VOLUME II

THIRTIETH BIENNIAL REPORT

DEPARTMENT OF ROADS & IRRIGATION

TO THE

GOVERNOR OF NEBRASKA

1953-1954

DEPARTMENT OF ROADS AND IRRIGATION
L. N. RESS
STATE ENGINEER

BUREAU OF IRRIGATION
WATER POWER AND DRAINAGE
DAN S. JONES, JR., CHIEF
LINCOLN
F. N. KLIETSCH, DIVISION ENGINEER
BRIDGEPORT
R. H. WILLIS, CONSULTANT
BRIDGEPORT

State of Nebraska

ROBERT B. CROSBY, GOVERNOR
LINCOLN 9

IN REPLY REFER TO

November 30, 1954

The Honorable Robert B. Crosby
Governor of the State of Nebraska

Sir:

In accordance with the Statutes, I am transmitting to you herewith Volume II of the Thirtieth Biennial Report of the Department of Roads and Irrigation for the water years 1953 and 1954.

Volume II contains data regarding the water supply of the State; a list of water appropriations of record on September 30, 1954; districts organized under various laws; public districts dissolved; and a summary of the activities of the Bureau of Irrigation, Water Power and Drainage. This report also contains pertinent Court Decisions rendered during this biennium.

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

Respectfully submitted,

L. N. Ress

State Engineer

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THIRTIETH BIENNIAL REPORT

OF THE

DEPARTMENT OF ROADS AND IRRIGATION

VOLUME II

BUREAU OF IRRIGATION WATER POWER AND DRAINAGE

TO

HONORABLE ROBERT B. CROSBY
GOVERNOR OF THE STATE OF NEBRASKA

LINCOLN, NEBRASKA

1953-1954

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EXECUTIVES AND EMPLOYEES OF THE BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE

L. N. Ress, State Engineer ..... Lincoln
Dan S. Jones, Jr., Chief ..... Lincoln
F. H. Klietsch, Division Engineer ..... Bridgeport
Edwin S. Kimmel, Hydraulic Engineer ..... Bridgeport
K. I. Ward, Special Assistant ..... Lincoln
David B. Ender, Senior Hydrographer ..... North Platte
Robert F. Bishop, Junior Hydrographer ..... Bridgeport
C. D. Christensen, Associate Hydrographer ..... Bridgeport
S. M. Christensen, Junior Hydrographer ..... Bridgeport
John H. Hintz, Associate Hydrographer ..... Hershey
David J. Neely, Junior Hydrographer ..... Bridgeport
Willard J. Page, Associate Hydrographer ..... Grand Island
Shirley J. Sodman, Stenographer-Clerk ..... Lincoln
Nick Panas, Assistant Hydrographer ..... Bridgeport
Lloyd E. Powell, Jr., Assistant Hydrographer ..... Bridgeport
L. F. Zabel, Associate Hydrographer ..... Cambridge
Janice L. Frey, Stenographer-Clerk ..... Lincoln
Barbara Liles, Typist-Clerk ..... Bridgeport
Mary J. Long, Stenographer-Clerk ..... Bridgeport
Willa J. Placek, Stenographer-Clerk ..... Lincoln
Grant Q. Whitney, Engineer Assistant (Part time) ..... Lincoln

WATER COMMISSIONERS

John G. Lathrop ..... Crawford
Henry Brandt ..... Cambridge
Free Fitzgarrald ..... Bridgeport
Robert W. Hoover ..... Ogallala
James L. Lutey ..... Kimball
C. R. Pledger ..... Kearney

Executive with the Bureau during the Biennium:
R. H. Willis, Consultant, January 4, 1954, deceased

Recognition of Service

THE DEPARTMENT OF ROADS AND IRRIGATION
STATE OF NEBRASKA

Extends its congratulations to Robert H. Willis
in recognition of fifty eight *years of meritorious service, and*
It acknowledges the benefits to the public from the continuous work of those who have made the public service their life's activity, and
It desires to record the Department's appreciation for long and faithful service by the presentation of this certificate on January 1, 1954

Frank L. Marsh
SECRETARY OF STATE

Dana S. Jones Jr.
CHIEF BUREAU OF WATER, POWER & DRAINAGE

R. D. Gross
STATE ENGINEER

Robert B. Crosby
GOVERNOR

Robert H. Willis

The State of Nebraska suffered a severe loss with the passing of Robert H. Willis on January 4, 1954, after a brief illness.

Mr. Willis, who would have been 84 years of age at his next birthday, had established an unusual record in length of continuous service to the State, as evidenced by the Certificate of Service reproduced on the opposite page. He was in his 59th year of continuous service at the time of his death.

Mr. Willis, who was educated as a Civil Engineer, began his service as Water Commissioner for the North Platte River Basin upon the creation of the State Board of Irrigation by the Legislature in 1895. He served successively as Water Commissioner, Water Superintendent, and in 1918, as Assistant State Engineer. In 1919 his title was changed to Chief of the Bureau of Irrigation, Water Power and Drainage which position he held until 1951. Following retirement as Chief of the Bureau he continued his service to the department to the time of his death in the position of Consultant.

His life was devoted to formulating policies for and helping in the development of irrigation in the State. The successful operation of the water laws of Nebraska and the development of a comprehensive State water code which is recognized as one of the best was due largely to his efforts. His fair and courageous administration of the waters of the State had much to do in bringing about the present extensive irrigation development in Nebraska.

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WATER SUPPLY

The runoff of the North Platte River above Pathfinder Dam for the 1953 water year was 736,000 acre-feet and it was about 450,000 acre-feet for the 1954 water year, or 72 per cent and 44 per cent respectively of the twenty year (1933-1952) average.

The discharge below the Tri-State Dam for the period May 1 to September 30, 1953 was 13,640 acre-feet and it was 2,510 acre-feet for the same period in 1954, which is about 27 per cent for 1953 and about 5 per cent for 1954 of the 1941-1951 average. This indicates that the natural flow supply below the State Line for 1954 was the lowest for many years past, and verifies the fact that 1954 was one of the driest years in the history of irrigation from the North Platte River between the Tri-State Dam and Lewellen where no storage water was available.

The flow of the Platte River immediately above the Tri-County Diversion Dam during the period May 1 to September 30, 1953 was 700,520 acre-feet and 582,100 acre-feet for the same period in 1954, 79 per cent and 65 per cent respectively of the ten year average (1942-1951). During both years considerable storage water was involved in these figures.

The annual discharge of the Platte River below the Kearney Power Return was 630,090 acre-feet for the water year 1953, and 497,690 acre-feet for the water year 1954.

The foregoing figures reflect a rather dry two-year period, October 1, 1952 to September 30, 1954, that is, with regard to the flow in streams. Rainfall during this same period was also below normal in the principal irrigated area from Kearney west to the State Line. Precipitation figures for this period are given elsewhere in this report.

While rainfall was short there was adequate storage water available from Pathfinder and Kingsley Reservoirs to produce good crops both years. Good rains in August, 1954, east of North Platte ended the use of Kingsley storage water for irrigation on August 16, in the canals east of Tri-County Diversion Dam. This was an unusual situation, particularly since this date was preceded by nearly two years of abnormally dry weather. However the dry weather continued through both years west of Kingsley Reservoir. The Pathfinder Reservoir was empty by September 15.

The Department's weather station at Bridgeport showed for the water year 1953 that rainfall was 92% of normal while in the 1954 water year it was only 65% of normal.

RESERVOIRS

The Pathfinder Reservoir, located in Wyoming on the North Platte River, stores water for use on lands situated on both sides of the river in eastern Wyoming and the panhandle area of Nebraska. The capacity of the reservoir is 1,016,000 acre-feet. The carryover was 181,000 acre-feet on September 30, 1953 and 3,040 acre-feet on September 30, 1954, which was the lowest carryover since 1931. There were approximately 707,000 acre-feet of storage available for the 1953 season and 472,000 acre-feet for the 1954 season. The amount available for the 1954 season was the lowest since 1940 when 329,000 acre-feet were available. During the past 40 years only 1934 and 1940 had less storage available than in 1954, with the 1934 amount being 334,000 acre-feet. Unless normal runoff prevails for 1955 an acute shortage will occur.

The Guernsey Reservoir serves as a regulator for Pathfinder storage water and as a power head for operation of a hydroelectric plant at the Guernsey Dam. The capacity at the time it was constructed in 1928 was 72,700 acre-feet. However, due to silting, the capacity is reduced to 44,800 acre-feet.

Under Application 2374, The Central Nebraska Public Power and Irrigation District has the right to impound 2,000,000 acre-feet of water in Lake C. W. McConaughy (Kingsley Reservoir) on the North Platte River located about seven miles north of Ogallala. The inflow to the reservoir during the 1953 water year was 1,083,673 acre-feet, of which 382,863 acre-feet were intercepted. Approximately 479,800 acre-feet of storage water were withdrawn through the dam during the season and the carryover on September 30, 1953 was 1,357,000 acre-feet. The inflow during the 1954 water year was 759,155 acre-feet, of which 278,333 acre-feet were intercepted. Approximately 556,200 acre-feet of storage water were withdrawn through the dam during the season and the carryover on September 30, 1954 was 1,040,900 acre-feet. The 556,200 acre-feet withdrawn through the dam was the largest amount ever withdrawn from the reservoir which has been in operation since 1941. The carryover on September 30, 1954 was the lowest since 1945 all because of the water year 1954 being abnormally dry.

Harry Strunk Lake (Medicine Creek Reservoir) is an on-stream reservoir built to impound the natural flow of Medicine Creek. It was constructed by the United States Bureau of Reclamation by virtue of storage Application 3900. It is located about eight miles northwest of Cambridge. The carryover on September 30, 1952 was 37,580 acre-feet and during the 1953 water year approximately 3,000 acre-feet were impounded and about 15,000 acre-feet were withdrawn. The carryover on September 30, 1953 was 25,670 acre-feet and during the 1954 water year approximately 15,000 acre-feet were impounded and about 19,000 acre-feet were withdrawn. At

the end of the 1954 season or on September 30, 1954 there remained in the reservoir 21,520 acre-feet of which about 8,000 acre-feet is dead storage.

The Enders Reservoir is an on-stream reservoir on the Frenchman River located about eight miles southeast of Imperial and stores water by virtue of Application 3899 granted to the United States Bureau of Reclamation. It has a capacity of about 45,000 acre-feet. The carryover on September 30, 1952 was 27,860 acre-feet and during the 1953 water year approximately 7,900 acre-feet were impounded and about 9,100 acre-feet were withdrawn. The carryover on September 30, 1953 was 26,605 acre-feet and during the water year 1954 approximately 14,700 acre-feet were impounded and about 19,80 acre-feet were withdrawn. On September 30, 1954 there remained in the reservoir 21,520 acre-feet of which about 8,400 acre-feet is dead storage.

The Box Butte Reservoir is an on-stream reservoir on the Niobrara River located about nine miles north of Hemingford and stores water by virtue of Applications 2709a and 3456 granted to the United States Bureau of Reclamation. It has a capacity of 32,000 acre-feet. The carryover on September 30, 1952 was 9,330 acre-feet and during the 1953 water year approximately 17,600 acre-feet were impounded and about 19,000 acre-feet were withdrawn. The carryover on September 30, 1953 was 7,990 acre-feet and during the 1954 water year approximately 15,800 acre-feet were impounded and about 17,600 acre-feet were withdrawn. On September 30, 1954 there remained in the reservoir 6,130 acre-feet of which about 600 acre-feet is dead storage.

The Sutherland Reservoir is an off-stream reservoir located about three miles south of Sutherland. It obtains its water supply from the North Platte River near Keystone by virtue of Applications 2350 and 2361, issued to the Platte Valley Public Power and Irrigation District. It was originally constructed for a storage reservoir, however, because of seepage a large part of its appropriation has been transferred to Kingsley Reservoir. It now serves primarily as a regulator having a limited capacity of about 70,000 acre-feet. Diversions from the South Platte River by virtue of Application 3601 are direct for power only. Because of the foregoing conditions, the Department during the irrigation season in computing Sutherland storage releases treats the Sutherland Reservoir as a regulator only. Since it fluctuates frequently no analyses for its operation are made and, therefore, no figures are given pertaining to its operation.

The Oliver Reservoir is an on-stream reservoir located about eight miles west of Kimball on Lodgepole Creek and can store water by virtue of Application 897. The carryover on September 30, 1952 was 1,090 acre-feet and during the 1953 water year approximately

4,300 acre-feet were impounded and about 3,590 acre-feet were withdrawn. The carryover on September 30, 1953 was 1,900 acre-feet and during the 1954 water year approximately 2,490 acre-feet were impounded and about 3,330 acre-feet were withdrawn. On September 30, 1954 there remained in the reservoir 1,060 acre-feet.

The Bennett Reservoir is located on Lodgepole Creek about three miles northeast of Kimball and stores water by virtue of Applications 657 and 1974. The carryover on September 30, 1952 was 300 acre-feet and during the 1953 water year approximately 1,600 acre-feet were impounded and about 1,670 acre-feet were withdrawn. The carryover on September 30, 1953 was 230 acre-feet and during the 1953 water year approximately 1,500 acre-feet were impounded and about 1,080 acre-feet were withdrawn. On September 30, 1954 there remained in the reservoir 640 acre-feet.

The Whitney Reservoir is an off-stream reservoir located about two miles west of Whitney and water is diverted to it from White River by virtue of Application 1603. On September 30, 1952 there was a carryover of 3,000 (est.) acre-feet and during the 1953 water year approximately 6,100 acre-feet were impounded and about 6,800 acre-feet were withdrawn. The carryover on September 30, 1953 was 2,340 acre-feet and during the 1954 water year approximately 6,600 acre-feet were impounded and about 8,300 acre-feet were withdrawn. On September 30, 1954 there were 2,340 acre-feet remaining in the reservoir.

Crescent Lake is a sandhill lake located about twenty-five miles north of Oshkosh and near the headwaters of Blue Creek. The water in Crescent Lake, on a limited basis, is used to supplement the natural flow in Blue Creek by virtue of Application 1575. The amount of water that can be used out of the lake is limited by the concrete floor in the outlet headgate. During the season of 1953, 1,050 acre-feet from the lake were used for irrigation and during the 1954 season 970 acre-feet were used.

The Harlan County Reservoir is located on the Republican River near Alma, and stores water by virtue of Application 4190. This is a new reservoir in which water was first stored in November 1952. Storage water was first released for irrigation during the 1953 water year. On November 13, 1952 there was an initial amount of 1,300 acre-feet in a pool behind the dam. During the 1953 water year about 152,000 acre-feet were impounded and approximately 39,500 acre-feet were withdrawn. The carryover on September 30, 1953 was 113,800 acre-feet and during the 1954 water year approximately 107,500 acre-feet were impounded and about 64,500 acre-feet were withdrawn. On September 30, 1954 there remained in the reservoir 156,500 acre-feet.

Swanson Lake is a reservoir on the Republican River located about three miles west of Trenton. It stores water by virtue of

Application 4884 issued to the United States Bureau of Reclamation. Only 122,800 acre-feet of its capacity are available for irrigation. This is a new reservoir which began storing water on November 1, 1953, with a pool back of the dam of 3,206 acre-feet. During the 1954 water year approximately 33,500 acre-feet were impounded and 15,000 acre-feet were withdrawn. At the end of the 1954 season or on September 30, 1954 there remained in the reservoir 21,770 acre-feet.

WATER ADMINISTRATION

The Department was not confronted with unusual problems in administering the public waters during the water year 1953, the first year of this biennium. Water demands followed their usual course during a period when normal water supply prevails, and as usual canals on Blue Creek were closed down to 1899 on June 26. Canals on Pumpkinseed Creek were closed down to November 1, 1890 on July 16, and those on the Niobrara River above Box Butte Reservoir were closed down to January 25, 1937 about June 26. It was also necessary to close certain small canals at various locations on Lodgepole Creek, White River, Monroe Creek and other small streams only intermittently. As a rule the irrigators on small streams cooperate to the extent of providing most of their own regulation, that is, use the water available on a rotation basis. No canals were closed on the North Platte and Platte Rivers since most of the junior appropriators had storage contracts and they used storage water to the extent that natural flow was unavailable.

The 1954 season was one of the driest years of record in the western part of the State, consequently the Department's duties of administering the water presented some unusual problems.

The section of the North Platte River above the Nebraska-Wyoming State Line is administered separately from the same river and the Platte River within the State. This method has been in effect since 1945 when the U. S. Supreme Court handed down the decree allocating the natural flow of the North Platte from its head waters in Colorado through Wyoming on downstream to the Nebraska line. The decree does not require any water to pass the State Line. In the section of the river from Whalen, Wyoming, to the Tri-State Dam, eight canals divert water for use on Nebraska lands. The Gering-Fort Laramie, Pathfinder and Northport Canals all are government constructed projects. Other canals are the Gering, Mitchal, Tri-State, Ramshorn and French, which were constructed by private groups. The Gering-Fort Laramie, Pathfinder and French Districts irrigate lands in both Nebraska and Wyoming, while the others only irrigate lands in Nebraska. All of them divert from the North Platte River above the State Line (Tri-State Dam) as used in the decree. All of the districts except Mitchell, Ramshorn and French have storage water

rights in Pathfinder Reservoir in addition to their natural flow rights. No natural flow developing in this section can be demanded for canals below the State Line even though they have senior natural flow rights.

The Mitchell Canal received no storage water in 1954 and was closed to natural flow for eight days in July and finally closed for the season on August 4. The Ramshorn received no water after July 9 and the French Canal was never opened to water the entire season.

The Gering-Fort Laramie and Pathfinder Districts received their last natural flow for Nebraska lands on July 7 but finished the season to September 22 with rationed Pathfinder storage water. The Northport District used up its allocation of Pathfinder storage on August 19, but was able to finish the season with about 175 second-feet of natural flow daily from drains allocated to them by virtue of a Federal Court decision.

The Gering Irrigation District received its last natural flow on July 28 and last storage water on August 31. The Farmers Irrigation District which has the oldest right in this section of the river received some natural flow for the entire season and supplemented it with Pathfinder storage water until August 19, when its storage allotment was exhausted. From August 19 to the end of the season the district received natural flow to the extent of about one-half its normal needs.

Even with the aforementioned shortages the 1954 crops in this section produced at about the normal rate. Normal production was, of course, the result of timely rains, and conservation measures adopted by the water users, realizing from the start a shortage would prevail.

On the section of the North Platte from the State line east to Bridgeport all canals received an adequate supply of natural flow. While the Short Line and Nine Mile Canals were closed from July 12 to 21, a special arrangement whereby four other canals accepted a voluntary reduction of 40%, permitted them to open up to 60% of their legal rate of diversion on July 21 for the remainder of the season. Because of this special voluntary agreement all canals in this section had a successful season insofar as crop production was concerned.

All canals with priority antedating April 12, 1894, and located on the North Platte between Bridgeport and Lewellen, were closed intermittently from July 8 to 28 and on July 28 they were closed until August 15, however, on July 28 all those desiring to do so arranged to use Kingsley storage water on an exchange basis since they were located above the reservoir, which permited them to finish the season with only minor crop damage because of the natural flow shortage.

During the 1954 season the Department administered both natural flow and Kingsley storage water in a more comprehensive manner than ever before on the section of the river from Kingsley Dam to Kearney. We were able to do this because part of Sutherland Reservoir storage was transferred to the Kingsley Reservoir by virtue of a permit approved by the Department and because of an opinion given the Department by the Attorney General. The opinion approved the transportation of Tri-County storage water through the Sutherland Canal and the transportation of Sutherland storage water through the Tri-County Canal. This same method of transporting natural flow is also permissable so long as it can be finally delivered to the user in order of priority and without increased loss.

Because of the extremely dry season in 1954, the canals between Kingsley Dam and Kearney with rights junior to July 5, 1890 began taking storage water on June 26 and continued until August 17 when natural flow again became available. During this period the canals used about 101,000 acre-feet of Kingsley and Sutherland storage water for irrigation. This figure does not include storage water used by Tri-County for their irrigation or for Platte Valley and Tri-County power.

During the period from July 14 to September 1, 1954 it was necessary to close all irrigation appropriations junior to July 26, 1894 on the North Platte River and its tributaries between Kingsley Dam and Kearney, and on the South Platte River and its tributaries from Julesburg, Colorado, to North Platte. All of the larger canals in this section that were closed obtained storage water. Therefore, these closing orders adversely affected only a relatively small acreage.

Water shortages were quite acute on Pumpkinseed Creek and on the Niobrara River. On both of these streams all of the canals but a few with very old priorities were closed to natural flow from early in July to late in September 1954. The Mirage Flats Irrigation District on the Niobrara River was dependent upon the water stored in the Box Butte Reservoir for most of its supply. By being conservative a substantial amount of water was carried over in the reservoir at the end of the 1954 irrigation season for the future use of the district.

Precipitation and runoff in the Republican River Basin were unusually low during both years of the biennium. Because of the short water supply all irrigation appropriations in the basin except those having very early priorities were closed to natural flow throughout the major portions of both irrigation seasons. Where it was physically possible to do so, and the appropriator desired the service, these natural flow shortages were made up with storage water released from the Enders Reservoir, Swanson Lake and

Harry Strunk Lake under temporary contracts with the United States Bureau of Reclamation, the owner of the reservoirs.

As related in more detail elsewhere in this report, irrigation was extended to additional lands along the Republican River under the Cambridge, Superior and Courtland Canals. The Franklin Pump Canal started operating in 1953 and the Bartley Canal and Franklin Canal were operated for the first time in 1954.

No serious administrative problems arose in the Republican River Basin. However, because of the increased use of water by individuals pumping from streams, the new storage reservoirs and the new irrigation systems constructed under the basin development program, additional personnel is now required to distribute the available water supply.

The supply of water in the Loup River Basin while much less than normal was generally adequate for the needs of all irrigation appropriators. Two major exceptions to this were on Mud Creek, a tributary to the South Loup River, and on Shell Creek. Mud Creek is over-appropriated and some regulation is required nearly every summer under normal conditions. The Department had never been called on to administer the waters of Shell Creek prior to 1954.

For the first time in history it was necessary in 1954 for the Department to administer water in the Big Blue River Basin because there was insufficient water to supply the needs of all the irrigation appropriators. During the last two weeks in July, 1954 we were required to close nearly all of the irrigation pumps on the Big Blue River upstream from Seward to supply three or four of the older appropriations. During the same period, frequent regulation of diversions from the West Fork of the Big Blue River between Hastings and Harvard was required to distribute the water supply in order of priority.

The shortage of water in the Big Blue River and other streams was not all due to deficient runoff. A substantial increase during the biennium in the number of acres irrigated from these sources was also a factor. An examination of the Statistical Summary elsewhere in this report will disclose that 889 applications for water appropriations were filed during the current biennium compared with 296 during the biennium ending September 30, 1952. A relatively large percentage of the applications filed during the last two years were from streams in the eastern half of the State where irrigation was generally considered unprofitable a few years ago.

A fine spirit of cooperation prevailed throughout the biennium between the irrigation interests and the Department. Department officials greatly appreciated the splendid attitude generally shown by water users in helping to conserve the meager water supply and

in complying with regulatory measures which the Department was required to take.

HYDROGRAPHY

The cooperative stream gaging program of the U. S. Geological Survey and the Department of Roads and Irrigation continued during the biennium on a dollar-for-dollar matching basis, each agency providing $40,000 or equivalent service annually. There was an average of seventy-two gaging stations maintained and operated under the cooperative program during 1953 and 1954. In addition, the Geological Survey has been maintaining about ninety-four other stations in the State in connection with Inter-State Compacts and in the interests of Federal Agencies engaged in planning water resources developments in the Missouri River Basin.

During the biennium the Department employed eleven engineers and hydrographers whose time was devoted to the recording of flows in streams and canals. In addition to routine hydrographic work the Department frequently assists other State and Federal agencies with special surface water studies. In 1953 and 1954 assistance was given to the State Health Department, and the U. S. Public Health Service in the recording of waste water flows from the sugar factory at Bayard and sewage from the City of Kearney.

NEW DEVELOPMENT

A substantial acreage of new land was placed under irrigation during 1953 and 1954 by the diversion of water from the natural streams of the State. Probably the greatest total expansion of irrigation from this source came about through individuals pumping from streams in the eastern and central parts of Nebraska where little or no use of this relatively ample supply had previously been made. However, some rather extensive expansion occurred under district or group effort.

The Central Nebraska Public Power and Irrigation District extended its irrigation system in the spring of 1954 when the E-67 Lateral system was completed to deliver water to an area in Gosper County north and east of Elwood.

Water is diverted from the outlet canal of Johnson Lake into the system which will eventually irrigate 6,300 acres of land. The cost of constructing the 24½ miles of laterals with a total initial capacity of 80 second-feet was $146,000. Approximately 4,100 acres were watered in 1954 under the E-67 system. Total irrigation from The Central Nebraska District's system was 109,000 acres during 1954.

During 1954 The Central Nebraska District initiated an expanded service program with the objective of making possible the

delivery of a minimum of one and one-half acre-feet per acre to the 98,000 acres being irrigated under the Phelps County and E-65 Canals.

