	61	..	279	91	..
Mean	100	32	77	158	192	64
Max.	110	84	96	279	281	91
Min.	91	0	54	68	79	40
A.F.	6150	1990	4580	9700	11830	3840
Water diverted	Acreage reported					
38090 A.F.	A-1853 19243					
	A-1976 3635					
	A-2077 320					
Total	23198					

DAILY DIVERSIONS OF CANALS—1949

TRI-COUNTY CANAL from Platte River
Measured through 30' Parshall flume—Sec. 8-13-29 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1610	1320	1280	900	1630	1640	1820	1730	1840	1840	2060	1680
2	1630	1250	1260	980	1600	1730	1900	1940	1760	1900	2060	1710
3	1540	1320	1170	820	1570	1840	1790	1810	1770	1980	2030	1750
4	1580	1320	1170	800	1620	1890	1910	1500	1840	1960	2000	1750
5	1600	1310	820	780	1660	1890	1910	1960	1760	1950	2020	1830
6	1700	1280	1340	720	1500	1870	1990	1910	1720	2040	2020	2040
7	1840	1330	1300	740	1520	1840	1910	1780	1840	1980	1990	2020
8	1830	1310	1300	920	1510	1890	1730	2000	1900	1980	2030	1990
9	1810	1390	1120	920	1490	1780	1950	1980	1930	1950	1980	1970
10	1700	1350	1260	970	1500	1870	2000	1900	1940	1950	2010	1970
11	1760	1250	1380	1080	1430	1890	1920	1850	1900	1940	2010	1960
12	1760	1300	1440	1220	1370	1790	1790	1840	1860	2010	2030	2000
13	1660	1270	1510	1270	1350	1820	1820	1910	1950	2000	2040	1980
14	1640	1210	1520	1310	1370	1830	1860	1980	1980	1980	2040	2000
15	1450	1370	1420	1310	1390	1670	1780	1980	1960	2020	2040	1880
16	1310	1650	1470	1280	1320	1903	1770	1830	1820	2050	2010	1920
17	1260	1650	1560	1340	1360	1910	1750	1920	1960	2050	2000	1880
18	1480	1690	1530	1470	1330	1890	1730	1800	1940	2020	2000	1830
19	1560	1220	1500	1430	1380	1900	1810	1770	1970	2010	2000	1840
20	1500	1300	1460	1460	1410	1940	1720	1780	1940	2020	1920	1860
21	1380	1410	1280	1470	1400	2010	1860	1850	1950	2030	1970	1810
22	1350	1700	1210	1550	1400	1920	1810	1810	1880	2050	1930	1770
23	1320	1510	1340	1460	1350	1870	1690	1890	1870	2020	1890	1760
24	1260	1530	1140	1370	1390	1950	1960	1860	1890	2000	1850	1720
25	1400	1300	1210	1520	1490	1930	1760	1860	1940	2040	1760	1690
26	1380	1150	900	1450	1550	1910	1770	1850	1890	2060	1800	1680
27	1280	1270	1130	1480	1580	1980	1840	1850	1880	2020	1720	1810
28	1270	1310	1010	1420	1630	1950	1670	1770	1830	2030	1620	1820
29	1390	1480	570	1580	.....	1820	1780	1870	1840	2030	1760	1830
30	1380	1390	660	1630	.....	1560	1470	1830	1830	2020	1780	1820
31	1350	.....	790	1680	.....	1520	.....	1860	.....	2040	1710	.....
Mean	1515	1372	1227	1236	1468	1845	1806	1854	1879	1999	1938	1852
Max.	1840	1700	1560	1680	1660	2010	2000	2000	1980	2060	2060	2040
Min.	1260	1160	570	720	1320	1520	1470	1730	1720	1840	1620	1680
A.F.	93180	81620	75470	76030	81520	113460	107440	113990	111830	122920	119170	110220

Water diverted
1206850 A. F.

Acreage Reported	
A-2354 Natural flow for power	
A-2355 Natural flow for	164117 Acres
A-3476 Storage for	164117 Acres
A-3620 Storage for	3119 Acres
A-3823 Storage for	3263 Acres

TRI-COUNTY CANAL, JEFFREY POWER RETURN to Platte River
Measured through Parshall flume—Sec. 36-12-27 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	166	63	0	0	0	105	0	0	0	0	39	268
2	145	0	0	0	0	95	0	0	0	0	0	218
3	147	0	0	0	0	350	0	0	0	0	0	203
4	147	0	0	0	0	0	0	0	0	0	0	201
5	149	0	0	0	0	0	0	0	0	0	0	205
6	150	0	0	0	0	0	0	0	0	0	0	181
7	114	0	0	0	0	0	0	0	0	0	0	31
8	100	0	0	0	0	0	0	0	0	0	222	0
9	101	0	0	0	0	0	0	0	0	0	162	0
10	101	0	0	0	0	0	0	0	0	0	25	0
11	66	0	0	0	0	0	0	0	0	79	45	0
12	18	0	0	0	0	0	0	0	0	220	0	0
13	69	0	0	0	0	0	0	0	0	198	0	0
14	105	0	0	0	0	0	0	0	0	100	16	0
15	120	0	0	0	0	0	0	0	0	97	93	0
16	118	0	0	0	0	0	0	0	0	100	78	0
17	120	0	0	0	0	0	0	0	0	172	0	0
18	122	0	0	0	0	0	0	0	0	385	166	0
19	120	0	0	0	0	0	0	0	0	454	135	32
20	116	0	0	0	0	0	0	0	0	432	0	79
21	103	0	0	0	0	0	0	0	0	460	0	147
22	96	0	0	0	0	0	0	0	0	382	0	181
23	93	0	0	0	0	0	0	0	0	235	32	183
24	93	0	0	0	0	0	0	0	0	370	152	194
25	93	0	0	0	0	0	0	0	0	532	169	194
26	92	0	0	0	0	0	0	0	0	351	237	190
27	92	0	0	0	0	0	0	0	0	101	295	187
28	93	0	0	0	0	0	0	0	0	55	293	187
29	94	0	0	0	0	0	0	0	0	38	283	187
30	96	0	0	0	0	0	0	0	0	35	295	187
31	94	0	0	0	0	0	0	0	0	21	298	0
Mean	108	2	0	0	0	18	0	0	0	172	98	108
Max.	166	63	0	0	0	350	0	0	0	532	298	268
Min.	18	0	0	0	0	0	0	0	0	0	0	0
A.F.	6610	120	0	0	0	1090	0	0	0	10550	6040	6450

Water returned 30860 A.F.

DAILY DIVERSIONS OF CANALS—1949

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TRI-COUNTY CANAL, JOHNSON POWER RETURN
To Platte River—Sec. 2-8-21 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	905	1205	1487	748	1059	1183	1911	801	886	927	697	43
2	611	1087	1171	743	1383	1134	1830	1251	918	785	396	46
3	645	1035	1192	1215	1286	1224	1303	1263	740	219	445	466
4	869	1028	1044	828	1204	1227	1554	1472	873	115	471	40
5	579	948	894	585	843	1278	1413	1379	712	939	521	252
6	649	730	1174	462	350	1196	1656	1436	982	862	688	337
7	625	608	1400	589	907	1389	1647	1234	910	805	0	553
8	608	1142	1488	538	980	1852	1749	855	1252	778	861	635
9	313	1027	1348	650	1075	1827	1249	1148	1271	589	756	905
10	310	1085	1072	763	1471	1808	1776	1240	1297	107	718	933
11	573	1064	1103	679	1386	1803	1424	1394	1503	424	796	605
12	607	1132	259	681	1229	1716	1384	1484	1232	832	692	1045
13	731	1168	646	487	1162	1260	1591	1665	1314	562	391	1075
14	630	800	693	595	1395	1679	1329	1553	1405	457	22	999
15	870	1181	528	476	1166	1739	1630	1158	1359	819	182	1107
16	984	1109	629	402	1177	1774	1819	1220	1309	909	91	1141
17	862	1082	750	813	1147	1630	1275	1263	1320	694	13	1070
18	875	1114	879	892	1191	1506	1547	1167	1170	945	25	402
19	778	1086	981	845	1258	1497	1653	1171	427	921	24	967
20	708	1403	1072	1040	987	635	1555	1350	1066	834	43	967
21	1036	1678	1183	897	1401	1399	1480	1225	1047	651	130	935
22	1042	1505	1257	1087	1275	1590	1341	942	1251	583	493	1368
23	973	1453	1479	574	1364	1535	1478	1147	1346	608	616	496
24	741	1401	1468	887	1203	1486	459	1443	1309	174	701	731
25	993	1170	1017	1362	1167	1372	1233	1481	1071	816	509	292
26	1252	1257	1228	1069	1049	1824	1444	1540	807	736	495	951
27	1115	1197	1332	901	823	1574	1266	1513	1068	438	226	825
28	1295	1237	1101	751	1211	1666	1086	892	878	672	39	611
29	1331	1562	860	802	....	1803	1058	1504	758	505	272	530
30	931	1464	1304	680	....	1848	1425	1032	939	348	34	364
31	830	....	1272	956	....	1906	....	1054	....	17	34	....
Mean	815	1164	1075	774	1148	1527	1452	1267	1081	615	367	690
Max.	1331	1562	1488	1362	1471	1906	1911	1665	1503	945	861	1368
Min.	310	608	259	402	350	635	459	801	427	17	0	40
A.F.	50130	69280	66070	47600	63760	93900	86420	77890	64310	37830	22550	41040
Water returned 720780 A.F.												

TRI-STATE CANAL FOR FARMERS
IRRIGATION DISTRICT AND
PREFERRED RIGHTS

From North Platte River and
Pathfinder Reservoir

Measured through section of canal—
Sec. 10-23-58 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	37	0	611	928	882	868
2	23	0	606	928	868	857
3	0	177	578	910	813	847
4	0	319	611	909	812	876
5	0	340	677	910	811	855
6	0	340	529	908	848	725
7	0	340	224	949	875	693
8	0	131	105	952	894	582
9	0	119	180	953	920	530
10	0	280	287	965	893	479
11	0	307	323	928	920	481
12	0	326	394	844	920	472
13	0	342	407	831	896	530
14	0	336	337	841	877	520
15	0	358	353	809	847	429
16	0	428	349	731	846	433
17	0	398	369	784	840	466
18	0	537	380	752	836	466
19	0	626	342	774	831	559
20	0	634	393	884	849	552
21	0	634	451	914	857	544
22	0	634	525	876	889	563
23	0	666	668	838	868	571
24	0	666	712	861	873	598
25	0	622	724	871	909	586
26	0	430	790	866	906	541
27	0	378	832	853	920	559
28	0	333	854	851	914	499
29	0	327	861	878	901	409
30	0	425	911	846	895	416
31	0	527	....	848	859	....
Mean	2	386	513	872	873	584
Max.	37	666	911	965	920	876
Min.	0	0	105	752	811	409
A.F.	120	23760	30520	53600	53690	34720
Water diverted 196410 A.F.						

DAILY DIVERSIONS OF CANALS—1949

TRI-STATE DIVERSIONS
For Farmers Irrigation District and Preferred Rights
Summary in Acre-feet—1949

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	120	23760	30520	53600	53690	34720	196410
Optional Diversions (Estimated).							5230
Total diversions							201640
Acreage reported							
D-918	53960						
A-660	2913						
O.D.	1720						
Total	63593						

UNION CANAL
From Blue Creek and Rescend Lake
Measured through rating flume—
Sec. 18-16-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	8	0	0	9	8	8
2	8	0	0	9	2	8
3	8	0	0	9	5	9
4	8	0	0	8	8	9
5	8	0	0	6	15	10
6	8	0	0	5	16	2
7	12	0	0	7	17	0
8	12	0	0	9	17	0
9	12	0	0	12	17	0
10	12	0	0	15	18	0
11	12	0	0	15	18	0
12	15	0	0	14	18	0
13	14	0	0	13	16	0
14	11	0	0	13	5	0
15	8	0	0	13	2	0
16	0	0	0	11	2	0
17	0	0	0	8	3	0
18	0	0	0	11	4	0
19	0	0	0	14	5	0
20	0	0	0	14	5	0
21	0	0	0	24	6	0
22	0	0	0	21	6	0
23	0	0	0	20	6	0
24	0	0	0	20	6	0
25	0	0	0	22	9	0
26	0	0	4	23	15	0
27	0	0	4	25	13	0
28	0	0	2	24	15	18
29	0	0	4	16	18	18
30	0	0	9	13	13	18
31	0	0	..	9	9	..
Mean	5	0	1	14	10	4
Max.	15	0	9	25	18	18
Min.	0	0	0	7	2	0
A.F. 310	0	0	50	860	610	220
Water diverted						
2050 A. F.						
Acreage reported						
D-763 1233						

WESTERN CANAL from South Platte River
Measured through section of canal—
Sec. 14-12-43 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	40	74	0	61	0	83	183
2	40	74	0	63	176	78	150
3	38	74	0	59	187	78	133
4	38	79	0	57	164	80	114
5	50	108	0	63	175	88	123
6	50	74	0	63	164	80	83
7	59	48	0	61	164	70	59
8	100	25	0	187	164	66	66
9	100	0	0	240	157	66	63
10	204	0	0	278	160	86	61
11	91	0	0	327	157	83	69
12	86	0	66	0	150	70	55
13	77	0	96	0	153	66	48
14	79	0	111	0	146	68	55
15	84	0	105	0	171	78	25
16	91	0	102	0	140	78	0
17	94	0	99	0	146	93	0
18	81	0	105	0	143	168	0
19	70	0	105	0	157	253	0
20	70	0	78	0	153	240	0
21	70	0	66	0	146	206	15
22	60	0	63	0	140	187	33
23	60	0	63	0	143	160	33
24	60	0	75	0	157	133	78
25	70	0	66	0	146	102	88
26	65	0	66	0	133	99	33
27	65	0	80	0	123	88	33
28	63	0	66	0	114	88	86
29	74	0	66	0	91	102	86
30	84	0	75	0	86	93	88
31	81	0	68	0	83	99	..
Mean	74	18	52	49	142	107	68
Max.	204	108	111	327	187	253	183
Min.	38	25	0	0	0	66	0
A.F. 4550	1100	3220	2890	8710	6600	4070	
Water diverted							
31140 A. F.							
Acreage reported							
A-393 11805							
A-393R 400							
A-1804 364							
Total 12569							

DAILY DIVERSIONS OF CANALS—1949

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WHITNEY RESERVOIR from White River
Storage in Acre-feet—Sec. 34-33-51 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6990	.....
2	7800	.....	.....	.....	.....	.....	.....
3
4
5	5920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	5540	.....	.....	.....	.....	.....	8740	.....	.....	.....	.....	.....
7
8	5950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	8950	.....	.....	.....	.....
10	6770	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	6040	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	4300
13	5570	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	6870	.....	.....	.....	.....	.....	.....	.....	.....	.....
15
16	6930	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	6220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	8230	.....	.....	.....	.....	.....	.....
19
20
21
22	5570	.....	7100	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	6430	.....	.....	.....	.....	.....	.....	9660	.....	.....	.....
24
25
26
27
28	7390	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	6670	.....	.....	.....	.....	.....	.....	.....	.....	5780	.....
30
31	5780	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

WINTERS CREEK CANAL
From North Platte River
Measured through Parshall flume—
Sec. 17-22-55 W.

Day	May	June	July	Aug.	Sept.
1	0	16	0	29	22
2	5	17	14	28	18
3	13	15	22	30	22
4	13	13	28	28	26
5	12	13	33	22	22
6	13	20	32	20	23
7	11	27	30	17	24
8	13	20	30	24	22
9	14	18	28	31	20
10	11	14	28	31	20
11	8	10	28	31	21
12	4	10	28	31	20
13	14	10	27	30	18
14	14	8	27	21	20
15	9	5	27	23	21
16	9	9	26	27	19
17	8	8	24	26	13
18	6	0	24	26	18
19	8	0	22	18	15
20	10	10	21	22	11
21	12	12	26	26	14
22	12	14	28	23	18
23	13	15	24	20	22
24	14	13	27	19	25
25	13	14	27	19	24
26	9	16	25	24	20
27	6	16	24	22	24
28	11	4	22	22	21
29	12	0	22	21	28
30	12	0	30	21	28
31	15	0	33	23	21
Mean	10	12	25	24	21
Max.	15	27	33	31	28
Min.	0	0	0	17	11
A.F.	640	690	1560	1500	1230
Water diverted	5620 A. F.				

WINTERS CREEK CANAL
From Winters Creek
Measured through Parshall flume—
Sec. 18-22-54 W.

Day	May	June	July	Aug.	Sept.
1	0	32	49	42	42
2	6	67	50	42	40
3	29	33	48	41	37
4	32	42	46	39	36
5	21	43	45	40	33
6	18	35	45	43	31
7	14	16	40	45	30
8	12	15	37	46	26
9	10	9	42	44	18
10	15	7	43	43	16
11	27	8	40	46	18
12	26	13	41	48	18
13	21	16	40	49	23
14	16	16	41	46	23
15	15	12	38	49	18
16	12	8	36	49	17
17	8	2	38	42	19
18	7	0	40	37	13
19	7	0	41	36	24
20	6	9	44	37	33
21	6	22	42	36	35
22	6	34	41	42	38
23	6	40	41	46	38
24	6	40	40	50	34
25	6	47	37	51	33
26	14	48	39	48	28
27	26	48	41	45	29
28	18	46	39	45	30
29	21	42	43	44	29
30	31	46	36	41	31
31	30	..	41	43	..
Mean	15	27	41	44	29
Max.	32	67	50	49	42
Min.	0	0	36	36	13
A.F.	940	1580	2550	2690	1660
Water diverted	9420 A. F.				

DAILY DIVERSIONS OF CANALS—1949

WINTERS CREEK LATERAL
From Winters Creek
Measured through section of canal—
Sec. 19-22-54 W.

Day	May	June	July	Aug.	Sept.
1	0	10	5	9	14
2	0	22	5	11	0
3	9	21	5	12	0
4	9	20	10	12	0
5	8	12	10	9	0
6	9	0	13	9	0
7	8	0	10	9	0
8	7	0	5	4	0
9	6	17	12	16	5
10	8	4	7	20	5
11	10	4	3	19	5
12	9	4	3	0	8
13	0	4	6	0	8
14	9	4	22	0	9
15	8	4	20	16	5
16	7	4	18	0	3
17	8	4	1	15	3
18	2	4	9	20	3
19	4	3	14	18	3
20	1	4	10	18	6
21	2	20	13	0	12
22	2	21	14	8	16
23	2	21	3	18	18
24	19	15	2	18	15
25	18	20	1	4	16
26	7	3	1	5	16
27	2	3	12	7	16
28	0	8	11	1	16
29	7	15	11	5	9
30	8	11	11	10	12
31	8	..	7	10	..
Mean	6	9	9	10	8
Max.	19	22	22	20	18
Min.	0	0	1	0	0
A.F.	390	560	540	600	440
Water diverted	2530 A.F.				

WINTERS CREEK DIVERSIONS
Summary in Acre-feet—1949

	May	June	July	Aug.	Sept.	Total	
Diverted from:							
North Platte River.....	640	690	1560	1500	1230	5620	
Winters Creek:							
Main Canal.....	940	1580	2550	2690	1660	9420	
Factory Lateral.....	390	560	540	600	440	2530	
Total from Winters Creek.....	1330	2140	3090	3290	2100	11950	
Total diverted.....	1970	2830	4650	4790	3330	17570	
Water diverted						Acreage reported	
17570 A.F.						D-952	5748

DAILY DIVERSIONS OF CANALS—1950

623

ALLIANCE CANAL
From Bayard Sugar Factory Drain
Measured through Parshall flume—
Sec. 5-20-52 W.