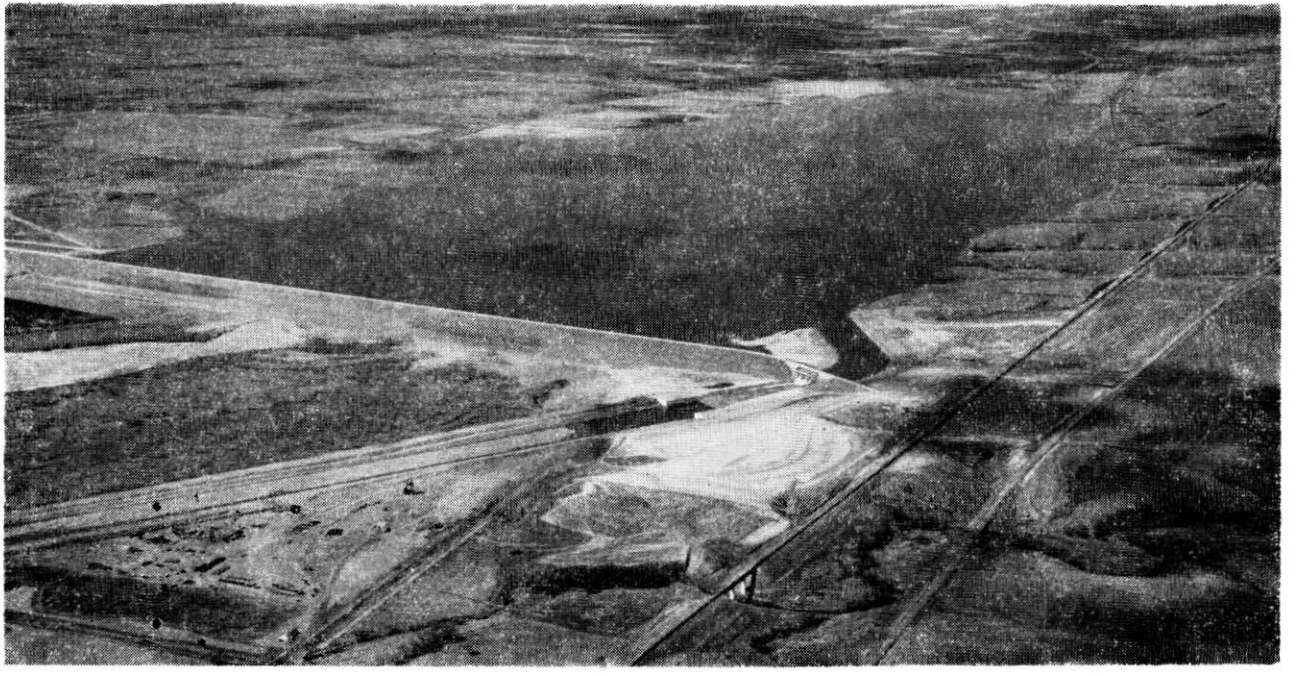
The objective is expected to be accomplished during 1955 largely through the reduction of canal losses by bentonite treatment of parts of the canals and by the pumping of groundwater into the lower portions of the E-65 Lateral from ten deep wells along the canal. Five of the wells were completed in the spring of 1954 and they were used during the last irrigation season. Five more wells were installed later and will be available for 1955 use.

The Gering-Fort Laramie Irrigation District and the Northport Irrigation District in cooperation with the U. S. Bureau of Reclamation continued canal rehabilitation work. This consisted of the placing of 7.1 miles of asphalt membrane lining in the Fort Laramie Canal and 3700 feet of asphalt lining in the Northport Canal. Other work of importance in this connection was the construction of the Browns Canyon Dam No. 1 and drop structure on Brown's Canyon Siphon, and the construction of new diversion structures on the Dry Spotted Tail Creek and Tub Springs Creek.

Continued progress was made on the construction of Bureau of Reclamation projects in the Nebraska portion of the Republican River Basin during the past two-year period ending September 30, 1954. Trenton Dam creating Swanson Lake, largest of three multiple purpose dams and reservoirs in the Frenchman-Cambridge Division, joined the ranks of completion alongside Enders Dam and Reservoir, and Medicine Creek Dam forming Harry Strunk Lake. A major diversion dam, approximately 27 miles of canals, and 33 miles of laterals were completed in the Frenchman-Cambridge Division. Construction of irrigation facilities in the Nebraska portion of the Bostwick Division also advanced at an appreciable rate with about 37 miles of canal and 23 miles of laterals either completed or essentially completed during the period.

The earth-fill Trenton Dam, on which construction was initiated in August 1949, was completed in December 1953. This included the relocation of approximately 19 miles of the CB&Q Railroad main line and 8½ miles of U. S. Highway No. 34 around Swanson Lake. The dam is 8,600 feet long and rises 103 feet above streambed. Water was released from the reservoir to provide irrigation benefits to some 4,000 acres, during the 1954 irrigation season.

Final work was completed in April 1954 on the Bartley Diversion Dam located on the Republican River 2 miles downstream from Indianola, Nebraska. Award of contract was made for the construction of Bartley Canal and Laterals in June 1953. The 19 miles of canal and 13 miles of laterals involved were substantially completed by the end of September 1954. The minor amount of work remaining on these features is to be accomplished by the end



Aerial view of Trenton Storage Dam and Outlet Works on Republican River near Trenton. Completed in 1953.

of December 1954. Facilities will thus be available for the irrigation of 6,500 acres in 1955.

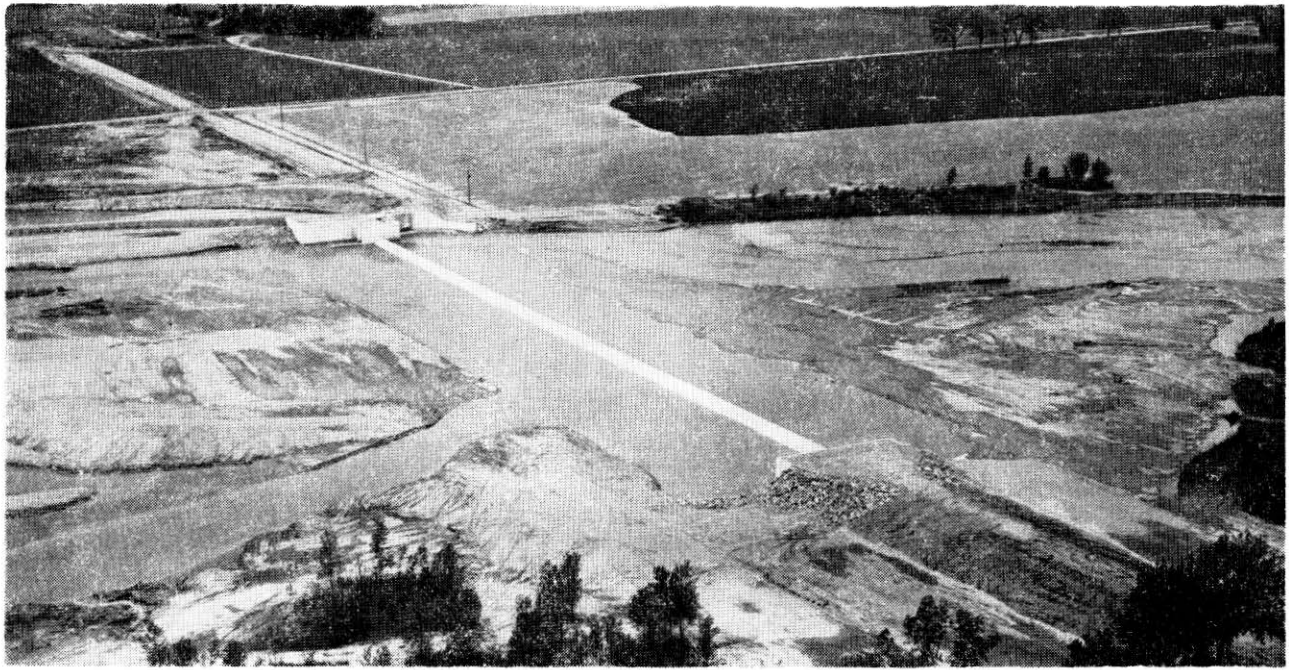
Construction work on the entire Cambridge Canal and Laterals will soon come to an end. The last 20 miles of canals and 8 miles of laterals are scheduled for completion in February 1955. During the biennium, a 10-mile section of the canal between Edison and Oxford was built. Also completed was 20 miles of laterals under the Cambridge Canal serving valley lands from the Cambridge Diversion Dam, constructed in 1949, to the town of Oxford. By the beginning of the 1955 irrigation season, combined facilities of the Cambridge Unit can provide service to approximately 15,000 acres.

Construction is well advanced on canals and laterals being built to irrigate lands in the Nebraska-Bostwick Irrigation District. Ultimately, planned facilities will provide irrigation for over 24,000 acres in the district. The Corps of Engineers' Harlan County Reservoir is the source of water supply. Already constructed are the Superior-Courtland Diversion Dam, Superior Canal and that portion of Courtland Canal reaching to the Nebraska-Kansas state line. Both canals originate at the diversion dam located near Guide Rock. The Courtland Canal extends well into Kansas to serve a large area.

Completed in March 1953 were the Franklin Southside Pumping Plant, Canal, and laterals, consisting of 5 miles of canals and 5 miles of laterals. The pump was in operation during both the 1953 and 1954 irrigation season. Of approximately 2,000 acres which can be irrigated, over 1,300 acres received water during 1954.

Two canals, Naponee and Franklin, originate at the outlet works through Harlan County Dam on the south and north sides of the Republican River, respectively. The first 23 miles of Franklin Canal extending from the dam to Riverton was completed by September 1954. The contract for the construction of laterals under that segment of Franklin Canal together with all of Naponee Canal and laterals, totaling 9 miles of canal and 17½ miles of laterals, was awarded in July 1953. Work on these features was virtually completed by September 1954. Construction of the remainder of the 54-mile Franklin Canal and related laterals is scheduled for completion in the next two years, which will bring development of the main irrigation facilities of the Nebraska district to an end. The combined Naponee and Franklin systems will provide for the ultimate irrigation of 13,500 acres.

In August 1954 the 83rd Congress appropriated $1,000,000 to start construction of the 17,000-acre Sargent Unit on the Middle Loup River near Sargent. Construction plans were well advanced and on September 13, 1954 invitations for bids on the construction of the Milburn Diversion Dam were issued by the Bureau of Reclamation. The Milburn Diversion Dam will divert water into the proposed Sargent Canal.



Aerial view of Bartley Diversion Dam and Headgate on Republican River near Indianola. Completed in 1954.

Opening of bids on the first section of the Sargent Canal was scheduled for November 15, 1954. It is anticipated that contracts for the second section of canal and the first-half of the lateral system will be let early in 1955, and that the third, or last section of canal and remaining laterals will be under construction early in fiscal year 1956, if adequate funds are appropriated.

The Sargent Irrigation District in September 1954 entered into a contract with the Bureau of Reclamation for the payment of the reimbursable costs of the irrigation distribution system.

Another new start of importance to Nebraska is the Glendo Unit in Wyoming. The 83rd Congress provided $1,000,000 for the initiation of construction on this unit. Specificactions for the initial contract on Glendo Dam were issued on September 1954 with opening of bids scheduled for early November.

Initial storage in Glendo Reservoir is anticipated early in 1958. The Glendo power plant is scheduled for completion in 1959 and the Fremont Canyon power plant, another feature of the unit, is scheduled for completion in 1961.

The Glendo Reservoir on the North Platte River about 60 miles upstream from the Nebraska-Wyoming State Line will have a total capacity of 1,088,000 acre-feet, including surcharge. The principle benefits will come through the operation of the facility to re-regulate irrigation and power water released from Pathfinder Reservoir. In addition, a maximum of 40,000 acre-feet of natural flow may be stored annually in the reservoir under the terms of the modified decree of the U. S. Supreme Court on the North Platte River, 25,000 acre-feet of which may be used on Nebraska lands and 15,000 on Wyoming lands.

The Glendo power plant will consist of two 12,000 kilowatt generating units and the Fremont Canyon plant will have two 24,000 kilowatt units. The estimated average annual increase in hydroelectric energy attributable to the Glendo Unit is in excess of 310,000,000 kilowatt hours. The total cost of the Glendo Unit is estimated to be $44,300,000.

The Nebraska Mid-State Reclamation District completed a feasibility report on its proposed project to utilize the waters of the Platte River for the irrigation of a large area in the Platte Valley north of the river in central Nebraska and for the generation of hydroelectric energy. The district was sponsoring legislation which would provide interest-free Federal funds for the construction of the irrigation features and non-reimbursable Federal funds for the flood-control and recreational benefits.

The landowners in the Ainsworth Unit on the Niobrara River organized the Ainsworth Irrigation District in 1953 and are pre-

pared to negotiate a repayment contract with the Bureau of Reclamation for the construction of the irrigation system to serve the unit of some 34,000 acres near Ainsworth. The possibility of the early construction of this project appears to be quite remote because of the inability of the proponents to reach an amicable understanding with landowners through whose land the supply canal would pass.

The landowners of the Farwell Unit in the Middle Loup River Basin, near St. Paul and Farwell, accomplished the formation of the Farwell Irrigation District during the summer of 1954. They are now in a position to negotiate a repayment contract with the Bureau of Reclamation when funds become available for construction of facilities for this 60,000 acre unit.

The Twin Loups Reclamation District embracing lands in the North Loup and Loup River Basins was organized during 1954. This district consists of some 120,000 acres of land in Valley, Greeley, Howard and Nance Counties. This is the third conservancy type district to be organized in the State under the Nebraska Reclamation Act of 1947.

The Bureau of Irrigation, Water Power and Drainage, in addition to its routine duties carried out numerous other assignments. One of the more important of these was participation in the negotiations of a modification of the U. S. Supreme Court Decree on the North Platte River which was agreed upon and then approved by the Court in June 1953. This modification reduced the limitations on Colorado and paved the way for the construction of the Glendo Reservoir from which Wyoming and Nebraska will benefit materially. The original decree and the 1953 modifications are printed in full on pages 26-37.

A substantial proportion of the time of personnel of the department was consumed in attending meetings of the Missouri Basin Inter-Agency Committee and sub-committees of that body concerned with the allocation of power from Missouri River hydroelectric plants, the development of a procedure for administering and managing the Federal projects constructed in the basin and other matters relating to basin development.

Another responsibility now temporarily assigned to the Bureau of Irrigation is that of clearing for the State applications by local bodies for watershed planning under Public Law 566, the Watershed Protection and Flood Prevention Act. Five applications, covering watersheds from Sheridan County to Nemaha County, were handled and recommended for approval after the act became effective on August 4, 1954.

PUBLIC POWER AND IRRIGATION DISTRICTS

The responsibilities of the Department in connection with public power and irrigation districts have been carried out by the Bureau of Irrigation, Water Power and Drainage. The most important of these functions are the approval of petitions for creation of such districts and amendments thereto, and the supervision of the letting of contracts by the districts.

During the biennium the Department approved petitions for the creation of the Franklin County Rural Public Power District, the Imperial Public Power District, the Southwest Public Power District and the Wheat Belt Public Power District. The headquarters and territories of the new districts are listed elsewhere in this report. Petitions to amend the creative petitions of three rural public power districts were also approved.

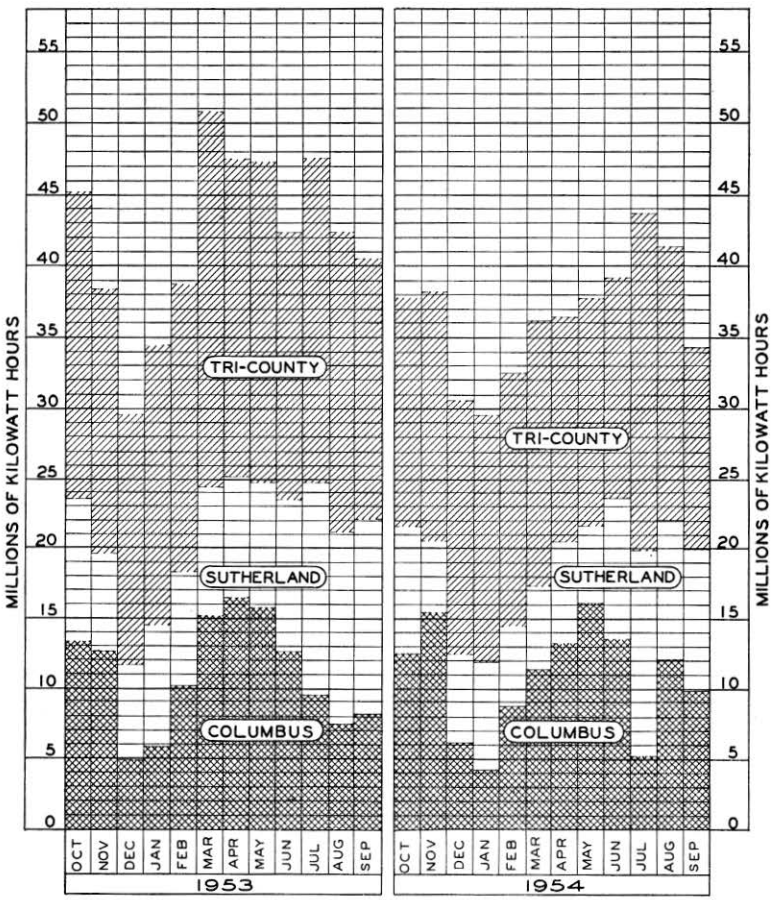
The Department supervised the receiving of bids by the districts for equipment, materials, construction, etc., involving the awarding of 195 contracts with a total value of more than $11,000,000.00. A list of the districts holding lettings supervised by the Department and data concerning contract awards follows:

Name of District	Address	Number of Lettings	Value of Contracts Awarded
Butler County Rural Public Power District	David City	2	$273,332.00
The Central Nebraska Public Power and Irrig. Dist.	Hastings	20	390,205.42
Consumers Public Power District	Columbus	57	1,534,671.57
Cornhusker Rural Public Power District	Columbus	1	17,832.60
Custer Public Power District	Broken Bow	3	713,814.75
Dawson County Public Power District	Lexington	7	1,844,335.77
Elkhorn Rural Public Power District	Battle Creek	1	164,086.44
Howard-Greeley Rural Public Power District	St. Paul	1	80,333.70
Imperial Public Power District	Imperial	1	113,372.69
KBR Rural Public Power District	Ainsworth	6	1,119,875.97
Loup River Public Power District	Columbus	52	3,683,307.34
Norris Rural Public Power District	Beatrice	1	3,008.80
Northeast Nebraska Rural Public Power District	Emerson	4	124,245.85
North Loup River Public Power District	Ord	3	6,148.09
Northwest Rural Public Power District	Hay Springs	2	250,705.44
Omaha Public Power District	Omaha	29	600,086.14
Platte Valley Public Power and Irrigation Dist.	North Platte	2	40,742.35
Polk County Rural Public Power District	Stromsburg	1	57,488.34
Stanton County Rural Public Power District	Stanton	2	133,855.64
		195	$11,151,448.90

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, 1954:

Applications for water appropriations	889
Appropriations canceled	112
Appropriations canceled in part	17
Applications dismissed	7
Claim for water appropriation adjudicated	1
Applications to use ground water for irrigation filed	835
Total ground water applications filed pending enactment of legislation	1337*
Hearings held Re: Water appropriations	4
Hearings held Re: Rural Public Power Districts	1
Relocation permits	16
Permit to change site of storage water	1
Irrigation Districts organized under Ch. 46-101, R. S. 1943	3
Reclamation District organized under Art. 5, Ch. 46, R. S., 1943	1
Rural Electrification Districts organized	4
Deeds recorded (involving 98 appropriations)	65
Reports of field investigations	203
Maps and Plans	535
Stream measurements	9440
Canal measurements	8469
Stream gaging stations with recording gages	165
Stream gaging stations without recording gages	27
Canal gaging stations with recording gages	63
Fees collected covering:	
Applications, plans, power leases, deeds, petitions, certificates, and copying records	$53,112.43

* There is no law upon the statutes governing the use of ground water for irrigation, and each application is accepted for whatever value it may have pending enactment of legislation.

COURT DECISIONS

COURT DECISIONS

During the October Term, 1952, the Supreme Court of the United States modified the North Platte River Decree dated October 8, 1945. Following is a copy of the original Decree, and a copy of the Order Modifying and Supplementing said original Decree:

SUPREME COURT OF THE UNITED STATES

No. 6, Original.—October Term, 1945.

THE STATE OF NEBRASKA, Complainant,
V.
THE STATE OF WYOMING, Defendant, and
the State of Colorado, Impleaded Defendant,
The United States of America, Intervenor.

IN EQUITY.

(October 8, 1945.)

This cause having been heretofore submitted on the report of the Special Master and the exceptions of the parties thereto, and the Court being now fully advised in the premises:

It is ordered, adjudged and decreed that:

I. The State of Colorado, its officers, attorneys, agents and employees, be and they are hereby severally enjoined

(a) From diverting or permitting the diversion of water from the North Platte River and its tributaries for the irrigation of more than a total of 135,000 acres of land in Jackson County, Colorado, during any one irrigation season;

(b) From storing or permitting the storage of more than a total amount of 17,000 acre feet of water for irrigation purposes from the North Platte River and its tributaries in Jackson County, Colorado, between October 1 of any year and September 30 of the following year;

(c) From exporting out of the basin of the North Platte River and its tributaries in Jackson County, Colorado, to any other stream basin or basins more than 60,000 acre feet of water in any period of ten consecutive years reckoned in continuing progressive series beginning with October 1, 1945.

II. Exclusive of the Kendrick Project and Seminoe Reservoir the State of Wyoming, its officers, attorneys, agents and employees, be and they are hereby severally enjoined

(a) From diverting or permitting the diversion of water from the North Platte River above the Guernsey Reservoir and

from the tributaries entering the North Platte River above the Pathfinder Dam for the irrigation of more than a total of 168,000 acres of land in Wyoming during any one irrigation season.

(b) From storing or permitting the storage of more than a total amount of 18,000 acre feet of water for irrigation purposes from the North Platte River and its tributaries above the Pathfinder Reservoir between October 1 of any year and September 30 of the following year.

III. The State of Wyoming, its officers, attorneys, agents and employees, be and they are hereby severally enjoined from storing or permitting the storage of water in Pathfinder, Guernsey, Seminoe and Alcova Reservoirs otherwise than in accordance with the relative storage rights, as among themselves, of such reservoirs, which are hereby defined and fixed as follows:

First, Pathfinder Reservoir;
Second, Guernsey Reservoir;
Third, Seminoe Reservoir; and
Fourth, Alcova Reservoir;

Provided, however, that water may be impounded in or released from Seminoe Reservoir, contrary to the foregoing rule of priority operation for use in the generation of electric power when and only when such storage or release will not materially interfere with the administration of water for irrigation purposes according to the priority decreed for the French Canal and the State Line Canals.

IV. The State of Wyoming, its officers, attorneys, agents and employees be and they are hereby severally enjoined from storing or permitting the storage of water in Pathfinder, Guernsey, Seminoe or Alcova Reservoirs, and from the diversion of natural flow water through the Casper Canal for the Kendrick Project between and including May 1 and September 30 of each year otherwise than in accordance with the rule of priority in relation to the appropriations of the Nebraska lands supplied by the French Canal and by the State Line Canals, which said Nebraska appropriations are hereby adjudged to be senior to said four reservoirs and said Casper Canal, and which said Nebraska appropriations are hereby identified and defined, and their diversion limitations in second feet and seasonal limitations in acre feet fixed as follows:

Lands	Canal	Limitation in Sec. Feet	Seasonal Limitation in Acre Feet
Tract of 1025 acres	French	15	2,227
Mitchell Irrigation District	Mitchell	195	35,000
Gering Irrigation District	Gering	193	36,000
Farmers Irrigation District	Tri-State	748	183,050
Ramshorn Irrigation District	Ramshorn	14	3,000

V. The natural flow in the Guernsey Dam to Tri-State Dam section between and including May 1 and September 30 of each year, including the contribution of Spring Creek, be and the same hereby is apportioned between Wyoming and Nebraska on the basis of twenty-five per cent to Wyoming and seventy-five per cent to Nebraska, with the right granted Nebraska to designate from time to time the portion of its share which shall be delivered into the Interstate, Fort Laramie, French and Mitchell Canals for use on the Nebraska lands served by these canals. The State of Nebraska, its officers, attorneys, agents and employees, and the State of Wyoming, its officers, attorneys, agents and employees, are hereby enjoined and restrained from diversion or use contrary to this apportionment, provided that in the apportionment of water in this section the flow for each day, until ascertainable, shall be assumed to be the same as that of the preceding day, as shown by the measurements and computations for that day, and provided further, that unless and until Nebraska, Wyoming and the United States agree upon a modification thereof, or upon another formula reservoir evaporation and transportation losses in the segregation of natural flow and storage shall be computed in accordance with the following formula taken from United States' Exhibit 204A:

Reservoir Evaporation Losses.

Seminoe, Pathfinder and Alcova Reservoirs.

Evaporation will be computed daily based upon evaporation from Weather Bureau Standard 4 foot diameter Class "A" pan located at Pathfinder reservoir. Daily evaporation will be multiplied by area of water surface of reservoir in acres and by co-efficient of 70% to reduce pan record to open water surface.

Guernsey Reservoir.

Compute same as above except use pan evaporation at Whalen Dam.

River Carriage Losses.

River carriage losses will be computed upon basis of area of river water surface as determined by aerial surveys made in 1939 and previous years and upon average monthly evaporation at Pathfinder reservoir for the period 1921 to 1939, inclusive, using a co-efficient of 70% to reduce pan records to open water surface.

Daily evaporation losses in second-feet for various sections of the river are shown in the following table:

River Section	Area Acres	Daily Loss—Second Feet May	June	July	Aug.	Sept.
Alcova to Wendover	8,360	53	76	87	76	56
Guernsey Res. to Whalen	560	4	5	6	5	4
Whalen to State Line	2,430	16	22	25	22	16

Above table is based upon mean evaporation at Pathfinder as follows: May .561 ft.; June .767 ft.; July .910 ft.; Aug. .799 ft.; Sept. .568 ft. Co-efficient of 70% to reduce pan record to open water surface.

Above table does not contain computed loss for section of river from Pathfinder dam to head of Alcova reservoir (area 170 acres) because this area is less than submerged area of original river bed in Alcova reservoir and is, therefore, considered as off-set.

Likewise the area between Seminoe dam and head of Pathfinder reservoir is less than area of original river bed through Pathfinder reservoir—considered as off-set. Evaporation losses will be divided between natural flow and storage water flowing in any section of river channel upon a proportional basis. This proportion will ordinarily be determined at the upper end of the section except under conditions of intervening accruals or diversions that materially change the ratio of storage to natural flow at the lower end of the section. In such event the average proportion for the section will be determined by using the mean ratio for the two ends of the section.