Day	Oct.	May	June	July	Aug.	Sept.	
1	0	6	30	27	19	0	0
2	0	6	24	26	17	0	0
3	0	6	15	28	15	10	0
4	0	6	16	30	9	17	0
5	0	8	15	29	10	13	0
6	0	7	14	29	14	13	0
7	0	10	10	29	10	12	0
8	0	8	0	30	10	13	0
9	0	8	0	30	14	15	0
10	0	7	0	31	13	18	0
11	0	5	14	32	13	14	0
12	0	9	23	32	13	17	0
13	0	10	23	25	17	17	0
14	0	10	23	28	19	16	0
15	0	9	23	28	20	18	0
16	0	8	23	28	20	7	0
17	0	9	27	30	19	0	0
18	0	13	30	32	21	0	0
19	0	17	31	32	21	0	0
20	0	17	32	30	22	0	0
21	0	19	32	32	22	0	0
22	0	20	31	15	23	0	0
23	0	20	32	0	22	0	0
24	0	21	33	0	13	0	0
25	0	25	33	0	0	0	0
26	0	24	32	0	0	0	0
27	0	25	33	0	0	0	0
28	0	25	31	0	0	0	0
29	0	26	30	0	0	0	0
30	0	26	28	7	0	0	0
31	0	28	0	17	0	0	0
Mean	0	14	23	20	13	7	
Max.	0	28	33	32	23	18	
Min.	0	5	0	0	0	0	
A.F.	0	870	1360	1250	790	400	
Water diverted							
4870 A.F.							
Acreage reported							
D-874-1035							
2106							

ATKINS-POLLY CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 30-15-55 W.

Day	May	June	July	Aug.	Sept.	
1	2	0	0	0	1	
2	2	0	0	0	1	
3	2	0	0	0	2	
4	2	0	0	0	2	
5	2	0	0	0	2	
6	2	0	0	0	2	
7	3	0	0	0	2	
8	0	0	0	0	1	
9	0	0	0	0	1	
10	0	0	0	2	0	0
11	0	0	0	2	0	0
12	0	1	2	0	0	0
13	0	1	4	0	0	0
14	0	2	3	0	0	0
15	0	2	3	0	0	0
16	0	2	0	0	0	0
17	0	1	0	0	0	0
18	0	2	0	0	0	0
19	0	2	0	0	0	0
20	0	2	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	1	0	0
25	0	0	0	2	0	0
26	0	0	0	1	0	0
27	0	0	0	2	0	0
28	0	0	0	1	0	0
29	0	0	0	1	0	0
30	0	0	0	1	0	0
31	0	0	0	1	0	0
Mean	0	0	0	0	0	
Max.	3	2	4	1	2	
Min.	0	0	0	0	0	
A.F.	30	30	30	20	30	
Water diverted						
140 A.F.						
Acreage reported						
D-342						
55						
D-344						
30						
A-897R						
8						
Total						
93						

ALLIANCE CANAL
From Red Willow Creek
Measured through rating flume—
Sec. 6-20-51 W.

Day	Oct.	May	June	July	Aug.	Sept.	
1	14	16	23	45	61	54	
2	14	14	27	44	54	56	
3	14	14	25	44	57	54	
4	14	13	28	52	59	50	
5	14	5	40	57	64	52	
6	15	0	44	59	53	63	
7	15	0	47	48	71	61	
8	15	0	46	45	62	62	
9	15	0	48	23	70	27	
10	10	1	43	45	70	27	
11	4	3	37	44	66	24	
12	0	7	33	45	58	32	
13	0	12	41	48	48	36	
14	0	8	46	50	50	26	
15	0	8	23	52	53	26	
16	0	20	18	55	69	10	
17	0	23	45	54	80	0	
18	0	25	46	53	76	0	
19	0	26	42	53	48	0	
20	0	26	42	9	28	0	
21	0	28	39	0	64	0	
22	0	39	39	0	68	0	
23	0	24	41	9	68	0	
24	0	21	49	44	70	5	
25	0	27	51	33	43	28	
26	0	24	57	33	4	34	
27	0	19	58	40	17	30	
28	0	23	60	38	52	30	
29	0	18	53	49	68	25	
30	0	13	50	55	56	22	
31	0	12	5	58	57		
Mean	5	15	41	41	57	28	
Max.	15	39	60	59	80	63	
Min.	0	0	18	0	4	0	
A.F.	280	930	2460	2550	3500	1650	
Water diverted							
11370 A.F.							
Acreage reported							
D-874-1035							
4022							
A-1181							
80							
A-1432							
60							
A-1436							
18							
Total							
4180							

BEERLINE CANAL from North Platte
River and Pathfinder Reservoir
Measured through rating flume—
Sec. 24-19-49 W.

Day	May	June	July	Aug.	Sept.	
1	0	0	0	14	6	5
2	0	0	0	13	10	4
3	0	0	0	12	15	4
4	0	3	6	15	15	4
5	0	16	1	6	5	5
6	0	15	2	2	4	4
7	0	14	7	2	4	4
8	0	12	12	8	4	4
9	0	11	14	11	5	5
10	0	13	18	10	10	10
11	0	3	7	10	3	3
12	0	10	0	7	3	3
13	0	31	0	0	2	2
14	0	29	4	5	2	3
15	0	28	13	11	3	3
16	0	27	16	6	4	4
17	0	9	22	6	10	7
18	0	3	10	6	8	7
19	0	3	6	13	7	0
20	0	2	8	7	0	0
21	0	2	9	7	0	0
22	0	6	7	0	0	0
23	10	10	4	0	0	0
24	25	8	0	0	0	0
25	25	1	0	0	0	0
26	23	5	0	2	0	0
27	17	5	0	4	0	0
28	13	14	1	9	0	0
29	9	20	2	7	0	0
30	5	15	2	7	0	0
31	1	5	6	6	0	0
Mean	4	10	7	6	3	
Max.	25	31	22	15	10	
Min.	0	0	0	0	0	
A.F.	250	620	430	380	180	
Water diverted						
1840 A.F.						
Acreage reported						
D-887						
2080						

DAILY DIVERSIONS OF CANALS—1950

BENNETT CANAL from Lodgepole Creek and Bennett Reservoir
Measured through rating flume—
Sec. 22-15-55 W.

Day	May	June	July	Aug.	Sept.
1	3	1	0	1	2
2	3	1	0	1	2
3	3	1	0	1	1
4	3	1	0	1	2
5	3	1	0	1	2
6	3	1	0	1	1
7	3	1	3	1	1
8	0	1	3	1	1
9	0	0	3	2	1
10	0	1	3	2	1
11	0	1	3	1	1
12	0	0	3	1	1
13	0	2	3	1	1
14	0	1	3	1	1
15	0	2	3	3	1
16	2	5	3	3	2
17	2	2	3	3	2
18	2	2	3	2	2
19	2	2	3	2	2
20	3	2	3	2	2
21	3	2	3	2	2
22	2	2	1	2	2
23	2	2	0	3	2
24	2	1	0	3	2
25	2	0	0	2	2
26	2	0	0	2	2
27	2	0	0	2	2
28	2	0	0	2	2
29	1	0	1	2	2
30	1	0	1	2	2
31	1	1	1	2	2
Mean	2	1	2	2	2
Max.	3	5	3	3	2
Min.	0	0	0	1	1
A.F.	100	70	110	110	100
Water diverted					
490 A.F.			Acreeage reported		
			A-691		86
			A-1975		414
			Total		500

BICKEL-FADEN CANAL From Lodgepole Creek
Measured through rating flume—
Sec. 30-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	2
3	0	0	0	0	2
4	0	0	0	0	2
5	0	0	0	0	1
6	0	0	0	0	2
7	0	0	0	0	1
8	0	0	0	0	1
9	0	0	0	0	1
10	0	0	0	0	1
11	0	0	0	0	1
12	0	0	0	0	1
13	0	0	0	1	1
14	0	0	0	0	1
15	0	0	0	0	1
16	0	0	0	1	0
17	0	0	1	1	0
18	0	0	1	1	0
19	0	1	1	1	0
20	0	0	1	2	0
21	0	0	1	1	0
22	0	0	0	1	0
23	0	0	0	1	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	1	1	0
30	0	0	1	1	0
31	0	1	1	1	0
Mean	0	0	0	1	0
Max.	0	1	1	2	1
Min.	0	0	0	0	0
A.F.	0	5	20	70	25
Water diverted					
120 A.F.			Acreeage reported		
			D-347		22
			A-715		61
			A-724		8
			Total		91

BIRDWOOD CANAL from Birdwood Creek
Measured through rating flume—
Sec. 35-15-33 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	30	18	0	0	56	0	25
2	20	18	0	0	59	0	26
3	10	11	0	0	55	0	22
4	10	4	0	0	51	4	20
5	20	4	0	0	54	21	20
6	20	4	0	0	45	22	22
7	30	4	0	42	43	10	22
8	30	4	0	29	53	5	23
9	20	5	0	22	54	5	24
10	2	4	0	19	52	4	19
11	1	4	0	20	52	11	18
12	0	1	0	29	55	16	19
13	0	0	0	35	56	17	23
14	0	0	0	41	57	16	28
15	0	0	0	44	57	16	14
16	0	0	0	43	60	16	2
17	0	0	0	42	51	22	1
18	6	0	0	31	41	34	0
19	22	0	0	27	51	38	1
20	24	0	0	44	47	16	17
21	24	9	0	48	59	12	22
22	24	7	0	41	27	13	22
23	24	1	0	46	27	13	25
24	18	0	0	31	25	12	27
25	17	0	0	32	30	18	28
26	16	0	0	33	28	29	29
27	15	0	0	36	27	0	29
28	14	0	0	41	7	0	20
29	14	0	0	41	0	0	10
30	15	0	0	39	0	20	9
31	16	0	0	0	0	22	13
Mean	14	3	0	29	43	13	19
Max.	30	18	0	48	60	38	29
Min.	0	0	0	0	0	0	0
A.F.	880	190	0	1700	2540	820	1120
Water diverted							
7250 A.F.				Acreeage reported			
				D-646			5636

BLUE CREEK CANAL from Blue Creek and Crescent Lake
Measured through rating flume—
Sec. 33-17-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	37	0	0	44	18	0
2	37	0	0	44	18	0
3	38	0	0	35	18	0
4	38	0	0	35	20	0
5	40	0	0	34	26	0
6	43	0	0	38	0	0
7	39	0	0	37	0	0
8	33	0	0	38	0	0
9	35	0	0	33	0	1
10	19	0	0	30	0	0
11	4	0	0	26	0	1
12	8	0	25	1	0	6
13	11	0	48	17	0	4
14	11	0	50	15	0	4
15	13	0	47	15	0	0
16	14	28	40	28	0	0
17	14	14	23	21	0	0
18	13	12	20	14	0	0
19	9	11	17	27	0	0
20	10	14	22	31	0	0
21	10	16	25	0	0	0
22	9	17	24	0	0	0
23	7	10	26	0	0	0
24	6	34	27	0	0	0
25	4	47	25	0	0	0
26	0	0	28	0	0	0
27	0	0	31	0	0	0
28	0	0	31	0	0	0
29	0	0	36	0	0	0
30	0	0	42	11	0	0
31	0	0	19	0	0	0
Mean	16	7	20	19	3	0
Max.	43	47	50	44	26	5
Min.	0	0	0	0	0	0
A.F.	1000	400	1170	1170	200	30
Water diverted						
3970 A.F.			Acreeage reported			
			D-785			2549
			D-795			339
			A-1154			30
			Total			2918

DAILY DIVERSIONS OF CANALS—1950

BOX BUTTE RESERVOIR from Niobrara River
Storage in Acre-feet—Sec. 28-29-49 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1			16100									11000
2		14600								24400		10970
3									31250			
4										24250		10850
5	13400					23990			30800			
6								29800		23300		10300
7							26900		30250			
8			16600					30000				
9		15000				24200			29250	23200		9900
10											15000	
11									28950			9610
12	13700						27850		28600	22400		9600
13									28400		14200	8590
14									28200			8575
15			17300						27750			9605
16		15200						30750	27250			9650
17												9750
18									27050		13000	
19	14000								26700			
20									26600		12500	
21			17600			25402		30900			12300	
22												
23		15400				25950					11900	
24												
25	14100											
26												
27					23410							
28		15500				26000						
29												
30												10300
31								31150				

BRADY CANAL from Lodgepole Creek
Measured through section of canal—
Sec. 23-15-54 W.

Day	May	June	July	Aug.	Sept.
1	1	0	0	0	0
2	1	0	0	0	0
3	1	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	1	0	0	0	0
7	1	0	0	0	0
8	5	0	0	0	0
9	4	0	0	0	0
10	4	0	0	0	0
11	4	0	0	0	0
12	1	0	0	0	0
13	1	0	0	0	0
14	2	0	0	0	0
15	2	0	0	0	0
16	1	0	0	0	0
17	1	0	0	0	0
18	1	0	0	0	0
19	1	0	0	0	0
20	1	0	0	0	0
21	0	0	0	0	0
22	1	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	1	0	0	0	0
Max.	5	0	0	0	0
Min.	0	0	0	0	0
A.F.	70	0	0	0	0
Water diverted			Acreage reported		
	70 A.F.		D-352	50	

BROWNS CREEK CANAL from North
Platte River and Pathfinder Reservoir
Measured through Parshall flume—
Sec. 29-20-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	37	22	5	32	20	13
2	38	25	11	34	21	11
3	37	26	12	36	28	14
4	32	25	18	40	46	23
5	32	24	20	48	48	32
6	32	23	32	55	55	40
7	33	24	39	48	47	42
8	33	22	35	47	43	45
9	33	21	29	47	43	50
10	32	22	21	50	48	54
11	24	25	20	40	45	13
12	24	23	16	47	46	15
13	27	20	13	48	49	15
14	29	19	14	43	48	16
15	31	22	14	43	46	19
16	29	24	16	36	47	19
17	29	18	18	6	47	18
18	29	13	28	0	48	13
19	29	9	34	6	46	12
20	28	10	28	28	44	13
21	27	22	34	20	47	12
22	6	41	40	21	42	8
23	5	35	50	17	39	11
24	6	18	57	18	40	11
25	11	26	56	21	24	10
26	11	40	54	27	44	11
27	11	45	49	27	0	10
28	13	39	42	18	44	13
29	15	26	38	16	34	14
30	14	20	34	15	34	14
31	14	21	14	14	14	
Mean	24	24	29	31	40	20
Max.	38	45	57	55	55	54
Min.	5	9	5	0	0	8
A.F.	1490	1490	1740	1880	2430	1170
Water diverted						
	10200 A.F.				D-857, 1033	6112

CASTLE ROCK CANAL
From North Platte River
Measured through rating flume—
Sec. 3-21-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	72	0	65	80	84	76
2	70	0	58	82	84	78
3	63	0	67	82	80	
4	61	0	70	85	80	78
5	61	0	72	85	82	78
6	59	0	83	86	83	78
7	62	0	95	83	79	83
8	64	0	97	82	80	78
9	42	14	91	84	83	80
10	9	35	86	84	84	80
11	0	34	90	84	81	76
12	0	25	94	82	82	70
13	0	28	96	83	82	63
14	0	32	100	82	80	64
15	0	46	98	84	80	66
16	0	56	86	84	81	63
17	0	70	79	85	81	70
18	0	78	88	88	76	64
19	0	76	97	82	80	54
20	0	82	88	82	82	58
21	0	81	80	82	78	50
22	0	89	80	82	72	62
23	0	84	84	79	73	84
24	0	81	81	80	72	62
25	0	92	80	80	76	59
26	0	96	78	80	91	56
27	0	82	78	77	78	52
28	0	82	80	80	74	54
29	0	78	76	82	77	60
30	0	76	75	85	76	66
31	0	80	..	86	74	..
Mean	18	48	83	83	80	67
Max.	72	96	100	88	84	80
Min.	0	0	58	77	72	52
A.F.	1120	2970	4940	5090	4890	4010
Water diverted	23020 A.F.		Acreage reported			
			D-921 5924			
			A-186R 139			
			Total 6063			

CENTRAL CANAL from North Platte
River and Pathfinder Reservoir
Measured through rating flume—
Sec. 27-22-55 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	24	14	22
2	0	17	0	23	16	25
3	0	17	0	20	16	25
4	0	20	0	17	21	26
5	0	6	11	17	22	27
6	0	0	17	14	25	27
7	0	0	18	18	28	26
8	0	0	18	17	28	22
9	0	0	21	14	26	19
10	0	0	22	20	25	17
11	0	0	22	24	25	15
12	0	0	22	24	24	17
13	0	0	22	22	22	17
14	0	0	23	23	24	15
15	0	11	23	24	27	17
16	0	21	24	25	30	0
17	0	21	20	28	31	0
18	0	23	12	25	30	0
19	0	25	10	25	28	0
20	0	21	9	23	25	0
21	0	19	16	20	24	0
22	0	19	16	18	24	0
23	0	20	17	16	24	0
24	0	18	18	16	24	0
25	0	7	17	17	23	0
26	0	0	17	17	22	0
27	0	0	17	15	16	0
28	0	0	24	12	15	0
29	0	0	28	19	17	0
30	0	0	26	17	16	0
31	0	0	..	15	19	..
Mean	0	8	17	20	23	11
Max.	0	25	28	26	31	27
Min.	0	0	0	14	14	0
A.F.	0	506	972	1200	1410	629
Water diverted	4720 A.F.		Acreage reported			
			D-926 2092			

CHIMNEY ROCK CANAL from North
Platte River and Pathfinder Reservoir
Measured through rating flume—
Sec. 1-20-53 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	28	0	26	70	49	48
2	26	0	20	82	51	36
3	24	0	28	82	56	30
4	24	0	30	91	50	53
5	22	0	32	94	46	55
6	21	0	37	74	46	53
7	21	0	47	76	41	52
8	21	0	39	68	47	60
9	19	0	58	55	62	37
10	15	0	58	46	64	6
11	17	0	60	52	61	7
12	19	21	63	49	61	9
13	21	28	57	64	59	11
14	23	21	53	35	57	11
15	17	23	48	34	55	13
16	11	22	34	50	47	15
17	0	37	41	69	50	21
18	0	36	58	66	49	24
19	0	22	51	61	48	24
20	0	19	43	65	52	23
21	0	22	43	58	58	8
22	0	43	45	30	61	11
23	0	61	49	42	61	11
24	0	56	52	38	63	11
25	0	56	52	32	69	11
26	0	53	73	28	43	37
27	0	19	68	32	38	38
28	0	17	61	28	19	8
29	0	18	62	33	14	14
30	0	16	68	32	40	10
31	0	28	44	44	55	..
Mean	11	20	49	54	51	25
Max.	28	61	73	94	69	55
Min.	0	0	20	28	14	6
A.F.	650	1230	2890	3330	3120	1480
Water diverted	12700 A.F.		Acreage reported			
			D-844, 1031 5380			

CIRCLE ARROW CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 30-15-54 W.