In the determination of transportation losses for the various sections of the stream, such time intervals for the passage of water from point to point shall be used as may be agreed upon by Nebraska, Wyoming and the United States, or in the absence of such agreement, as may be decided upon from day to day by the manager of the government reservoirs, with such adjustments to be made by said manager from time to time as may be necessary to make as accurate a segregation as is possible.

VI. This decree is intended to and does deal with and apportion only the natural flow of the North Platte River. Storage water shall not be affected by this decree and the owners of rights therein shall be permitted to distribute the same in accordance with any lawful contracts which they may have entered into or may in the future enter into, without interference because of this decree.

VII. Such additional gauging stations and measuring devices at or near the Wyoming-Nebraska state line, if any, as may be necessary for making any apportionment herein decreed, shall be constructed and maintained at the joint and equal expense of Wyoming and Nebraska to the extent that the costs thereof are not paid by others.

VIII. The State of Wyoming, its officers, attorneys, agents and employees be and they are hereby severally enjoined from diverting or permitting the diversion of water from the North Platte River or its tributaries at or above Alcova Reservoir in lieu of or in exchange for return flow water from the Kendrick Project reaching the North Platte River below Alcova Reservoir.

IX. The State of Wyoming and the State of Colorado be and they hereby are each required to prepare and maintain complete and accurate records of the total area of land irrigated and the storage and exportation of the water of the North Platte River and its tributaries within those portions of their respective jurisdictions covered by the provisions of paragraphs I and II hereof, and such records shall be available for inspection at all reasonable times; provided, however, that such records shall not be required in reference to the water uses permitted by paragraph X hereof.

X. This decree shall not affect or restrict the use or diversion of water from the North Platte River and its tributaries in Colorado or Wyoming for ordinary and usual domestic, municipal and stock watering purposes and consumption.

XI. For the purposes of this decree:

(a) "Season" or "seasonal" refers to the irrigation season, May 1 to September 30, inclusive;

(b) The term "storage water" as applied to releases from reservoirs owned and operated by the United States is defined as any water which is released from reservoirs for use on lands under canals having storage contracts in addition to the water which is discharged through those reservoirs to meet natural flow uses permitted by this decree;

(c) "Natural flow water" shall be taken as referring to all water in the stream except storage water;

(d) Return flows of Kendrick Project shall be deemed to be "natural flow water" when they have reached the North Platte River, and subject to the same diversion and use as any other natural flow in the stream.

XII. This decree shall not affect:

(a) The relative rights of water users within any one of the States who are parties to this suit except as may be otherwise specifically provided herein;

(b) Such claims as the United States has to storage water under Wyoming law; nor will the decree in any way interfere with the ownership and operation by the United States of the various federal storage and power plants, works and facilities.

(c) The use or disposition of any additional supply or supplies of water which in the future may be imported into the basin of the North Platte River from the water shed of an entirely separate stream, and which presently do not enter said basin, or the return flow from any such supply or supplies.

(d) The apportionment heretofore made by this Court between the States of Wyoming and Colorado of the waters of the Laramie River, a tributary of the North Platte River;

(e) The apportionment made by the compact between the States of Nebraska and Colorado, apportioning the water of the South Platte River.

XIII. Any of the parties may apply at the foot of this decree for its amendment or for further relief. The Court retains jurisdiction of this suit for the purpose of any order, direction, or modification of the decree, or any supplementary decree, that may at any time be deemed proper in relation to the subject matter in controversy. Matters with reference to which further relief may hereafter be sought shall include, but shall not be limited to, the following:

(a) The question of the applicability and effect of the Act of August 9, 1937, 50 Stat. 564, 595-596, upon the rights of Colorado and its water users when and if water hereafter is available for storage and use in connection with the Kendrick Project in Wyoming.

(b) The question of the effect upon the rights of upstream areas of the construction or threatened construction in downstream areas of any project not now existing or recognized in this decree;

(c) The question of the effect of the construction or threatened construction of storage capacity not now existing on tributaries entering the North Platte River between Pathfinder Reservoir and Guernsey Reservoir;

(d) The question of the right to divert at or above the headgate of the Casper Canal any water in lieu of, or in exchange for, any water developed by artificial drainage to the river of sump areas on the Kendrick Project;

(e) Any question relating to the joint operation of Pathfinder, Guernsey, Seminoe and Alcova Reservoirs whenever changed conditions make such joint operation possible.

(f) Any change in conditions making modification of the decree or the granting of further relief necessary or appropriate.

XIV. The costs in this cause shall be apportioned and paid as follows: the State of Colorado one-fifth; the State of Wyoming two-fifths; and the State of Nebraska two-fifths. Payment of the fees and expenses of the Special Master has been provided by a previous order of this Court.

XV. The clerk of this Court shall transmit to the chief magistrates of the States of Colorado, Wyoming, and Nebraska, copies of this decree duly authenticated under the seal of this court.

IN THE SUPREME COURT OF THE UNITED STATES

OCTOBER TERM, 1952

No. 5 Original

THE STATE OF NEBRASKA, Complainant,

V.

THE STATE OF WYOMING, Defendant,

and

THE STATE OF COLORADO, Impleaded Defendant,

THE UNITED STATES OF AMERICA, Intervener.

ORDER MODIFYING AND SUPPLEMENTING DECREE OF OCTOBER 8, 1945.

The parties to this cause having filed a stipulation, dated January 14, 1953, and a joint motion for approval of the stipulation and to modify and supplement the decree entered on October 8, 1945 (325 U. S. 665) and the Court being fully advised:

The stipulation dated January 14, 1953, is approved; and

IT IS Ordered that the decree of October 8, 1945, is hereby modified and supplemented as follows:

1. In paragraph I (a) of the decree the figure "145,000" is substituted for the figure "135,000."

2. Paragraph XIII is amended by striking the first sentence and substituting for it the following:

> Any of the parties may apply at the foot of this decree for its amendment or for further relief, except that for a period of five years from and after [the date of the entry of this order to be inserted by the Court] the State of Colorado shall not institute any proceedings for the amendment of the decree or for further relief. In the event that within said period of five years any other party applies for an amendment of the decree or for further relief, then the State of Colorado may assert any and all rights, claims or defenses available to it under the decree as amended.

3. Two new paragraphs, as follows, are added to the decree:

> XVI. Whatever claims or defenses the parties or any of them may have in respect to the application, interpretation or construction of the Act of August 9, 1937 (50 Stat. 564-595) shall be determined without prejudice to any party arising because of any development of the Kendrick Project occurring subsequent to October 1, 1951.
>
> XVII. When Glendo Dam and Reservoir are constructed, the following provisions shall be effective:

(a) The construction and operation of the Glendo Project shall not impose any demand on areas at or above Seminoe Reservoir which will prejudice any rights that the State of Colorado or Wyoming might have to secure a modification of the decree permitting an expansion of water uses in the natural basin of the North Platte River in Colorado or above Seminoe Reservoir in Wyoming.

(b) The construction and operation of Glendo Reservoir shall not affect the regimen of the natural flow of the North Platte River above Pathfinder Dam. The regimen of the natural flow of the North Platte River below Pathfinder Dam shall not be changed, except that not more than 40,000 acre feet of the natural flow of the North Platte River and its tributaries which cannot be stored in upstream reservoirs under the provisions of this decree may be stored in the Glendo Reservoir during any water year, in addition to evaporation losses on such storage, and, further, the amount of such storage water that may be held in storage at any one time, including carryover storage, shall never exceed 100,000 acre feet. Such storage water shall be disposed of in accordance with contracts to be hereafter executed, and it may be used for the irrigation of lands in the basin of the North Platte River in western Nebraska to the extent of 25,000 acre feet annually, and for the irrigation of lands in the basin of the North Platte River in southeastern Wyoming below Guernsey Reservoir to the extent of 15,000 acre feet annually, provided that it shall not be used as a substitute for storage water contracted for under any existing permanent arrangements. The above limitation on storage of natural flow does not apply to flood water which may be temporarily stored in any capacity allocated for flood control in the Glendo Reservoir, nor to water originally stored in Pathfinder Reservoir which may be temporarily re-stored in Glendo Reservoir after its release from Pathfinder and before its delivery pursuant to contract; nor to water which may be impounded behind Glendo Dam, as provided in the Bureau of Reclamation Definite Plan Report for the Glendo Unit dated December 1952, for the purpose of creating a head for the development of water power.

(c) Paragraph III of the decree is amended to read as follows:

III. The State of Wyoming, its officers, attorneys, agents and employees, be and they are hereby severally enjoined from storing or permitting the storage of water in Pathfinder, Guernsey, Seminoe, Alcova and Glendo Reservoirs otherwise than in accordance with the relative storage

rights, as among themselves, of such reservoirs, which are hereby defined and fixed as follows:

First, Pathfinder Reservoir;
Second, Guernsey Reservoir;
Third, Seminoe Reservoir;
Fourth, Alcova Reservoir; and
Fifth, Glendo Reservoir;

Provided, however that water may be impounded in or released from Seminoe Reservoir, contrary to the foregoing rule of priority operation for use in the generation of electric power when and only when such storage or release will not materially interfere with the administration of water for irrigation purposes according to the priority decreed for the French Canal and the State Line Canals.

Storage rights of Glendo Reservoir shall be subject to the provisions of this paragraph III.

(d) Paragraph IV of the decree is amended to read as follows:

IV. The State of Wyoming, its officers, attorneys, agents and employees be and they are hereby severally enjoined from storing or permitting the storage of water in Pathfinder, Guernsey, Seminoe, Alcova and Glendo Reservoirs, and from the diversion of natural flow water through the Casper Canal for the Kendrick Project between and including May 1 and September 30 of each year otherwise than in accordance with the rule of priority in relation to the appropriations of the Nebraska lands supplied by the French Canal and by the State Line Canals, which said Nebraska appropriations are hereby adjudged to be senior to said five reservoirs and said Casper Canal, and which said Nebraska appropriations are hereby identified and defined, and their diversion limitations in second feet and seasonal limitations in acre feet fixed as follows:

Lands	Canal	Limitation in Sec. Feet	Seasonal Limitation in Acre Feet
Tract of 1025 acres	French	15	2,227
Mitchell Irrigation District	Mitchell	195	35,000
Gering Irrigation District	Gering	193	36,000
Farmers Irrigation District	Tri-State	748	183,050
Ramshorn Irrigation District	Ramshorn	14	3,000

(e) Paragraph V of the Decree is amended to read as follows:

V. The natural flow in the Guernsey Dam to Tri-State Dam section between and including May 1 and September

30 of each year, including the contribution of Spring Creek, be and the same hereby is apportioned between Wyoming and Nebraska on the basis of twenty-five per cent to Wyoming and seventy-five per cent to Nebraska, with the right granted Nebraska to designate from time to time the portion of its share which shall be delivered into the Interstate, Fort Laramie, French and Mitchell Canals for use on the Nebraska lands served by these canals. The State of Nebraska, its officers, attorneys, agents and employees, and the State of Wyoming, its officers, attorneys, agents and employees, are hereby enjoined and restrained from diversion or use contrary to this apportionment, provided that in the apportionment of water in this section the flow for each day, until ascertainable, shall be assumed to be the same as that of the preceding day, as shown by the measurements and computations for that day, and provided further, that unless and until Nebraska, Wyoming and the United States agree upon a modification thereof, or upon another formula, reservoir evaporation and transportation losses in the segregation of natural flow and storage shall be computed in accordance with the following formula taken from United States' Exhibit 204A and the stipulation of the parties dated January 14, 1953, and filed on January 30, 1953:

Reservoir Evaporation Losses.

Seminoe, Pathfinder and Alcova Reservoirs.

Evaporation will be computed daily based upon evaporation from Weather Bureau Standard 4 foot diameter Class "A' pan located at Pathfinder Reservoir. Daily evaporation will be multiplied by area of water surface of reservoir in acres and by co-efficient of 70% to reduce pan record to open water surface.

Glendo and Guernsey Reservoirs.

Compute same as above except use pan evaporation at Whalen Dam.

River Carriage Losses.

River carriage losses will be computed upon basis of area of river water surface as determined by aerial surveys made in 1939 and previous years and upon average monthly evaporation at Pathfinder reservoir for the period 1921 to 1939, inclusive, using a co-efficient of 70% to reduce pan records to open water surface.

Daily evaporation losses in second-feet for various sections of the river are shown in the following table:

TABLE

River Section	Area Acres	Daily Loss—Second Feet May	June	July	Aug.	Sept.
Alcova to Glendo Reservoir	6,740	43	61	70	61	45
Guernsey Reservoir to Whalen	560	4	5	6	5	4
Whalen to State Line	2,430	16	22	25	22	16

Above table is based upon mean evaporation at Pathfinder as follows: May .561 ft.; June .767 ft.; July .910 ft.; Aug. .799 ft.; Sept. .568 ft. Co-efficient of 70% to reducec pan record to open water surface.

Above table does not contain computed loss for section of river from Glendo Dam to head of Guernsey Reservoir (area 680 acres) because this area is less than submerged area of original river bed (940 acres) in Glendo Reservoir and is, therefore, considered as off-set.
Above table does not contain computed loss for section of river from Pathfinder Dam to head of Alcova Reservoir (area 170 acres) because this area is less than submerged area of original river bed in Alcova Reservoir and is, therefore, considered as off-set.

Likewise the area between Seminoe Dam and head of Pathfinder Reservoir is less than area of original river bed through Pathfinder Reservoir—considered as off-set. Evaporation losses will be divided between natural flow and storage water flowing in any section of river channel upon a proportional basis. This proportion will ordinarily be determined at the upper end of the section except under conditions of intervening accruals or diversions that materially change the ratio of storage to natural flow at the lower end of the section. In such event the average proportion for the section will be determined by using the mean ratio for the two ends of the section.

In the determination of transportation losses for the various sections of the stream, such time intervals for the passage of water from point to point shall be used as may be agreed upon by Nebraska, Wyoming and the United States, or in the absence of such agreement, as may be decided upon from day to day by the manager of the government reservoirs, with such adjustments to be made by said manager from time to time as may be necessary to make as accurate a segregation as is possible.

VIC COVER ET AL., APPELLEES,
V.
PLATTE VALLEY PUBLIC POWER AND IRRIGATION DISTRICT, A PUBLIC CORPORATION, APPELLANT.

57 N. W. 2d 275

Filed March 6, 1953. No. 33261.

Waters: Negligence. An action for damages against an irrigation district for negligence in delivering or failure to deliver water to users from its canals may not be maintained unless notice in writing of the negligence or failure shall, within 30 days after the acts complained of are committed, be served upon the chairman of the board of directors of the district and unless an action for the damage shall be instituted within 1 year from the time the cause of action accrued.

APPEAL from the district court for Dawson County:

JOHN H. KUNS, Judge. Reversed and remanded with directions.

Crosby & Crosby, for appellant.

Smith Brothers, for appellees.

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

YEAGER, J.

This is an action for damages by Vic Cover, Jesse Henry, and Elvira Henry, plaintiffs and appellees, against Platte Valley Public Power and Irrigation District, a public corporation, defendant and appellant. The action was tried to a jury and a verdict was returned in favor of plaintiffs and against the defendant for $5,047. Judgment was rendered on the verdict. An alternative motion for judgment notwithstanding the verdict or for a new trial was duly filed. This motion was overruled. From the judgment and the order overruling the alternative motion for judgment notwithstanding verdict or for a new trial the defendant has appealed.

The background of facts which provides the basis for the action is that the plaintiffs Jesse Henry and Elvira Henry at all times of concern here were the owners of lands in the northeast quarter of Section 9, Township 11 North, Range 23 West of the 6th P. M., Dawson County, Nebraska, and the plaintiff Vic Cover was during the year 1949 the tenant of 35 acres of these lands, on which 35 acres of land Cover planted potatoes.

The defendant was and is a public power and irrigation district. In its capacity as an irrigation district it furnished and supplied water for irrigation to lands in this area under three appropriations aggregating 295 acre-feet per second. Some water was supplied for

certain acreages under permanent water-right deeds. The 35 acres involved here was entitled to no water pursuant to a permanent water-right deed. A permanent water right however did attach to some part of the land in the quarter section of which the 35 acres is a part.

The defendant by unilateral declaration established a program of furnishing water to land having no right or claim to irrigation water provided that the land is in a quarter section a part of which has a water-right deed and provided that there is water available over and above that required to supply the holders of water-right deeds. Such water is described as over-water.

The declaration provides that two waterings of over-water may be used if desired and if water is available with a limit for the two waterings of 1 acre-foot of water per acre. The declared charge is the same for one watering as for two if only one is used.

The plaintiffs, on or about July 5, 1949, requested over-water for the 35 acres and received it between that date and July 15, 1949. On or about July 26, 1949, they requested over-water for the same land.

By their petition they declared this request was not complied with until about August 8, 1949, although water was available for use upon the 35 acres of land. They charged that the potatoes which were planted on the 35 acres of land were in need of water on the day when the water was ordered, that because of the lack of irrigation the potatoes which were grown were of such an inferior quality as to constitute a total crop failure, and that the sole and proximate cause of the crop failure was the defendant's negligence and wrongful refusal to provide water when requested, for which a judgment for damages was prayed.

To the petition the defendant filed a general demurrer which was in due course overruled.

Thereafter an answer was filed wherein, after formally responding to the allegations as to the capacity of plaintiffs to sue and the corporate capacity of the defendant, the defendant admitted that plaintiffs for the year 1949 were entitled to the delivery of over-water when the same was available. It admitted that water was available for delivery in its canal. It also admitted the delivery pursuant to the first request between July 5 and July 15, 1949.

It denied however that it failed to make delivery pursuant to the request of July 26, 1949, and said that the request was complied with by the commencement of delivery on July 29, 1949, and ending thereof about August 7, 1949, and that it made delivery to the extent that water was available. It denied that the plaintiffs suffered any damage as the result of negligence on the part of the defendant.

The plaintiffs filed a reply in the nature of a general denial.

The brief contains numerous assignments of error as grounds for reversal. However, upon a determination of the first and sixth assignments of error, which in effect are the same, will depend the question of whether or not the other assignments require consideration.

The two assignments together assert that the petition failed to state a cause of action in that action is barred by section 46-160, R. R. S. 1943, which provides there shall be no liability upon an irrigation district for damages for negligence in delivering or failure to deliver water to users unless the party suffering such damages shall, within 30 days after the acts of negligence are committed or the district fails to deliver water, serve notice in writing on the chairman of the board of directors setting forth the acts of omission complained of, and shall commence action within 1 year from the time the cause accrued.

After the impaneling of the jury and before the introduction of any evidence the defendant objected to the introduction of any evidence. The basis of the objection was the same as that of these two assignments. The general demurrer in probability had the same basis. In any event, no question was raised on the trial as to the right of the defendant to raise the question of the limitation of the statute.

The petition on its face discloses that the action had not been instituted within 1 year from the time the cause accrued and it contains no allegation that the statutory notice was ever served. The alleged failure to deliver water occurred in July and August 1949, and the suit was not filed until November 28, 1951.

Section 46-160, R. R. S. 1943, is as follows: "Every irrigation district within the State of Nebraska shall be liable in damages for negligence in delivering or failure to deliver water to the users from its canal to the same extent as private persons and corporations; **Provided, however**, such district shall not be liable as herein provided, unless the party suffering such damages by reason of such negligence or failure shall, within thirty days after such negligent acts are committed, or such districts shall fail to deliver water, serve a notice in writing on the chairman of the board of directors of such district, setting forth particularly the acts committed or the omissions of duties to be performed on the part of the district, which it is claimed to constitute such negligence or omission and that he expects to hold such district liable for whatever damages may result; **Provided, further,** such action shall be brought within one year from the time the cause has accrued."

The petition by its terms is grounded on negligence and the case was tried on the theory of negligent failure of the defendant

to deliver water. If this theory is to be controlling in the determination herein then it must be said that right of action by the plaintiffs has been barred by the statute.

In a comment on the force and effect of the statute in a case which presented the question of whether or not this statute had application, this court said: " 'Every irrigation district within the state of Nebraska,' says the statute, 'shall be liable in damages for negligence in delivering or failure to deliver water to the users from its canal to the same extent as private persons and corporations.' This langauage from the text quoted needs no construction. Its plain import is that it is legislation on damages for negligence. It does not apply to damages for violation of the appropriation for water and for breach of the contract to furnish water for irrigation. There is no reason for stretching the language beyond its terms. Written notice is limited to damages for negligence. Negligence of defendant is not involved herein." Ledingham v. Farmers Irr. Dist., 135 Neb. 276, 281 N. W. 20.

The plaintiffs however say that this statute is not controlling. They say that the action is for damages for violation of an appropriation for water and for a breach of contract for irrigation. They rely for support of their position on Ledingham v. Farmers Irr. Dist., **supra.**

Substantially they insist that when they ordered water on July 5, 1949, which order was accepted and fulfilled by the defendant, that thereby an appropriation and contract for a second watering, if water was available, came into being, and that for failure of delivery there was a breach of an appropriation and of contract on the part of the defendant within the meaning of Ledingham v. Farmers Irr. Dist., **supra.**

With this contention we cannot agree. The clear import of the opinion in that case was to remove from the application of the statute only appropriations and executed contracts to furnish water for irrigation. In the opinion, in fact, it is pointed out that the subject being considered was a vested right.

Here there was no appropriation and no vested right. There was no antecedent contract to deliver water.

The most that can be said is that on July 5, 1949, and again on July 27, 1949, an agreement came into being on the part of defendant to deliver water from its canals to plaintiffs as water users, and that it negligently, as plaintiffs contend, failed to make delivery.

If any meaning is to be given to the statute it is evident that it embraces situations such as this one. Otherwise it is difficult to conceive of a situation wherein it would have application. We think it does have application.

The plaintiffs urge further that the provision has no application for the reason that the provision is a part of the chapter dealing with irrigation districts whereas the defendant is a public power and irrigation district. In this connection they rely on the rule announced in Faught v. Platte Valley Public Power & Irr. Dist., 155 Neb. 141, 51 N. W. 2d 253, as follows: "A contract with an irrigation corporation for the use of water is executed with reference to the statutes and laws prescribing its authority, which become a part of the contract. The subsequent purchase of such corporation by a public power and irrigation district does not of itself, without appropriate legislative action or consent of the consumer, actual or implied, make the statutes and laws under which it was authorized to organize and operate a part of the original contract made with the irrigation corporation."

As an abstract statement of principle no fault may be found with this pronouncement but it can have no force or effect here. The provision now appears as a section of the chapter dealing with irrigation districts for convenience. It was enacted originally as an independent act. Laws 1911, c. 164, sec. 1, p. 538. By its terms and title it attaches to all irrigation districts in the State of Nebraska.

It must be said therefore that plaintiffs' petition disclosed on its face that action was barred by the limitation contained in section 46-160, R. R. S. 1943. Accordingly, the defendant having filed a motion for a directed verdict or for dismissal at the close of plaintiffs' evidence, which was overruled, and having renewed the motion at the close of all the evidence, which was again overruled, the motion for judgment notwithstanding the verdict should have been sustained.

The judgment of the district court is therefore reversed and the cause remanded with directions to render judgment notwithstanding the verdict in favor of defendant.

REVERSED AND REMANDED WITH DIRECTIONS.

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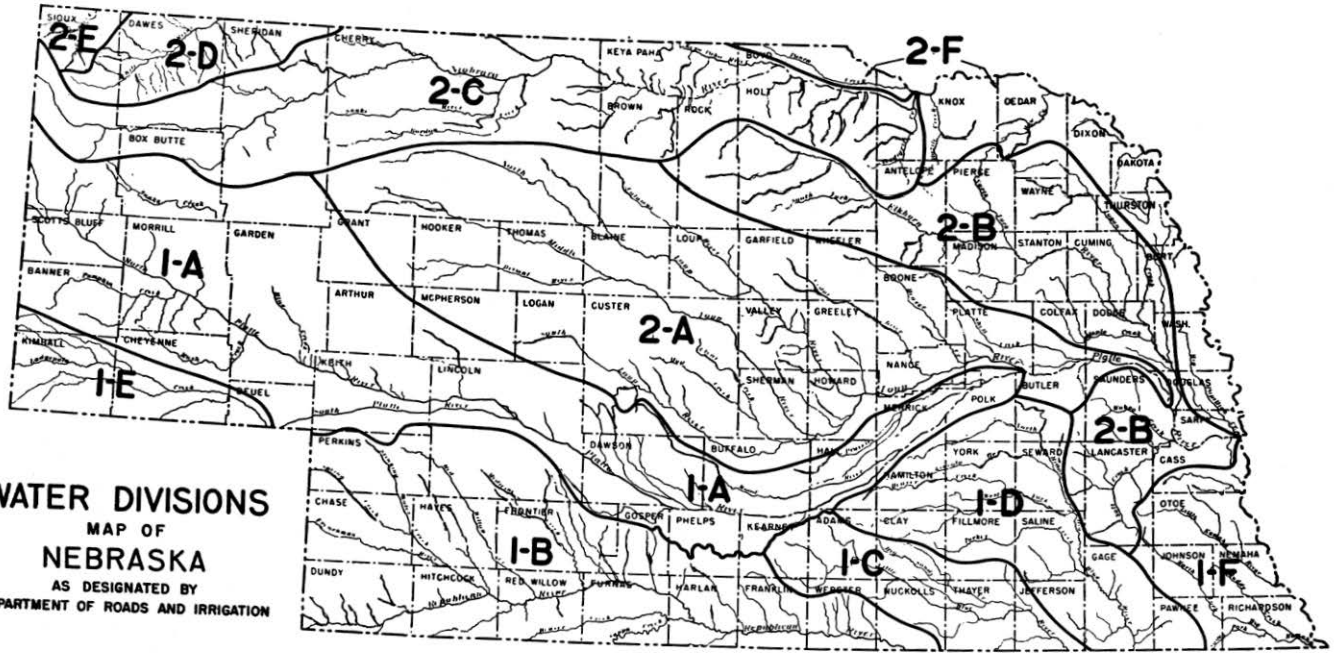
DIVISION OF STATISTICS



WATER DIVISIONS
MAP OF
NEBRASKA
AS DESIGNATED BY
DEPARTMENT OF ROADS AND IRRIGATION

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 diversion 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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ash Creek	Karl Lobner	Lewellen	Gillard Canal	Irrig.	1.43	3	16	42	Garden	Dec.	31	1890	812	
Ash Creek	Evan V. Rittenhouse	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	Walter J. Wolford	Lewellen	Pump	Irrig.	5.54	9	16	42	Garden	May	1	1950		4660
Ash Creek	Walter J. Wolford	Lewellen	Ash Creek Reservoir	Storage	†7.5 AF	10	16	42	Garden	May	8	1950		4671
Ash Creek	Herman Lobner	Lewellen	Gillard Canal	Irrig.	.96	3	16	42	Garden	Jan.	25	1954		5900
Ash Creek Res.	Walter J. Wolford	Lewellen	Pump	Stor-only		10	16	42	Garden	May	3	1950		4833
Barrow Pit	A. O. Taylor	Minatare	Barrow Pit Canal	Irrig.	.29	19	21	52	Scotts Bluff	Apr.	23	1904		751
Big Horn Creek	John O. Muhr	Harrisburg	Muhr Canal	Irrig.	1.03	25	19	54	Banner	Jan.	24	1947		4027
Birdwood Creek	Birdwood Irrig. District	North Platte	Birdwood Canal	Irrig.	44.06	35	15	33	Lincoln	Oct.	21	1893	646	
Birdwood Creek	Equitable Farm and Stock Imp. Company	North Platte	West Birdwood Canal	Irrig.	1.45	22	15	33	Lincoln	Jan.	16	1894	652	

Birdwood Creek	Dick Kelso	Hershey	Pump	Irrig.	1.96	23	16	33	Lincoln	June	14	1948		4286
Birdwood Creek	Wm. Hoatson	Hershey	Pump	Irrig.	1.65	35	15	33	Lincoln	Feb.	6	1953		5150
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.	12.65	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	Meeker Ditch Company	Lewellen	Graf Canal	Irrig.	31.43	19	16	42	Garden	Apr.	2	1894	788	
Blue Creek	Meeker 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	
(No. Platte R.)	Clifford C. Tapp	Oshkosh	Midland-Overland Canal	O. D.	D-800	4	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	J. E. Eggers	Hershey	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
Brauer Reservoir	Edw. F. Brauer	Bushnell	Pump	Stor-only		26	18	57	Banner	Jan.	22	1954		6401
Broncho Lake	True Miller	Alliance	Broncho Lake	Irrig.	1.16	6	24	48	Box Butte	May	7	1926		1806
Browns Creek	George H. Haxby	Bridgeport	Haxberry Canal	Irrig.	.43	19	20	48	Morrill	July	17	1903		717
Brown Reservoir	D. V. Brown Estate	McGrew	Brown Canal	Stor-only		17	19	53	Banner	Nov.	8	1950		4878
Buckhorn Spring	The McGinley Land and Cattle Company	Ogallala	Maddox Canal	Irrig.	2.28	8	14	36	Keith	Oct.	3	1908		918
Buffalo Creek	Walter W. Kopf	Lexington	Pump	Irrig.	.57	21	12	22	Dawson	Mar.	3	1926		1799
Buffalo Creek	John L. Broe	Elm Creek	Pump	Irrig.	1.81	35	9	19	Dawson	Sept.	15	1926		1859
Buffalo Creek	Emeal A. Volkman	Overton	Pump	Irrig.	1.62	18	9	19	Dawson	July	19	1927		1944
Buffalo Creek	W. J. Philpot	Overton	Pump	Irrig.	3.33	28	9	19	Dawson	July	26	1927		1946

†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.
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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Buffalo Creek	The Union Central Life Insurance Company	Grand Island	Pump	Irrig.	1.65	12	9	20	Dawson	Oct.	10	1927		1959
Buffalo Creek	Geo. E. Mitchell	Elm Creek	Pump	Irrig.	2.16	36	9	19	Dawson	Feb.	20	1928		1985
Buffalo Creek	Marie Manger Estate	Kearney	Pump	Irrig.	2.22	4	8	18	Buffalo	Mar.	5	1928		1988
Buffalo Creek	B. F. Manger Estate	Kearney	Pump	Irrig.	2.21	4	8	18	Buffalo	Mar.	5	1928		1988R
Buffalo Creek	Julia A. Ross	Elm Creek	Pump	Irrig.	.94	5	8	18	Buffalo	Apr.	30	1928		2012
Buffalo Creek	Harry W. Wilson	Overton	Wilson Canal	Irrig.	2.29	18	9	19	Dawson	Nov.	12	1928		2052
Buffalo Creek (See Mud Cr.)	Marie A. Ulrich	Lexington	Pump	Irrig.	.52	1	8	19	Dawson	Feb.	4	1929		2068
Buffalo Creek	Ora E. Poulson	Elm Creek	Pump	Irrig.	1.03	21	9	19	Dawson	Mar.	5	1929		2074
Buffalo Creek	B. F. Manger Estate	Kearney	Pump	Irrig.	.23	33	9	18	Buffalo	June	19	1929		2087
Buffalo Creek	Earl E. Bliss	Elm Creek	Pump	Irrig.	4.57	12	9	20	Dawson	July	13	1929		2089
Buffalo Creek	Peter E. Jensen	Cozad	Pump	Irrig.	1.00	21	11	22	Dawson	July	17	1929		2090
Buffalo Creek	Walter W. Kopf	Lexington	Kopf Reservoir	Storage	†189 AF	21	12	22	Dawson	Dec.	23	1930		2180
Buffalo Creek	Earl E. Bliss	Elm Creek	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	Leslie E. Cadwallader	Kearney	Pump No. 2	Irrig.	.67	3	8	18	Buffalo	Aug.	7	1948		4322
Buffalo Creek	Raymond L. Hart	Kearney	Pump No. 4	Irrig.	.71	3	8	18	Buffalo	Aug.	7	1948		4324
Bull Drain	Mrs. David Norris	Maxwell	Norris Canal	Irrig.	.93	29	13	28	Lincoln	Feb.	18	1932		2253
Camp Creek	J. H. Wehn	Lincoln	Camp Creek Canal	Irrig.	1.43	13	18	49	Morrill	Mar.	16	1892	866	
Carter Creek	Wm. E. Gardner Estate	Gering	Carter Canal	Irrig.	3.38	27	21	56	Scotts Bluff	Oct.	13	1922		1691
Cedar Creek	Etta M. Fairchild, et al.	Sidney	Nelson-Radcliffe Canal	Irrig.	2.77	28	18	48	Morrill	June	1	1882	1034a	
Cedar Creek	Howard E. Fairchild	Broadwater	Radcliffe Canal No. 2	Irrig.	1.23	34	18	48	Morrill	July	1	1885	1034b	
Cedar Creek	Clarence H. Fairchild	Sidney	Radcliffe Canal No. 3	Irrig.	.76	27	18	48	Morrill	Feb.	14	1890	1034c	

Clark Reservoir	Clark and Clark	Lewellen	Clark Pumps	Supp. I	D-788	34	16	42	Garden	Dec.	16	1948		4745
				Stor-only		34	16	42	Garden	Dec.	16	1948		4745
‡Clear Creek	Fischer and Scripter	Lewellen	Clear Creek Canal	Irrig.	2.86	32	16	41	Keith	July	1	1888	748	
Clear Creek	Matt Curley, et al.	Lewellen	Barber Canal	Irrig.	7.46	29	16	41	Keith	May	30	1893	754	
Clear Creek	The Central Nebraska Public Power and Irrigation District	Hastings	Clear Creek Canal	Irrig.	7.11	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	The Central Nebraska Public Power and Irrigation District	Hastings	Finch Canal	Irrig.	1.43	4	15	41	Keith	June	30	1895	964	
Clear Creek	The Central Nebraska Public Power and Irrigation District	Hastings	Barber Canal	Irrig.	1.14	29	16	41	Keith	July	5	1911		1111
Clear Creek	Morrison R. Scripter, Jr., et al.	Lewellen	Scripter Canal	Irrig.	2.49	32	16	41	Keith	Oct.	6	1932		2288
Clear Creek	The Central Nebraska Public Power and Irrigation District	Hastings	Harper Canal	Irrig.	2.97	32	16	41	Keith	Apr.	15	1933		2316
‡Clear Creek	Laura Houser	Columbus	Hegi Reservoir	Storage	†1.55 AF	21	16	1	Polk	May	29	1942		8571
Coed Creek	Elmer S. Slafter	Scottsbluff	Slafter Canal	Irrig.	1.66	17	22	55	Scotts Bluff	July	25	1933		2879
Cold Water Cr.	Lisco Irrig. District	Lisco	Cold Water Canal	Irrig.	4.29	26	18	46	Garden	Sept.	29	1894	796	
Coon Creek	Henry P. Hansen	North Platte	Coon Creek Canal	Irrig.	.71	34	15	37	Keith	July	3	1895		69
Coon Creek	Henry P. Hansen	North Platte	Coon Creek Canal	Irrig.	1.43	34	15	37	Keith	Sept.	16	1912		1225
Cottonwood Creek	Kitty Martin	North Platte	Pumps	Irrig.	3.09	10	12	28	Lincoln	Nov.	19	1953		5735
Crescent Lake, et al	Lake Water Carrying Company	Lewellen	Crescent Lake Reservoir	Storage	†7000 AF	21	20	44	Garden	Jan.	30	1920		1575

R. Denotes relocation.
†Reservoir capacity alleged by applicant.
*Application not approved.
Supp. I. Storage water in addition to direct flow.
Stor-only. Land does not have a direct flow appropriation.
‡Clear Creek in Keith County and Clear Creek in Polk County are separate streams.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
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
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen	Crescent Lake Canal	Stor-only	2.06	21	20	44	Garden	Feb.	28	1934		2365
Deep Holes Creek	J. L. Finn	Broadwater	Finn Canal	Irrig.	.50	28	18	49	Morrill	July	1	1890	836	
Deep Holes Creek	F. P. Hanway	Broadwater	Emma Canal	Irrig.	1.40	3	18	49	Morrill	Mar.	17	1924		1740
Drain Ditch	Henry Kugler	Cozad	Pump	Irrig.		7	9	22	Dawson	July	26	1954		6493*
Drain Ditch	Henry Kugler	Cozad	Pump	Irrig.		7	9	22	Dawson	July	26	1954		6494*
Dry Creek	Chas. Gleason	Heartwell	Pump	Irrig.	.87	31	8	18	Kearney	Oct.	17	1946		3984
Dry Creek	Chas. Gleason	Heartwell	Pump	Irrig.	.30	33	8	18	Kearney	Nov.	5	1946		4003
Dry Creek	Herman Eckloff	Minden	Pump	Irrig.		13	7	15	Kearney	July	19	1947		4085*
Dry Creek	E. Norberg	Funk	Pump	Irrig.		28	7	17	Phelps	Sept.	8	1948		4338*
Dry Creek	Sam T. Schrock, Jr.	Elm Creek	Schrock Reservoir	Storage		12	7	19	Phelps	Sept.	24	1948		4345*
Dry Creek	Walter J. Stark	Loomis	Pump	Irrig.		8	6	19	Phelps	Aug.	12	1950		4735*
Dry Creek	Fankell and Gleason	Minden	Pumps	Irrig.	1.00	4	7	14	Kearney	Feb.	20	1951		4804
						3	7	14	Kearney	Feb.	20	1951		4804
Dry Creek	Carroll D. Erickson	Holdrege	Pump	Irrig.	.35	28	7	17	Phelps	Dec.	11	1952		5109

Dry Creek	Leslie Dornhoff	Minden	Pump	Irrig.		17	7	14	Kearney	Feb.	10	1953		5156*
Dry Creek	Clarence A. Peterson	Holdrege	Pump	Irrig.		19	7	17	Phelps	July	30	1953		5431*
Dry Creek	Harold F. H. Von Loh	Bertrand	Pump	Irrig.		33	7	20	Phelps	Feb.	17	1954		5967*
Dry Creek	C. E. Dahlgren	Holdrege	Pump	Irrig.		34	7	18	Phelps	Feb.	26	1954		5997*
Dry Creek	Thomas R. Bretz	Minden	Pump	Irrig.		3	7	14	Kearney	Mar.	4	1954		6029
Dry Creek	Guy O. Geiselman	Holdrege	Pump	Irrig.		15	7	18	Phelps	Apr.	16	1954		6209*
Dry Creek	Paige C. Palmer	Elm Creek	Pump	Irrig.		18	8	18	Phelps	July	20	1954		6473*
Dry Creek Drain	Clyde W. McCully	Lyman	Pump	Irrig.		35	23	58	Scotts Bluff	June	24	1954		6395*
Dugout Creek, Lower	Tilford M. Hecht	Broadwater	Cooper Canal	Irrig.	.86	4	19	48	Morrill	Aug.	15	1892	872	
Dugout Creek, Lower	Ralph L. Wagoner	Broadwater	Mulloy Canal	Irrig.	1.00	27	20	48	Morrill	July	18	1907		865
Dugout Creek, Lower	Tilford M. Hecht	Broadwater	Hagerty Canal	Irrig.	1.00	4	19	48	Morrill	Oct.	26	1912		1238
Dugout Creek, Lower	Tilford M. Hecht	Broadwater	Klondyke Reservoir	Storage	†3.85 AF	4	19	48	Morrill	July	11	1919		1547
Dugout Creek, Lower	Tilford M. Hecht	Broadwater	Hagerty Canal	Irrig.	.29	4	19	48	Morrill	May	28	1948		4274
Dugout Creek, Upper	Una Marshall	Northport	Pump	Irrig.	.26	21	20	50	Morrill	Jan.	29	1952		4938
Elm Creek	Natonia Scott Estate	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	Leslie E. Cadwallader	Kearney	Pump No. 1	Irrig.	.32	3	8	18	Buffalo	Aug.	7	1948		4321
Elm Creek	Cadwallader and Hart	Kearney	Pump No. 3	Irrig.	.77	3	8	18	Buffalo	Aug.	7	1948		4323
Fawcus Springs	John E. Oliver	Bridgeport	Oliver Canal	Irrig.	2.71	24	20	52	Morrill	Apr.	17	1933		2317
Fremont Creek	Arthur E. Henry	North Platte	Pump	Irrig.	.30	21	13	29	Lincoln	Feb.	17	1949		4438

Supp. I. Storage water in addition to direct flow.
Stor-only. Land does not have a direct flow appropriation.
*Application not approved.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Fremont Creek	Arthur E. Henry	North Platte	Pump	Irrig.	.23	21	13	29	Lincoln	June	21	1950		4710
Fremont Creek	Geo. C. Hood	North Platte	Pump	Irrig.		21	13	29	Lincoln	Apr.	26	1954		6242
Fremont Creek	Arthur E. Henry	North Platte	Pump	Irrig.	.52	21	13	29	Lincoln	May	21	1954		6317
Gebauer Lake	Gebauer and Davis	Northport	Gebauer Canal	Irrig.	.80	28	20	50	Morrill	Apr.	25	1930		2138
Glenn Springs	L. R. Glenn Estate	Henry	Glenn Canal	Irrig.	.16	3	23	58	Scotts Bluff	May	29	1933		2324
Golden Creek	M. J. Thies	Ogallala	Thies Canal	Irrig.	2.71	25	15	39	Keith	Sept.	17	1895		160
Gravel (Sand) Creek	The McGinley Land and Cattle Company	Ogallala	Sand Creek Canal	Irrig.	15.71	9	14	36	Keith	Jan.	3	1910		974
Greenwood Creek	Mary K. Keenan	Dalton	Trinnier Canal	Irrig.	6.29	28	18	50	Morrill	Apr.	6	1891	849	
Greenwood Creek	Mary K. Keenan	Dalton	Nelson Canal	Irrig.	3.00	33	18	50	Morrill	Apr.	1	1892	845	
Greenwood Creek	Margery Corman	Bridgeport	Capron Canal	Irrig.	2.00	15	18	50	Morrill	Jan.	1	1893	890	
Greenwood Creek	C. E. Meglemre	Bridgeport	Meglemre Canal	Irrig.	.57	3	18	50	Morrill	May	6	1896		294
Greenwood Creek	C. E. Meglemre	Bridgeport	Meglemre Canal	Irrig.	1.14	3	18	50	Morrill	Mar.	11	1907		853
Greenwood Creek	Mary K. Keenan	Dalton	Trinnier Canal	Irrig.	1.65	28	18	50	Morrill	Aug.	18	1919		1551
Ground Water	Henry M. Beatty	Lexington	Henry M. Beatty Well	Irrig.		20	9	20	Dawson	Aug.	29	1932		2281
Ground Water	H. T. Beatty	Overton	H. T. Beatty Well	Irrig.		19	9	20	Dawson	Feb.	15	1935		2513
Ground Water	Leo Neil	Cozad	Neil Well	O. D.	D-627	33	10	23	Dawson	Feb.	18	1938	P204*	
Ground Water	Vera Springer Jones	Mitchell	Springer Well	Irrig.		1	22	56	Scotts Bluff	July	24	1939		2939*
Ground Water	Dora Remender	Morrill	Remender Well	Irrig.		24	24	57	Sioux	Sept.	25	1939		2974*
Ground Water	O. F. Cooke	Morrill	Cooke Well	Irrig.		4	23	57	Scotts Bluff	Jan.	6	1940		3070*
Ground Water	Lester G. Schultz	Morrill	Schultz Well	Irrig.		3	23	57	Scotts Bluff	Jan.	11	1940		3075*
Ground Water	Arthur C. Nicholas	Central City	Nicholas Well	Irrig.		30	13	6	Merrick	Jan.	22	1940		3083*
Ground Water	Joe McCoy	Morrill	McCoy Well	Irrig.		3	23	57	Scotts Bluff	May	31	1940		3168*

Ground Water	James G. Kunz	Wood River	Kunz Wells	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	James G. Kunz	Wood River	Kunz Well	Irrig.	7	11	9	Hall	June	4	1940		3175*
Ground Water	James G. Kunz	Wood River	Kunz Well	Irrig.	16	10	12	Hall	June	4	1940		3176*
Ground Water	John Schmidt	Paxton	Schmidt Well	Irrig.	23	14	36	Keith	June	11	1940		3178*
Ground Water	Mrs. Elvira J. Good	Lincoln	Good Wells	Irrig.	1	10	12	Hall	June	17	1940		3182*
					3	10	12	Hall	June	17	1940		3182*
Ground Water	Mrs. Augusta A. Cooke	Morrill	Cooke-Andrews Well	Irrig.	3	23	57	Scotts Bluff	June	25	1940		3189*
Ground Water	Mrs. W. P. Snyder	North Platte	Snyder Well	Irrig.	21	14	36	Keith	July	5	1940		3193*
Ground Water	John A. Hanlon	Morrill	Hanlon Well	Irrig.	36	24	57	Sioux	July	12	1940		3198*
Ground Water	Thorvald Peterson	Harrisburg	Peterson Well	Irrig.	31	19	56	Banner	Aug.	6	1940		3224*
Ground Water	Howard A. Miller	North Platte	Miller Well	Irrig.	34	14	31	Lincoln	Sept.	10	1940		3260*
Ground Water	Alfred E. Amundsen	Morrill	Amundsen Well	Irrig.	31	24	56	Sioux	Sept.	11	1940		3261*
Ground Water	Elsie J. Stockwell	Morrill	Stockwell Well	Irrig.	2	23	57	Scotts Bluff	Sept.	18	1940		3269*
Ground Water	Frederick Fouts	Central City	Fouts Well	Irrig.	17	14	6	Merrick	Sept.	20	1940		3270*
Ground Water	Lillian D. Carlson	Gothenburg	Carlson Well	Irrig.	18	12	24	Dawson	Oct.	7	1940		3283*
Ground Water	Mrs. Lillie F. Dubbs	Shelton	Dubbs Well	Irrig.	33	11	12	Hall	Oct.	15	1940		3296*
Ground Water	Dr. Ted E. Riddell	Scottsbluff	Riddell Well	Irrig.	19	21	53	Scotts Bluff	Oct.	18	1940		3299*
Ground Water	Wilhelmina Kamann	Morrill	Kamann Well	Irrig.	1	23	57	Scotts Bluff	Oct.	29	1940		3312*
Ground Water	Otto Fuerst	Scottsbluff	Fuerst Well	Irrig.	7	23	56	Scotts Bluff	Oct.	31	1940		3317*
Ground Water	John W. Schutz	St. Libory	Schutz Well	Irrig.	14	13	8	Merrick	Nov.	5	1940		3325*
Ground Water	Henry Schutz	St. Libory	Schutz Well	Irrig.	14	13	8	Merrick	Nov.	5	1940		3326*
Ground Water	L. D. Wyatt	Harrisburg	Wyatt Well	Irrig.	35	19	56	Banner	Nov.	7	1940		3327*
Ground Water	G. H. Robbins	Shelton	Robbins Well	Irrig.	33	10	13	Buffalo	Dec.	6	1940		3342*
Ground Water	Roy Arbuckle	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	Leota Arbuckle Jeffries	Kearney	Jeffries Wells	Irrig.	21	9	15	Buffalo	Dec.	12	1940		3353*
Ground Water	Bonnie C. Heider	North Platte	Heider Well	Irrig.	14	14	32	Lincoln	Dec.	14	1940		3354*
Ground Water	Harry A. Pieper	Mitchell	Pieper Well	Irrig.	11	22	56	Scotts Bluff	Dec.	19	1940		3356*
Ground Water	Bonnie C. Heider	North Platte	Heider Well	Irrig.	12	14	33	Lincoln	Dec.	23	1940		3359*
Ground Water	Bonnie C. Heider	North Platte	Heider Well	Irrig.	12	14	33	Lincoln	Dec.	23	1940		3360*

*Application not approved.
O.D. Denotes optional diversion.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	A. M. Shelby	Long Beach, Calif.	Shelby Well	Irrig.		16	13	30	Lincoln	Jan.	18	1941		3371*
Ground Water	Shelby E. Fleenor	Morrill	Travis Well	Irrig.		17	23	57	Scotts Bluff	Jan.	24	1941		3377*
Ground Water	E. H. & O. H. Johnson	Omaha	Johnson Well	Irrig.		22	23	57	Scotts Bluff	Jan.	28	1941		3379*
Ground Water	Paul Hobson	Morrill	Hobson Well	Irrig.		21	24	57	Sioux	Feb.	5	1941		3383*
Ground Water	Gordon H. Robbins	Shelton	Robbins Well	Irrig.		15	9	13	Buffalo	Feb.	6	1941		3385*
Ground Water	Bert C. Kuskie	Brule	Kuskie Well	Irrig.		29	13	40	Keith	Feb.	10	1941		3386*
Ground Water	A. A. Misek	Brainard	Misek Well	Irrig.		36	13	8	Merrick	Feb.	11	1941		3388*
Ground Water	Leo Neil	Cozad	Neil Well	Irrig.		2	9	23	Dawson	Feb.	18	1941		3397*
Ground Water	Emil H. Janssen	Morrill	Janssen Well	Irrig.		26	24	57	Sioux	Mar.	1	1941		3406*
Ground Water	August B. Johnson	Morrill	Johnson Well	Irrig.		16	24	57	Sioux	Mar.	5	1941		3410*
Ground Water	Lydia E. Whipple	Mitchell	Whipple Well	Irrig.		9	22	56	Scotts Bluff	Mar.	31	1941		3421*
Ground Water	Henry Finke	Grand Island	Finke Well	Irrig.		34	9	19	Dawson	Apr.	21	1941		3431*
Ground Water	Jas. L. Birdsall, et al	Morrill	Plummer-Birdsall Well	Irrig.		1	23	57	Scotts Bluff	Apr.	29	1941		3435*
Ground Water	L. H. Warner	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	Ella M. Weldon	Oshkosh	Weldon Well	Irrig.		30	10	11	Hall	Sept.	5	1941		3493*
Ground Water	Harold R. Robbins	Shelton	Robbins Well	Irrig.		25	10	13	Buffalo	Sept.	10	1941		3500*
Ground Water	Maude M. Robbins	Los Angeles	Robbins Well	Irrig.		13	10	13	Buffalo	Sept.	10	1941		3501*
Ground Water	Maude M. Robbins	Los Angeles	Robbins Well	Irrig.		27	10	13	Buffalo	Sept.	10	1941		3502*
Ground Water	George E. Garrison	Lexington	Garrison Well	Irrig.		35	10	21	Dawson	Sept.	29	1941		3512*
Ground Water	Garrison and Garrison	Lexington	Garrison Well	Irrig.		19	10	21	Dawson	Sept.	29	1941		3513*