Day	May	June	July	Aug.	Sept.
1	4	4	2	0	1
2	4	4	2	0	1
3	4	3	2	0	1
4	3	3	2	0	2
5	4	3	2	0	2
6	4	3	2	0	2
7	4	3	2	0	2
8	0	3	2	0	2
9	0	3	2	0	2
10	0	3	3	0	2
11	0	3	3	0	3
12	5	3	3	0	4
13	5	3	3	0	4
14	6	3	2	0	4
15	6	3	2	0	4
16	4	3	2	1	4
17	4	3	1	1	4
18	4	3	1	1	4
19	6	3	1	1	4
20	4	3	1	1	3
21	3	3	1	1	3
22	4	3	2	1	4
23	4	3	2	2	3
24	3	2	0	2	3
25	3	2	0	2	3
26	4	2	0	2	3
27	4	2	0	1	3
28	4	2	0	2	3
29	3	2	0	1	3
30	3	2	0	1	3
31	3	..	..	..	..
Mean	3	3	1	1	3
Max.	6	4	3	2	4
Min.	0	2	0	0	1
A.F.	220	170	90	40	170
Water diverted	690 A.F.		Acreage reported		
			D-346 220		

COURT HOUSE ROCK CANAL
From Pumpkinseed Creek
Measured through rating flume—
Sec. 30-19-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	13	0	21	13	13	15
2	12	0	19	13	14	15
3	12	0	17	13	14	14
4	12	0	12	13	12	14
5	12	0	10	14	15	14
6	12	0	10	14	14	14
7	12	0	11	15	14	14
8	12	0	10	15	14	14
9	12	0	10	16	14	16
10	12	0	10	13	15	21
11	12	0	10	12	15	17
12	12	0	10	16	16	17
13	12	0	9	15	16	17
14	12	0	10	14	15	17
15	12	0	10	14	15	18
16	12	0	11	15	14	17
17	12	0	11	15	14	17
18	12	0	12	15	15	17
19	13	0	12	17	15	16
20	13	0	16	16	15	15
21	13	0	16	15	16	14
22	13	0	16	15	16	16
23	13	7	17	14	15	17
24	14	19	12	14	15	13
25	14	23	12	14	16	0
26	14	23	13	14	18	0
27	14	22	13	13	17	0
28	14	23	13	12	17	0
29	14	22	13	12	17	0
30	14	22	13	12	16	0
31	14	21	12	12	16	0
Mean	13	6	13	14	15	13
Max.	14	23	21	17	18	18
Min.	12	0	9	12	12	0
A.F.	780	360	750	860	930	750
Water diverted	4430	A.F.		Acreage reported	D-840, 1028	1471

COZAD CANAL from Platte River
Measured through section of canal—
Sec. 16-11-25 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	17	48	130	102
2	0	0	17	49	148	96
3	0	0	8	53	149	87
4	0	0	7	50	155	87
5	0	0	7	49	160	85
6	0	0	9	51	168	71
7	0	0	14	48	178	58
8	0	0	14	49	201	71
9	0	20	21	49	176	77
10	0	24	39	49	194	70
11	0	25	25	54	189	60
12	0	23	30	54	183	51
13	0	28	34	78	162	23
14	0	23	39	99	158	23
15	0	36	32	93	152	26
16	0	17	37	93	160	26
17	0	10	47	89	164	27
18	0	27	49	112	170	24
19	0	39	46	169	142	16
20	0	39	40	157	106	2
21	0	39	40	150	112	2
22	0	39	46	144	109	2
23	0	23	43	124	108	2
24	0	21	39	103	122	2
25	0	16	49	102	138	1
26	0	12	49	94	131	1
27	0	12	45	87	106	1
28	0	10	50	82	104	1
29	0	21	49	83	102	1
30	0	35	53	82	102	1
31	0	21	..	99	100	..
Mean	0	18	33	85	144	37
Max.	0	39	53	169	201	102
Min.	0	0	7	48	100	1
A.F.	0	1120	1970	5240	8880	2180
Water diverted	19390	A.F.		Acreage reported	D-626	25190

CRESCENT LAKE OUTLET
To Blue Creek
Sec. 21-20-44 W.

CRESCENT LAKE
At head of Blue Creek
Contents in Acre-feet—Sec. 21-20-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1
2	4550	.....	.....	.....
3	3690	.....	.....
4	3610	.....
5	3960	.....	.....
6
7	3810	.....	.....	4030	.....	.....
8	3320
9	4590	.....	.....	.....
10
11	3470	.....
12
13
14	3750	.....	.....	3750	.....	.....
15	3320
16	4270	.....	.....	.....
17	3620	.....	.....
18	3470	.....
19
20
21	3890	.....	.....	3610	.....	.....
22	3470
23	4170	.....	.....	.....
24
25	3470	.....
26
27
28	3610	.....	.....	.....	.....	.....
29	3470
30	3610	.....	.....	.....
31	3960	3470	.....

Day	June	July	Aug.	Sept.
1	0	18	0	0
2	0	17	0	0
3	0	16	0	0
4	4	0	0	0
5	8	0	0	0
6	4	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	19	0	0
11	0	19	0	0
12	0	12	0	0
13	0	0	0	0
14	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	8	0	0	0
30	19	0	0	0
31	0	0	0	0
Mean	1	3	0	0
Max.	19	19	0	0
Min.	0	0	0	0
A.F.	90	200	0	0
Water diverted	290	A. F.		

DAILY DIVERSIONS OF CANALS—1950

CULBERTSON CANAL from Frenchman River
Measured through rating flume—Sec. 31-5-33 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	84	0	100	90	103	67	90
2	83	0	100	93	95	67	86
3	84	92	100	90	90	66	84
4	85	94	100	90	99	70	78
5	86	90	100	86	101	74	78
6	84	83	100	87	96	75	77
7	83	96	100	87	99	83	72
8	78	84	100	95	106	87	75
9	77	92	100	94	104	89	83
10	75	96	100	95	118	89	84
11	72	96	101	99	98	98	85
12	76	96	100	82	87	102	84
13	77	96	95	96	76	100	82
14	74	96	93	92	73	89	80
15	73	96	93	89	80	90	80
16	69	96	90	93	84	89	82
17	71	96	93	107	84	86	81
18	70	96	80	107	94	81	78
19	70	96	78	110	96	83	78
20	69	96	80	110	97	87	78
21	71	96	78	105	95	87	85
22	70	96	86	106	92	93	87
23	71	96	100	117	93	92	83
24	67	96	101	115	82	89	83
25	63	96	105	97	73	87	80
26	63	96	109	92	67	93	84
27	64	96	108	97	72	99	83
28	67	96	112	100	67	98	91
29	68	96	105	106	67	93	98
30	62	96	105	107	70	87	102
31	56	...	95	...	73	89	...
Mean	73	88	97	98	88	86	83
Max.	86	96	112	117	118	102	102
Min.	56	0	78	82	67	66	72
A.F.	4490	5250	5980	5820	5430	5310	4940
Water diverted	37220 A.F.						
					Acreege reported		
					D-24, 25, 29 & 30	8927	

ELM CREEK CANAL from Platte River and Sutherland Reservoir

Measured through rating flume—Sec. 6-8-19 W.							
Day	Oct.	May	June	July	Aug.	Sept.	
1	13	0	8	6	22	15	
2	13	0	5	10	20	14	
3	13	0	4	6	20	15	
4	0	1	3	5	20	14	
5	0	1	2	4	20	14	
6	0	0	1	9	20	14	
7	0	0	1	26	20	14	
8	0	1	7	26	20	21	
9	0	12	13	28	20	19	
10	0	9	16	28	20	20	
11	0	6	22	28	20	20	
12	0	4	23	31	18	20	
13	0	4	23	30	20	21	
14	0	3	24	24	22	22	
15	0	4	22	20	26	23	
16	0	6	22	18	32	18	
17	0	5	22	18	36	2	
18	0	5	26	20	36	0	
19	0	9	27	26	46	0	
20	0	10	28	28	52	0	
21	0	12	29	54	42	0	
22	0	11	31	30	32	1	
23	0	8	32	19	27	1	
24	0	0	31	14	28	3	
25	0	0	26	8	28	10	
26	0	3	22	5	28	13	
27	0	4	22	3	28	8	
28	0	9	20	5	25	6	
29	0	12	8	9	25	7	
30	0	10	1	15	24	0	
31	0	8	...	16	17	...	
Mean	1	5	17	18	26	11	
Max.	13	12	32	54	52	23	
Min.	0	0	1	3	17	0	
A.F.	80	310	1030	1130	1610	660	
Water diverted	4820 A.F.						
					Acreege reported		
					A-2093R	68	
					A-2104	15893	
					Total	15961	

DAWSON COUNTY CANAL from Platte River and Sutherland Reservoir
Measured through section of canal—Sec. 18-10-23 W.

Day	May	June	July	Aug.	Sept.
1	0	116	183	265	205
2	0	94	174	256	181
3	0	95	200	244	172
4	0	118	201	249	176
5	0	120	202	286	176
6	0	121	202	311	198
7	0	112	214	314	169
8	0	117	205	280	158
9	0	116	205	326	156
10	0	118	191	337	172
11	0	127	191	349	167
12	0	139	204	357	166
13	0	126	195	355	162
14	0	152	165	302	142
15	0	160	173	333	136
16	30	162	191	310	125
17	46	184	228	334	121
18	53	162	260	369	126
19	68	113	299	363	140
20	81	167	322	275	139
21	75	159	287	235	120
22	60	158	287	349	108
23	41	149	299	339	106
24	57	120	299	345	109
25	45	108	250	318	128
26	84	148	265	322	129
27	120	186	242	311	132
28	126	188	205	275	134
29	126	180	169	282	142
30	114	184	222	265	142
31	120	...	272	268	...
Mean	40	140	226	307	143
Max.	126	188	322	369	205
Min.	0	94	165	235	106
A.F.	2470	8330	13890	18890	8800
Water diverted	52380 A.F.				
				Acreege reported	
				D-621	520
				D-622	64520
				D-624	3040
				A-2039	5113
				A-2093	213
				A-2110	18286
				A-2145	985
				A-2262	890
				Total	93567

ELMORE (KILPATRICK) RESERVOIR from Snake Creek
Storage in Acre-feet—Sec. 6-24-51 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1
2	802	...	...	...
3	760	797	...	...	...	...
4
5
6	719	...	...	...	...	...	...	...
7
8
9	681	...	...	...	...	...	...
10
11
12
13
14
15
16
17
18
19
20	308	...	...	...	...	...	...	...	...
21	540	...	...
22	790	...	...	390
23
24
25
26	476	...
27
28
29
30
31

EMPIRE CANAL
From North Platte River
Measured in section of canal—
Sec. 19-20-51 W.

Day	May	June	July	Aug.	Sept.
1	0	1	22	12	8
2	0	1	22	12	8
3	0	1	22	12	8
4	0	1	22	12	8
5	0	1	22	12	8
6	0	1	22	12	8
7	0	1	22	12	8
8	0	1	22	12	8
9	0	1	22	12	8
10	0	1	22	12	8
11	0	1	22	12	8
12	0	1	12	12	8
13	0	1	12	12	8
14	0	1	12	12	8
15	0	1	12	12	8
16	0	1	12	8	8
17	0	1	12	8	8
18	0	1	12	8	8
19	0	12	12	8	8
20	1	12	12	8	8
21	1	12	12	8	8
22	1	12	12	8	8
23	1	12	12	8	8
24	1	12	12	8	8
25	1	12	12	8	8
26	1	12	12	8	8
27	1	12	12	8	8
28	1	12	12	8	8
29	1	22	12	8	8
30	1	22	12	8	8
31	1	...	12	8	...
Mean	0	6	16	10	8
Max.	1	22	22	12	8
Min.	0	1	12	8	8
A.F.	20	360	960	610	480
Water diverted					
2430 A.F.					
			Acres reported		
			D-858	1429	
			A-866	75	
			Total	1504	

ENTERPRISE CANAL
From North Platte River
Measured through rating flume—
Sec. 27-33-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	18	31	0	58	38	46
2	23	32	0	54	40	46
3	22	32	0	54	38	46
4	24	32	0	49	37	45
5	20	32	0	52	34	45
6	18	34	0	43	27	48
7	18	29	0	40	37	47
8	16	31	0	40	37	44
9	14	30	0	40	36	46
10	8	31	0	40	36	44
11	2	29	0	40	38	38
12	0	30	0	38	48	32
13	0	29	9	38	47	32
14	0	26	38	40	49	29
15	0	29	38	36	47	30
16	0	28	73	38	46	32
17	0	18	77	38	42	22
18	0	23	73	37	44	24
19	0	32	64	35	44	28
20	0	48	51	36	44	27
21	0	51	42	38	46	22
22	0	52	46	37	48	22
23	0	55	47	36	47	22
24	0	55	48	35	48	20
25	0	57	44	33	52	12
26	0	46	43	36	51	20
27	0	53	44	38	46	28
28	0	59	51	40	46	28
29	0	51	55	36	51	30
30	0	3	58	36	49	30
31	0	0	...	36	47	...
Mean	6	35	30	40	43	33
Max.	24	59	77	58	52	47
Min.	0	0	0	35	34	12
A.F.	360	2160	1790	2470	2660	1950
Water diverted						
			11390	A. F.		

DAILY DIVERSIONS OF CANALS—1950

ENTERPRISE CANAL
From Wet Spotted Tail Creek
Measured in channel of stream—
Sec. 22-23-56 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	14	8	13	9	15	14
2	14	8	13	9	14	14
3	14	8	12	10	14	13
4	14	8	12	11	13	12
5	14	8	12	12	12	12
6	14	8	11	12	12	12
7	14	10	11	12	11	12
8	14	10	11	12	10	12
9	14	10	10	12	10	12
10	14	10	10	12	10	12
11	14	10	10	12	10	12
12	14	10	9	12	10	12
13	14	10	9	12	10	12
14	14	10	9	12	10	12
15	0	10	9	12	10	13
16	0	10	9	12	10	13
17	0	10	9	12	10	13
18	0	10	9	14	10	13
19	0	10	9	14	10	13
20	0	10	9	14	10	13
21	0	10	9	14	10	12
22	0	10	9	14	10	12
23	0	10	9	14	10	12
24	0	10	9	14	10	11
25	0	13	9	14	15	11
26	0	13	9	14	15	11
27	0	13	9	14	15	11
28	0	13	9	14	15	11
29	0	13	9	15	15	11
30	0	13	9	15	15	11
31	0	13	.	15	15	.
Mean	6	10	10	13	12	12
Max.	14	13	13	15	15	14
Min.	0	8	9	9	10	11
A.F.	390	630	590	780	730	720
Water diverted 3840 A.F.						

ENTERPRISE CANAL
From Morrill Drain
Measured in channel of drain—
Sec. 14-23-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	3	1	2	3	4	3
2	3	1	2	3	4	3
3	3	1	2	3	4	3
4	3	1	2	3	4	3
5	3	1	2	3	4	3
6	3	1	2	3	4	3
7	10	1	2	3	4	3
8	8	1	2	3	4	3
9	6	1	2	3	4	4
10	4	1	2	3	4	4
11	3	1	2	3	4	4
12	3	1	2	3	4	4
13	3	1	2	3	4	4
14	3	1	3	3	4	4
15	0	1	3	3	4	4
16	0	1	3	3	4	4
17	0	1	3	3	4	4
18	0	1	3	5	4	4
19	0	1	3	5	4	4
20	0	1	3	8	4	4
21	0	1	3	9	4	4
22	0	1	3	10	4	4
23	0	1	3	10	4	4
24	0	2	3	10	4	4
25	0	2	3	9	4	4
26	0	2	3	8	4	4
27	0	2	3	7	4	4
28	0	2	3	6	3	4
29	0	2	3	5	3	4
30	0	2	3	4	3	4
31	0	2	3	5	4	4
Mean	2	1	3	3	4	4
Max.	10	2	3	10	4	4
Min.	0	1	2	3	3	3
A.F.	120	80	150	310	240	220
Water diverted 1120 A.F.						

ENTERPRISE CANAL
From Stewart Drain
Measured in channel of drain—
Sec. 13-23-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	0	0	0	0
Mean	0	0	0	0	0	0
Max.	0	0	0	0	0	0
Min.	0	0	0	0	0	0
A.F.	0	0	0	0	0	0
Water diverted 0 A.F.						

ENTERPRISE CANAL
From Tub Springs
Difference between stations upstream
and downstream from canal—
Sec. 32-23-55 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	24	0	29	27	42	58
2	25	0	29	23	42	37
3	14	0	28	32	42	32
4	0	0	28	17	38	34
5	0	0	27	14	39	34
6	0	2	27	10	36	34
7	0	0	27	21	39	34
8	0	0	27	29	37	34
9	0	0	27	31	38	40
10	0	0	28	31	38	12
11	0	0	27	31	37	8
12	0	0	27	31	36	0
13	0	0	27	30	35	0
14	0	0	30	30	34	0
15	0	10	31	30	34	0
16	0	32	29	31	33	0
17	0	34	7	31	34	0
18	0	32	0	35	34	0
19	0	30	11	25	37	0
20	0	24	11	35	35	0
21	0	8	12	17	35	0
22	0	17	13	9	37	0
23	0	20	5	0	36	0
24	0	20	0	0	36	0
25	0	0	4	0	50	0
26	0	17	26	0	34	0
27	0	14	33	0	40	0
28	0	0	34	0	44	0
29	0	0	33	26	38	0
30	0	18	33	28	31	0
31	0	30	33	33	63	...
Mean	2	10	22	21	38	12
Max.	25	34	34	35	63	58
Min.	0	0	0	0	31	0
A.F.	120	610	1330	1300	2350	710
Water diverted 6420 A.F.						

DAILY DIVERSIONS OF CANALS—1950

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ENTERPRISE CANAL
Summary in Acre-feet—1950

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	360	2160	1790	2470	2660	1950	11390
Wet Spotted Tail.....	390	630	590	780	730	720	3840
Morrill Drain.....	120	80	150	310	240	220	1120
Stewarts Drain.....	0	0	0	0	0	0	0
Tub Springs.....	120	610	1330	1300	2350	710	6420
Totals.....	990	3430	3860	4860	5980	3600	22770
Water diverted 22770 A.F.					Acreage reported D-920		6534

FORSLING-KINNEY CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 33-15-56 W.

Day	May	June	July	Aug.	Sept.
1	2	2	2	0	1
2	2	2	2	0	1
3	1	2	2	2	1
4	1	2	2	0	1
5	1	2	2	2	1
6	1	2	2	1	1
7	0	0	2	1	1
8	0	1	2	1	1
9	0	0	2	6	1
10	0	0	2	2	1
11	0	1	1	2	1
12	0	0	1	2	1
13	0	0	0	2	1
14	0	1	0	2	1
15	0	2	1	2	1
16	4	1	1	1	0
17	4	3	1	1	0
18	4	2	1	1	0
19	3	2	1	1	0
20	3	2	1	1	0
21	2	2	1	1	0
22	1	2	2	1	0
23	1	3	1	1	0
24	0	3	2	1	0
25	0	3	0	1	0
26	0	3	0	1	0
27	0	3	0	1	0
28	3	3	0	1	0
29	2	3	0	1	0
30	2	3	0	1	0
31	2	0	0	1	1
Mean	1	2	1	1	1
Max.	4	3	2	6	1
Min.	0	0	0	0	0
A.F.	80	110	70	80	30
Water diverted	370 A. F.		Acreage reported D-348		182
			A-718		54
			Total		236

FORT LARAMIE CANAL from North
Platte River and Pathfinder Reservoir
Measured through Parshall flume—
Sec. 11-26-65 W., Wyoming

Day	May	June	July	Aug.	Sept.
1	0	0	1443	1410	1500
2	0	78	1450	1480	1500
3	0	510	1450	1500	1500
4	0	801	1450	1510	1500
5	0	902	1450	1500	1500
6	0	918	1380	1510	1500
7	0	936	1310	1510	1500
8	0	1040	1310	1510	1500
9	0	1050	1300	1510	1500
10	0	1050	1310	1500	1480
11	0	1150	1400	1500	1430
12	0	1280	1420	1510	1350
13	0	1470	1450	1500	1270
14	0	1480	1450	1500	1260
15	0	1490	1460	1510	1170
16	254	1480	1460	1510	1080
17	273	1490	1470	1500	928
18	468	1460	1500	1510	806
19	579	1440	1500	1510	776
20	581	1400	1500	1500	728
21	587	1290	1500	1500	598
22	750	1231	1500	1500	439
23	782	1154	1400	1510	300
24	942	1154	1350	1510	140
25	1017	1142	1320	1510	39
26	1034	1153	1300	1500	0
27	952	1163	1310	1500	0
28	886	1233	1300	1500	0
29	918	1324	1300	1510	0
30	664	1350	1320	1500	0
31	287	1370	1370	1500	0
Mean	354	1121	1401	1501	910
Max.	1034	1490	1500	1510	1500
Min.	0	0	1300	1410	0
A.F.	21770	66680	86150	92290	54140
Water diverted	321030 A.F.		Acreage reported A-768 Nebr.		53500
			Wyo.		50210
			Total		103710

GOTHENBURG POWER RETURN to Platte River
Measured through section of canal—Sec. 9-11-25 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62	158	117	112	72	123	125	127	73	125	121	75
2	80	158	139	110	68	104	127	123	39	120	115	75
3	78	134	142	35	71	104	125	119	17	142	112	88
4	135	145	106	18	58	127	140	110	18	133	110	101
5	26	138	94	14	59	124	96	123	16	129	117	94
6	3	128	107	28	70	135	142	129	16	145	125	37
7	86	117	113	78	91	58	122	124	15	139	118	51
8	38	166	48	31	90	13	131	123	14	133	115	66
9	99	176	20	77	110	60	153	94	30	132	113	106
10	106	189	74	60	109	48	152	120	63	125	108	128
11	140	158	65	94	100	12	116	128	69	131	108	123
12	148	157	16	85	90	11	127	133	69	134	127	122
13	139	156	50	86	72	10	125	126	72	118	115	135
14	131	156	87	108	65	19	138	126	90	118	133	123
15	138	155	113	55	89	17	106	115	75	115	139	139
16	121	154	139	42	112	22	146	58	85	110	139	123
17	141	154	143	72	111	28	143	48	144	106	134	117
18	145	159	111	58	113	17	117	115	139	122	134	73
19	130	145	117	46	115	10	121	126	136	132	138	12
20	106	123	119	52	107	67	111	126	147	115	101	4
21	135	104	90	63	107	70	118	133	109	114	124	4
22	134	90	159	94	69	98	115	125	102	115	147	4
23	132	82	94	112	118	128	104	56	80	107	135	3
24	130	102	106	100	111	129	105	38	34	92	152	2
25	174	99	88	54	120	116	107	14	73	100	155	2
26	167	102	63	37	127	146	107	14	119	108	136	2
27	146	100	85	65	123	151	101	15	112	103	151	2
28	176	98	111	70	99	115	104	16	123	88	143	2
29	163	99	110	86	..	117	123	66	114	88	105	1
30	153	102	111	80	..	125	161	94	142	113	79	1
31	174	..	113	67	..	135	..	89	..	120	79	..
Mean	121	133	98	67	94	79	124	95	78	118	123	60
Max.	176	189	159	112	127	151	161	133	147	145	155	139
Min.	3	82	16	14	58	10	96	34	14	88	79	1
A.F.	7410	7940	6050	4140	5250	4840	7350	5860	4630	7280	7590	3600
Water diverted 71940 A.F.												

GOTHENBURG CANAL (IRRIGATION)
From Platte River
Measured through Parshall flume—
Sec. 19-12-26 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	130	0	28	86	235	124
2	75	0	49	95	242	124
3	68	0	63	70	249	156
4	0	0	57	81	256	147
5	0	0	54	89	242	111
6	0	0	45	67	225	107
7	0	0	70	63	242	139
8	0	0	74	85	240	154
9	0	0	87	77	224	144
10	0	0	58	74	238	130
11	0	0	84	78	242	110
12	0	0	82	79	219	153
13	0	0	89	115	242	90
14	0	0	85	133	225	125
15	0	34	102	157	214	98
16	0	96	131	194	203	95
17	0	92	82	219	233	117
18	0	33	85	247	226	22
19	0	13	42	236	191	0
20	0	13	0	255	170	0
21	0	0	23	212	235	0
22	0	0	22	255	201	0
23	0	20	29	235	225	0
24	0	28	107	237	225	0
25	0	45	120	256	231	0
26	0	64	93	236	200	0
27	0	85	93	200	196	0
28	0	135	78	208	161	0
29	0	101	97	239	131	0
30	0	61	61	244	119	0
31	0	28	..	234	100	..
Mean	9	27	69	163	212	72
Max.	130	135	131	256	256	156
Min.	0	0	0	67	100	0
A.F.	540	1680	4130	10040	13060	4260
Water diverted 33710 A.F.						
Acreage reported						
D-645 (a) 820						
D-646 (b) 17000						
A-3716 4495						
Total 22315						

GRAF CANAL from Blue Creek and
Crescent Lake—A-1575
Measured through Parshall flume—
Sec. 19-16-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	14	0	19	6	0	0
2	16	0	18	8	0	0
3	14	0	19	21	9	0
4	14	0	20	26	7	0
5	14	0	26	22	0	0
6	14	0	28	12	0	0
7	14	0	28	4	0	0
8	16	0	30	17	0	7
9	15	0	30	13	0	17
10	8	0	26	23	0	17
11	1	0	22	20	0	13
12	0	0	8	0	0	10
13	0	0	1	0	0	12
14	0	0	0	0	0	12
15	0	0	8	0	0	5
16	0	0	17	0	0	0
17	0	0	12	0	0	0
18	0	0	12	16	0	0
19	0	0	12	17	0	0
20	0	0	12	4	0	0
21	0	0	9	0	0	0
22	0	0	8	0	0	0
23	0	0	11	0	0	0
24	0	0	14	4	0	0
25	0	15	17	1	0	0
26	0	4	12	1	0	0
27	0	1	3	0	0	0
28	0	4	13	0	0	1
29	0	4	16	0	0	1
30	0	4	9	0	0	1
31	0	23	..	0	0	..
Mean	4	2	15	7	1	3
Max.	16	23	30	26	9	17
Min.	0	0	0	0	0	0
A.F.	280	110	910	450	30	190
Water diverted 1970 A.F.						
Acreage reported						
D-763R 85						
D-781R 15						
D-788 1989						
Total 2089						

DAILY DIVERSIONS OF CANALS—1950

HAIGLER CANAL From Republican River Measured through section of canal— Sec. 2-1-43 W.						
Day	Oct.	May	June	July	Aug.	Sept.
1	42	51	44	43	8	22
2	42	51	43	47	21	23
3	42	45	47	48	23	22
4	30	48	47	47	17	23
5	26	49	47	50	16	23
6	30	45	37	50	17	47
7	0	37	45	49	27	46
8	0	16	40	40	32	46
9	0	14	40	44	17	46
10	0	27	40	44	23	43
11	0	25	0	43	10	42
12	0	26	43	34	9	42
13	0	28	44	34	6	52
14	0	29	41	33	0	0
15	0	32	41	38	0	0
16	0	23	43	40	0	0
17	0	29	30	38	0	0
18	0	30	40	43	13	0
19	0	22	40	46	14	18
20	0	32	40	47	12	17
21	0	31	43	48	11	17
22	0	30	47	41	20	17
23	0	31	47	0	24	17
24	0	43	46	45	28	17
25	0	46	33	31	24	17
26	0	39	38	35	0	17
27	0	50	38	39	0	17
28	0	25	38	44	0	17
29	0	45	49	45	0	17
30	0	44	49	40	0	17
31	0	44	..	6	0	..
Mean	7	35	41	40	12	23
Max.	42	51	49	50	28	52
Min.	0	14	0	0	0	0
A.F.	420	2160	2420	2440	740	1350
Water diverted	Acreage reported					
9530 A.F.	D-1025 (Neb.) 2030					
	(Colo.) 1050					
	Total 3080					

HOOPER CANAL from Blue Creek and Crescent Lake Measured through rating flume— Sec. 6-16-42 W.						
Day	Oct.	May	June	July	Aug.	Sept.
1	15	0	11	14	1	0
2	15	0	11	14	1	0
3	15	0	12	10	1	0
4	15	0	13	8	3	0
5	15	0	13	10	6	0
6	15	0	13	12	0	0
7	15	0	13	13	0	0
8	15	0	12	11	0	0
9	14	0	15	14	0	0
10	14	0	13	13	0	0
11	14	0	16	12	0	0
12	14	11	13	7	0	0
13	14	12	8	11	0	0
14	0	13	12	14	0	0
15	0	10	13	13	0	0
16	0	10	17	13	0	0
17	0	10	17	16	0	0
18	0	10	14	14	2	0
19	0	10	14	12	4	0
20	0	9	13	11	4	0
21	0	9	16	9	3	0
22	0	7	18	13	3	0
23	0	13	18	3	3	0
24	0	16	16	0	3	0
25	0	9	16	0	6	0
26	0	6	16	0	5	0
27	0	13	17	0	0	0
28	0	11	17	0	0	0
29	0	11	13	0	0	0
30	0	11	13	1	0	0
31	0	10	..	1	0	0
Mean	6	7	14	7	1	0
Max.	15	16	18	16	6	0
Min.	0	0	8	0	0	0
A.F.	380	420	840	410	90	0
Water diverted	Acreage Reported					
2140 A.F.	D-781 858					
	D-788 R 19					
	Total 877					

HURLY-LILLY-POLLY CANAL from Lodgepole Creek Measured through rating flume— Sec. 26-15-56 W.					
Day	May	June	July	Aug.	Sept.
1	3	0	4	2	1
2	3	0	4	2	2
3	3	0	4	0	2
4	3	0	3	0	2
5	3	0	3	2	2
6	3	0	3	2	2
7	3	0	4	2	2
8	0	1	4	2	2
9	0	2	4	2	2
10	0	2	3	2	1
11	0	2	3	1	1
12	2	2	3	1	5
13	3	2	2	1	5
14	3	2	2	1	4
15	3	3	2	2	4
16	3	3	0	2	0
17	3	5	1	2	0
18	3	7	2	2	0
19	2	4	2	2	0
20	2	0	2	2	0
21	1	0	3	2	0
22	2	0	4	2	0
23	2	6	4	2	0
24	2	4	4	2	0
25	3	4	4	3	0
26	3	4	4	3	0
27	2	2	4	3	0
28	0	4	3	3	0
29	0	4	3	3	0
30	0	4	3	2	0
31	0	..	3	1	0
Mean	2	..	3	2	1
Max.	7	..	4	3	5
Min.	0	0	0	0	0
A.F.	130	130	190	110	70
Water diverted	Acreage reported				
630 A.F.	D-354 180				

DAILY DIVERSIONS OF CANALS—1950

INTERSTATE CANAL from North Platte River and Pathfinder Reservoir

Measured through rating flume—Sec. 11-26-65, Wyoming

Day	Oct.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1010	0	777	1050	1140	2100	2100	2030
2	1010	0	708	1040	1140	2100	2120	2010
3	1000	0	713	1050	1140	2100	2130	2000
4	1000	0	717	1040	998	2100	2130	2060
5	1010	0	715	1030	998	2100	2120	2050
6	1010	0	722	905	1070	2100	2120	2000
7	1000	0	708	833	1170	2110	2120	2000
8	994	0	701	715	1260	2110	2120	1980
9	1000	0	701	456	1370	2110	2120	1930
10	823	0	698	336	1540	2110	2120	1870
11	558	0	698	330	1620	2110	2120	1770
12	144	0	705	371	1770	2120	2120	1670
13	0	0	698	580	1890	2120	1960	1460
14	0	0	693	715	1950	2120	691	1420
15	0	0	689	739	1970	2120	192	1370
16	0	0	696	825	1960	2120	1380	1270
17	0	0	689	1030	1960	2110	1950	1200
18	0	0	732	1210	1960	2120	2120	1130
19	0	0	862	1210	1960	2120	2110	1130
20	0	0	884	1220	1860	2120	2120	1130
21	0	218	884	1260	1860	2120	2120	1130
22	0	496	942	1420	1910	2120	2120	1120
23	0	691	1040	1600	1910	2110	2120	1120
24	0	863	1040	1670	1910	2080	2110	1060
25	0	916	1040	1620	1960	2060	2110	1000
26	0	914	1050	1440	2020	1960	2110	1020
27	0	914	1040	1350	2070	1870	2090	1020
28	0	900	1040	1180	2100	1920	2090	1010
29	0	889	995	1180	2100	1920	2090	998
30	0	884	1020	1130	2100	1930	2090	986
31	0	884	1140	1140	2080	2090	2090	986
Mean	341	549	819	1022	1689	2146	1971	1465
Max.	1010	916	1040	1670	2100	2120	2130	2060
Min.	0	0	689	330	998	1870	192	986
A.F.	20940	17010	48750	62830	100490	127680	121220	87160
Water diverted	586080	A.F.						
						Acreage reported		
						Nebr. A-768	111440	
						Wyoming	16100	
						Total	127540	

KEARNEY CANAL from Platte River
Measured through section of canal—Sec. 33-9-17 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	243	340	293	0	0	0	0	10	9	43	113	313
2	269	334	300	0	0	0	0	6	2	44	30	307
3	192	334	307	0	0	0	0	4	1	40	46	304
4	315	226	300	0	0	0	0	6	1	36	40	264
5	361	0	269	0	0	0	0	8	34	43	31	277
6	365	0	222	0	0	0	0	8	28	40	33	312
7	351	0	37	0	0	0	0	11	12	38	40	280
8	311	0	30	0	0	0	0	10	0	49	37	299
9	401	0	39	0	0	0	0	15	0	51	64	340
10	285	0	14	0	0	0	0	16	16	24	97	336
11	376	77	4	0	0	0	0	18	27	47	118	338
12	372	328	4	0	0	0	0	15	56	52	132	152
13	174	320	1	0	0	0	0	10	74	52	146	92
14	147	333	6	0	0	0	0	6	55	49	145	84
15	138	342	2	0	0	0	0	4	73	45	144	156
16	125	337	4	0	0	0	0	3	65	40	114	110
17	117	331	3	0	0	0	0	3	48	28	117	108
18	114	338	0	0	0	0	0	2	43	28	83	25
19	112	340	0	0	0	0	0	1	43	19	159	16
20	116	331	0	0	0	0	0	0	43	30	174	15
21	284	328	0	0	0	0	0	0	39	118	204	16
22	298	362	0	0	0	0	0	2	33	166	179	105
23	300	315	0	0	0	0	0	36	31	188	121	140
24	314	319	0	0	0	0	0	9	30	148	124	205
25	312	302	0	0	0	0	0	10	28	147	147	266
26	303	307	0	0	0	0	0	12	31	166	161	261
27	295	302	0	0	0	0	10	12	52	154	160	257
28	288	248	0	0	0	0	46	63	49	166	174	294
29	316	271	0	0	0	0	38	16	52	152	218	250
30	349	271	0	0	0	0	15	10	51	190	280	299
31	345	0	0	0	0	0	10	10	175	308	308	340
Mean	267	244	60	0	0	0	4	11	34	83	127	207
Max.	401	362	347	0	0	0	46	68	74	190	308	340
Min.	112	0	0	0	0	0	0	0	0	0	30	15
A.F.	16440	14550	3720	0	0	0	220	680	2040	5090	7810	12340
Water diverted	62890	A.F.								Acreage reported		
										D-1023	4207	
										D-1023	Power	
										A-1577	Power	

DAILY DIVERSIONS OF CANALS—1950

KEARNEY POWER RETURN to Platte River
Measured in section of canal—Sec. 35-9-16 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	244	315	272	0	0	0	0	0	0	37	189	287
2	250	291	285	0	0	0	0	0	0	26	7	277
3	188	309	327	0	0	0	0	0	0	29	4	297
4	252	295	293	0	0	0	0	0	0	10	1	277
5	302	12	240	0	0	0	0	0	0	29	0	277
6	306	0	173	0	0	0	0	0	0	7	0	290
7	260	0	43	0	0	0	0	0	0	16	0	232
8	246	0	10	0	0	0	0	10	0	12	0	357
9	324	0	4	0	0	0	0	0	0	35	4	394
10	248	0	2	0	0	0	0	0	0	0	79	372
11	302	0	0	0	0	0	0	0	0	33	62	429
12	309	329	0	0	0	0	0	0	1	47	70	184
13	163	380	0	0	0	0	0	0	69	51	102	19
14	120	446	0	0	0	0	0	0	34	45	88	3
15	104	304	0	0	0	0	0	0	68	42	108	44
16	95	298	0	0	0	0	0	0	66	36	71	98
17	48	291	0	0	0	0	0	0	26	26	71	130
18	17	298	0	0	0	0	0	0	23	22	79	8
19	15	293	0	0	0	0	0	0	22	18	111	0
20	29	287	0	0	0	0	0	0	34	22	179	0
21	68	268	0	0	0	0	0	0	25	38	197	1
22	90	298	0	0	0	0	0	0	20	155	191	179
23	90	298	0	0	0	0	0	0	16	199	98	167
24	173	278	0	0	0	0	0	0	6	149	95	270
25	293	280	0	0	0	0	0	0	2	142	92	274
26	287	280	0	0	0	0	0	0	1	157	113	235
27	258	291	0	0	0	0	0	0	22	164	138	241
28	272	236	0	0	0	0	2	5	10	144	144	280
29	276	250	0	0	0	0	44	0	1	134	151	221
30	318	270	0	0	0	0	1	0	14	176	241	245
31	318	0	0	0	0	0	0	0	0	194	264	0
Mean	202	230	53	0	0	0	2	1	15	72	95	202
Max.	324	444	327	0	0	0	44	10	68	194	264	429
Min.	15	0	0	0	0	0	0	0	0	0	0	0
A.F.	12430	13680	3270	0	0	0	90	30	910	4450	5850	12040
Water returned	52750 A.F.											