Ground Water	Gordon H. Robbins	Shelton	Robbins Well	Irrig.		29	10	13	Buffalo	Oct.	7	1941		3515*
Ground Water	F. F. Stauffer	Gering	Stauffer Well	Irrig.		20	19	55	Banner	Feb.	13	1942		3551*
Ground Water	Glen Van Wey	Gothenburg	Van Wey Well	Irrig.		11	12	25	Dawson	June	11	1942		3576*
Ground Water	Mrs. O. M. Good	Lincoln	Good Well	Irrig.		5	10	11	Hall	June	29	1942		3579*
Ground Water	G. H. Robbins	Shelton	Robbins Well	Irrig.		33	10	13	Buffalo	Mar.	3	1944		3698*
Ground Water	E. M. Nielsen	Columbus	Nielsen Well	Irrig.		1	16	1	Polk	May	12	1944		3727*
Ground Water	F. Fouts	Central City	Fouts Well No. 2	Irrig.		20	14	6	Merrick	Oct.	5	1944		3773*
Ground Water	F. Fouts	Central City	Fouts Well No. 3	Irrig.		17	14	6	Merrick	Oct.	5	1944		3774*
Ground Water	Clough and Estes	Minatare	Clough Well	Irrig.		30	25	47	Box Butte	Nov.	7	1944		3782*
Ground Water	Harvey E. Otto and Son	Phillips	Otto Well	Irrig.		11	10	8	Hamilton	Dec.	12	1944		3787*
Ground Water	C. Roy Rugger	Scottsbluff	Rugger Well	Irrig.		10	13	7	Merrick	Mar.	5	1945		3811*
Ground Water	Mrs. Mary A. Nielson	Big Springs	Nielson Well	Irrig.		31	13	41	Deuel	Mar.	21	1945		3815*
Ground Water	Wilfred V. Stuart	Lexington	Stuart Well	Irrig.		3	9	21	Dawson	June	5	1945		3837*
Ground Water	N. B. Spencer	Morrill	Spencer Well	Irrig.		36	24	57	Sioux	Apr.	8	1946		3890*
Ground Water	Gordon H. Robbins	Shelton	Robbins Wells	Irrig.		15	9	13	Buffalo	Apr.	29	1946		3897*
						33	10	13	Buffalo	Apr.	29	1946		3897*
Ground Water	Eva B. Vieregg	Grand Island	Vieregg Well	Irrig.		4	10	11	Hall	May	7	1946		3901*
Ground Water	Eva B. Vieregg	Grand Island	Vieregg Well	Irrig.		34	10	12	Hall	May	7	1946		3902*
Ground Water	Eva B. Vieregg	Grand Island	Vieregg Well	Irrig.		34	10	12	Hall	May	7	1946		3903*
Ground Water	Ella M. Weldon Estate	Lincoln	Weldon Well No. 2	Supp. I	A-3493	30	10	11	Hall	June	10	1946		3914*
Ground Water	George S. Spencer	Gibbon	Spencer Well No. 1	Irrig.		9	9	14	Buffalo	July	11	1946		3924*
Ground Water	George S. Spencer	Gibbon	Spencer Well No. 2	Irrig.		18	9	13	Buffalo	July	11	1946		3925*
Ground Water	August Swanson	Kearney	Swanson Wells	Irrig.		32	9	15	Buffalo	July	27	1946		3932*
Ground Water	August Swanson	Kearney	Swanson Wells	Irrig.		9	9	14	Buffalo	July	27	1946		3933*
Ground Water	Chas. Lucas	Los Angeles	Lucas Well	Irrig.		22	10	13	Buffalo	Oct.	7	1946		3975*
Ground Water	Chas. Lucas	Los Angeles	Lucas Well	Irrig.		29	10	13	Buffalo	Oct.	7	1946		3976*
Ground Water	John H. Donovan	Alliance	Donovan Well	Irrig.		17	26	50	Box Butte	Nov.	25	1946		4009*
Ground Water	Adrienne I. Robbins	Shelton	Robbins Well	Irrig.		33	12	9	Hall	Sept.	11	1947		4100*
Ground Water	Ray E. Brigham	Shelby	Brigham Wells	Irrig.		34	16	1	Polk	Sept.	12	1947		4112*
						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	George Neuswanger	Alliance	Neuswanger Well No. 1	Irrig.		22	25	48	Box Butte	Nov.	18	1947		4147*

*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Ground Water	George Neuswanger	Alliance	Neuswanger Well No. 2	Irrig.		21	25	48	Box Butte	Nov.	18	1947		4148*
Ground Water	Nancy Glatfelter	Central City	Glatfelter Wells	Irrig.		16	14	6	Merrick	Dec.	18	1947		4157*
						22	14	6	Merrick	Dec.	18	1947		4157*
Ground Water	Archie McIlnay	Central City	McIlnay Wells	Irrig.		5	13	6	Merrick	Dec.	18	1947		4158*
						7	13	6	Merrick	Dec.	18	1947		4158*
Ground Water	Irwin Reed	Chapman	Reed Wells	Irrig.		4	12	8	Merrick	Dec.	19	1947		4160*
Ground Water	Earl Stander	Chapman	Stander Wells	Irrig.		17	12	7	Merrick	Jan.	8	1948		4169*
						18	12	7	Merrick	Jan.	8	1948		4169*
Ground Water	Leonard Glantz	Central City	Glantz Well	Irrig.		5	13	6	Merrick	Jan.	8	1948		4170*
Ground Water	Carl Peterson	Central City	Peterson Wells	Irrig.		19	15	4	Merrick	Jan.	9	1948		4172*
Ground Water	Frank R. Nash	Central City	Nash Wells	Irrig.		29	15	6	Merrick	Jan.	9	1948		4173*
						32	15	6	Merrick	Jan.	9	1948		4173*
Ground Water	Ralph Stander	Archer	Stander Well	Irrig.		21	14	7	Merrick	Jan.	9	1948		4174*
Ground Water	Herbert Stander	Archer	Stander Well	Irrig.		26	14	7	Merrick	Jan.	9	1948		4175*
Ground Water	Howard Stander	Archer	Stander Wells	Irrig.		28	14	7	Merrick	Jan.	9	1948		4176*
						28	14	7	Merrick	Jan.	9	1948		4176*
Ground Water	Max Bove	Chapman	Bove Well	Irrig.		19	12	7	Merrick	Jan.	10	1948		4177*
Ground Water	Post Brothers	Stratton	Post Brothers Wells	Irrig.		3	13	7	Merrick	Jan.	10	1948		4178*
						10	13	7	Merrick	Jan.	10	1948		4178*
Ground Water	M. E. Olson	Grand Island	Olson Well	Irrig.		4	13	7	Merrick	Jan.	12	1948		4180*
Ground Water	Henry Markworth	Chapman	Markworth Wells	Irrig.		2	12	8	Merrick	Jan.	13	1948		4181*
						30	13	7	Merrick	Jan.	13	1948		4181*
Ground Water	Joe A. Justice	Central City	Justice Wells	Irrig.		7	13	7	Merrick	Jan.	15	1948		4182*
Ground Water	Lloyd I. Nitzel	Archer	Nitzel Well	Irrig.		3	14	7	Merrick	Jan.	16	1948		4183*
Ground Water	E. P. Lamb	Clarks	Lamb Wells	Irrig.		13	14	5	Merrick	Jan.	16	1948		4184*
Ground Water	Orville J. Nicholas	Palmer	Nicholas Well	Irrig.		17	14	8	Merrick	Jan.	28	1948		4192*
Ground Water	F. H. Tracy	Chapman	Tracy Wells	Irrig.		32	13	8	Merrick	Jan.	31	1948		4194*
						33	13	8	Merrick	Jan.	31	1948		4194*

Ground Water	Louis Zamzow	Archer	Zamzow Wells	Irrig.	36	14	8	Merrick	Jan.	31	1948	4195*
Ground Water	Otto Zamzow	Archer	Zamzow Wells	Irrig.	30	14	7	Merrick	Jan.	31	1948	4196*
Ground Water	Lawrence C. Luebbe	Archer	Luebbe Well	Irrig.	30	14	7	Merrick	Feb.	2	1948	4198*
Ground Water	P. R. Peterson	Lexington	Peterson Well	Irrig.	24	9	21	Dawson	Feb.	16	1948	4209*
Ground Water	Albert A. Wegner	Archer	Wegner Well	Irrig.	20	14	7	Merrick	Mar.	5	1948	4229*
Ground Water	Virginia H. Rinder	Grand Island	Rinder Well	Irrig.	8	11	26	Lincoln	Mar.	27	1948	4235*
Ground Water	Blanche W. Riddile	Oshkosh	Riddile Well	Irrig.	30	10	11	Hall	Mar.	30	1948	4238*
Ground Water	Post Brothers	Stratton	Post Brothers Well	Irrig.	10	13	7	Merrick	Apr.	20	1948	4248*
Ground Water	Wm. Prochaska, Sr.	Palmer	Prochaska Wells	Irrig.	12	14	9	Howard	May	17	1948	4267*
					7	14	8	Howard	May	17	1948	4267*
Ground Water	Warren Carlson	Loomis	Carlson Well	Irrig.	34	8	19	Phelps	June	8	1948	4282*
Ground Water	John Rosentrater	Lincoln	Rosentrater Wells	Irrig.	2	13	7	Merrick	June	19	1948	4293*
Ground Water	John H. Calvert	Pierce	Calvert Well	Irrig.	17	8	20	Phelps	July	12	1948	4305*
Ground Water	James W. Carter	Maxwell	Carter Well	Irrig.	26	13	29	Lincoln	Aug.	5	1948	4319*
Ground Water	Heiman Hanke	Palmer	Hanke Well	Irrig.	36	14	8	Merrick	Nov.	3	1948	4357*
Ground Water	Marion Kyes	Central City	Kyes Well	Irrig.	10	14	7	Merrick	Nov.	3	1948	4358*
Ground Water	Kate Smith	Central City	Smith Well	Irrig.	30	13	6	Merrick	Nov.	5	1948	4359*
Ground Water	Dean C. Kyes	Central City	Kyes Well	Irrig.	2	14	7	Merrick	Nov.	9	1948	4362*
Ground Water	George E. Hedges	Central City	Hedges Well	Irrig.	7	13	6	Merrick	Nov.	15	1948	4366*
Ground Water	Maud S. Ross	Central City	Ross Wells	Irrig.	16	14	5	Merrick	Nov.	29	1948	4382*
					35	14	7	Merrick	Nov.	29	1948	4382*
Ground Water	Donald F. Sampson	Central City	Sampson Well	Irrig.	24	16	6	Merrick	Nov.	29	1948	4383*
Ground Water	Anna Belle Morris	Boulder, Colo.	Morris Well	Irrig.	9	13	6	Merrick	Nov.	29	1948	4384*
Ground Water	Elmer E. Ross, 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	A. L. Frazier	Archer	Frazier Wells	Irrig.	16	13	7	Merrick	Nov.	29	1948	4386*
Ground Water	Ella C. Nicholas	Palmer	Nicholas Well	Irrig.	18	14	8	Merrick	Nov.	30	1948	4389*
Ground Water	Orville Hulme	St. Michael	Hulme Well	Irrig.	5	11	22	Hall	Dec.	3	1948	4390*
Ground Water	Joseph Janky	Chapman	Janky Well	Irrig.	23	13	8	Merrick	Dec.	3	1948	4391*
Ground Water	Otis Lamberson	Palmer	Lamberson Well	Irrig.	27	14	8	Merrick	Dec.	3	1948	4392*
Ground Water	Frank Widman	Central City	Widman Well	Irrig.	23	13	7	Merrick	Dec.	6	1948	4393*
Ground Water	F. J. Janky	Grand Island	Janky Well	Irrig.	36	13	8	Merrick	Dec.	6	1948	4394*
Ground Water	Bertha E. Johnston	Central City	Johnston Well	Irrig.	35	15	7	Merrick	Dec.	6	1948	4395*

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Mark F. Anderson	Clarks	Anderson Well	Irrig.		34	15	5	Merrick	Dec.	8	1948		4397*
Ground Water	Cecil Rawlings	Archer	Rawlings Well	Irrig.		22	14	7	Merrick	Dec.	8	1948		4398*
Ground Water	Alfred Bader	Chapman	Bader Well	Irrig.		23	12	8	Merrick	Dec.	15	1948		4401*
Ground Water	J. O. Rawlings	Archer	Rawlings Well	Irrig.		15	14	7	Merrick	Dec.	23	1948		4405*
Ground Water	Minnie A. Fletcher	Maxwell	Fletcher Well	Irrig.		35	13	29	Lincoln	Jan.	4	1949		4415*
Ground Water	Paul Deichman	Central City	Deichman Well	Irrig.		6	13	6	Merrick	Jan.	14	1949		4422*
Ground Water	Elwin H. Ferris	Central City	Ferris Well	Irrig.		2	14	7	Merrick	Jan.	22	1949		4425*
Ground Water	Max Shelton	Central City	Shelton Wells	Irrig.		31	15	6	Merrick	Mar.	3	1949		4443*
						32	15	6	Merrick	Mar.	3	1949		4443*
Ground Water	F. C. McDowell	Gothenburg	McDowell Well	Irrig.		7	10	24	Dawson	Mar.	17	1949		4453*
Ground Water	F. C. McDowell	Gothenburg	McDowell Well	Irrig.		7	10	24	Dawson	Mar.	17	1949		4454*
Ground Water	Rudolph A. Tilgner	Lewellen	Tilgner Well	Irrig.		31	16	41	Garden	Mar.	25	1949		4456*
Ground Water	John W. Schneider	Redington	Schneider Well	Irrig.		26	19	52	Morrill	Aug.	2	1949		4495*
Ground Water	Ben F. Nelson	Alliance	Nelson Well	Irrig.		4	24	48	Box Butte	Aug.	25	1949		4504*
Ground Water	Fred L. Johnson	Harrisburg	Johnson Well	Irrig.		1	19	55	Banner	Sept.	26	1949		4515*
Ground Water	Alfred Winholtz	Axtell	Winholtz Well	Irrig.		31	7	16	Kearney	Jan.	6	1950		4566*
Ground Water	Ruth & John Donovan	Alliance	Donovan Well	Irrig.		17	26	50	Box Butte	Jan.	14	1950		4571*
Ground Water	Ben F. Smith	Shelton	Smith Wells Nos. 1 & 2	Irrig.		9	9	13	Buffalo	Jan.	17	1950		4573*
Ground Water	Blanche W. Riddile	Oshkosh	Riddile Well	Irrig.		30	10	11	Hall	Feb.	10	1950		4592*
Ground Water	Mrs. Anna H. Elliott	Lincoln	Elliott Well	Irrig.		21	11	11	Hall	Feb.	11	1950		4595*
Ground Water	Allan D. McClellan	Big Springs	McClellan Well	Irrig.		4	12	41	Keith	Feb.	15	1950		4597*
Ground Water	Edw. F. Jelinek	Alliance	Jelinek Well	Irrig.		15	25	49	Box Butte	Feb.	25	1950		4606*
Ground Water	Henry Reitz	Gering	Reitz Well	Irrig.		4	25	47	Box Butte	Mar.	21	1950		4623*
Ground Water	Robert W. Laing	Alliance	Laing Well	Irrig.		5	25	47	Box Butte	Apr.	4	1950		4632*
Ground Water	Alex Ehrlich	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	Neal R. Skinner	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	Merton T. Jacobs	Sutherland	Jacobs Well	Irrig.		3	13	45	Keith	June	20	1950		4705*

Ground Water	E. A. Watson	Grand Island	Watson Wells	Irrig.	33	11	11	Hall	June	21	1950		4706*
Ground Water	E. A. Watson	Grand Island	Watson Wells	Irrig.	31	11	10	Hall	June	21	1950		4707*
Ground Water	E. A. Watson	Grand Island	Watson Wells	Irrig.	1	9	10	Hall	June	21	1950		4708*
Ground Water	Lloyd E. Eckert	Bridgeport	Eckert Well	Irrig.	33	19	52	Morrill	Aug.	14	1950		4737*
Ground Water	Norris B. Lakey	Grand Island	Lakey Well	Irrig.	20	12	8	Merrick	Sept.	7	1950		4746*
Ground Water	Ralph B. Muhr	Bridgeport	Muhr Well	Irrig.	1	18	53	Banner	Oct.	9	1950		4754*
Ground Water	Stotts Brothers	Ashby	Stotts Well	Irrig.	32	21	39	Grant	Dec.	20	1950		4780*
Ground Water	Samuel H. Perkins	Mitchell	Perkins Well	Irrig.	32	24	56	Sioux	Feb.	26	1951		4810*
Ground Water	Samuel H. Perkins	Mitchell	Perkins Well	Irrig.	30	25	56	Sioux	Feb.	26	1951		4811*
Ground Water	M. D. Weldon	Lincoln	Weldon Well No. 1	Irrig.	11	10	11	Hall	Mar.	23	1951		4827*
Ground Water	M. E. Cooper	Cozad	Cooper Well No. 1	Irrig.	30	11	23	Dawson	Apr.	5	1951		4836*
Ground Water	Craig and Cooper	Cozad	Cooper Well No. 2	Irrig.	23	10	24	Dawson	Apr.	5	1951		4837*
Ground Water	Donald R. Green	Amherst	Green Well	Irrig.	23	10	17	Buffalo	Apr.	19	1951		4846*
Ground Water	Fred R. Lamb	North Platte	Lamb Well	Irrig.	26	14	31	Lincoln	June	22	1951		4877*
Ground Water	Bernard L. McHargue	Central City	McHargue Well	Irrig.	18	15	5	Merrick	July	3	1951		4879*
Ground Water	George T. Burke	Central City	Burke Well	Irrig.	17	14	6	Merrick	Aug.	8	1951		4895*
Ground Water	Maurice E. Peterson	Central City	Peterson Well	Irrig.	8	13	6	Merrick	Aug.	14	1951		4899*
Ground Water	Alex Kasha	North Platte	Kasha Well	Irrig.	23	13	30	Lincoln	Dec.	17	1951		4919*
Ground Water	Gordon C. Danielson	Kearney	Danielson Well	Irrig.	17	9	16	Buffalo	Dec.	28	1951		4922*
Ground Water	Fred G. Webb	Odessa	Webb Well	Irrig.	15	9	16	Buffalo	Jan.	2	1952		4927*
Ground Water	Wilbur E. Contryman	North Platte	Contryman Well	Irrig.	25	14	36	Keith	Feb.	13	1952		4941*
Ground Water	Wm. N. Campbell	Oshkosh	Campbell Well	Irrig.	2	17	44	Garden	Mar.	19	1952		4950*
Ground Water	Robert R. Holmes	Redington	Holmes Well	Irrig.	31	19	51	Morrill	May	6	1952		4966*
Ground Water	LaVerne B. Gartin	Franklin	Gartin Well	Irrig.	34	11	12	Hall	May	16	1952		4968*
Ground Water	Lewis F. Powell	Alliance	Powell Well	Irrig.	14	25	48	Box Butte	June	25	1952		4979*
Ground Water	Don B. Reynolds	North Platte	Reynolds Well No. 1	Irrig.	19	13	29	Lincoln	July	15	1952		4988*
Ground Water	Don B. Reynolds	North Platte	Reynolds Well No. 2	Irrig.	19	13	29	Lincoln	July	15	1952		4989*
Ground Water	John F. Evers	Franklin	Evers Well	Irrig.	7	8	15	Buffalo	July	15	1952		4990*
Ground Water	John F. Evers	Franklin	Evers Well	Irrig.	7	8	15	Buffalo	July	15	1952		4991*
Ground Water	Wilbur E. Contryman	North Platte	Contryman Well	Irrig.	25	14	36	Keith	Aug.	28	1952		5018*

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

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Ground Water	Jensen and Wallace	Kearney	Jensen and Wallace Well	Irrig.		13	10	17	Buffalo	Sept.	2	1952		5019*
Ground Water	Robert W. Peterson	Riverdale	Peterson Well	Irrig.		30	10	16	Buffalo	Sept.	25	1952		5033*
Ground Water	C. R. Wilcox	Kenesaw	Wilcox Well	Irrig.		15	8	13	Kearney	Oct.	16	1952		5044*
Ground Water	Homer F. Moore	Brady	Moore Well	Irrig.		10	12	28	Lincoln	Oct.	21	1952		5046*
Ground Water	Snyder Brothers	Paxton	Snyder Well	Irrig.		21	14	36	Keith	Nov.	1	1952		5062*
Ground Water	Omer Reeves	North Platte	Reeves Well	Irrig.		34	13	29	Lincoln	Dec.	10	1952		5107*
Ground Water	James N. Robertson	Maxwell	Robertson Well	Irrig.		4	12	28	Lincoln	Dec.	22	1952		5118*
Ground Water	Grover Haring	Kearney	Haring Well	Irrig.		15	9	16	Buffalo	Dec.	30	1952		5121*
Ground Water	Warren I. Orcutt	Kearney	Orcutt Well	Irrig.		11	7	15	Kearney	Jan.	21	1953		5136*
Ground Water	Ole B. Christensen	Bridgeport	Christensen Well	Irrig.		34	19	50	Morrill	Feb.	3	1953		5144*
Ground Water	Maurice E. Jacobson	Lewellen	Jacobson Well	Irrig.		20	16	42	Garden	Feb.	17	1953		5167*
Ground Water	Gerald Sayer	Loomis	Sayer Well	Irrig.		28	7	19	Phelps	Feb.	19	1953		5175*
Ground Water	M. N. Travis	Morrill	Travis Well	Irrig.		22	23	57	Scotts Bluff	Feb.	24	1953		5178*
Ground Water	Charles X. Miller	Doniphan	Miller Well	Irrig.		29	9	10	Hall	Feb.	26	1953		5187*
Ground Water	T. C. Reeves	Central City	Reeves Well	Irrig.		27	13	7	Merrick	Feb.	26	1953		5188*
Ground Water	T. C. Reeves	Central City	Reeves Well	Irrig.		28	13	7	Merrick	Feb.	26	1953		5189*
Ground Water	L. A. Nystrom	Central City	Nystrom Well	Irrig.		21	13	7	Merrick	Feb.	26	1953		5191*
Ground Water	Glenn E. Miller	Lexington	Miller Well	Irrig.		25	10	22	Dawson	Feb.	28	1953		5196*
Ground Water	C. A. Bradley	North Platte	Bradley Well	Irrig.		20	13	29	Lincoln	Mar.	30	1953		5227*
Ground Water	Garnett E. Page	Lexington	Page Well	Irrig.		15	10	22	Dawson	Mar.	31	1953		5230*
Ground Water	Garnett E. Page	Lexington	Page Well	Irrig.		23	10	22	Dawson	Mar.	31	1953		5231*
Ground Water	Garnett E. Page	Lexington	Page Well	Irrig.		35	10	22	Dawson	Mar.	31	1953		5232*
Ground Water	Walter W. Armstrong	Brule	Armstrong Well	Irrig.		36	13	41	Keith	Apr.	1	1953		5234*
Ground Water	Walter W. Armstrong	Brule	Armstrong Well	Irrig.		36	13	41	Keith	Apr.	1	1953		5235*
Ground Water	Walter W. Armstrong	Brule	Armstrong Well	Irrig.		2	12	41	Keith	Apr.	1	1953		5236*
Ground Water	Everett S. Mieth	Cairo	Mieth Well	Irrig.		4	11	12	Hall	Apr.	2	1953		5239*
Ground Water	Marcellus L. Schulz	Paxton	Schulz Well	Irrig.		5	13	36	Keith	Apr.	3	1953		5241*
Ground Water	Lydia Weber	Kearney	Weber Well	Irrig.		11	9	16	Buffalo	Apr.	11	1953		5253*

Ground Water	Lydia Weber	Kearney	Weber Well	Irrig.	21	8	19	Buffalo	Apr.	11	1953		5254*
Ground Water	Carl Weber	Kearney	Weber Wells	Irrig.	9	10	16	Buffalo	Apr.	11	1953		5255*
Ground Water	Weber and Pierce	Kearney	Weber and Pierce Well	Irrig.	24	6	17	Phelps	Apr.	11	1953		5256*
Ground Water	Weber and Pierce	Kearney	Weber and Pierce Wells	Irrig.	16	9	16	Buffalo	Apr.	11	1953		5257*
Ground Water	Roy L. Betts	Red Oak	Betts Wells	Irrig.	36	15	6	Merrick	Apr.	15	1953		5264*
Ground Water	Joseph L. Conroy	McCook	Conroy Well	Irrig.	25	14	7	Merrick	Apr.	15	1953		5265*
Ground Water	Nelly Jensen	Cozad	Jensen Well	Irrig.	23	11	23	Dawson	Apr.	16	1953		5269b*
Ground Water	Henry Schutz	St. Libory	Schutz Wells	Irrig.	2	13	8	Merrick	Apr.	18	1953		5271*
					14	13	8	Merrick	Apr.	18	1953		5271*
Ground Water	Adolph Rohrich	Wood River	Rohrich Well	Irrig.	26	10	12	Hall	Apr.	18	1953		5272*
Ground Water	Wesley Schutz	Columbus	Schutz Well	Irrig.	7	13	7	Merrick	Apr.	20	1953		5275*
Ground Water	V. C. Shoup	Clarks	Shoup Well	Irrig.	18	13	5	Merrick	Apr.	21	1953		5276*
Ground Water	Raymond W. Hummel	Central City	Hummel Well	Irrig.	14	14	6	Merrick	Apr.	25	1953		5288*
Ground Water	Lucian L. Greves	Central City	Greves Wells	Irrig.	33	15	6	Merrick	Apr.	28	1953		5293*
Ground Water	Hans V. Larsen	Central City	Larsen Wells	Irrig.	10	15	4	Merrick	Apr.	30	1953		5300*
					4	15	4	Merrick	Apr.	30	1953		5300*
					10	14	6	Merrick	Apr.	30	1953		5300*
Ground Water	Marvin M. Babcock	Central City	Babcock Wells	Irrig.	8	14	6	Merrick	Apr.	30	1953		5301*
Ground Water	Clause H. Wagner	Central City	Wagner Well	Irrig.	26	14	7	Merrick	Apr.	30	1953		5302*
Ground Water	Frank K. Betts	Clarks	Betts Wells	Irrig.	32	15	4	Merrick	May	5	1953		5307*
Ground Water	J. O. Rawlings	Central City	Rawlings Wells	Irrig.	15	14	7	Merrick	May	8	1953		5312*
Ground Water	Herman F. Holm	Stockton, Calif.	Holm Well	Irrig.	17	15	5	Merrick	May	15	1953		5319*
Ground Water	Earl McHargue	Central City	McHargue Wells	Irrig.	16	13	6	Merrick	May	15	1953		5320*
Ground Water	Cecil Tooley	Central City	Tooley Wells Nos. 1, 2, & 3	Irrig.	24	13	7	Merrick	May	26	1953		5329*
					19	13	6	Merrick	May	26	1953		5329*
Ground Water	B. Hastings Robinson	Seattle, Wash.	Robinson Well	Irrig.	32	14	6	Merrick	May	26	1953		5330*
Ground Water	Lizzie Litzenberg	Central City	Litzenberg Wells	Irrig.	12	13	7	Merrick	May	26	1953		5331*
					8	13	6	Merrick	May	26	1953		5331*
					2	13	7	Merrick	May	26	1953		5331*
					12	15	5	Merrick	May	26	1953		5331*
					5	13	5	Merrick	May	26	1953		5331*