KEITH-LINCOLN COUNTY CANAL
from North Platte River
Measured through rating flume—Sec. 18-14-36 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	79	0	41	52	86	36	0
2	78	0	41	68	86	54	12
3	55	0	32	78	86	72	35
4	58	0	30	75	85	67	38
5	60	0	28	69	85	70	41
6	52	0	35	46	82	65	38
7	43	0	47	43	84	31	20
8	50	0	39	80	85	48	14
9	38	0	39	94	85	87	14
10	34	0	66	86	85	89	15
11	34	0	57	81	88	86	19
12	35	0	37	79	87	68	28
13	35	0	41	50	87	62	27
14	35	0	39	80	84	62	26
15	28	0	55	79	90	58	54
16	0	0	78	79	82	88	55
17	0	0	78	82	81	85	0
18	0	0	76	79	80	85	0
19	0	0	73	77	81	56	0
20	0	0	73	75	79	29	0
21	0	60	69	75	56	55	0
22	0	59	68	76	31	57	0
23	0	62	63	79	33	80	0
24	0	66	76	80	36	88	0
25	0	63	81	82	10	80	0
26	0	67	66	76	24	80	0
27	0	62	56	81	27	50	0
28	0	72	53	76	23	78	0
29	0	56	47	76	25	29	0
30	0	44	49	80	31	0	0
31	0	0	55	0	40	0	0
Mean	23	20	54	75	65	61	15
Max.	79	72	81	94	90	88	55
Min.	0	0	28	43	23	0	0
A.F.	1420	1210	3350	4490	4010	3760	860
Water diverted	19100 A.F.						
	Acreage Reported D-722 5962						

KIMBALL CANAL from Lodgepole Creek and Oliver Reservoir
Measured through section of Canal—Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	28	0
2	0	0	0	28	32
3	0	0	0	31	27
4	0	0	0	30	26
5	0	0	0	30	35
6	0	0	0	31	35
7	0	0	0	30	29
8	0	0	0	30	29
9	0	0	0	26	28
10	0	0	0	26	26
11	0	0	0	26	26
12	0	0	0	28	25
13	0	0	0	0	24
14	0	0	0	0	24
15	0	0	0	0	23
16	0	6	0	0	26
17	0	12	34	20	0
18	0	12	33	16	0
19	0	12	38	17	0
20	0	14	29	14	0
21	0	13	30	13	0
22	0	13	32	14	0
23	0	23	26	14	0
24	0	23	24	14	0
25	0	22	23	14	0
26	0	22	0	14	0
27	0	23	0	14	0
28	0	26	0	14	0
29	0	28	0	14	0
30	0	30	0	13	0
31	0	0	0	13	0
Mean	0	9	20	20	3
Max.	0	30	38	35	12
Min.	0	0	0	0	0
A.F.	550	1220	1260	160	0
Water diverted	3190 A.F.				
	Acreage Reported A-897 4500				

DAILY DIVERSIONS OF CANALS—1950

KINGSLEY STORAGE RESERVOIR
Storage in Acre-feet—Sec. 3-14-38 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1578600	1632600	1632600	1644000	1681700	1738000	1798600	1838500	1795600	1708000	1649800	1607000
2	1578600	1632600	1632600	1644000	1681700	1741000	1801600	1838500	1795600	1705000	1649800	1604100
3	1578600	1632600	1632600	1646900	1684600	1741000	1804700	1838500	1792500	1702000	1646900	1604100
4	1578600	1632600	1632600	1646900	1684600	1744000	1810800	1838500	1792500	1696200	1644000	1601200
5	1578600	1629800	1632600	1646900	1684600	1744000	1810800	1838500	1792500	1696200	1644000	1601200
6	1578600	1629800	1632600	1646900	1687500	1747000	1813800	1838500	1789400	1690400	1644900	1595600
7	1578600	1629800	1632600	1646900	1687500	1750000	1816900	1838500	1789400	1687500	1646900	1595600
8	1578600	1629800	1632600	1646900	1690400	1750000	1820000	1838500	1786400	1681700	1649800	1592700
9	1578600	1629800	1632600	1646900	1693300	1750000	1820000	1838500	1783400	1681700	1646900	1592700
10	1581400	1629800	1632600	1649800	1696200	1753000	1823000	1838500	1780300	1673000	1641200	1593900
11	1587000	1629800	1632600	1649800	1696200	1756000	1826100	1838500	1777200	1675900	1644000	1593900
12	1592700	1629800	1632600	1652700	1699100	1756000	1826100	1838500	1774200	1673000	1641200	1593900
13	1595600	1629800	1632600	1655600	1702000	1756000	1829200	1838500	1768100	1670100	1633300	1593900
14	1598400	1629800	1629800	1655600	1705000	1756000	1832300	1835400	1768100	1667200	1635400	1592700
15	1598400	1629800	1629800	1658500	1708000	1759000	1832300	1832300	1762000	1664300	1632600	1595600
16	1601200	1629800	1629800	1658500	1708000	1762000	1832300	1832300	1759000	1658500	1629800	1598400
17	1604100	1632600	1629800	1658500	1711000	1765000	1835400	1829200	1753000	1652700	1626900	1598400
18	1607000	1632600	1629800	1661400	1714000	1765000	1838500	1826100	1750000	1649800	1624000	1601200
19	1612600	1632600	1629800	1661400	1717000	1768100	1838500	1823000	1747000	1646900	1621200	1604100
20	1615500	1632600	1632600	1661400	1717000	1771200	1838500	1820000	1744000	1641200	1618400	1607000
21	1618400	1632600	1632600	1664300	1720000	1774200	1838500	1816900	1741000	1641200	1615500	1609800
22	1618400	1632600	1635400	1667200	1723000	1777200	1838500	1813800	1738000	1641200	1612600	1612600
23	1624000	1632600	1638300	1670100	1726000	1783400	1838500	1810300	1735000	1641200	1612600	1618400
24	1626900	1632600	1638300	1670100	1729000	1783400	1838500	1807800	1732000	1638300	1609800	1621200
25	1626900	1632600	1638300	1670100	1729000	1783400	1838500	1804700	1729000	1641200	1607000	1624000
26	1629800	1632600	1641200	1673000	1732000	1783400	1838500	1801600	1726000	1644000	1607000	1626900
27	1632600	1632600	1641200	1675900	1735000	1783400	1838500	1798600	1720000	1649800	1607000	1629800
28	1632600	1632600	1641200	1678800	1738000	1786400	1838500	1798600	1717000	1649800	1607000	1629800
29	1632600	1632600	1641200	1678800	.....	1789400	1838500	1795600	1714000	1649800	1607000	1632600
30	1632600	1632600	1641200	1678800	.....	1795600	1838500	1795600	1711000	1649800	1607000	1635400
31	1632600	.....	1644000	1678800	.....	1795600	.....	1795600	.....	1649800	1607000	.....

LAST CHANCE CANAL
from Pumpkinseed Creek

Measured through rating flume—
Sec. 27-19-50 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	6	7	1	6	2	6	6
2	6	15	1	6	3	6	6
3	6	15	1	6	4	6	6
4	6	10	2	6	2	6	6
5	6	3	2	5	3	6	6
6	6	0	8	5	3	16	6
7	6	0	9	5	3	30	6
8	4	0	8	5	6	7	6
9	4	0	8	5	10	6	6
10	3	0	9	24	10	8	6
11	2	0	9	8	10	6	6
12	2	1	8	5	11	5	5
13	1	1	8	4	11	5	5
14	1	1	8	5	23	5	5
15	0	1	7	6	19	0	0
16	0	1	7	7	7	3	7
17	0	1	6	7	7	0	0
18	0	1	16	6	8	0	0
19	0	1	24	5	8	0	0
20	0	1	10	5	9	0	0
21	0	1	9	6	9	0	0
22	0	1	7	5	9	0	0
23	0	6	6	5	9	0	0
24	0	7	6	5	8	0	0
25	0	8	5	5	6	1	1
26	0	8	5	5	6	1	1
27	0	2	5	5	6	1	1
28	0	2	6	1	6	1	1
29	0	2	6	0	7	0	0
30	0	1	6	0	6	0	0
31	0	1	0	0	6	0	0
Mean	2	3	7	5	8	4	4
Max.	6	15	24	24	23	30	30
Min.	0	0	1	0	2	0	0
A.F.	120	190	420	330	470	250	250
Water diverted	1780	A.F.	Acreage Reported	D-833	453		

LISCO CANAL from North Platte River
Measured over weir—Sec. 14-18-47 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	31	11	27	33	10	36
2	31	13	35	34	21	33
3	23	17	20	33	18	27
4	20	19	18	35	16	27
5	14	20	18	38	15	28
6	15	19	21	62	21	23
7	16	24	30	73	30	23
8	18	22	29	51	19	16
9	21	16	27	34	15	15
10	18	17	22	52	19	14
11	0	18	21	48	17	15
12	0	17	19	34	18	4
13	0	15	20	34	21	5
14	0	11	31	35	17	13
15	0	11	33	34	27	7
16	0	15	34	29	22	0
17	0	23	30	35	23	2
18	0	28	23	27	18	13
19	0	25	22	28	19	12
20	0	19	30	23	18	11
21	0	23	29	25	19	10
22	0	25	23	12	20	0
23	0	25	22	0	16	0
24	0	30	22	12	30	5
25	0	29	22	0	36	4
26	0	24	21	0	19	0
27	0	28	30	0	11	0
28	0	33	31	0	11	0
29	0	25	35	59	12	2
30	0	18	33	3	12	2
31	0	21	0	0	31	0
Mean	7	21	26	28	19	12
Max.	31	33	35	73	36	36
Min.	0	11	18	0	10	0
A.F.	410	1270	1540	1750	1190	690
Water diverted	6850	A.F.				

LISCO CANAL from Cold Water Creek
Measured in section of creek—
Sec. 27-18-46 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	4	5	5	5	5	5
2	4	5	5	5	5	5
3	4	5	5	5	5	5
4	4	5	5	5	5	5
5	4	5	5	5	5	5
6	4	5	5	5	5	5
7	4	5	5	5	5	5
8	4	5	5	5	5	5
9	4	5	5	5	5	5
10	4	5	5	5	5	5
11	4	5	5	5	5	5
12	0	5	5	5	5	5
13	0	5	5	5	5	5
14	0	5	5	5	5	5
15	0	5	5	5	5	5
16	0	5	5	5	5	5
17	0	5	5	5	5	5
18	0	5	5	5	5	5
19	0	5	5	5	5	5
20	0	5	5	5	5	5
21	0	5	5	5	5	5
22	0	5	5	5	5	5
23	0	5	5	5	5	5
24	0	5	5	5	5	5
25	0	5	5	5	5	5
26	0	5	5	5	5	5
27	0	5	5	5	5	5
28	0	5	5	5	5	5
29	0	5	5	5	5	5
30	0	5	5	5	5	5
31	0	5	5	5	5	5
Mean	1	5	5	5	5	5
Max.	4	5	5	5	5	5
Min.	0	5	5	5	5	5
A.F.	90	310	300	310	310	300
Water diverted	1620 A.F.					

LISCO DIVERSION
Summary in Acre-feet—1950

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	410	1270	1540	1750	1190	690	6850
Cold Water Creek.....	90	510	300	310	310	300	1620
Total.....	500	1580	1840	2060	1500	990	8470
Water diverted 8470 A.F.							
							Acreage reported
							D-856 1392
							D-787R 1259
							D-796 300
							A-243R 635
							A-991 216
							Total 3802

DAILY DIVERSIONS OF CANALS—1950

LYONS CANAL
From North Platte River
Measured through Farshall flume
Sec. 30-17-44 W.

Day	May	June	July	Aug.	Sept.
1	0	15	1	5	6
2	0	13	2	4	4
3	0	12	3	3	5
4	0	12	8	3	4
5	0	16	12	2	5
6	0	16	13	2	9
7	0	19	16	3	8
8	0	19	15	2	9
9	0	14	15	1	9
10	0	12	10	2	17
11	0	9	10	3	15
12	0	8	7	5	11
13	0	11	5	4	13
14	0	10	3	4	14
15	0	7	3	3	14
16	0	7	12	1	13
17	0	8	16	1	13
18	2	11	12	1	13
19	3	16	12	1	14
20	1	24	15	2	13
21	0	19	12	4	13
22	3	15	14	5	13
23	10	18	16	5	12
24	11	24	13	5	9
25	19	28	11	4	7
26	20	26	11	8	6
27	20	20	12	18	6
28	27	3	11	10	5
29	20	0	10	7	3
30	20	2	8	9	0
31	16	.	6	8	.
Mean	6	14	10	4	9
Max.	27	28	16	18	17
Min.	0	0	1	1	0
A.F.	340	820	620	270	560
Water diverted	2610 A.F.		Acreage reported D-803 753		

McINTOSH CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 23-15-55 W.

Day	May	June	July	Aug.	Sept.
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	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	4
27	0	0	0	0	4
28	0	0	0	0	4
29	0	0	0	0	4
30	0	0	0	0	4
31	0	.	.	.	.
Mean	0	0	0	0	1
Max.	0	0	0	0	4
Min.	0	0	0	0	0
A.F.	0	0	0	0	40
Water diverted	40 A.F.		Acreage reported D-351 119 A-734 122		
Total					241

MEEKER CANAL
From Republican River
Sec. 15-3-31 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	22	21	26	20	27
2	0	22	20	24	20	32
3	0	24	18	26	24	27
4	0	30	17	28	15	21
5	0	28	19	30	2	30
6	0	23	18	20	2	40
7	0	25	14	18	9	37
8	0	24	7	20	0	35
9	0	21	2	22	12	29
10	0	21	14	16	16	30
11	0	22	32	16	35	33
12	0	23	23	17	24	38
13	0	24	24	17	24	41
14	6	23	25	16	24	42
15	11	19	24	15	19	34
16	10	19	27	15	17	30
17	11	18	33	20	27	26
18	13	17	32	18	44	26
19	16	15	30	18	38	27
20	18	16	29	18	36	27
21	16	15	34	17	27	23
22	16	12	28	17	21	20
23	17	16	26	18	15	23
24	16	21	24	33	32	20
25	18	22	23	20	48	20
26	14	22	25	20	48	17
27	14	22	32	16	28	31
28	17	21	32	16	21	44
29	19	19	32	14	28	42
30	20	17	29	15	31	32
31	.	19	.	22	23	.
Mean	8	21	24	20	24	30
Max.	20	30	34	33	48	44
Min.	0	12	2	14	0	17
A.F.	500	1270	1420	1210	1470	1790
Water diverted	7660 A.F.		Acreage reported D-4, 7, 8 & 9 2616			

DAILY DIVERSIONS OF CANALS—1950

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 2
From Middle Loup River
Measured through rating flume—
Sec. 14-19-18 W.

Day	May	June	July	Aug.	Sept.
1	0	0	38	0	0
2	0	0	38	0	0
3	0	0	38	0	0
4	0	0	34	0	11
5	0	0	25	0	31
6	0	0	22	0	36
7	0	0	26	0	35
8	0	0	28	0	34
9	0	13	20	0	34
10	0	34	20	0	34
11	0	32	20	0	36
12	0	32	12	0	34
13	0	33	27	0	34
14	0	36	34	0	34
15	0	38	27	0	36
16	0	38	13	0	34
17	0	38	11	0	31
18	0	33	17	0	30
19	0	27	7	0	30
20	0	22	6	0	30
21	0	26	6	0	30
22	0	28	2	0	28
23	0	30	0	0	25
24	0	30	0	0	24
25	0	30	0	0	24
26	0	30	0	0	23
27	0	32	0	0	23
28	0	37	0	0	22
29	0	38	0	0	20
30	0	36	0	0	18
31	0	0	0	0	0
Mean	0	23	15	0	26
Max.	0	38	38	0	36
Min.	0	0	0	0	0
A.F.	0	1370	930	0	1550
Water diverted			Acreage reported		
3850 A.F.			A-2293	2735	
			A-2678	189	
			Total	2924	

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 3
From Middle Loup River
Measured through rating flume—
Sec. 6-17-16 W.

Day	May	June	July	Aug.	Sept.
1	0	0	43	0	0
2	0	0	60	0	14
3	0	0	66	0	26
4	0	0	75	0	40
5	0	0	68	0	48
6	0	19	37	0	51
7	0	39	36	7	52
8	0	45	32	31	50
9	0	48	0	39	47
10	0	42	0	47	60
11	0	38	5	39	72
12	0	42	9	20	62
13	0	56	9	20	56
14	0	77	9	14	60
15	0	72	9	14	54
16	0	68	10	11	52
17	0	72	18	11	46
18	0	72	15	10	39
19	0	51	0	6	40
20	0	38	0	0	41
21	0	37	0	0	51
22	0	36	0	0	49
23	0	40	0	0	16
24	0	42	0	0	0
25	0	43	0	0	0
26	0	37	0	0	0
27	0	29	0	0	0
28	0	37	0	0	0
29	0	34	0	0	0
30	0	36	0	0	0
31	0	0	0	0	0
Mean	0	38	16	9	34
Max.	0	77	75	47	72
Min.	0	0	0	0	0
A.F.	0	2280	990	530	2040
Water diverted			Acreage reported		
5840 A.F.			A-2293	6652	
			A-2678	217	
			Total	6869	

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 4
From Middle Loup River
Measured through rating flume—
Sec. 31-18-16 W.

Day	May	June	July	Aug.	Sept.
1	0	51	35	0	33
2	0	56	40	18	31
3	0	48	41	38	27
4	0	34	44	32	27
5	0	29	52	36	26
6	0	27	34	40	27
7	0	23	31	44	25
8	0	29	20	40	29
9	0	37	0	42	31
10	0	40	0	44	35
11	0	40	0	45	46
12	0	42	0	50	46
13	0	48	0	50	42
14	0	57	0	30	33
15	0	62	0	25	36
16	0	63	0	23	46
17	0	62	0	23	41
18	0	56	0	24	34
19	0	54	0	9	30
20	0	46	0	0	31
21	0	44	0	0	36
22	0	42	0	0	32
23	0	39	0	0	11
24	0	38	0	0	2
25	0	41	0	0	14
26	0	44	0	0	25
27	0	44	0	0	25
28	0	46	0	27	24
29	0	44	0	38	25
30	0	42	0	33	27
31	23	0	0	36	0
Mean	1	44	10	24	30
Max.	23	63	52	50	46
Min.	0	23	0	0	2
A.F.	50	2630	590	1480	1780
Water diverted			Acreage reported		
6530 A.F.			A-2293	7096	
			A-2678	188	
			Total	7284	

DAILY DIVERSIONS OF CANALS—1950

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1950

Diversion:	Oct.	May	June	July	Aug.	Sept.	Total
Canal No. 1.....	370	0	780	1040	950	970	4110
Canal No. 2.....	0	0	1370	930	0	1550	3850
Canal No. 3.....	0	0	2280	990	530	2040	5840
Canal No. 4.....	0	50	2630	590	1480	1780	6530
Total diverted	370	50	7060	3550	2960	6340	20330

MIDLAND-OVERLAND CANAL
From North Platte River
Measured through Parshall flume—
Sec. 2-16-44 W.

Day	May	June	July	Aug.	Sept.
1	0	0	14	0	3
2	0	0	13	0	3
3	0	0	13	0	2
4	0	0	13	0	0
5	0	0	13	0	0
6	0	0	14	0	0
7	0	0	17	0	0
8	0	8	23	0	0
9	0	19	22	0	0
10	0	20	19	0	0
11	0	18	19	0	0
12	0	13	14	0	0
13	0	10	11	0	0
14	0	14	11	0	0
15	0	10	11	0	0
16	0	8	13	0	0
17	0	13	12	0	0
18	0	14	13	0	0
19	0	16	11	0	0
20	0	18	10	0	0
21	0	22	8	0	0
22	0	24	6	0	0
23	0	24	5	0	0
24	0	25	4	0	0
25	0	25	0	0	0
26	0	24	0	1	0
27	0	13	0	2	0
28	0	21	0	2	0
29	0	23	0	4	0
30	0	14	0	3	0
31	0	13	10	3	0
Mean	0	13	10	0	0
Max.	0	25	23	4	3
Min.	0	0	0	4	0
A.F.	0	800	610	30	20
Water diverted					
1480 A.F.					
Acreage reported					
D-789					1003
D-791					1056
Total					2059

MINATARE CANAL
From North Platte River
Measured through rating flume—
Sec. 32-22-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	4	7	60	103	55	42
2	0	33	68	108	53	46
3	0	40	69	119	49	48
4	0	38	71	121	56	48
5	0	15	69	117	62	49
6	0	0	68	110	66	48
7	0	0	68	102	62	53
8	0	0	68	93	56	59
9	0	0	66	84	55	64
10	0	0	71	83	50	66
11	0	0	76	85	47	62
12	0	28	80	86	51	55
13	0	32	82	91	53	46
14	0	39	87	93	60	47
15	0	38	86	92	69	48
16	0	38	89	91	75	45
17	0	48	90	90	75	41
18	0	60	84	39	74	36
19	0	60	77	86	78	35
20	0	61	71	86	80	26
21	0	58	68	72	75	20
22	0	58	59	61	72	30
23	0	64	0	62	74	31
24	0	75	0	57	74	42
25	0	72	0	50	75	32
26	0	69	40	52	74	10
27	0	67	68	57	58	6
28	0	61	73	67	46	2
29	0	60	75	69	44	2
30	0	60	89	66	47	0
31	0	60	60	60	44	0
Mean	0	40	66	84	62	38
Max.	4	75	90	121	80	66
Min.	0	0	0	50	44	0
A.F.	10	2460	3910	5160	3790	2260
Water diverted						
17590 A.F.						
Acreage reported						
D-919						7607

DAILY DIVERSIONS OF CANALS—1950

MIRAGE FLATS CANAL from Niobrara River and Box Butte Reservoir Measured through Parshall flume—Sec. 26-29-43 W.