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Alice S. Badger	Long Beach. Calif.	Badger Wells	Irrig.		15	13	6	Merrick	May	26	1953		5332*
						21	13	6	Merrick	May	26	1953		5332*
						11	13	7	Merrick	May	26	1953		5332*
						27	14	6	Merrick	May	26	1953		5332*
Ground Water	W. E. Cavender	Central City	Cavender Well	Irrig.		32	14	6	Merrick	June	3	1953		5342*
Ground Water	Lewis B. Melvin	Bridgeport	Melvin Well	Irrig.		21	20	49	Morrill	June	15	1953		5353*
Ground Water	Henry F. Greving	Central City	Greving Wells	Irrig.		5	14	6	Merrick	June	27	1953		5365*
						9	14	6	Merrick	June	27	1953		5365*
Ground Water	Rosina Smith	Anaheim, Calif	Smith Well	Irrig.		6	13	6	Merrick	June	27	1953		5366*
Ground Water	Wm. H. Flint	Lyman	Flint Well	Irrig.		36	24	57	Sioux	June	27	1953		5367*
Ground Water	Rose H. Larsen	Central City	Larsen Well	Irrig.		7	12	5	Hamilton	June	29	1953		5369*
Ground Water	Francis McConnell	Central City	McConnell Well	Irrig.		17	14	5	Merrick	June	30	1953		5370*
Ground Water	Eli Allen	Cozad	Allen Well	Irrig.		29	11	23	Dawson	July	1	1953		5372*
Ground Water	August H. Evers	Clarks	Evers Wells	Irrig.		17	15	5	Merrick	July	10	1953		5382*
Ground Water	Walter W. O'Nele	Central City	O'Nele Well	Irrig.		30	13	6	Merrick	July	10	1953		5383*
Ground Water	Ernest D. Gruber	Lexington	Gruber Well	Irrig.		19	10	20	Dawson	July	13	1953		5389*
Ground Water	Cecil Rawlings	Archer	Rawlings Well	Irrig.		22	14	6	Merrick	July	15	1953		5394*
Ground Water	Ida Fishburn	Chapman	Fishburn Well	Irrig.		5	12	7	Merrick	July	28	1953		5425*
Ground Water	Charles V. Day	Riverdale	Day Well	Irrig.		25	11	16	Buffalo	Aug.	1	1953		5437*
Ground Water	Oscar Larson	Funk	Larson Well	Irrig.		28	7	17	Phelps	Aug.	3	1953		5441*
Ground Water	Walter R. Frink	Gibbon	Frink Well	Irrig.		10	9	14	Buffalo	Aug.	10	1953		5457*
Ground Water	Claude W. Wright	Mitchell	Wright Well	Irrig.		23	23	56	Scotts Bluff	Aug.	10	1953		5459*
Ground Water	J. Ray Deeter	Lexington	Deeter Well	Irrig.		7	9	21	Dawson	Aug.	11	1953		5461*
Ground Water	Roy Q. Robb	Alda	Robb Well	Irrig.		22	11	10	Hall	Aug.	14	1953		5474*
Ground Water	Donald W. Meier	Grand Island	Meier Well	Irrig.		13	12	10	Hall	Aug.	18	1953		5483*
Ground Water	Sam Spahr	Gibbon	Spahr Wells	Irrig.		16	8	14	Buffalo	Aug.	19	1953		5485*
Ground Water	Clement H. Hilsabeck	Scottsbluff	Hilsabeck Well	Irrig.		15	23	58	Scotts Bluff	Aug.	20	1953		5489*
Ground Water	LaVerne N. Norman	Lamar	Norman Well	Irrig.		17	7	41	Chase	Aug.	21	1953		5490*

Ground Water	Esther Tjaden	Hastings	Tjaden Well	Irrig.	2	9	13	Buffalo	Aug.	26	1953	5503*
Ground Water	Ed E. Smith	Anaheim, Calif	Smith Well	Irrig.	20	13	6	Merrick	Aug.	26	1953	5505*
Ground Water	D. D. Ernst	Lexington	Ernst Wells	Irrig.	32	10	22	Dawson	Aug.	26	1953	5506*
Ground Water	Neil K. Yendra	Gibbon	Yendra Well	Irrig.	33	10	14	Buffalo	Aug.	27	1953	5513*
Ground Water	Phillip Erickson	Holdrege	Erickson Well	Irrig.	20	7	18	Phelps	Sept.	1	1953	5527*
Ground Water	James H. Hungerford	Alliance	Hungerford Well	Irrig.	23	25	48	Box Butte	Sept.	4	1953	5543*
Ground Water	Vergil Krohn	Holdrege	Krohn Well	Irrig.	28	7	18	Phelps	Sept.	8	1953	5544*
Ground Water	Rowan Hoover	Brule	Hoover Well	Irrig.	3	12	41	Keith	Sept.	8	1953	5545*
Ground Water	D. A. Olmsted	Ogallala	Olmsted Well	Irrig.	30	16	42	Garden	Sept.	11	1953	5561*
Ground Water	L. E. Gillan	Central City	Gillan Well	Irrig.	32	14	6	Merrick	Sept.	14	1953	5567*
Ground Water	Viola Opitz	Bertrand	Opitz Well	Irrig.	31	7	20	Phelps	Sept.	16	1953	5573*
Ground Water	Leonard E. Osler	Kenesaw	Osler Well	Irrig.	8	8	12	Adams	Sept.	22	1953	5591*
Ground Water	Schwartz Bros. Imp. Co., et al.	Hildreth	Schwartz Well	Irrig.	25	9	19	Dawson	Sept.	26	1953	5604*
Ground Water	Russell J. Junkins	Bertrand	Junkins Well	Irrig.	31	7	20	Phelps	Sept.	26	1953	5605*
Ground Water	Arthur Soderholm	Holdrege	Soderholm Well	Irrig.	30	7	17	Phelps	Oct.	1	1953	5616*
Ground Water	Franklin H. La Velle	North Platte	La Velle Wells	Irrig.	24	13	31	Lincoln	Oct.	7	1953	5632*
Ground Water	Paul W. Mattson	Loomis	Mattson Well	Irrig.	10	6	19	Phelps	Oct.	8	1953	5633*
Ground Water	Arthur Jensen	Minden	Jensen Well	Irrig.	30	6	17	Phelps	Oct.	9	1953	5637*
Ground Water	Walter J. Stark	Loomis	Stark Well	Irrig.	8	6	19	Phelps	Oct.	16	1953	5648*
Ground Water	Victor C. Harder	Ogallala	Harder Well	Irrig.	30	13	36	Keith	Oct.	19	1953	5657*
Ground Water	Clark Williams	Clarks	Williams Wells	Irrig.	28	15	5	Merrick	Oct.	20	1953	5659*
					20	15	5	Merrick	Oct.	20	1953	5659*
Ground Water	Robert Spangler	Ogallala	Spangler Wells	Irrig.	11	13	39	Keith	Oct.	23	1953	5667*
					12	13	39	Keith	Oct.	23	1953	5667*
Ground Water	S. A. Sherman	Ogallala	Sherman Well	Irrig.	21	13	39	Keith	Oct.	24	1953	5672*
Ground Water	Mark Bolin	Gibbon	Bolin Wells	Irrig.	21	9	14	Buffalo	Nov.	9	1953	5711*
					28	9	14	Buffalo	Nov.	9	1953	5711*
					11	9	14	Buffalo	Nov.	9	1953	5711*
Ground Water	Roy W. Pearson	Holdrege	Pearson Well	Irrig.	30	7	19	Phelps	Nov.	14	1953	5727*
Ground Water	Harold G. Tinsley	Alliance	Tinsley Well	Irrig.	26	26	51	Box Butte	Dec.	7	1953	5778*
Ground Water	Joe A. Domandle	Poole	Domandle Wells	Irrig.	36	11	15	Buffalo	Dec.	8	1953	5781*
					1	10	15	Buffalo	Dec.	8	1953	5781*

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Ernest W. Koch	Cozad	Koch Well	Irrig.		3	11	24	Dawson	Dec.	15	1953		5793*
Ground Water	Ray W. Neal	Kearney	Neal Well	Irrig.		27	8	15	Kearney	Dec.	16	1953		5795*
Ground Water	Ray W. Neal	Kearney	Neal Well	Irrig.		26	8	15	Kearney	Dec.	16	1953		5796*
Ground Water	Ernest E. Adelung	Amherst	Adelung Wells	Irrig.		21	10	17	Buffalo	Dec.	16	1953		5797*
Ground Water	Phillip Koch	Loomis	Koch Well	Irrig.		19	6	19	Phelps	Dec.	17	1953		5801*
Ground Water	C. G. Wallace	Hastings	Wallace Well	Irrig.		29	8	14	Kearney	Dec.	19	1953		5806*
Ground Water	C. G. Wallace	Hastings	Wallace Well	Irrig.		29	8	14	Kearney	Dec.	19	1953		5807*
Ground Water	Walter E. Gruber	Gothenburg	Gruber Well	Irrig.		21	12	25	Dawson	Dec.	21	1953		5808*
Ground Water	Walter E. Gruber	Gothenburg	Gruber Well	Irrig.		21	12	25	Dawson	Dec.	21	1953		5809*
Ground Water	Keith C. Gruber	Gothenburg	Gruber Well	Irrig.		11	11	25	Dawson	Dec.	21	1953		5810*
Ground Water	Mattie Otte	Scottsbluff	Otte Well	Irrig.		22	22	54	Scotts Bluff	Dec.	28	1953		5819*
Ground Water	Jerry Hays	Scottsbluff	Hays Well	Irrig.		7	22	54	Scotts Bluff	Dec.	28	1953		5820*
Ground Water	James C. Smith	Lexington	Smith Well	Irrig.		29	10	21	Dawson	Dec.	29	1953		5828*
Ground Water	James C. Smith	Lexington	Smith Well	Irrig.		7	11	22	Dawson	Dec.	29	1953		5829*
Ground Water	Henry Jensen	Lexington	Jensen Well	Irrig.		16	11	22	Dawson	Dec.	29	1953		5830*
Ground Water	Noel Bacon	Lexington	Bacon Well	Irrig.		13	10	21	Dawson	Dec.	30	1953		5835*
Ground Water	Carl E. Bacon	Lexington	Bacon Well	Irrig.		13	10	21	Dawson	Dec.	30	1953		5836*
Ground Water	Elmer O. Farm	Minden	Farm Well	Irrig.		29	6	15	Kearney	Jan.	7	1954		5851*
Ground Water	Harris Bros.	Shelton	Harris Well	Irrig.		16	9	13	Buffalo	Jan.	11	1954		5857*
Ground Water	Harris Bros.	Shelton	Harris Well	Irrig.		8	9	13	Buffalo	Jan.	11	1954		5858*
Ground Water	Harris Bros.	Shelton	Harris Well	Irrig.		8	9	13	Buffalo	Jan.	11	1954		5859*
Ground Water	Leland A. Kappel	Miller	Kappel Well	Irrig.		6	11	18	Buffalo	Jan.	13	1954		5866*
Ground Water	Andrew Swan	Gothenburg	Swan Well	Irrig.		15	11	24	Dawson	Jan.	16	1954		5873*
Ground Water	Andrew Swan	Gothenburg	Swan Well	Irrig.		2	11	25	Dawson	Jan.	16	1954		5874*
Ground Water	Andrew Swan	Gothenburg	Swan Well	Irrig.		16	11	24	Dawson	Jan.	16	1954		5875*
Ground Water	Andrew Swan	Gothenburg	Swan Well	Irrig.		16	11	24	Dawson	Jan.	16	1954		5876*
Ground Water	Henry Kurtz	Mitchell	Kurtz Well	Irrig.		5	23	56	Scotts Bluff	Jan.	18	1954		5879*
Ground Water	Dinsdale Bros., Inc.	Palmer	Dinsdale Well No. 3	Irrig.		17	13	6	Merrick	Jan.	25	1954		5893*

Ground Water	Dinsdale Bros., Inc.	Palmer	Dinsdale Well No. 4	Irrig.	17	13	6	Merrick	Jan.	25	1954		5894*
Ground Water	Dinsdale Bros., Inc.	Palmer	Dinsdale Well No. 5	Irrig.	17	13	6	Merrick	Jan.	25	1954		5895*
Ground Water	Dinsdale Bros., Inc.	Palmer	Dinsdale Well No. 6	Irrig.	17	13	6	Merrick	Jan.	25	1954		5896*
Ground Water	Dinsdale Bros., Inc.	Palmer	Dinsdale Well No. 1	Irrig.	5	14	8	Merrick	Jan.	25	1954		5897*
Ground Water	Dinsdale Bros., Inc.	Palmer	Dinsdale Well No. 2	Irrig.	33	15	8	Merrick	Jan.	25	1954		5898*
Ground Water	Dinsdale Bros., Inc.	Palmer	Dinsdale Well No. 7	Irrig.	10	17	2	Greeley	Jan.	25	1954		5899*
Ground Water	E. Y. Grupe	Scottsbluff	Grupe Well	Irrig.	24	23	58	Scotts Bluff	Jan.	25	1954		5901*
Ground Water	Lloyd P. Stone	Lincoln	Stone Well	Irrig.	1	8	22	Gosper	Jan.	30	1954		5913*
Ground Water	Harold Moffat	Oshkosh	Moffat Well	Irrig.	14	17	44	Garden	Feb.	1	1954		5916*
Ground Water	Daniel Baasch	Grand Island	Baasch Well	Irrig.	13	11	9	Hall	Feb.	1	1954		5917*
Ground Water	John V. Diener	North Platte	Diener Well	Irrig.	7	12	29	Lincoln	Feb.	4	1954		5934*
Ground Water	Howard P. Jensen	Oshkosh	Jensen Well	Irrig.	31	17	43	Garden	Feb.	5	1954		5939*
Ground Water	Mrs. Elvira J. Good	Lincoln	Good Well	Irrig.	1	10	12	Hall	Feb.	10	1954		5950*
Ground Water	E. W. Bostrom	Brule	Bostrom Well	Irrig.	34	13	41	Keith	Feb.	13	1954		5953*
Ground Water	Julius Holl	Kenesaw	Holl Wells	Irrig.	16	8	13	Kearney	Feb.	16	1954		5964*
					17	8	13	Kearney	Feb.	16	1954		5964*
Ground Water	Harold W. Larson	Funk	Larson Well	Irrig.	33	7	17	Phelps	Feb.	25	1954		5987*
Ground Water	Alvah Gee	Palmer	Gee Well No. 1	Irrig.	4	14	8	Merrick	Feb.	25	1954		5988*
Ground Water	Eldon W. Lepp	Gothenburg	Lepp Well	Irrig.	10	11	12	Hall	Feb.	26	1954		5999*
Ground Water	Walter W. Berck	Osceola	Berck Well	Irrig.	13	14	4	Polk	Feb.	27	1954		6003*
Ground Water	Elmer Lock	Central City	Lock Well No. 1	Irrig.	27	13	6	Hamilton	Feb.	27	1954		6006*
Ground Water	J. C. Hollman	North Platte	Hollman Well	Irrig.	30	12	27	Lincoln	Mar.	2	1954		6014*
Ground Water	Karl Petersen	Central City	Petersen Well	Irrig.	10	14	6	Merrick	Mar.	3	1954		6017*
Ground Water	M. C. Holtorf	Central City	Holtorf Well	Irrig.	3	14	6	Merrick	Mar.	3	1954		6018*
Ground Water	Henry Schipporeit	Silver Creek	Schipporeit Well	Irrig.	3	15	3	Polk	Mar.	5	1954		6035*
Ground Water	Willard G. Seng	Oshkosh	Seng Well No. 1	Irrig.	19	17	44	Garden	Mar.	6	1954		6036*
Ground Water	Willard G. Seng	Oshkosh	Seng Well No. 2	Irrig.	19	17	44	Garden	Mar.	6	1954		6037*
Ground Water	Willard G. Seng	Oshkosh	Seng Well No. 3	Irrig.	19	17	44	Garden	Mar.	6	1954		6038*
Ground Water	Mrs. Maggie Gruber	Cozad	Gruber Well	Irrig.	5	9	23	Dawson	Mar.	8	1954		6040*
Ground Water	Henry G. Lindekugel	Sutherland	Lindekugel Well	Irrig.	31	14	32	Lincoln	Mar.	8	1954		6041*
Ground Water	C. E. Ryan	Brule	Ryan Well	Irrig.	21	13	40	Keith	Mar.	10	1954		6052*

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Ferdinand Pedersen	Cozad	Pedersen Well	Irrig.		17	11	22	Dawson	Mar.	15	1954		6061*
Ground Water	George W. Selk	Cozad	Selk Well	Irrig.		29	12	23	Dawson	Mar.	16	1954		6068*
Ground Water	Wm. A. Morris	Clarks	Morris Well No. 1	Irrig.		16	15	5	Merrick	Mar.	30	1954		6132*
Ground Water	Wm. A. Morris	Clarks	Morris Well No. 2	Irrig.		16	15	5	Merrick	Mar.	30	1954		6133*
Ground Water	Albert J. Morris	Clarks	Morris Well No. 1	Irrig.		16	15	5	Merrick	Mar.	30	1954		6134*
Ground Water	Albert J. Morris	Clarks	Morris Well No. 2	Irrig.		16	15	5	Merrick	Mar.	30	1954		6135*
Ground Water	Albert J. Morris	Clarks	Morris Well No. 3	Irrig.		16	15	5	Merrick	Mar.	30	1954		6136*
Ground Water	Eldon W. Lepp	Gothenburg	Lepp Well	Irrig.		10	11	12	Hall	Mar.	30	1954		6137*
Ground Water	Erich F. Bahr	Wood River	Bahr Well	Irrig.		31	11	11	Hall	Mar.	30	1954		6138*
Ground Water	May A. Runquist	Minden	Runquist Well	Irrig.		21	8	20	Phelps	Mar.	30	1954		6139*
Ground Water	Reuben Kampfe	Gothenburg	Kampfe Well	Irrig.		35	12	25	Dawson	Mar.	30	1954		6143*
Ground Water	Arthur Kampfe	Gothenburg	Kampfe Well	Irrig.		35	12	25	Dawson	Mar.	30	1954		6144*
Ground Water	Charley F. Hueftle, et al.	Eustis	Hueftle Well	Irrig.		4	9	23	Dawson	Mar.	30	1954		6145*
Ground Water	Dorothy C. Trumbull	Scottsbluff	Trumbull Well	Irrig.		12	22	55	Scotts Bluff	Apr.	14	1954		6184*
Ground Water	Leroy A. Ossenkop	Lexington	Ossenkop Well	Irrig.		25	10	21	Dawson	Apr.	14	1954		6193*
Ground Water	O. Z. Freburg	Loomis	Freburg Well	Irrig.		32	8	19	Phelps	Apr.	14	1954		6197*
Ground Water	B. B. Carlisle	North Platte	Carlisle Well	Irrig.		23	13	30	Lincoln	Apr.	14	1954		6200*
Ground Water	Wilmer D. McGrath	Grand Island	McGrath Well	Irrig.		32	13	8	Merrick	Apr.	15	1954		6203*
Ground Water	Wilmer D. McGrath	Grand Island	McGrath Well	Irrig.		32	13	8	Merrick	Apr.	15	1954		6204*
Ground Water	George M. Schurr	Cozad	Schurr Well	Irrig.		18	10	22	Dawson	Apr.	29	1954		6252*
Ground Water	Chris Jensen	Fremont	Jensen Wells	Irrig.		5	15	5	Nance	Apr.	29	1954		6253*
						4	15	5	Nance	Apr.	29	1954		6253*
Ground Water	Art Schlondorf	Clarks	Schlondorf Wells	Irrig.		33	15	5	Merrick	Apr.	29	1954		6261*
Ground Water	Floyd J. Bean	Elwood	Bean Well	Irrig.		34	8	23	Gosper	Apr.	29	1954		6262*
Ground Water	Homer R. Richards	Kearney	Richards Well	Irrig.		22	10	15	Buffalo	Apr.	29	1954		6263*
Ground Water	Merle Refior	North Platte	Refior Well	Irrig.		16	13	31	Lincoln	Apr.	29	1954		6266*
Ground Water	Quinton E. Peterson	Holdrege	Peterson Well	Irrig.		30	6	17	Phelps	Apr.	30	1954		6272*
Ground Water	Glenn E. Miller	Lexington	Miller Well	Irrig.		25	10	22	Dawson	May	14	1954		6293*

Ground Water	T. L. Anderson	Bellwood	Anderson Well	Irrig.	24	16	1E	Butler	May	14	1954	6300*
Ground Water	Forest M. Fagot	Lexington	Fagot Well	Irrig.	20	10	21	Dawson	May	27	1954	6322*
Ground Water	F. J. Kreizinger	David City	Kreizinger Well	Irrig.	26	16	1E	Butler	May	27	1954	6325*
Ground Water	George M. Schurr	Cozad	Schurr Well	Irrig.	18	10	22	Dawson	May	27	1954	6327*
Ground Water	A. N. Cochran	Lexington	Cochran Wells	Irrig.	21	11	22	Dawson	May	27	1954	6330*
Ground Water	Joanne Flory	Fremont	Flory Well	Irrig.	11	10	12	Hall	May	27	1954	6335*
Ground Water	O. A. Beltzer	Grand Island	Beltzer Well	Irrig.	8	11	9	Hall	May	27	1954	6336*
Ground Water	O. A. Beltzer	Grand Island	Beltzer Well	Irrig.	7	9	12	Hall	May	27	1954	6337*
Ground Water	O. A. Beltzer	Grand Island	Beltzer Wells	Irrig.	22	12	10	Hall	May	27	1954	6338*
Ground Water	O. A. Beltzer	Grand Island	Beltzer Well	Irrig.	17	12	11	Hall	May	27	1954	6339*
Ground Water	O. A. Beltzer	Grand Island	Beltzer Well	Irrig.	3	11	11	Hall	May	27	1954	6340*
Ground Water	O. A. Beltzer	Grand Island	Beltzer Wells	Irrig.	8	9	12	Hall	May	27	1954	6341*
Ground Water	Grand Island Trust Co.	Grand Island	Grand Island Trust Co. Wells	Irrig.	20	12	8	Merrick	May	27	1954	6342*
Ground Water	Grand Island Trust Co.	Grand Island	Grand Island Trust Co. Wells	Irrig.	35	12	11	Hall	May	27	1954	6343*
Ground Water	Grand Island Trust Co.	Grand Island	Grand Island Trust Co. Well	Irrig.	22	12	10	Hall	May	27	1954	6344*
Ground Water	Grand Island Trust Co.	Grand Island	Grand Island Trust Co. Well	Irrig.	6	9	12	Hall	May	27	1954	6345*
Ground Water	Grand Island Trust Co.	Grand Island	Grand Island Trust Co. Wells	Irrig.	20	9	12	Hall	May	27	1954	6346*
Ground Water	Grand Island Trust Co.	Grand Island	Grand Island Trust Co. Well	Irrig.	7	10	12	Hall	May	27	1954	6347*
Ground Water	Nellie M. Beltzer	Grand Island	Beltzer Wells	Irrig.	27	11	11	Hall	May	27	1954	6348*
Ground Water	R. H. Ackerman	Upland	Ackerman Well	Irrig.	7	8	15	Buffalo	May	27	1954	6349*
Ground Water	Lucas Djernes	Central City	Djernes Well	Irrig.	31	14	6	Merrick	May	27	1954	6350*
Ground Water	Carl F. Grim	Lexington	Grim Well	Irrig.	26	11	22	Dawson	May	27	1954	6351*
Ground Water	Carl F. Grim	Lexington	Grim Well	Irrig.	6	9	19	Dawson	May	27	1954	6352*
Ground Water	Erwin G. Driewer	Hampton	Driewer Well	Irrig.	36	12	5	Hamilton	June	24	1954	6374*
Ground Water	Felix Grenwaldt	Eddyville	Grenwaldt Well	Irrig.	26	13	21	Custer	June	24	1954	6375*

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Mrs. M. A. Watkinson	Lexington	Watkinson Well	Irrig.		15	10	21	Dawson	June	24	1954		6378*
Ground Water	Mrs. M. A. Watkinson	Lexington	Watkinson Well	Irrig.		22	10	21	Dawson	June	24	1954		6379*
Ground Water	Mrs. M. A. Watkinson	Lexington	Watkinson Well	Irrig.		22	10	21	Dawson	June	24	1954		6380*
Ground Water	Mrs. M. A. Watkinson	Lexington	Watkinson Well	Irrig.		14	10	21	Dawson	June	24	1954		6381*
Ground Water	Julius Pizer Estate	North Platte	Pizer Well	Irrig.		14	13	30	Lincoln	June	24	1954		6383*
Ground Water	Julius Pizer Estate	North Platte	Pizer Well	Irrig.		14	13	30	Lincoln	June	24	1954		6384*
Ground Water	Elmer O. Riter	Lisco	Riter Well	Irrig.		10	17	45	Garden	June	24	1954		6387*
Ground Water	L. W. Solt	Central City	Solt Wells	Irrig.		18	12	8	Merrick	July	20	1954		6435*
Ground Water	George C. Holt	Kearney	Holt Well	Irrig.		28	9	14	Buffalo	July	20	1954		6442*
Ground Water	Carl Hiegel	Mitchell	Heigel Well	Irrig.		17	23	55	Scotts Bluff	July	20	1954		6445*
Ground Water	Harry Long	Morrill	Long Well	Irrig.		21	23	57	Scotts Bluff	July	20	1954		6446*
Ground Water	Harry Long	Morrill	Long Well	Irrig.		22	23	57	Scotts Bluff	July	20	1954		6447*
Ground Water	Mueller and Mueller	Ogallala	Mueller Well	Irrig.		7	13	38	Keith	July	20	1954		6451*
Ground Water	Mueller and Mueller	Ogallala	Mueller Well	Irrig.		7	13	38	Keith	July	20	1954		6452*
Ground Water	Chas. E. Mueller	Ogallala	Mueller Well	Irrig.		7	13	38	Keith	July	20	1954		6453*
Ground Water	Mueller and Mueller	Ogallala	Mueller Well	Irrig.		7	13	38	Keith	July	20	1954		6454*
Ground Water	Mueller and Mueller	Ogallala	Mueller Well	Irrig.		18	13	38	Keith	July	20	1954		6455*
Ground Water	Chas. E. Mueller	Ogallala	Mueller Well	Irrig.		7	13	38	Keith	July	20	1954		6456*
Ground Water	Orris V. Corman	Bridgeport	Corman Well	Irrig.		34	19	50	Morrill	July	20	1954		6457*
Ground Water	David Dillman	Morrill	Dillman Well	Irrig.		2	23	57	Scotts Bluff	July	20	1954		6458*
Ground Water	Henry Hoff, Sr.	Mitchell	Hoff Well	Irrig.		18	23	55	Scotts Bluff	July	20	1954		6466*
Ground Water	E. F. Pieper	Mitchell	Pieper Well	Irrig.		11	22	56	Scotts Bluff	July	20	1954		6468*
Ground Water	Paige C. Palmer	Elm Creek	Palmer Well	Irrig.		18	8	18	Phelps	July	20	1954		6470*
Ground Water	Ernest Schnieder	Poole	Schnieder Well	Irrig.		14	11	15	Buffalo	July	20	1954		6471*
Ground Water	William A. Rice	Cozad	Rice Well	Irrig.		34	10	20	Dawson	July	31	1954		6534*
Ground Water	John Heider	Kearney	Heider Well	Irrig.		23	11	15	Buffalo	July	31	1954		6536*
Ground Water	Byron D. Sadle	Paxton	Sadle Well	Irrig.		24	14	36	Keith	July	31	1954		6540*
Ground Water	Byron D. Sadle	Paxton	Sadle Well	Irrig.		24	14	36	Keith	July	31	1954		6541*