Day	May	June	July	Aug.	Sept.
1	0	0	99	90	54
2	0	0	104	96	47
3	0	0	113	120	53
4	0	0	125	121	54
5	0	8	125	128	97
6	0	56	126	128	94
7	0	63	131	130	98
8	0	78	130	132	98
9	0	111	134	132	98
10	0	121	149	131	97
11	0	126	154	136	92
12	0	149	155	137	76
13	0	159	162	137	57
14	0	152	154	139	43
15	0	144	143	136	31
16	0	140	146	129	27
17	0	120	159	127	24
18	0	120	162	130	11
19	0	108	150	120	16
20	0	98	152	120	21
21	0	62	152	125	21
22	0	61	152	139	20
23	0	67	149	139	20
24	0	65	152	139	20
25	0	49	143	135	19
26	0	57	116	82	20
27	0	62	97	67	20
28	0	84	101	60	19
29	0	87	90	44	19
30	0	93	85	44	19
31	0	..	85	44	..
Mean	0	81	132	114	46
Max.	0	159	162	139	98
Min.	0	0	85	44	11
A.F.	0	4840	8120	7020	2750
Water diverted			Acreage reported		
22730 A.F.			A-2683	9582	
			A-3729	2290	
Total					11852

MITCHELL CANAL From North Platte River Measured through rating flume—Sec. 10-21-60, W. Wyoming

Day	May	June	July	Aug.	Sept.
1	67	94	191	191	159
2	68	97	191	194	153
3	66	101	191	194	151
4	68	106	194	194	151
5	71	104	189	194	155
6	56	103	194	194	156
7	49	100	194	194	156
8	49	96	194	194	151
9	49	101	194	194	154
10	48	134	194	194	155
11	48	159	194	194	151
12	50	189	194	197	151
13	47	194	194	197	152
14	47	194	194	194	152
15	48	194	194	194	194
16	101	194	194	194	158
17	150	192	194	191	145
18	158	192	194	196	139
19	151	192	194	196	141
20	131	191	194	195	36
21	140	194	194	161	0
22	140	179	194	161	0
23	166	157	194	155	0
24	182	149	194	155	0
25	184	149	194	155	0
26	166	149	192	148	0
27	143	149	194	144	0
28	147	143	191	148	0
29	139	175	188	156	0
30	137	190	194	151	0
31	106	..	192	151	..
Mean	102	152	193	180	99
Max.	184	194	194	197	194
Min.	47	94	188	144	0
A.F.	6290	9050	11880	11040	5870
Water diverted			Acreage reported		
44130 A.F.			D-1052	13594	

NINE MILE CANAL From North Platte River Measured through rating flume—Sec. 17-21-53 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	59	0	84	52	70	66
2	62	0	74	46	65	64
3	63	0	57	61	62	68
4	62	0	56	82	55	63
5	61	0	56	80	57	64
6	59	0	56	71	53	61
7	47	0	70	66	54	64
8	45	0	85	59	49	65
9	32	0	69	54	49	72
10	0	0	59	71	51	67
11	0	24	57	84	55	50
12	0	49	56	77	57	54
13	0	41	53	71	55	52
14	0	35	49	71	64	39
15	0	33	41	71	70	43
16	0	31	59	70	67	44
17	0	19	80	69	67	49
18	0	13	76	75	64	47
19	0	14	86	83	67	40
20	0	22	76	79	64	41
21	0	57	72	85	60	50
22	0	77	73	49	56	50
23	0	65	67	59	53	46
24	0	62	53	62	55	44
25	0	77	48	55	62	43
26	0	84	73	64	43	41
27	0	76	83	63	33	40
28	0	85	72	60	41	40
29	0	73	64	58	46	38
30	0	70	61	46	53	43
31	0	69	..	55	41	..
Mean	16	35	66	66	56	52
Max.	63	85	85	85	70	71
Min.	0	0	41	46	33	38
A.F.	970	2130	3900	4060	3450	3080
Water diverted			Acreage reported			
17590 A.F.			D-925	5708		
			D-925, P-262	0		
Total						5708

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT ORD-NORTH LOUP CANAL From North Loup River Measured through rating flume—Sec. 33-19-14 W.

Day	May	June	July	Aug.	Sept.
1	0	39	40	13	15
2	0	32	34	20	14
3	0	37	31	18	14
4	0	40	30	16	18
5	0	42	26	16	24
6	0	42	26	22	29
7	0	47	27	20	36
8	0	48	29	19	36
9	0	51	6	12	39
10	0	51	0	0	40
11	0	50	0	0	41
12	0	50	0	0	42
13	0	46	0	0	41
14	0	5	0	0	40
15	0	28	0	6	36
16	15	46	0	18	27
17	38	43	0	22	20
18	17	36	0	28	19
19	0	32	0	18	18
20	0	30	0	19	19
21	0	34	0	17	20
22	12	34	0	17	17
23	20	34	0	16	13
24	21	35	0	16	11
25	21	34	0	17	11
26	20	36	0	16	12
27	21	35	0	17	11
28	20	35	9	15	10
29	22	38	13	15	11
30	27	38	10	13	10
31	31	..	12	13	..
Mean	9	38	9	14	23
Max.	38	51	40	28	42
Min.	0	5	0	0	10
A.F.	570	2280	580	870	1380
Water diverted			Acreage reported		
5680 A.F.			A-2312	6704	
			A-3672	58	
Total					6762

DAILY DIVERSIONS OF CANALS—1950

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
TAYLOR-ORD CANAL

From North Loup River
Measured through rating flume—
Sec. 20-21-18 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	46	0	44	109	34	17
2	47	0	39	114	32	20
3	48	35	48	95	24	20
4	46	60	44	92	34	24
5	46	27	44	77	37	27
6	55	0	50	68	40	32
7	52	0	58	65	21	54
8	67	0	55	54	28	62
9	42	0	54	9	30	83
10	23	0	55	0	24	95
11	23	25	54	0	25	99
12	21	46	52	0	19	98
13	40	30	51	29	11	100
14	40	32	34	59	17	86
15	28	27	48	29	23	62
16	31	32	54	26	36	32
17	27	44	48	30	24	35
18	26	21	26	22	30	40
19	13	0	50	0	24	52
20	0	0	41	0	25	46
21	0	21	45	0	24	42
22	0	35	49	0	22	28
23	0	40	47	0	19	29
24	0	42	62	0	20	40
25	0	39	28	0	19	41
26	0	34	66	0	20	40
27	0	34	83	0	16	36
28	0	38	86	12	16	32
29	0	30	85	35	15	32
30	0	40	93	34	15	25
31	0	36	..	37	23	..
Mean	23	25	53	32	24	48
Max.	67	60	93	114	40	100
Min.	0	0	26	0	11	17
A.F.	1430	1520	3160	1980	1480	2830
Water diverted	Acreage reported					
12400 A.F.	A-2312 14555					
	A-2417R 183					
	A-3821 0					
	A-3892 37					
	Total 14775					

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
BURWELL-SUMTER CANAL

From North Loup River
Measured through rating flume—
Sec. 19-21-15 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	16	0	32	36	23	28
2	17	0	43	42	20	37
3	16	0	36	35	18	38
4	13	0	36	35	18	41
5	14	0	36	32	18	51
6	13	0	34	33	6	51
7	13	0	32	34	0	54
8	13	0	30	35	0	69
9	13	0	34	13	0	75
10	12	0	33	0	0	78
11	9	0	31	0	0	82
12	8	0	31	0	0	73
13	0	0	31	0	0	65
14	0	0	20	0	0	64
15	0	0	29	12	0	55
16	0	0	28	24	0	31
17	0	0	29	13	0	21
18	0	0	22	12	0	19
19	0	0	27	0	0	20
20	0	0	23	0	0	18
21	0	0	17	0	0	14
22	0	0	14	0	0	12
23	0	0	11	0	0	11
24	0	33	15	0	0	11
25	0	43	21	0	0	12
26	0	29	22	0	0	12
27	0	28	23	0	0	11
28	0	27	13	12	0	10
29	0	26	12	23	13	9
30	0	26	20	22	26	12
31	0	28	..	22	26	..
Mean	5	8	26	14	5	36
Max.	17	43	43	42	26	82
Min.	0	0	11	0	0	9
A.F.	310	480	1560	870	330	2150
Water diverted	Acreage reported					
5700 A.F.	A-2312 6903					
	A-3772 54					
	A-3828 0					
	A-3831 0					
	Total 6957					

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1950

Diversion:	Oct.	May	June	July	Aug.	Sept.	Total
Taylor-Ord	1430	1520	3160	1980	1480	2830	12400
Ord-North Loup	0	570	2280	580	870	1380	5680
Burwell-Sumter	310	480	1560	870	330	2150	5700
Total diverted	1740	2570	7000	3430	2680	6360	23780

DAILY DIVERSIONS OF CANALS—1950

647

NORTH PLATTE CANAL from North Platte River
Measured through rating flume—Sec. 18-14-33 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	130	31	0	57	210	110	88
2	129	36	0	54	210	95	89
3	92	36	0	34	212	78	89
4	61	34	0	30	175	124	89
5	87	32	0	82	177	203	82
6	110	32	0	105	186	158	80
7	92	32	0	126	214	181	89
8	90	32	0	156	223	203	106
9	88	29	0	179	221	203	99
10	68	23	0	217	210	192	66
11	47	17	0	195	208	203	112
12	44	12	0	219	208	120	93
13	43	6	0	221	203	76	55
14	43	1	0	232	203	124	57
15	40	1	0	241	195	175	62
16	29	1	28	228	184	184	58
17	24	1	82	208	169	184	58
18	19	0	46	148	201	186	23
19	13	0	62	169	186	158	23
20	8	0	31	188	177	120	18
21	4	0	34	179	116	146	14
22	1	0	33	184	103	152	10
23	1	0	30	186	112	150	4
24	1	0	33	192	93	171	6
25	1	0	41	190	86	184	20
26	8	0	15	190	67	86	25
27	25	0	12	190	73	23	26
28	25	0	15	188	67	88	33
29	29	0	32	190	76	97	36
30	29	0	34	197	73	44	31
31	29	65	65	71	71	88	..
Mean	45	12	19	169	158	139	55
Max.	130	36	82	241	223	203	112
Min.	1	0	0	54	67	23	4
A.F.	2760	710	1160	10070	9740	8540	3250
Water diverted				Acreage reported			
36230 A.F.				D-635 14048			

NORTHPORT CANAL From North
Platte River and Pathfinder Reservoir
Measured through section of Tri-State
Canal—Sec. 10-23-58 W.

Day	May	June	July	Aug.	Sept.
1	0	91	63	36	0
2	0	91	54	36	23
3	0	91	52	35	16
4	0	94	47	36	13
5	0	95	42	34	12
6	0	97	40	33	11
7	0	98	41	34	8
8	9	94	38	34	10
9	0	91	127	35	7
10	0	91	125	31	31
11	0	89	128	27	34
12	0	92	126	29	23
13	0	90	126	25	35
14	0	88	124	27	3
15	0	88	125	38	0
16	0	85	118	47	104
17	0	78	112	51	177
18	0	77	104	32	109
19	0	76	99	31	107
20	0	73	86	31	107
21	107	76	77	33	110
22	104	76	80	35	113
23	105	78	80	30	112
24	101	80	160	33	114
25	93	81	204	0	115
26	108	77	206	0	119
27	101	70	207	0	127
28	94	67	180	0	129
29	92	64	92	0	0
30	93	67	31	0	0
31	91	..	33	0	0
Mean	35	84	101	26	59
Max.	108	98	207	51	177
Min.	0	64	31	0	0
A.F.	2160	4970	6200	1610	3510
Water diverted	18450 A.F.				

NORTHPORT CANAL
From Drains entering Tri-State Canal

Day	May	June	July	Aug.	Sept.
1	0	139	167	250	0
2	0	139	176	250	263
3	0	139	178	251	270
4	0	136	183	250	273
5	0	135	188	252	274
6	0	133	190	253	275
7	0	132	189	252	273
8	0	136	192	252	276
9	0	139	187	251	279
10	0	139	189	255	255
11	0	141	186	259	252
12	0	138	188	257	263
13	0	140	188	261	251
14	0	142	190	259	247
15	0	142	189	248	254
16	0	145	196	239	146
17	0	152	202	235	73
18	0	153	210	254	70
19	0	154	215	255	72
20	0	157	228	255	72
21	123	154	209	253	69
22	126	154	206	251	66
23	125	152	206	256	67
24	129	150	126	253	65
25	137	149	82	0	64
26	122	153	80	0	60
27	129	160	79	0	52
28	136	163	106	0	50
29	138	166	194	0	55
30	137	163	255	0	57
31	139	..	253	0	..
Mean	46	146	182	195	158
Max.	139	166	255	261	279
Min.	0	132	79	0	0
A.F.	2860	8720	11160	12000	9420
Water diverted	44160 A.F.				

DAILY DIVERSIONS OF CANALS—1950

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet—1950

Diverted from:	Section	Oct.	May	June	July	Aug.	Sept.	Total
North Platte River....	10-23-58	0	2160	4970	6200	1610	3510	18450
*Sheep Creek.....	17-23-57	0	1710	5090	5870	5890	3900	22460
*Akers Draw.....	12-23-57	0	270	700	770	740	900	3380
*Tub Springs.....	27-23-55	0	580	2030	2050	2350	750	7760
*Spotted Tail, Dry.....	9-23-56	0	0	0	750	1500	1160	3410
*Spotted Tail, Wet.....	10-23-56	0	300	900	1720	1520	2710	7150
*Moffat Drain.....	25-22-53	0	0	0	0	0	0	0
*Alliance Drain.....	18-22-53	0	0	0	0	0	0	0
Total diversion.....		0	5020	13690	17360	13610	12930	62610
Acreage reported A-768								16109

*The water from drains was originally diverted at Whalen from the North Platte River and carried through the Interstate Canal for lands within the Pathfinder Irrigation District. The residue of the Whalen diversion after it has been used on the Pathfinder District lands together with surface runoff is intercepted by the Tri-State Canal and conveyed for re-use on Northport Irrigation District's lands. United States v. Tilley, State Engineer of Nebraska, et al., No. 11587, United States Circuit Court of Appeals, Eighth Circuit, December 23, 1941.

OLIVER RESERVOIR from Lodgepole Creek
Storage in Acre-feet—Sec. 36-15-57 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3770	.....	.....	.....	.....
2
3	1940	.....	.....	.....	.....	.....	.....	.....	.....	1890	.....
4
5	1430	.....	.....	2700	.....	.....	3640	.....	3920	.....	.....	870
6	3000	.....	.....	.....	3920	.....	.....	.....
7	2460	.....	.....
8	2030	.....	.....	.....	3350	.....	3840	.....	.....	1590	.....
9
10
11	1570	.....	.....	2740	.....	.....	3700	.....	.....	2240	.....	.....
12	3890	.....	.....	910
13
14	3110	3420	.....	.....	.....	.....	.....	.....
15	2130	.....	.....	.....	.....	.....	.....	.....	.....	.....	3870
16	3860	.....	.....	1200	.....
17	2520	2790	.....	.....	.....	.....	.....	2190	.....	.....
18	1680	.....	.....	.....	.....	.....	3740	.....	.....	.....	.....	.....
19	3720	.....	.....	.....
20
21	3200	3500	.....	3860	.....	.....	.....	.....
22	2220	.....	.....	.....	.....	.....	3850	.....	.....	1070	.....
23	2850	.....	.....	.....	.....	.....	.....	.....	.....
24	3760	.....	.....	.....	.....	.....
25	3890
26	3260	.....	.....	.....
27	1840	.....	.....	.....	3280	.....	.....	.....	.....	.....	.....	.....
28	3560	.....	.....	.....	.....	.....	.....
29	950	.....
30	2320	2650	2930	.....	.....	.....	.....	.....	.....	.....	3800
31	3910	.....	.....	.....	.....

DAILY DIVERSIONS OF CANALS—1950

649

ORCHARD-ALFALFA CANAL
From Platte River
Measured through rating flume—
Sec. 9-10-24 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	15	0	0	20	26	23
2	14	0	0	20	31	22
3	14	0	0	19	37	21
4	6	0	3	18	42	27
5	0	0	2	19	45	29
6	0	0	2	17	45	31
7	0	0	4	16	46	30
8	0	0	4	17	54	33
9	0	0	5	17	49	30
10	0	0	6	17	51	30
11	0	0	6	18	54	32
12	0	0	6	18	56	28
13	0	0	19	18	57	26
14	0	0	24	18	58	24
15	0	0	20	18	58	24
16	0	0	21	22	50	22
17	0	0	22	27	52	21
18	0	0	13	33	58	19
19	0	0	1	38	47	17
20	0	0	2	43	37	14
21	0	0	5	26	44	12
22	0	0	4	6	38	11
23	0	0	7	6	38	10
24	0	0	10	10	40	10
25	0	0	10	17	39	4
26	0	0	9	16	36	0
27	0	0	9	15	32	0
28	0	0	10	15	30	0
29	0	0	11	17	29	0
30	0	0	16	21	26	0
31	0	0		22	24	
Mean	2		8	19	43	18
Max.	15		24	43	58	33
Min.	0		0	6	24	0
A.F.	100		500	1200	2630	1090
Water diverted					Acreeage reported	
5520 A.F.					D-627	5950

OWASCO CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 29-15-55 W.