Ground Water	Fred Lillard	Lyman	Lillard Well	Irrig.	14	23	58	Scotts Bluff	July	31	1954	6550*
Ground Water	Louis C. Newkirk	Bridgeport	Newkirk Well	Irrig.	4	19	50	Morrill	Aug.	14	1954	6587*
Ground Water	B. N. Dunlap Company	Bridgeport	B. N. Dunlap Co. Well	Irrig.	29	20	50	Morrill	Aug.	14	1954	6592*
Ground Water	J. L. Steele	Minatare	Steele Well	Irrig.	26	22	53	Scotts Bluff	Aug.	14	1954	6594*
Ground Water	Maurice B. Quivey	Mitchell	Quivey Well	Irrig.	1	23	57	Scotts Bluff	Aug.	14	1954	6596*
Ground Water	Maurice B. Quivey	Mitchell	Quivey Well	Irrig.	26	24	57	Sioux	Aug.	14	1954	6597*
Ground Water	Maurice B. Quivey	Mitchell	Quivey Well	Irrig.	26	24	57	Sioux	Aug.	14	1954	6598*
Ground Water	Donald Forbes	Palmer	Forbes Well	Irrig.	17	14	8	Merrick	Aug.	14	1954	6600*
Ground Water	Fred L. Smith	Bridgeport	Smith Well	Irrig.	27	19	50	Morrill	Aug.	14	1954	6604*
Ground Water	Lawrence Carlson, et al.	Bertrand	Carlson Well	Irrig.	6	6	20	Phelps	Aug.	14	1954	6605*
Ground Water	Wilfred V. Stuart	Lexington	Stuart Well No. 2	Irrig.	3	9	21	Dawson	Aug.	14	1954	6609*
Ground Water	Adam Gabel	Minatare	Gabel Well	Irrig.	35	22	53	Scotts Bluff	Aug.	14	1954	6618*
Ground Water	Joe Linn	Mitchell	Linn Well	Irrig.	30	23	56	Scotts Bluff	Aug.	27	1954	6643*
Ground Water	John Heigel	Mitchell	Heigel Well	Irrig.	20	23	55	Scotts Bluff	Aug.	27	1954	6644*
Ground Water	Wayne Rook	Lewellen	Rook Well	Irrig.	26	16	42	Garden	Aug.	27	1954	6647*
Ground Water	Clara Anderson	Lexington	Anderson Well	Irrig.	36	9	22	Dawson	Aug.	27	1954	6651*
Ground Water	Clara Anderson	Lexington	Anderson Well	Irrig.	36	9	22	Dawson	Aug.	27	1954	6652*
Ground Water	Lowell Sarnes	Lexington	Sarnes Well	Irrig.	30	9	21	Dawson	Aug.	27	1954	6653*
Ground Water	Lowell Sarnes	Lexington	Sarnes Well	Irrig.	25	9	21	Dawson	Aug.	27	1954	6654*
Ground Water	Lowell Sarnes	Lexington	Sarnes Well	Irrig.	25	9	21	Dawson	Aug.	27	1954	6655*
Ground Water	Lowell Sarnes	Lexington	Sarnes Well	Irrig.	25	9	21	Dawson	Aug.	27	1954	6656*
Ground Water	Lowell Sarnes	Lexington	Sarnes Well	Irrig.	25	9	21	Dawson	Aug.	27	1954	6657*
Ground Water	Oscar S. Peterson	Brule	Peterson Well	Irrig.	3	12	41	Keith	Aug.	27	1954	6659*
Ground Water	Herman Hansen	Cozad	Hansen Well	Irrig.	32	11	23	Dawson	Aug.	27	1954	6664*
Ground Water	Herman Hansen	Cozad	Hansen Well	Irrig.	32	11	23	Dawson	Aug.	27	1954	6665*
Ground Water	Clyde Baker	Clarks	Baker Well	Irrig.	26	14	4	Polk	Aug.	27	1954	6666*
Ground Water	Edwin E. Gruber	Eustis	Gruber Well	Irrig.	18	8	23	Gosper	Aug.	27	1954	6668*
Ground Water	Ernest E. Adelung	Amherst	Adelung Well	Irrig.	21	10	17	Buffalo	Aug.	27	1954	6669*
Ground Water	W. O. Harris	Cozad	Harris Well	Irrig.	23	10	23	Dawson	Aug.	27	1954	6670*
Ground Water	Guy Spurrier	Mitchell	Spurrier Well	Irrig.	9	22	56	Scotts Bluff	Aug.	27	1954	6671*
Ground Water	Guy Spurrier	Mitchell	Spurrier Well	Irrig.	14	22	56	Scotts Bluff	Aug.	27	1954	6672*

*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Carlson Brothers	Overton	Carlson Well	Irrig.		15	8	20	Phelps	Sept.	28	1954		6702*
Ground Water	Gladys P. Mansfield	Haig	Mansfield Well	Irrig.		18	22	55	Scotts Bluff	Sept.	28	1954		6703*
Ground Water	Allie Peckham	Haig	Peckham Well	Irrig.		18	22	55	Scotts Bluff	Sept.	28	1954		6704*
Ground Water	Henry Juger, Sr.	Gering	Juger Well	Irrig.		8	21	52	Scotts Bluff	Sept.	28	1954		6705*
Ground Water	Paul C. Johnson	Sumner	Johnson Well	Irrig.		9	11	19	Dawson	Sept.	28	1954		6709*
Ground Water	Van E. Fisher	Lewellen	Fisher Well	Irrig.		19	16	42	Garden	Sept.	28	1954		6711*
Ground Water	James Roy Snell	Cozad	Snell Well	Irrig.		10	11	24	Dawson	Sept.	28	1954		6717*
Ground Water	Louis Johnson	Brady	Johnson Well	Irrig.		22	14	26	Lincoln	Sept.	28	1954		6720*
Ground Water	Emma A. Hatting	Lexington	Hatting Well	Irrig.		28	9	21	Dawson	Sept.	28	1954		6721*
Ground Water	Louis A. Schmidt	Columbus	Schmidt Well	Irrig.		33	16	1	Polk	Sept.	28	1954		6722*
Ground Water	Nye Farm	Kearney	Nye Well	Irrig.		10	9	16	Buffalo	Sept.	28	1954		6724*
Ground Water	Gertrude C. Rodgers	Lincoln	Rodgers Wells	Irrig.		15	19	54	Banner	Sept.	28	1954		6727*
Ground Water	S. W. Eckert	Bridgeport	Eckert Well	Irrig.		19	19	51	Morrill	Sept.	28	1954		6736*
Honey Drain No. 1	Henry Kugler	Cozad	Pump	Irrig.		6	9	22	Dawson	July	26	1954		6492*
Horse Creek	John Mihan 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.	8.71	33	23	58	Scotts Bluff	Feb.	21	1910		983
Horse Creek	John Mihan 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	Ed E. Crabill, et al	Melbeta	Huffman Canal	Irrig.	1.60	26	21	54	Scotts Bluff	Mar.	19	1909		937

Huntington Spr.	Mrs. Fred Card	Lyman	Card Canal	Irrig.	1.43	9	20	58	Scotts Bluff	Dec.	23	1904	778
Jacobson Res.	Carl A. Jacobson	Riverdale	Pumps	Supp. I.	A-1038	36	10	17	Buffalo	Feb.	3	1920	3870
				Stor-only		30	10	16	Buffalo	Feb.	3	1920	3870
				Stor-only		36	10	17	Buffalo	Feb.	3	1920	3870
Kilpatrick Res.	John B. Cook	Scottsbluff	North and South Canals	Supp. I.	D-567	6	24	51	Box Butte	June	7	1911	1159
				Stor-only		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.	†500,000 AF	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.	A-2355	8	13	29	Lincoln	July	28	1941	3476
				Stor-only		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	Stor-only		8	13	29	Lincoln	July	28	1941	4656

*Application not approved.
Priority for irrigation wells not established.
Supp. I. Storage water in addition to direct flow.
Supp. P. 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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings	Lateral E-67	Stor-only		8	13	29	Lincoln	Apr.	22	1953		5278
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings	Phelps County Canal	Stor-only		8	13	29	Lincoln	Apr.	1	1954		6161
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings	Keith-Lincoln Canal	Supp. I.	D-722	18	14	36	Keith	July	21	1954		6474*
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings	Suburban Canal	Supp. I.	D-662	12	14	33	Lincoln	July	21	1954		6475*
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings	Paxton-Hershey Canal	Supp. I.	D-653	18	14	33	Lincoln	July	21	1954		6476*
Kiowa Creek	Edw. A. Currie	Mitchell	Currie Canal	Irrig.	9.14	13	21	57	Scotts Bluff	Mar.	23	1892	938	
Kiowa Creek	John H. Kellums	Morrill	Kellums Canal	Irrig.	1.43	11	22	58	Scotts Bluff	Oct.	18	1901		641
Kiowa Creek	John H. Kellums	Morrill	Kellums Canal No. 2	Irrig.	.06	1	22	58	Scotts Bluff	Nov.	29	1907		880
Kopf Reservoir	Walter Kopf	Lexington	Pump	Supp. I.	A-1799	21	12	22	Dawson	Dec.	23	1930		2181
				Stor-only		21	12	22	Dawson	Dec.	23	1930		2181
Lawrence Fork	H. C. Olsen	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	Fred R. Lindberg Estate	Bridgeport	Crigler Canal	Irrig.	.57	1	18	52	Morrill	Sept.	11	1891	861	
Lawrence Fork	Robert P. Nelson	Bridgeport	Spring Branch Canal	Irrig.	1.00	11	18	52	Morrill	Oct.	23	1891	862	
Lawrence Fork	Robert P. Nelson	Bridgeport	Spring Branch Canal	Irrig.	.50	11	18	52	Morrill	May	1	1893	893	
Lawrence Fork	Fred R. Lindberg Estate	Bridgeport	Crigler Canal	Irrig.	1.43	1	18	52	Morrill	Nov.	25	1898		486
Lawrence Fork	James R. Varah	Bridgeport	Niehus Canal	Irrig.	.86	11	18	52	Morrill	Mar.	23	1900		550

Lawrence Fork	Wright and Nelson	Bridgeport	Spring Branch Canal	Irrig.	1.43	11	18	52	Morrill	May	27	1902		669
Lawrence Fork	H. C. Olsen	Harrisburg	Randall Canal	Irrig.	2.40	21	18	52	Morrill	May	15	1911		1100
Lawrence Fork	Wm. O. King	Kearney	King Canal	Irrig.	4.00	15	18	52	Morrill	Dec.	8	1915		1440
Lawrence Fork	Wm. O. King	Kearney	King Canal	Irrig.	1.00	15	18	52	Morrill	July	3	1920		1587
Lawrence Fork	Nelson and Wright	Bridgeport	Crigler Canal	Irrig.	.44	1	18	52	Morrill	Apr.	19	1930		2135
Lawrence Fork	Nelson and Wright	Bridgeport	Hopeful Canal	Irrig.	.99	1	18	52	Morrill	Apr.	19	1930		2135
Lawrence Fork	Robert P. Nelson	Bridgeport	Spring Branch Canal	Irrig.	.58	11	18	52	Morrill	Sept.	30	1935		2560
Lonergan Creek	Herman H. Soehl	Lemoyne	Soehl Canal	Irrig.	2.00	17	15	39	Keith	May	10	1889	697a	
Lonergan Creek	Lee Jacobs Estate	Lemoyne	Lonergan Canal	Irrig.	9.15	17	15	39	Keith	May	25	1889	699	
Lonergan Creek	Herman H. Soehl	Lemoyne	Soehl Canal	Irrig.	.86	17	15	39	Keith	Apr.	27	1893	697b	
Lonergan Creek	Elvina Stansberry	Lemoyne	Haney Canal	Irrig.	1.14	17	15	39	Keith	July	1	1893	719	
Lost Creek	Wm. N. Campbell	Oshkosh	Pump	Irrig.	1.69	11	17	44	Garden	Dec.	23	1929		2118
Lost Creek	Wm. N. Campbell	Oshkosh	Pump	Irrig.	1.08	14	17	44	Garden	Mar.	19	1952		4949
Lost Creek	Anton Mezzano	Oshkosh	Pump	Irrig.		25	17	44	Garden	May	1	1954		6274
Mathews Creek	Benj. G. Mathews Estate	Keystone	Mathews Canal	Irrig.	1.14	28	15	37	Keith	Apr.	1	1895	750	
McDowell Drain	F. C. McDowell	Gothenburg	Pump	Irrig.	.55	7	10	24	Dawson	Dec.	29	1944		3790
Mead Res. No. 1	The Mead Company	Scottsbluff	Pump	Supp. I.	A-698, 699 1133, 1380 1508	2	19	55	Banner	Mar.	28	1951		4980
Mead Res. No. 3	The Mead Company	Scottsbluff	Pump	Supp. I.	A-698, 699 1133, 1380 1508	1	19	55	Banner	Mar.	28	1951		4981
Middle Creek	John L. Miller	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.)	Marie A. Ulrich	Elm Creek	Pump	Irrig.	4.20	1	8	19	Dawson	Feb.	4	1929		2068

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Nealy Springs	Paul H. Covington	Morrill	Covington Pipe Line	Irrig.	.06	11	23	58	Scotts Bluff	Mar.	27	1933		2311
Nealy Springs	Z. C. Prettyman	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)	Oscar Reimers	Grand Island	Pump	O. D.	D-635	30	14	31	Lincoln	May	31	1884		2459
(Lincoln County Drain Dist. 1, Ditch 1)	Rolland Frame	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.	860.39	3	23	58	Scotts Bluff	Sept.	16	1887	918	
North Platte R.	Farmers Irrig. District	Scottsbluff	Ramshorn Canal	Irrig.	8.07	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 and Warner	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)	Clyde E. Morris	Mitchell	Kellum Canal	O. D.	D-918	16	23	56	Scotts Bluff	Sept.	16	1887	P195	
(Farmers Canal Seep)	Ernest Travis	Morrill	Warner Canal	O. D.	D-918	12	23	57	Scotts Bluff	Sept.	16	1887		1769
(Hoth Draw)	Jas. O'Holloren	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)	H. G. Stewart	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*	
North Platte R.	Minatare Mutual Canal and Irrig. Company	Minatare	Minatare Canal	Irrig.	249.43	32	22	54	Scotts Bluff	Jan.	14	1888	919	
(Minatare Drain)	Louise Redding	Minatare	Minatare Drain Lateral	O. D.	D-919	3	21	53	Scotts Bluff	Jan.	14	1888	P245	
(Minatare Drain)	Louise Redding	Minatare	Minatare Drain Lateral	O. D.	D-919	3	21	53	Scotts Bluff	Jan.	14	1888	P265	
(Taylor Drain)	Carl E. Benzel	Alliance	Oberlies Canal	O. D.	D-919	3	21	53	Scotts Bluff	Jan.	14	1888		2502
North Platte R.	Winters Creek Canal Co.	Scottsbluff	Winters Creek Canal	Irrig.	124.29	17	22	55	Scotts Bluff	Oct.	18	1888	952	
(Winters Creek)	Winters Creek Canal Co.	Scottsbluff	Winters Creek Canal	O. D.	D-952	19	22	54	Scotts Bluff	Oct.	18	1888		1446
North Platte R.	Enterprise Irrig. Dist.	Scottsbluff	Enterprise Canal	Irrig.	138.68	27	33	57	Scotts Bluff	Mar.	28	1889	920	
(Akers or Nelson Draw)	Enterprise Irrig. Dist.	Scottsbluff	Nelson Draw Canal	O. D.	D-920	13	23	57	Scotts Bluff	Mar.	28	1889		1290
(Dry Spotted Tail Creek)	Enterprise Irrig. Dist.	Scottsbluff	Dry Spotted Tail Creek Lateral	O. D.	D-920	20	23	56	Scotts Bluff	Mar.	28	1889	P236	
(Toohey Drain)	Leo T. Fanning	Mitchell	Pump	O. D.	D-920	20	23	56	Scotts Bluff	Mar.	28	1889		2418
(Tub Springs)	Enterprise Irrig. Dist.	Scottsbluff	Tub Springs Lateral	O. D.	D-920	33	23	55	Scotts Bluff	Mar.	28	1889	P234	
(Wet Spotted Tail Creek)	Enterprise Irrig. Dist.	Scottsbluff	Wet Spotted Tail Creek Lateral	O. D.	D-920	22	23	56	Scotts Bluff	Mar.	28	1889	P235	
(Winters Creek)	Enterprise Irrig. Dist.	Scottsbluff	Enterprise Lateral	O. D.	D-920	8	22	54	Scotts Bluff	Mar.	28	1889		2409
North Platte R.	Castle Rock Irrig. Dist.	McGrew	Castle Rock Canal	Irrig.	82.57	3	21	54	Scotts Bluff	Apr.	18	1889	921	
North Platte R.	Logan Irrigation Co.	Bridgeport	Logan Canal	Irrig.	5.71	24	20	51	Morrill	Oct.	17	1889	821	
North Platte R.	Bridgeport Irrig. Dist.	Bridgeport	Belmont Canal	Irrig.	270.00	18	20	51	Morrill	Dec.	19	1889	828	
(Atkins Drain)	J. M. Storey	Broadwater	Atkins Canal	O. D.	D-828	15	19	49	Morrill	Dec.	19	1889		1450
(Cedar Creek)	Bridgeport Irrig. Dist.	Bridgeport	Cedar Creek Feeder	O. D.	D-828	23	18	48	Morrill	Dec.	19	1889		1397
North Platte R.	Mitchell Irrig. Dist.	Mitchell	Mitchell Canal	Irrig.	194.29	10	23	60	Wyoming	June	20	1890	1052	
North Platte R.	Central Irrig. Dist.	Gering	Central Canal	Irrig.	36.00	27	22	55	Scotts Bluff	June	23	1890	926	
North Platte R.	J. Wake Sheridan Estate	Paxton	Sheridan-Wilson Canal	Irrig.	10.00	19	14	35	Keith	Oct.	9	1890	710	
North Platte R.	Chimney Rock Irrigation District	Bayard	Chimney Rock Canal	Irrig.	60.00	1	20	53	Scotts Bluff	Dec.	3	1890	844 1031	

O.D. Denotes optional diversion.
*Petition not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
North Platte R.	Empire Canal Company	Bridgeport	Belmont Canal	Irrig.	28.57	18	20	51	Morrill	June	25	1891	858	
(Anderson Seep)	M. G. Clarke	Okmulgee	Gordon Canal	O. D.	D-858	26	20	51	Morrill	June	25	1891		2248
North Platte R.	D. Kah Estate	Minatare	Kah Canal	Irrig.	4.57	11	21	54	Scotts Bluff	Nov.	1	1891	944	
North Platte R.	Browns Creek Irrigation District	Bridgeport	Browns Creek Canal	Irrig.	188.71	29	20	50	Morrill	Jan.	20	1892	857 1033	
North Platte R.	Alliance Irrig. District	Bridgeport	Alliance Canal	Irrig.	100.00	5	20	52	Morrill	Dec.	26	1892	874 1035	
(Bayard Sugar Factory Drain)	Alliance Irrig. District	Bridgeport	Alliance Canal	O. D.	D-874	5	20	52	Morrill	Dec.	26	1892		1776
(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.)	Thos. W. Belden	Bayard	Pump	O. D.	D-925	32	21	51	Morrill	Dec.	6	1893	P262	
North Platte R.	Cody Land and Cattle Co.	North Platte	Cody-Dillon Canal	Irrig.	125.81	9	14	31	Lincoln	Dec.	29	1893	649	
North Platte R.	Mrs. B. E. Scott	North Platte	Pump	Irrig.	1.19	29	14	30	Lincoln	Dec.	29	1893	649R	
North Platte R.	Keith-Lincoln Counties Irrigation District	Sutherland	Keith-Lincoln Canal	Irrig.	186.00	18	14	36	Keith	Feb.	2	1894	722	
North Platte R.	Paxton-Hershey Water Company	Hershey	Paxton-Hershey Canal	Irrig.	125.77	18	14	33	Lincoln	Feb.	12	1894	653	
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 Drain Dist. 1, Ditch 1)	R. V. Evans	Wallace	Pump	O. D.	D-662	26	14	31	Lincoln	May	22	1894		2638

(Lincoln County Drain Dist. 1, Ditch 2)	Suburban Irrig. District	North Platte	Suburban Canal	O. D.	D-662	29	14	31	Lincoln	May	22	1894		2648
(Lincoln County Drain Dist. 1, Ditch 2)	R. V. Evans	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.	C. F. Roberts	Lewellen	Midland-Overland Canal	Irrig.	12.00	2	16	44	Garden	June	9	1894	789	
North Platte R.	Chas. Contryman, 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.	Carrol H. Reece, 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.	Carrol H. Reece, et al.	Oshkosh	Spohn Canal	Irrig.	2.40	13	17	45	Garden	Dec.	22	1894	803R	
North Platte R.	Western Land and Cattle Company	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.	8.27	4	21	54	Scotts Bluff	Oct.	22	1895		186
North Platte R.	Steamboat Irrig. Dist.	Melbeta	Castle Rock Canal	Irrig.	6.73	3	21	54	Scotts Bluff	Oct.	22	1895		186R
North Platte R.	No. River Irrig. and Water Power 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

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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
North Platte R.	Steamboat Irrig. Dist.	Melbeta	Castle Rock Canal	Irrig.	.86	3	21	54	Scotts Bluff	July	22	1896		350
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)	Bertha N. Mitchell	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 AF	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-TriState Canal	Irrig.	230.00	10	26	65	Wyoming	Sept.	19	1904		768
North Platte R.	Gering and Fort Laramie Irrig. 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.	Mary E. Dobson	Monrovia, Cal.	Alliance Canal	Irrig.	3.14	5	20	52	Morrill	Feb.	28	1912		1181
(Red Willow Cr.)	Mary E. Dobson	Monrovia, Cal.	Dobson Canal	O. D.	A-1181	12	20	52	Morrill	Feb.	28	1912		1432
North Platte R.	Myron H. Stone	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.	Harry G. Liebhardt	Denver	Liebhardt Lateral	Irrig.	2.92	6	20	52	Morrill	Mar.	1	1916		1448
North Platte R.	Intermountain Railway Light and Power Co.	Colorado Springs	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
(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.	Anna Glasgow	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.	Mrs. Wm. Miller Cooper	Gering	Fort Laramie Canal	Irrig.	1.46	11	26	65	Wyoming	May	5	1934	2378
North Platte R.	Walter I. Carrier	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.	Vincent E. Ruplinger	Scottsbluff	Pump	Irrig.	.86	17	22	55	Scotts Bluff	May	5	1949	4471
North Platte R.	Herb Steffes	North Platte	Pump	Irrig.	2.03	11	14	32	Lincoln	Sept.	27	1949	4516
North Platte R.	James Calhoun	Hershey	Pump	Irrig.	2.67	12	14	31	Lincoln	Mar.	25	1950	4625
North Platte R.	Elgin L. Woodcox	Lisco	Lisco Canal	Irrig.	1.60	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

R. Denotes relocation.
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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
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North Platte R.	Platte Valley Public Power and Irrig. Dist.	North Platte	Sutherland Reservoir Supply and Outlet Canal	Irrig.	.68	2	14	38	Keith	July	13	1951		4889
North Platte R.	Geo. D. Theobald	Lisco	Lisco Canal	Irrig.	1.40	14	18	47	Morrill	Sept.	15	1953		5572
North Platte R.	Martin Hasenauer	North Platte	Pump	Irrig.	1.26	12	14	31	Lincoln	June	24	1954		6393
North Platte R.	Harry A. Brodbeck	North Platte	Pump	Irrig.		8	14	31	Lincoln	July	15	1954		6426
North Platte R., Springs, Trib. to	Neil M. Gatch	Gering	Gatch Canal	Irrig.	.93	25	21	54	Scotts Bluff	Aug.	21	1912		1220
Otter Creek	Elmer G. Felt, 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	John H. Kellums	Morrill	Sunflower Canal	Irrig.	.79	12	22	58	Scotts Bluff	Sept.	17	1897		411
Owl Creek	John H. Kellums	Morrill	Sunflower Canal	Irrig.	1.14	12	22	58	Scotts Bluff	Oct.	10	1904		770
Owl Creek	John H. Kellums	Morrill	Sunflower Canal No. 2	Irrig.	1.14	12	22	58	Scotts Bluff	Nov.	29	1907		879
Owl Creek	John H. Kellums	Morrill	Sunflower Canal No. 1	Irrig.	.57	12	22	58	Scotts Bluff	Nov.	29	1907		881
Owl Creek	Clarence Kellums	Lyman	Pump	Irrig.		1	22	28	Scotts Bluff	June	18	1954		6369*
Pathfinder Res.	Beerline Canal Co.	Broadwater	Beerline Canal	Supp. I.	D-887	24	19	49	Morrill					768
Pathfinder Res.	Browns Cr. Irrig. Dist.	Bridgeport	Browns Creek Canal	Supp. I.	D-857	29	20	50	Morrill					768
					D-1033	29	20	50	Morrill					768
Pathfinder Res.	Central Irrig. District	Gering	Central Canal	Supp. I.	D-926	27	22	55	Scotts Bluff					768