Day	May	June	July	Aug.	Sept.
1	2	5	9	5	2
2	2	9	6	5	3
3	2	8	6	5	2
4	2	8	6	7	2
5	3	7	7	7	2
6	2	6	6	5	2
7	5	6	5	5	3
8	5	3	3	4	3
9	5	3	3	5	3
10	6	3	3	3	6
11	6	2	2	0	6
12	6	2	0	0	8
13	6	2	0	0	5
14	8	4	0	0	5
15	7	3	0	0	6
16	6	3	0	0	7
17	6	2	0	0	5
18	6	3	3	5	2
19	4	3	0	5	2
20	4	6	3	5	2
21	4	7	3	6	2
22	5	10	13	5	2
23	4	4	13	4	0
24	5	3	10	3	0
25	6	6	5	2	0
26	7	7	6	2	0
27	8	7	6	2	0
28	5	8	5	4	0
29	3	9	3	4	0
30	2	9	3	5	0
31	6	5	5	5	2
Mean	5	5	5	5	2
Max.	8	9	13	7	6
Min.	2	2	0	2	0
A.F.	300	320	290	290	150
Water diverted				Acreeage reported	
1350 A.F.				D-347R	83
				A-725	689

Total 772

OSHKOSH CANAL
From North Platte River
Measured through Parshall flume—
Sec. 33-17-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	15	0	8	13	0	3
2	16	0	3	16	0	6
3	12	0	4	14	0	9
4	0	0	4	15	6	8
5	0	0	10	15	2	7
6	0	0	15	18	7	7
7	0	0	14	19	7	6
8	0	0	15	20	6	6
9	0	0	16	18	6	9
10	0	0	14	17	6	13
11	0	0	12	14	7	6
12	0	0	11	11	6	6
13	0	0	12	7	6	6
14	0	0	11	6	5	1
15	0	0	10	6	5	4
16	0	0	11	6	5	0
17	0	0	12	6	5	0
18	0	0	16	9	9	0
19	0	0	20	13	15	0
20	0	0	25	15	10	0
21	0	0	26	8	7	1
22	0	10	26	5	7	2
23	0	15	27	5	6	2
24	0	7	27	0	5	1
25	0	16	29	0	6	1
26	0	17	29	0	6	1
27	0	18	26	0	11	1
28	0	18	25	0	7	1
29	0	11	23	0	2	0
30	0	14	20	0	1	0
31	0	14		0	1	
Mean	1	5	13	10	6	4
Max.	16	18	29	20	15	13
Min.	0	0	3	0	0	0
A.F.	80	280	970	590	360	220
Water diverted					Acreeage reported	
2500 A.F.					D-797	1740
					A-243R	0

Total 1740

PAISLEY CANAL from Blue Creek and
Crescent Lake
Measured through rating flume—
Sec. 28-17-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	11	6	15	21	0	0
2	10	9	14	21	0	0
3	9	10	13	12	0	0
4	8	9	13	16	0	0
5	8	6	13	21	0	0
6	9	1	12	19	0	0
7	8	9	11	8	0	0
8	7	7	7	0	0	0
9	4	7	0	0	0	0
10	0	10	14	0	0	0
11	0	10	18	12	0	0
12	7	10	21	7	0	0
13	12	9	18	7	0	0
14	12	10	20	7	0	0
15	11	9	17	7	0	0
16	12	10	16	8	0	0
17	13	11	21	10	0	0
18	13	13	21	10	0	0
19	13	15	15	12	0	0
20	13	16	13	9	0	0
21	12	18	15	0	0	0
22	12	18	14	0	0	0
23	12	19	13	0	0	0
24	12	19	13	0	0	0
25	12	19	13	0	0	0
26	11	19	14	0	0	0
27	11	18	12	0	0	0
28	0	17	0	0	0	0
29	0	17	16	0	0	0
30	0	16	8	0	0	0
31	0	15		0	0	0
Mean	8	12	14	7	0	0
Max.	13	19	21	21	0	0
Min.	0	1	0	0	0	0
A.F.	520	750	810	410	0	0
Water diverted				Acreeage reported		
2490 A.F.				D-800	815	
				A-515	95	
				A-1738	230	

Total 1140

DAILY DIVERSIONS OF CANALS—1950

PAXTON-HERSHEY CANAL
From North Platte River
Measured through Parshall flume—
Sec. 18-14-33 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	39	0	12	82	32	28
2	55	0	13	85	32	28
3	43	0	16	89	31	28
4	47	0	15	93	36	34
5	49	0	13	86	52	34
6	49	3	8	86	49	33
7	49	16	23	91	42	21
8	47	0	21	102	46	19
9	46	0	57	106	80	26
10	46	0	69	104	100	27
11	20	0	68	102	103	31
12	0	0	67	101	97	41
13	0	0	86	98	89	35
14	0	0	97	103	85	34
15	0	0	100	104	83	31
16	0	0	101	103	85	24
17	0	3	96	103	90	28
18	0	15	87	101	97	23
19	0	10	80	100	92	19
20	0	10	93	92	53	18
21	0	10	88	65	15	25
22	0	11	88	38	40	21
23	0	10	85	29	84	19
24	0	7	82	21	96	22
25	0	13	78	21	103	22
26	0	13	78	24	90	21
27	0	14	76	25	70	17
28	0	15	80	23	76	17
29	0	13	77	28	67	19
30	0	12	76	27	30	21
31	0	13	..	27	24	..
Mean	16	6	64	73	67	26
Max.	55	16	101	106	103	41
Min.	0	0	8	21	15	17
A.F.	970	380	3820	4480	4100	1520
Water diverted	15270	A.F.	Acreage	4100	1520	reported
			D-653			7358

RAMSHORN CANAL
From North Platte River
Measured through rating flume—
Sec. 19-23-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	2	0	17	9	6	9
2	2	0	17	9	5	9
3	2	0	18	8	5	8
4	2	0	18	8	6	2
5	1	0	17	7	6	1
6	1	0	14	6	6	2
7	0	0	8	6	6	10
8	0	0	5	6	7	9
9	0	0	7	6	11	8
10	0	0	9	5	10	7
11	0	0	9	4	10	7
12	0	0	10	3	12	8
13	0	0	10	2	12	7
14	0	0	10	3	3	5
15	0	0	10	0	0	3
16	0	0	10	1	4	3
17	0	0	9	1	0	1
18	0	0	8	1	0	0
19	0	1	6	1	4	0
20	0	2	8	1	13	0
21	0	4	8	1	15	0
22	0	19	9	4	15	0
23	0	18	9	5	11	0
24	0	18	8	6	5	0
25	0	21	8	8	7	0
26	0	21	8	5	24	0
27	0	19	7	1	14	0
28	0	20	7	4	11	0
29	0	20	7	5	11	0
30	0	18	9	6	9	0
31	0	18	..	6	10	..
Mean	0	6	10	4	8	3
Max.	2	21	18	9	24	10
Min.	0	0	5	0	0	0
A.F.	20	390	600	270	510	200
Water diverted	1990	A.F.	Acreage	4100	1520	reported
			D-945			1652
			D-918R			185
			Total			1837

RUTTNER CANAL (NEW)
From Lodgepole Creek
Measured through rating flume—
Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.	
1	0	0	2	0	1	
2	2	0	2	0	1	
3	2	0	2	2	1	
4	2	0	2	2	1	
5	2	0	2	2	1	
6	2	0	3	2	1	
7	2	2	3	2	1	
8	2	2	2	2	1	
9	2	3	2	2	1	
10	2	3	2	0	0	
11	2	3	2	0	0	
12	2	3	0	0	0	
13	2	3	0	0	0	
14	2	3	0	2	0	
15	3	3	0	2	0	
16	3	3	0	2	0	
17	3	3	0	2	0	
18	3	3	0	2	0	
19	3	2	0	1	0	
20	3	2	0	3	0	
21	3	3	2	2	0	
22	2	2	1	2	0	
23	3	2	1	1	0	
24	3	2	1	1	0	
25	0	2	1	1	0	
26	0	2	1	1	0	
27	0	2	0	1	0	
28	0	2	0	1	0	
29	0	2	0	1	0	
30	0	2	0	1	0	
31	0	..	0	1	..	
Mean	2	2	1	1	0	
Max.	3	3	3	2	1	
Min.	0	0	0	0	0	
A.F.	110	110	70	80	20	
Water diverted	390	A.F.	Acreage	4100	1520	reported
			D-35OR			22
			A-727			39
			A-857			92
			A-869			44
			Total			197

RUTTNER-KINNEY CANAL
From Lodgepole Creek
Measured through rating flume—
Sec. 31-15-56 W.

Day	May	June	July	Aug.	Sept.	
1	0	0	2	1	2	
2	0	0	2	1	2	
3	0	0	2	3	2	
4	0	0	2	3	2	
5	0	2	2	3	2	
6	0	2	2	3	1	
7	0	1	2	2	1	
8	0	1	2	3	1	
9	0	1	2	3	1	
10	0	1	2	3	1	
11	0	1	2	3	1	
12	0	1	2	2	2	
13	0	1	1	2	2	
14	0	1	1	2	1	
15	0	1	2	2	0	
16	0	2	1	2	0	
17	0	2	1	2	0	
18	0	2	1	2	0	
19	0	3	1	2	0	
20	0	6	1	2	0	
21	0	3	1	2	0	
22	0	4	1	2	0	
23	0	3	1	2	0	
24	0	4	1	2	0	
25	7	3	2	2	0	
26	4	3	2	2	0	
27	4	3	1	2	0	
28	0	3	1	2	0	
29	0	3	1	2	0	
30	0	2	1	2	0	
31	0	..	1	2	..	
Mean	0	2	1	2	1	
Max.	7	6	2	3	2	
Min.	0	0	0	1	0	
A.F.	30	120	90	120	40	
Water diverted	400	A.F.	Acreage	4100	1520	reported
			D-345			135
			D-350			51
			A-718R			48
			A-1828			14
			Total			248

DAILY DIVERSIONS OF CANALS—1950

651

SHERIDAN-WILSON CANAL
From Sarben Slough
Measured in section of slough—
Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	8	8	8	10	11
2	8	8	8	9	10
3	8	8	8	9	*0
4	9	8	9	9	0
5	9	8	9	9	0
6	9	8	9	9	0
7	9	8	9	10	0
8	9	8	9	10	0
9	9	8	9	10	0
10	9	8	9	10	0
11	9	8	9	10	0
12	9	8	9	10	0
13	9	7	9	10	0
14	9	7	9	10	0
15	9	7	9	10	0
16	9	7	9	10	0
17	8	7	10	10	0
18	8	7	10	10	0
19	8	7	10	10	0
20	8	7	10	10	0
21	8	7	10	9	0
22	8	7	11	9	0
23	8	7	11	9	0
24	8	7	12	9	0
25	8	7	12	9	0
26	8	8	13	10	0
27	8	8	13	10	0
28	8	8	12	11	0
29	8	8	12	11	0
30	8	8	11	12	0
31	8	..	10	12	..
Mean	8	8	10	10	1
Max.	9	8	13	12	11
Min.	8	7	8	9	0
A.F.	520	450	610	610	40

Water diverted 2230 A. F.
*Not diverting—Spilling to the river.

SHERIDAN-WILSON CANAL
From North Platte River
Measured through rating flume—
Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	0	0	2	2	0
2	0	0	3	2	1
3	0	0	3	3	0
4	0	0	2	3	0
5	0	0	2	2	0
6	0	0	2	3	0
7	0	0	2	2	0
8	0	0	2	1	0
9	0	0	2	1	0
10	0	2	2	1	0
11	0	3	2	1	0
12	0	3	3	1	0
13	0	3	3	1	0
14	0	3	3	1	0
15	0	3	3	1	0
16	0	3	3	1	0
17	0	3	5	2	1
18	0	3	5	4	0
19	0	3	6	3	0
20	0	3	5	2	0
21	0	3	2	2	0
22	0	3	3	2	0
23	0	3	3	2	0
24	0	3	2	2	0
25	0	3	2	2	0
26	0	3	2	2	0
27	0	3	2	1	0
28	0	3	1	1	0
29	0	2	1	1	0
30	0	2	2	0	0
31	0	..	2	0	..
Mean	0	2	3	2	0
Max.	0	3	6	4	1
Min.	0	0	1	0	0
A.F.	0	120	160	110	5

Water diverted 395 A. F.

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet—1950

Diverted from:--	May	June	July	Aug.	Sept.	Total
North Platte River.....	0	120	160	110	5	395
Sarben Slough	520	450	610	610	40	2230
Total Diversion	520	570	770	720	45	2625
Water diverted 2625 A. F.				Acreage reported	D-710	918

DAILY DIVERSIONS OF CANALS—1950

SHORT LINE CANAL						
From North Platte River						
Measured through rating flume—						
Sec. 25-21-53 W.						
Day	Oct.	May	June	July	Aug.	Sept.
1	35	0	18	36	11	3
2	11	0	14	41	10	9
3	0	0	13	41	11	14
4	0	0	14	26	14	11
5	0	0	19	10	17	12
6	0	0	23	0	17	18
7	0	0	20	0	12	25
8	0	0	20	0	12	18
9	0	0	22	0	11	22
10	0	0	28	0	13	12
11	0	0	25	0	16	11
12	0	0	22	22	17	17
13	0	0	21	39	17	12
14	0	0	23	39	16	6
15	0	0	27	39	15	10
16	0	0	28	42	13	6
17	0	0	37	42	14	2
18	0	0	42	41	15	1
19	0	0	38	42	16	2
20	0	0	39	36	16	9
21	0	0	40	35	16	7
22	0	0	19	20	15	5
23	0	11	21	21	14	1
24	0	19	26	29	12	0
25	0	17	27	20	15	0
26	0	18	32	14	11	3
27	0	21	39	12	5	6
28	0	23	39	10	10	4
29	0	25	37	9	10	0
30	0	21	36	11	5	0
31	0	19	13	7		
Mean	1	6	27	22	13	8
Max.	35	25	42	42	17	25
Min.	0	0	13	0	5	0
A.F.	90	350	1600	1370	800	490
Water diverted				Acreage	reported	
	4700	A.F.		D-946	2713	

SIX MILE CANAL						
Measured through rating flume—						
Sec. 18-11-25 W.						
Day	May	June	July	Aug.	Sept.	
1	0	8	0	0	0	0
2	0	8	0	0	0	0
3	0	8	2	0	0	0
4	0	8	3	0	0	0
5	0	8	4	0	0	0
6	0	8	4	0	0	0
7	0	7	4	5	0	0
8	0	7	4	11	0	0
9	0	7	3	18	0	0
10	0	7	0	17	0	0
11	0	7	1	18	1	0
12	0	7	4	17	0	0
13	0	7	4	16	0	0
14	0	8	4	16	0	0
15	0	7	5	15	0	0
16	0	8	9	14	0	0
17	0	0	11	16	0	0
18	7	0	12	16	0	0
19	7	0	12	10	4	9
20	7	0	10	5	9	5
21	7	0	9	0	0	5
22	5	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	4	0	0	0	0	0
Mean	1	4	3	6	1	
Max.	7	8	12	18	9	
Min.	0	0	0	0	0	
A.F.	70	240	210	380	40	
Water diverted				Acreage	reported	
	940	A. F.		D-680	1173	

SPOHN CANAL						
From North Platte River						
Measured through Parshall flume—						
Sec. 24-17-45 W.						
Day	May	June	July	Aug.	Sept.	
1	0	0	8	0	10	
2	0	0	7	0	10	
3	0	0	6	0	9	
4	0	0	7	0	9	
5	0	0	9	0	4	
6	0	0	2	0	0	
7	0	0	0	0	0	
8	0	0	0	0	0	
9	0	0	0	0	0	
10	0	0	0	0	0	
11	0	0	0	0	1	
12	0	0	0	0	0	
13	0	0	0	0	0	
14	0	0	0	0	0	
15	0	0	0	0	0	
16	0	0	0	0	0	
17	0	0	0	0	0	
18	0	0	0	0	0	
19	0	6	2	0	0	
20	0	12	6	0	0	
21	0	13	7	0	0	
22	0	12	13	0	0	
23	0	12	0	0	0	
24	0	12	0	0	0	
25	0	13	0	0	0	
26	0	12	0	0	0	
27	0	11	0	0	0	
28	0	9	0	8	0	
29	0	9	0	15	0	
30	0	9	0	9	0	
31	0	0	0	11	0	
Mean	0	4	2	1	2	
Max.	0	13	13	15	10	
Min.	0	0	0	0	0	
A.F.	0	260	150	90	100	
Water diverted				Acreage	reported	
	600	A. F.		D-801	877	
				D-803R	180	
				Total	1057	

SUBURBAN CANAL						
Measured through rating flume—						
Sec. 8-14-32 W.						
Day	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	74	40	43
2	26	0	0	72	50	40
3	32	0	0	78	54	38
4	27	0	0	87	59	36
5	22	0	0	95	57	34
6	16	0	0	88	67	30
7	11	0	0	85	71	26
8	6	0	0	79	64	23
9	6	0	0	78	72	21
10	6	0	0	75	82	21
11	6	0	0	75	91	22
12	5	0	44	83	84	26
13	5	0	50	68	88	32
14	4	0	57	58	78	32
15	4	0	73	60	75	35
16	4	0	81	85	71	33
17	4	0	90	99	70	39
18	4	0	103	82	68	39
19	4	0	82	78	69	31
20	3	0	79	77	69	30
21	3	0	85	82	42	30
22	3	0	83	66	38	28
23	3	0	96	77	36	26
24	2	0	100	69	49	24
25	2	0	100	63	64	22
26	2	0	106	58	70	21
27	2	0	96	53	63	20
28	1	0	85	49	57	19
29	1	0	74	45	64	20
30	0	0	67	45	58	20
31	0	0	43	49	49	19
Mean	7	0	52	72	64	29
Max.	32	0	108	99	91	43
Min.	0	0	0	43	36	19
A.F.	450	0	3100	4410	3910	1710
Water diverted				Acreage	reported	
	13580	A. F.		D-662	7168	

DAILY DIVERSIONS OF CANALS—1950

SUTHERLAND POWER RETURN
To river at North Platte—Sec. 9-13-30 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	965	863	1304	1102	969	1057	1233	0	0	1042	1000	1091
2	941	866	1243	1179	1033	1139	1004	0	0	397	1068	1114
3	999	869	1240	1366	1016	982	1287	0	0	1157	1096	1076
4	609	868	1121	1207	957	986	1358	0	0	1097	1121	1309
5	542	900	1323	1080	983	861	1293	0	126	1044	1062	1137
6	551	847	1308	1014	926	1063	1292	0	187	960	873	1020
7	498	885	1328	983	852	1054	1294	0	408	1035	685	1029
8	221	894	1309	926	942	1103	1271	0	584	1033	923	959
9	27	1106	1350	952	963	1121	810	0	685	940	1296	1035
10	35	827	1186	985	873	1108	1086	0	757	1023	1351	1084
11	163	1191	1141	963	993	1150	949	0	764	1038	1247	1092
12	85	1159	1262	990	979	1152	1011	0	1171	1058	886	986
13	162	1058	1311	1054	1016	1229	832	0	1141	955	1071	954
14	257	1095	1239	1058	1055	1125	867	0	1071	1018	1160	961
15	262	1151	1130	1030	1037	1056	367	0	1163	1091	1103	825
16	309	1231	1108	1048	983	1036	523	0	1121	1203	1195	640
17	553	1191	1089	1106	960	1200	399	0	1152	992	1211	274
18	516	1311	1093	1080	974	1178	109	9	1002	862	1242	471
19	545	1194	1159	1082	826	1025	190	0	1125	857	989	789
20	680	1216	1249	976	946	1247	30	0	1227	919	1048	889
21	908	1232	1308	1019	974	1157	0	0	1054	768	1097	813
22	944	1243	1254	815	1067	1193	0	0	1010	769	1413	662
23	850	1274	1277	924	1219	1169	0	0	986	659	1542	823
24	1039	1229	1213	917	1019	1215	0	0	835	735	1549	615
25	1136	1221	1130	1127	1003	1252	0	0	857	692	1381	873
26	1075	1238	1185	1030	868	933	0	0	904	698	1222	1003
27	1121	1255	1122	1121	1069	1164	0	0	948	792	1127	1025
28	1131	1226	1184	1119	943	1333	0	99	978	939	1139	1061
29	1032	1291	1179	1065	....	1219	0	266	999	960	1089	953
30	1050	1326	1126	1128	....	1090	0	0	1039	817	874	900
31	1073	....	1115	1025	....	1139	0	0	....	987	923	....
Mean	654	1101	1212	1047	979	1122	574	12	1172	961	1123	916
Max.	1136	1326	1350	1366	1219	1333	1358	266	1227	1203	1549	1309
Min.	27	647	1089	815	826	861	0	0	0	397	685	274
A.F.	40230	65530	74550	64410	54380	69000	34130	740	45960	56600	69390	54480
Water returned	629400 A.F.											

SUTHERLAND RESERVOIR SYSTEM
Storage in Sutherland, Regulator and Forebay Reservoirs, Combined
Total Live Storage in Acre-feet
Township 13 N., Range 33 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	31825	20647	51027	56520	45187	55280	43793	10380	47680	56480	69548	70594	
2	32026	22049	51987	56863	45077	54809	42170	10380	47516	58280	67657	71010	
3	31190	23553	52886	56807	45219	54282	40604	10206	47265	57923	65937	71616	
4	31191	25039	53711	55695	45201	54029	38784	10037	46429	57646	65439	71234	
5	31369	26336	54233	54806	45507	54659	30761	9868	46948	57935	64850	71759	
6	30937	23030	54805	54122	45924	54759	34804	9868	46504	58222	65561	70847	
7	30227	29759	55242	53393	46915	55038	32804	8700	46866	58457	67218	70297	
8	30183	31339	55501	53006	47884	54978	30527	9531	46556	58796	68587	70542	
9	29974	32807	56017	53056	48509	55381	29252	9362	46588	59441	68011	70364	
10	29223	33864	56728	52772	49273	55301	27021	16163	47170	59991	67003	69877	
11	28585	35782	57238	52422	49378	55018	25137	16463	48306	60056	66787	69483	
12	28098	36890	56893	52405	50851	54182	23024	17956	48605	60366	68077	69108	
13	27479	37833	56322	52068	51203	52898	21320	19662	48368	60774	68313	68714	
14	26712	38843	55690	51534	51249	52574	19488	21353	48526	60907	68492	68607	
15	25897	39881	55542	51169	51685	52708	18045	23731	48422	60025	68882	68787	
16	24881	40894	55739	50711	52231	53355	17136	24549	48660	60083	68954	69061	
17	22555	41400	56022	50400	52994	53862	16234	26495	49452	60467	69020	70858	
18	21161	41482	56222	49871	53501	54197	15971	29293	50343	62098	68702	71950	
19	19398	42415	56365	49540	54441	54757	15420	30817	51332	62941	69553	73082	
20	18510	43047	56174	49320	55211	54816	12487	33157	52323	63569	70866	73719	
21	17197	43649	55925	49262	55868	55211	12128	34742	52760	66842	71281	73926	
22	16213	44374	55872	49676	54982	54982	12128	36237	52404	67850	70405	74485	
23	15881	45021	55403	49896	56763	54865	11774	38819	52620	69845	69180	74640	
24	15005	46078	55207	50187	55766	54150	11680	40193	53041	71681	67497	75437	
25	14634	46985	54830	50162	55763	53171	11425	41863	53760	72497	66557	74752	
26	14745	47657	54598	49474	55932	53326	11251	42563	53933	72918	67171	74188	
27	15205	48378	54986	48400	55675	51550	11077	44794	54327	73805	66970	74188	
28	16132	49202	55297	47761	55561	50091	10903	45971	54709	72614	67149	73882	
29	17370	49834	55433	46954	48115	10729	46773	55537	72652	68132	73999
30	18095	50314	55723	46056	46919	10554	46403	55994	71969	69265	73563
31	18177	56149	45127	45000	47015	70955	70335

DAILY DIVERSIONS OF CANALS—1950

TRI-COUNTY CANAL, JEFFREY POWER RETURN to Platte River
Measured through Parshall flume—Sec. 36-12-27 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	173	1440	0	0	106	0	0	0	0	295	545	225
2	136	1340	0	0	104	0	0	0	0	283	531	139
3	136	1340	0	0	0	0	0	0	0	293	639	208
4	58	1230	0	0	108	0	0	0	0	293	699	266
5	0	1640	0	70	0	0	0	0	0	295	662	198
6	0	1460	0	0	0	0	0	0	0	295	631	220
7	0	1470	0	250	0	0	0	0	35	298	682	268
8	0	1550	0	28	0	0	0	0	84	270	781	313
9	0	1550	0	145	0	0	0	0	105	244	802	379
10	0	1610	0	829	0	0	0	0	139	272	787	401
11	0	1570	0	0	0	0	0	0	164	300	772	403
12	0	1440	0	0	0	0	0	0	160	318	420	403
13	0	1210	0	202	0	0	0	0	185	350	280	362
14	0	1130	0	0	0	0	0	0	208	406	309	300
15	0	1060	0	0	0	0	0	0	218	460	285	264
16	0	802	0	0	0	0	0	0	252	542	507	227
17	0	979	0	0	0	0	0	0	248	574	611	231
18	0	659	0	0	0	0	0	0	250	653	574	233
19	97	151	0	0	0	0	0	0	173	571	139	126
20	504	0	0	0	0	0	0	0	89	522	90	50
21	1110	0	0	0	0	0	0	0	84	122	420	49
22	1500	0	0	0	0	0	0	0	98	0	454	20
23	1330	0	0	0	0	0	0	0	97	0	477	0
24	1510	0	0	0	0	0	0	0	137	0	427	0
25	1510	0	0	0	0	0	0	0	291	0	460	0
26	1720	0	0	0	0	0	0	0	295	0	318	0
27	1780	0	0	0	0	0	0	0	298	18	225	0
28	1830	0	0	0	0	0	0	0	295	169	149	0
29	1810	0	0	0	0	0	0	0	295	304	300	0
30	1560	0	0	19	0	0	0	0	295	460	83	0
31	1530	0	0	72	0	0	0	0	0	502	72	0
Mean	590	788	0	52	11	0	0	0	150	294	457	177
Max.	1830	1640	0	829	108	0	0	0	298	653	802	403
Min.	0	0	0	0	0	0	0	0	0	0	72	0
A.F.	36290	46870	0	3200	630	0	0	0	8940	18090	28130	10540
Water returned	152690 A. F.											

TRI-COUNTY CANAL, JOHNSON POWER RETURN
To Platte River—Sec. 2-8-21 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	291	386	1226	1159	1260	1679	1275	540	1142	292	115	892
2	12	493	1165	1294	1284	1752	809	652	1088	179	109	879
3	453	432	1185	1392	1199	1633	1394	629	1056	122	140	431
4	726	361	636	1360	1068	1533	1475	580	854	108	87	938
5	805	229	1199	1396	676	928	1561	456	1132	79	89	975
6	833	237	1300	868	912	1418	1527	987	863	85	91	1002
7	1104	454	1506	863	1133	1130	1464	668	673	75	92	1011
8	1372	334	1514	937	1137	1187	1495	1077	502	69	108	1013
9	1369	343	1552	917	1146	1489	1192	1245	385	97	100	950
10	1148	262	1613	489	1141	1641	1427	1363	418	123	87	1063
11	1336	233	1347	525	1252	1565	1594	1342	538	192	79	230
12	1314	331	1603	665	1299	1633	1774	1059	742	267	125	17
13	1287	242	1873	964	1231	1647	1773	689	591	234	81	0
14	1555	230	1560	857	1260	1454	1757	486	416	94	141	0
15	1284	371	1539	620	1300	1473	1677	677	427	290	89	0
16	756	347	1423	796	1309	1518	959	650	164	59	171	0
17	877	503	1468	1544	1289	1529	1563	539	332	93	108	0
18	628	389	690	1161	1210	1631	1644	598	253	62	152	0
19	565	246	1245	1090	721	1372	1576	661	386	92	85	0
20	769	305	1252	1243	1357	1533	1369	866	538	49	139	0
21	1040	932	1310	1106	1377	1529	1242	551	513	44	122	0
22	770	485	1335	1018	1430	1563	1256	920	732	104	126	0
23	512	578	1372	1261	1211	1434	1035	842	915	165	164	214
24	440	396	1256	1388	1546	1487	1343	1269	867	260	203	489
25	364	562	1147	1397	1377	1464	1133	745	502	629	130	1057
26	378	605	1077	1433	1258	1165	859	879	625	698	117	1155
27	300	344	1253	1396	1395	1306	781	960	484	643	149	1202
28	431	836	1265	1151	1490	1558	943	669	432	542	321	1301
29	338	958	1370	1177	....	1637	1044	1128	321	716	577	1242
30	387	1172	1472	1423	....	1642	338	1013	222	462	873	1277
31	278	....	1343	1425	....	1445	....	1229	....	501	876	....
Mean	765	455	1319	1107	1224	1484	1309	838	605	240	189	578
Max.	1555	1172	1673	1544	1546	1752	1774	1363	1142	716	876	1301
Min.	12	229	636	489	676	926	338	456	164	44	79	0
A.F.	47050	27070	81130	68060	67970	91220	77910	51510	36020	14730	11600	34390
Water returned	608660 A. F.											

DAILY DIVERSIONS OF CANALS—1950

657

TRI-STATE CANAL FOR FARMERS
IRRIGATION DISTRICT AND
PREFERRED RIGHTS

From North Platte River and
Pathfinder Reservoir

Measured through section of canal—
Sec. 10-23-58 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	462	142	298	890	760	536
2	418	138	231	953	809	651
3	408	128	215	942	882	726
4	290	182	396	947	935	760
5	114	199	601	979	928	779
6	126	204	761	1001	902	812
7	131	190	778	971	901	802
8	93	182	796	951	892	777
9	91	193	808	862	882	753
10	88	210	799	891	905	683
11	84	307	774	913	917	610
12	82	320	866	890	907	593
13	80	291	931	910	911	563
14	80	278	963	957	886	537
15	0	266	1008	961	879	497
16	0	196	1006	948	875	480
17	0	166	978	954	799	399
18	0	219	894	942	844	431
19	0	481	900	913	895	433
20	0	796	867	903	881	417
21	0	775	886	867	893	314
22	0	772	900	796	882	293
23	0	821	888	729	882	312
24	0	1040	855	640	834	314
25	0	978	823	592	755	338
26	0	923	889	580	216	337
27	0	893	896	584	336	273
28	0	818	831	575	493	225
29	0	496	853	600	442	12
30	0	378	850	683	417	0
31	0	340	776	396	...	...
Mean	82	430	786	842	780	489
Max.	462	1040	1008	1001	935	812
Min.	0	128	215	580	216	0
A.F.	5050	26420	46790	51770	47970	29070
Water diverted	207070	A. F.				

TRI-STATE DIVERSIONS

For Farmers Irrigation District and Preferred Rights
Summary in Acre-feet—1950

Diverted from:—	Oct.	May	June	July	Aug.	Sept.	Total
North Platte River	5050	26420	46790	51770	47970	29080	207080
Optional Diversions (Estimated)	0	260	1110	1880	1780	1020	6050
*Drains	0	0	0	0	2350	490	2340
Total Diversion	5050	26680	47900	53650	52100	30590	215970
Acreage reported							
D-918	58438						
A-660	2913						
O.D.	2050						
Total	63401						

*Akers Draw, Sheep Creek, Dry Spotted Tail, Wet Spotted Tail and Tub Springs used by Farmers Irrigation District for period August 25 to September 1, inclusive. Unable to deliver to Northport District due to break in Tri-State Canal upstream from Northport headgate.

DAILY DIVERSIONS OF CANALS—1950

UNION CANAL						
From Blue Creek and Crescent Lake						
Measured through rating flume—						
Sec. 18-16-42 W.						
Day	Oct.	May	June	July	Aug.	Sept.
1	12	0	24	12	0	0
2	6	0	25	12	0	0
3	6	0	22	16	3	0
4	5	0	19	12	7	0
5	5	0	19	10	13	0
6	6	0	22	8	0	0
7	7	0	21	14	0	0
8	8	0	21	17	0	0
9	13	0	25	15	0	0
10	26	0	25	15	0	0
11	8	0	25	16	0	0
12	2	0	18	9	0	0
13	1	0	7	5	0	0
14	1	0	9	5	0	0
15	0	0	10	6	0	0
16	0	0	17	5	0	0
17	0	0	10	5	0	0
18	0	0	9	5	0	0
19	0	0	7	5	0	0
20	0	0	7	5	0	0
21	0	0	7	0	0	0
22	0	0	7	0	0	0
23	0	0	9	0	0	0
24	0	0	12	0	0	0
25	0	7	11	0	0	0
26	0	13	11	0	0	0
27	0	13	17	0	0	0
28	0	14	18	0	0	0
29	0	15	15	0	0	0
30	0	12	14	0	0	0
31	0	16	.	0	0	0
Mean	3	3	15	6	1	0
Max.	26	16	25	17	13	0
Min.	0	0	7	0	0	0
A.F.	210	180	920	390	50	0
Water diverted				Acreage reported		
1750 A.F.				D-763	1224	

WESTERN CANAL from South Platte River							
Measured through section of canal—							
Sec. 14-12-43 W.							
Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	92	33	79	58	46	50	43
2	79	39	89	54	45	50	41
3	79	46	86	52	50	54	41
4	86	52	86	50	48	56	41
5	89	59	61	50	50	61	38
6	76	65	61	48	48	121	36
7	92	67	43	46	46	106	36
8	92	67	43	46	43	63	38
9	94	69	61	46	38	22	46
10	97	69	50	43	36	10	48
11	94	76	63	43	36	17	54
12	67	67	82	46	36	24	56
13	34	58	76	45	46	32	61
14	23	65	69	46	46	39	67
15	34	61	65	46	41	46	52
16	34	56	65	45	31	56	40
17	36	76	61	45	33	69	50
18	36	100	61	46	31	69	36
19	32	115	58	45	33	67	33
20	37	115	52	48	33	61	33
21	41	138	50	46	40	53	50
22	46	128	50	52	74	58	58
23	50	115	56	54	79	56	48
24	55	121	52	65	61	56	36
25	48	115	58	79	54	52	36
26	41	115	74	79	46	52	52
27	34	112	67	65	40	50	54
28	26	84	65	56	45	50	43
29	19	26	67	52	46	43	61
30	12	36	65	48	36	43	69
31	5	.	61	.	36	41	.
Mean	55	78	64	51	44	53	47
Max.	97	138	89	79	79	121	69
Min.	5	26	43	43	31	10	33
A.F.	3350	4650	3930	3060	2720	3240	2770
Water diverted				Acreage reported			
23720 A.F.				A-393	11826		
				A-393R	400		
				A-1804	364		
				Total	12590		

DAILY DIVERSIONS OF CANALS—1950

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WHITNEY RESERVOIR from White River
Storage in Acre-feet—Sec. 34-33-51 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1
2
3
4
5
6
7
8
9
10	4750	.....	.....	.....	.....	.....	9710	9620	.....	.....	.....
11
12
13
14
15	8240	.....	.....	.....	.....	.....	.....
16
17
18
19
20	7890	.....	.....
21
22
23
24
25
26
27
28
29
30	9350	9800	9000	.....	4890	4600
31	6830	.....	.....

WINTERS CREEK CANAL
From North Platte River
Measured through Parshall flume—
Sec. 17-22-55 W.

Day	May	June	July	Aug.	Sept.
1	0	21	23	21	15
2	0	21	24	19	18
3	0	21	26	14	20
4	7	20	25	14	20
5	15	18	22	11	20
6	15	18	19	0	20
7	17	21	25	23	23
8	23	17	25	22	22
9	19	16	26	22	24
10	10	14	28	22	20
11	10	15	23	22	22
12	18	16	23	23	22
13	15	11	22	22	14
14	15	14	27	22	10
15	16	23	26	20	7
16	15	32	25	25	5
17	14	31	25	20	10
18	16	30	25	20	5
19	16	26	26	21	4
20	19	22	21	24	14
21	28	20	26	23	13
22	31	21	26	18	9
23	30	22	26	18	8
24	28	22	27	17	7
25	24	19	27	17	5
26	20	17	26	23	6
27	16	20	22	25	8
28	16	18	18	17	10
29	16	23	23	22	4
30	17	22	21	22	0
31	21	.....	20	12	.....
Mean	16	20	24	19	13
Max.	31	32	28	25	24
Min.	0	11	18	0	0
A.F.	1010	1210	1480	1190	760
Water diverted	5650	A.F.			

WINTERS CREEK CANAL
From Winters Creek
Measured through Parshall flume—
Sec. 19-22-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	24	0	41	56	46	27
2	13	0	42	54	47	56
3	11	0	45	51	46	51
4	2	11	44	47	49	49
5	0	5	43	45	51	44
6	0	0	41	43	52	44
7	0	0	41	43	45	44
8	0	0	42	41	44	46
9	0	0	42	35	44	46
10	0	14	40	44	47	45
11	0	21	41	48	49	46
12	0	28	40	49	49	42
13	0	26	38	49	43	38
14	0	24	42	51	46	38
15	0	33	45	49	45	39
16	0	38	46	48	45	37
17	0	38	48	48	45	36
18	0	23	48	43	49	35
19	0	23	44	45	56	35
20	0	26	45	46	56	34
21	0	32	44	44	52	33
22	0	29	44	45	48	9
23	0	35	44	42	47	0
24	0	38	43	36	48	0
25	0	48	45	36	30	0
26	0	44	44	30	23	0
27	0	45	44	31	25	0
28	0	45	43	37	17	0
29	0	45	46	37	22	0
30	0	43	51	38	22	0
31	0	39	.....	42	12	.....
Mean	2	24	44	44	42	29
Max.	24	48	51	56	56	56
Min.	0	0	38	30	12	0
A.F.	100	1470	2590	2690	2590	1730
Water diverted	11170	A.F.				

WINTERS CREEK LATERAL
From Winters Creek
Measured through Parshall flume—
Sec. 19-22-54 W.

Day	May	June	July	Aug.	Sept.
1	0	12	12	14	19
2	0	12	12	14	20
3	1	12	15	15	15
4	3	12	18	18	12
5	8	12	17	20	14
6	7	12	17	20	12
7	0	12	15	17	10
8	8	12	15	16	11
9	8	12	19	16	13
10	12	12	19	15	13
11	5	12	18	16	13
12	9	13	16	16	13
13	10	15	15	16	12
14	10	15	13	16	12
15	10	14	12	16	12
16	12	14	13	16	13
17	14	15	12	16	13
18	14	13	13	16	12
19	14	12	13	17	12
20	14	10	12	17	13
21	14	10	12	16	12
22	14	10	13	16	5
23	12	9	12	16	1
24	12	10	13	16	1
25	11	9	14	14	6
26	11	11	14	13	11
27	11	14	14	12	11
28	11	18	14	12	10
29	12	19	15	12	6
30	12	16	15	12	0
31	12	..	14	16	..
Mean	9	13	14	16	11
Max.	14	19	19	20	20
Min.	0	9	12	12	0
A.F.	580	750	880	960	650
Water diverted	3820 A.F.				

WINTERS CREEK DIVERSIONS
Summary in Acre-feet—1950

Diverted from:—	Oct.	May	June	July	Aug.	Sept.	Total
North Platte River	0	1010	1210	1480	1190	760	5650
Winters Creek	100	2050	3340	3570	3550	2380	14990
Total	100	3060	4550	5050	4700	3140	20640
Water diverted	20640 A. F.						
					Acreage reported		
					D-952		5748

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