Pathfinder Res.	Chimney Rk. Irrig. Dist.	Bayard	Chimney Rock Canal	Supp. I.	D-844	1	20	53	Scotts Bluff							768
					D-1031	1	20	53	Scotts Bluff							
Pathfinder Res.	Enterprise Irrig. Dist.	Scottsbluff	Enterprise Canal	Supp. I.	D-920	27	33	57	Scotts Bluff							768
Pathfinder Res.	Farmers Irrig. District	Scottsbluff	Tri-State Canal	Supp. I.	D-918	3	23	58	Scotts Bluff							768
					A-660	3	23	58	Scotts Bluff							768
Pathfinder Res.	French Ditch Company	Lyman	French Canal	Supp. I.	A-1149	9	23	60	Wyoming							768
					A-1433	9	23	60	Wyoming							768
					A-1581	9	23	60	Wyoming							768
Pathfinder Res.	Gering Irrig. District	Gering	Gering Canal	Supp. I.	A-365	4	23	58	Scotts Bluff							768
Pathfinder Res.	Gering and Fort Laramie Irrig. District	Gering	Fort Laramie Canal	Supp. I.	A-768	10	26	65	Wyoming							768
Pathfinder Res.	Mitchell Irrig. Dist.	Mitchell	Mitchell Canal	Supp. I.	D-1052	10	23	60	Wyoming							768
Pathfinder Res.	Northport Irrig. Dist.	Bridgeport	Interstate-TriState Canal	Supp. I.	A-768	10	26	65	Wyoming							768
Pathfinder Res.	Pathfinder Irrig. Dist.	Mitchell	Interstate Canal	Supp. I.	A-768	10	26	65	Wyoming							768
Pawnee Creek	Haythorn Ranch Co.	Maxwell	Holcombe Canal	Irrig.	8.00	18	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	Orley J. Hadley Estate	Brady	Janssen Canal	Irrig.	8.42	29	13	27	Lincoln	Aug.	31	1931				2231
Pawnee Creek	Fulton E. Murphy	Brady	Pump	Irrig.	1.01	33	13	27	Lincoln	June	19	1940				3184
Pawnee Creek	Charlie Bratten	Brady	Pump	Irrig.	.69	3	12	27	Lincoln	June	30	1953				5371
Platte River	Consumers Public Power District	Columbus	Kearney Canal	Irrig.	22.00	4	8	18	Buffalo	Sept.	10	1882	1023			
				Power	140.00	4	8	18	Buffalo	Sept.	10	1882	1023			
(Kearney Tail Race)	Howard Peaker	Kearney	Pump	O. D.	D-1023	11	8	16	Buffalo	Sept.	10	1882				1744
Platte River	Platte Valley Public Power and 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 and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	7.00	18	10	23	Dawson	June	14	1894	621			
(Dawson County Drain Dist. No. 1)	J. E. Murray	Lincoln	Pump	O. D.	D-621	1	9	22	Dawson	June	14	1894	P201			

*Application not approved.
Supp. I. Storage water in addition to direct flow.
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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	1129.80	18	10	23	Dawson	June	26	1894	622	
(Buffalo Creek)	Richard T. Savins	Lexington	Pump	O. D.	D-622	22	10	21	Dawson	June	26	1894		1495
(Buffalo Creek)	Mrs. Ida Doughty	Lexington	Pump	O. D.	D-622	21	10	21	Dawson	June	26	1894		1648
(Buffalo Creek)	Martha Hodgson	Lexington	Pump	O. D.	D-622	33	10	20	Dawson	June	26	1894		1868
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	43.43	18	10	23	Dawson	Sept.	15	1894	624	
(Dawson County Drain Dist. No. 1)	Rosenberg Brothers	Lexington	Pump	O. D.	D-624	14	9	21	Dawson	Sept.	15	1894		2129
Platte River (Strever Creek)	J. G. Sladky	Lexington	Pump	O. D.	D-624	35	9	20	Dawson	Sept.	15	1894		2049
Platte River	Platte Valley Public Power and 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	Chas. Steele	Elm Creek	Cottonwood Canal	Irrig.	5.33	7	8	18	Phelps	Dec.	15	1921		1629
Platte River	Carl E. Faught, et al	Cozad	Orchard-Alfalfa Canal	Irrig.	.80	9	10	24	Dawson	Oct.	20	1925		1784
Platte River	P. L. Johnson	Hastings	Pump	Irrig.	2.56	1	8	13	Buffalo	Feb.	13	1926		1796
Platte River	Fred Hagge, 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	Otto J. Gruber	Cozad	Orchard-Alfalfa Canal	Irrig.	.75	9	10	24	Dawson	Nov.	2	1926		1870
Platte River	Matts Frost	Overton	Frost Canal	Irrig.	1.43	16	9	20	Dawson	Sept.	3	1927		1957
Platte River	Wm. and Jas. Priel	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	Louis F. Schulz	North Platte	Pump	Irrig.	2.10	20	12	27	Lincoln	Oct.	1	1928		2038
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	91.11	18	10	23	Dawson	Oct.	3	1928		2039
(Strever Creek)	Wm. G. Wengler	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 and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	2.03	18	10	23	Dawson	Aug.	3	1929		2093
Platte River	Harold Moles	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 and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	**282.62	18	10	23	Dawson	Oct.	25	1929		2110
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	14.21	18	10	23	Dawson	June	14	1930		2145
(Dawson County Drain Dist. No. 1)	Sheldon and Faught	Lexington	Pump	O. D.	A-2145	11	9	21	Dawson	June	14	1930		P197
Platte River	W. J. Eavey	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	Floyd Tyler	Grand Island	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*

O.D. Denotes optional diversion.
R. Denotes relocation.
**Part of appropriation cancelled.
*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
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										
Platte River	Nebraska Mid-State Reclamation District	Grand Island	Odessa Plant	Power		31	9	20	Dawson	Sept.	11	1943		3648*
						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		3651*
Platte River	Platte Valley Public Power and 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*
						2	8	21	Dawson	May	11	1944		3725*
Platte River	North Gothenburg Public Power and Irrig. Dist.	Gothenburg	North Gothenburg Canal	Irrig.		24	13	29	Lincoln	Jan.	22	1945		3797*
Platte River	North Gothenburg Public Power and Irrig. Dist.	Gothenburg	Roten Reservoir	Storage		24	13	29	Lincoln	Jan.	22	1945		3798*
Platte River	Wesley D. Van Vleet	Kearney	Pump	Irrig.	.18	10	8	16	Buffalo	Feb.	11	1947		4033
Platte River	Wesley D. Van Vleet	Kearney	Pump No. 2	Irrig.	.35	10	8	16	Buffalo	Apr.	2	1949		4461
Platte River	The Central Nebraska Public P. and I. Dist.	Hastings	Tri-County Canal	Power	700.00	8	13	29	Lincoln	May	11	1950		4674
				Supp. P.	A-2354									
Platte River	C. G. Wallace	Hastings	Supply Canal and Phelps County Canal	Irrig.		8	13	29	Lincoln	Dec.	13	1950		4776*
Platte River	Fulton E. Murphy	Brady	Pump	Irrig.	1.00	5	12	27	Lincoln	Mar.	9	1951		4816

Platte River	Robert H. Perry, et al	Holdrege	Supply Canal—Phelps County Canal and Lateral E. 65	Irrig.		8	13	29	Lincoln	June	11	1951	4870*
Platte River	Nebraska Mid-State Reclamation District	Grand Island	Elm Creek Section of Reservoirs	Storage		36	9	21	Dawson	Nov.	7	1952	5066*
Platte River	Nebraska Mid-State Reclamation District	Grand Island	Wood River Plant No. 2 Wood River Plant No. 3	Power		36	9	21	Dawson	Dec.	10	1952	5108*
Platte River	M. F. Brestel	Brady	Pump	Irrig.	1.71	30	12	26	Lincoln	June	23	1953	5362
Platte River	Clair L. Bell	Lexington	Pump	Irrig.	1.09	34	9	21	Dawson	Oct.	9	1953	5635
Platte River	R. L. Cochran	Washington	Pump	Irrig.	.18	21	12	27	Lincoln	Feb.	26	1954	5995
Platte River	Harry B. Stackhouse	Brady	Pump	Irrig.		3	12	28	Lincoln	July	23	1954	6486
Platte River (North Channel)	Richard A. Christensen	Maxwell	Pump	Irrig.	2.71	27	13	28	Lincoln	Jan.	13	1954	5867
Platte River (South Channel)	Miller and Son	Maxwell	Pump	Irrig.		32	13	28	Lincoln	Aug.	17	1954	6627*
Platte River, Trib. to	Ed N. Pearson	Holdrege	Pump	Irrig.		11	7	18	Phelps	Dec.	24	1953	5817
Platte River, Ravine, Trib. to	Henry M. Harvey	Gothenburg	Harvey Reservoir	Storage	†35 AF	28	9	17	Buffalo	Sept.	28	1937	2791
Platte River, Ravine, Trib to	Glenn A. Johnson	Holdrege	Johnson Reservoir	Storage	†10 AF	28	6	19	Phelps	Sept.	1	1944	3760
Platte River, Ravine, Trib. to	Orville L. Walter	Kearney	Walter Reservoir	Storage	†57 AF	27	9	17	Buffalo	Nov.	13	1944	3784
Platte River, Ravine, Trib to	Noel Cover	Cozad	Cover Reservoir	Storage	†160 AF	11	12	24	Dawson	Jan.	23	1945	3799
Platte River, Ravine, Trib. to	M. J. Lauby	Lexington	Lauby Reservoir	Storage	†82 AF	18	9	22	Dawson	Feb.	8	1946	3873
Plum Creek	Agnes E. Delatour	Ft. Collins, Colo.	Plum Creek Reservoir	Irrig.	.74	23	16	42	Garden	Jan.	12	1914	1344
Plum Creek	Agnes E. Delatour	Ft. Collins	Plum Creek Reservoir	Irrig.	.40	14	16	42	Garden	Jan.	12	1914	1344R

*Application not approved.
Supp. I. Storage water in addition to direct flow.
†Reservoir capacity alleged by applicant.
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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Plum Creek	Gilbert Nelson	Smithfield	Pump	Irrig.	.33	5	7	21	Gosper	Mar.	14	1935		2527
Plum Creek	Willis N. Brainard	Lincoln	Pump	Irrig.	.59	20	8	22	Gosper	Dec.	8	1952		5104
Prairie Creek	Mrs. Glen D. MacQueen	Greeley, Colo.	Pump	Irrig.	7.89	29	16	8	Merrick	Sept.	8	1931		2235
Prairie Creek	Henry Santin	Clarks	Pump	Irrig.	.86	24	15	6	Merrick	Sept.	5	1939		2958
Prairie Creek	David P. Shotkoski, et al	Silver Creek	Pump	Irrig.	.53	25	16	5	Nance	Sept.	1	1941		3380
Prairie Creek	Joe Tarnick	Fullerton	Pump	Irrig.	.50	34	16	5	Nance	Apr.	17	1948		4245
Prairie Creek	H. R. Lippincott	Shelton	Pump	Irrig.	2.19	26	15	6	Merrick	July	16	1948		4307
Prairie Creek	Adam Boryca	Fullerton	Pump	Irrig.	.47	26	16	5	Nance	Sept.	13	1948		4341
Prairie Creek	Wm. Pieczonka	Fullerton	Pump	Irrig.	.20	30	16	4	Nance	Mar.	28	1949		4458
Prairie Creek	Carl H. Brandes	Central City	Pump	Irrig.	.47	31	15	6	Merrick	June	14	1950		4703
Prairie Creek	Frank Konwinski	Silver Creek	Pump	Irrig.	.64	27	16	4	Nance	Nov.	15	1950		4767
Prairie Creek	Troy Van Winkle	Silver Creek	Pump	Irrig.	.37	28	16	3	Merrick	Dec.	13	1950		4777
Prairie Creek	Bernard L. McHargue	Central City	Pump	Irrig.	.70	18	15	5	Merrick	Apr.	30	1951		4854
Pumpkinseed Cr.	Wm. J. Kelley	Harrisburg	Kelley Canal	Irrig.	1.43	5	19	54	Banner	May	10	1886	915	
Pumpkinseed Cr.	Henry N. Zingg	Platte Center	Heard Canals Nos. 1-2	Irrig.	1.29	14	19	54	Banner	June	1	1887	916	
Pumpkinseed Cr.	Iler Olsen, 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 1028	
Pumpkinseed Cr.	Eiler S. and Halver G. Nielsen	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.	Henry Hass, et al	Bridgeport	Meredith-Ammer Canal	Irrig.	14.00	23	19	50	Morrill	Feb.	20	1893	876	
Pumpkinseed Cr.	Perl Hutchinson, et al	Bridgeport	Last Chance Canal	Irrig.	6.32	27	19	50	Morrill	Apr.	12	1894	883	
Pumpkinseed Cr.	Mrs. Gracie McCord	San Bernardino, Cal.	Round House Rock Canal	Irrig.	2.77	28	19	51	Morrill	May	29	1894	884	

Pumpkinseed Cr.	Rose Nunn	Bridgeport	Nunn Canal	Irrig.	.23	27	19	51	Morrill	May	29	1894	884R	
Pumpkinseed Cr.	Eiler S. and Halver G. Nielsen	Bridgeport	Smith-Wheeler North Canal	Irrig.	.71	26	19	51	Morrill	June	1	1896	842b	
Pumpkinseed Cr.	Mrs. Millard Cluck	Scottsbluff	Peter Canal	Irrig.	2.57	2	19	56	Banner	July	1	1902	913	
Pumpkinseed Cr.	John H. Mead, et al	Scottsbluff	Pumps	Irrig.	5.52	1	19	55	Banner	Jan.	24	1903		698
						6	19	54	Banner	Jan.	24	1903		698
Pumpkinseed Cr.	John H. Mead, et al	Scottsbluff	Pumps	Irrig.	3.22	1	19	55	Banner	Jan.	24	1903		699
						5	19	54	Banner	Jan.	24	1903		699
						6	19	54	Banner	Jan.	24	1903		699
Pumpkinseed Cr.	Gifford and Olsen	Gering	Scott Reservoir	Stor. and Irrig.	1.31	7	19	55	Banner	June	24	1903		711
Pumpkinseed Cr.	Floyd Seybolt	Lincoln	Court House Rock Canal	Irrig.	.43	30	19	50	Morrill	Feb.	28	1907		851
Pumpkinseed Cr.	John H. Mead, et al	Scottsbluff	Pumps	Irrig.	1.48	1	19	55	Banner	Oct.	26	1911		1133
						5	19	54	Banner	Oct.	26	1911		1133
						6	19	54	Banner	Oct.	26	1911		1133
Pumpkinseed Cr.	John H. Mead, et al	Scottsbluff	Pumps	Irrig.	.51	5	19	54	Banner	Sept.	4	1914		1380
Pumpkinseed Cr.	John H. Mead, et al	Scottsbluff	Pumps	Irrig.	4.41	1	19	55	Banner	Mar.	15	1918		1508
						5	19	54	Banner	Mar.	15	1918		1508
						6	19	54	Banner	Mar.	15	1918		1508
Pumpkinseed Cr.	T. E. Quinn	Bridgeport	Quinn Canal	Irrig.	.23	20	19	51	Morrill	Oct.	15	1919		1561
Pumpkinseed Cr.	Sigsby S. Sears	Omaha	Pump	Irrig.	1.68	25	19	53	Banner	Dec.	20	1929		2117
Pumpkinseed Cr.	Leonard Reuter	Bridgeport	Court House Rock Canal	Irrig.	.08	30	19	50	Morrill	Apr.	11	1933		2315
Pumpkinseed Cr.	Bern R. Coulter	Bridgeport	Trails End Canal	Irrig.	2.37	29	19	52	Morrill	June	17	1941		3453
Pumpkinseed Cr.	Henry B. Miller	Harrisburg	Schnell Canal	Irrig.	.76	1	19	56	Banner	Oct.	27	1942		3588
Pumpkinseed Cr.	Mrs. Bert Rodgers	Lincoln	Rodgers Canal	Irrig.	1.80	9	19	54	Banner	Oct.	23	1944		3777
Pumpkinseed Cr.	George Ehrman Estate	Gering	Pump	Irrig.	.82	18	19	53	Banner	Nov.	6	1945		3859
Pumpkinseed Cr.	Mrs. Bert Rodgers	Lincoln	Rodgers Canal	Irrig.	.26	9	19	54	Banner	Jan.	8	1946		3863
Pumpkinseed Cr.	Mrs. Bert Rodgers	Lincoln	Wright Canal	Irrig.	1.41	5	19	54	Banner	Jan.	8	1946		3864
Pumpkinseed Cr.	Samuel W. Eckert	Bridgeport	Eckert Canal	Irrig.	.27	19	19	51	Morrill	June	8	1948		4281
Pumpkinseed Cr.	Mrs. Bert Rodgers	Lincoln	Pumps	Irrig.	9.76	9	19	54	Banner	Mar.	10	1949		4448
						10	19	54	Banner	Mar.	10	1949		4448

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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Pumpkinseed Cr.	Harold Laux	Bridgeport	Pump	Irrig.	.20	29	19	50	Morrill	June	3	1950		4689
Pumpkinseed Cr.	Lloyd E. Eckert	Bridgeport	Mutual Canal	Irrig.	1.41	33	19	52	Morrill	Aug.	14	1950		4738
Pumpkinseed Cr.	Bern R. Coulter	Bridgeport	North Trails End Canal	Irrig.	2.21	29	19	52	Morrill	Sept.	25	1950		4749
Pumpkinseed Cr.	Bern R. Coulter	Bridgeport	Dickey Brown Canal	Irrig.	2.56	29	19	52	Morrill	Sept.	25	1950		4750
Pumpkinseed Cr.	Samuel W. Eckert	Bridgeport	Eckert Canal	Irrig.	.27	19	19	51	Morrill	Oct.	2	1950		4751
Pumpkinseed Cr.	The Mead Company	Scottsbluff	Airdale Reservoir No. 1	Storage	†80 AF	2	19	55	Banner	Mar.	28	1951		4831
Pumpkinseed Cr.	The Mead Company	Scottsbluff	Airdale Reservoir No. 3	Storage	†31 AF	1	19	55	Banner	Mar.	28	1951		4832
Pumpkinseed Cr., Ravine, Trib. to	D. V. Brown Estate	McGrew	Brown Reservoir	Storage	†30 AF	16	19	53	Banner	Nov.	8	1950		4763
Pumpkinseed Cr., Ravine, Trib. to	Ed Brauer	Bushnell	Brauer Reservoir	Storage	†99 AF	26	18	57	Banner	Jan.	22	1954		5889
Red Willow Creek (See No. Platte River)	Mary E. Dobson	Monrovia, Cal.	Dobson Canal	Irrig.	2.00	12	20	52	Morrill	Sept.	10	1915		1432
Red Willow Creek	Mary E. Dobson	Monrovia, Cal.	Dobson Canal	Irrig.	.57	12	20	52	Morrill	Nov.	3	1915		1436
Rowe Drain Ditch	Fred Olnhausen	Cozad	Pump	Irrig.		32	10	23	Dawson	May	10	1946		3905*
Sand Creek	W. H. Dudley	Lemoyne	Patrick Canal	Irrig.	2.43	10	15	40	Keith	May	31	1891	725	
Sand Creek	Peter Nissen	Lemoyne	Nissen Canal	Irrig.	3.07	10	15	40	Keith	Mar.	18	1901		606
Schuetz Springs	Margaret Schuetz	Dalton	Schuetz Canal	Irrig.	.21	28	18	50	Morrill	May	10	1892	881	
Schuppe Cr., E.	Carl Schuppe	Henry	Schuppe Canal No. 2	Irrig.	.02	3	23	58	Scotts Bluff	June	17	1946		3918
Schuppe Cr., W.	Carl Schuppe	Henry	Schuppe Canal No. 1	Irrig.	.01	3	23	58	Scotts Bluff	June	17	1946		3917

Scott Reservoir	Harold Gifford	Gering	Scott Canal	Supp. I.	A-711	7	19	55	Banner	June	24	1903			711
Sheep Creek	Charles A. Nash	Morrill	Little Moon Canal	Irrig.	1.00	10	24	58	Sioux	Mar.	23	1904			745
Sheep Creek	Pitt Covert	Cheyenne	Nebraska Res. 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	H. B. Cunningham	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	M. C. James Estate	Columbus	Pump	Irrig.	.15	12	15	4	Merrick	June	17	1947			4083
Skunk Creek	H. H. Knight	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			968
Slough, Big	Dale E. Lemmon	Cozad	Pump	Irrig.	.80	33	11	24	Dawson	Feb.	18	1954			5972
Slough, Warm	Abram M. Johnson Est.	Gibbon	Pump	Irrig.	.50	30	9	13	Buffalo	Feb.	20	1923			1707
Slough, Warm	Maurice E. Peterson	Blencoe, Iowa	Pump	Irrig.	.46	3	13	6	Merrick	Mar.	7	1952			4946
Slough, Warm	L. A. Nystrom	Central City	Pump	Irrig.		21	13	7	Merrick	Feb.	26	1953			5190*
Snake Creek	John B. Cook	Scottsbluff	Oasis Canal	Irrig.	54.86	6	24	51	Box Butte	June	6	1894	567		
Snake Creek	John B. Cook	Scottsbluff	Kilpatrick Reservoir	Storage	†2300 AF	1	24	52	Box Butte	June	7	1911			1104
South Platte R.	Joe Paloucek, et al	Ogallala	Hollingsworth Canal	Irrig.	4.70	12	13	39	Keith	June	5	1894	723		
South Platte R.	Wm. J. Reck	Big Springs	Miller-Warren Canal	Irrig.	.57	7	12	42	Deuel	Jan.	5	1895	805		
South Platte R.	Henry Meyer 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.	176.10	14	12	43	Keith	June	14	1897			393
South Platte R.	Orvill Beal	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.	M. F. Junge	Big Springs	Junge Canal	Irrig.	1.07	31	13	41	Deuel	Sept.	11	1926			1857

†Reservoir capacity alleged by applicant.
*Application not approved.
Supp. I. 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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
South Platte R.	Paxton Irrig. District	Paxton	Paxton Canal	Irrig.	70.19	1	13	38	Keith	Nov.	22	1926		1874
South Platte R.	C. L. Contryman	Ogallala	Hollingsworth Canal	Irrig.		12	13	39	Keith	Mar.	16	1938		2848*
South Platte R.	Platte Valley Public Power and Irrig. Dist.	North Platte	North Platte Plant	Power	500.00	8	13	36	Keith	Mar.	29	1943		3601
South Platte R.	Oscar J. Peterson	Ogallala	Hollingsworth Canal	Irrig.		7	13	38	Keith	Mar.	17	1944		3700*
South Platte R.	Claude J. Fritz	North Platte	Pump	Irrig.	.85	10	13	30	Lincoln	Aug.	20	1949		4503
South Platte R.	Western Irrig. District	Big Springs	Western Canal	Irrig.	7.11	14	12	43	Deuel	Aug.	15	1950		4739
South Platte R.	Hubert Beal	Brule	Pump	Irrig.	4.22	29	13	41	Keith	Sept.	15	1952		5029
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	Harry G. Shepard	Mitchell	Stewart-Brown Canal	Irrig.	1.59	26	24	56	Scotts Bluff	Mar.	2	1904		743
Spotted Tail, Wet.	Harry G. Shepard	Mitchell	Stewart-Brown Canal	Irrig.	2.28	26	24	56	Scotts Bluff	Mar.	17	1911		1072
Spotted Tail, Wet.	Thos. H. Young	Mitchell	Spring Creek Reservoir	Ice	†20 AF	27	23	56	Scotts Bluff	Feb.	6	1922		1642
Spring Branch	Brogan Bros.	Keystone	Brogan Canal	Irrig.	.57	35	15	37	Keith	Sept.	24	1897		410
Spring Branch	Wm. E. Barden	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	Johnson H. Graves Est.	Scottsbluff	Gilchrist Canal	Irrig.	.14	22	22	55	Scotts Bluff	July	29	1913		1310
Spring Cr., Little	E. McClenahan	Scottsbluff	Shramek Canal	Irrig.	.57	22	22	55	Scotts Bluff	July	30	1917		1492
Spring Cr., Little	D. H. Martin	Scottsbluff	Shramek Canal	Irrig.	.14	22	22	55	Scotts Bluff	June	3	1918		1515

‡Spring Cr., Little	Keystone Irrigation Co.	Keystone	Little Spring Canal	Irrig.	.57	29	15	37	Keith	Apr.	1	1902	659
Spring Cr., Little	Ardis Hawkins	Keystone	Hawkins Canal	Irrig.	1.31	29	15	37	Keith	Apr.	8	1939	2914
Strever Creek	Nelly M. Jensen	Cozad	Jensen Canal	Irrig.	.56	23	11	23	Dawson	July	27	1925	1772
Strever Creek	Ida M. Anders	Cozad	Anders Canal	Irrig.	1.10	23	22	23	Dawson	July	27	1925	1773
Strever Creek	Roy Maack	Cozad	Pump	Irrig.	1.00	30	12	23	Dawson	Apr.	11	1927	1924
Strever Creek	Mat Siebenaler	Overton	Pump	Irrig.	2.31	6	8	19	Dawson	Nov.	22	1927	1969
Strever Creek	Mrs. Harry T. Beatty	Overton	Beatty Canal	Irrig.	1.13	18	9	20	Dawson	June	3	1929	2083
(Dawson County Drain Dist. No. 1)	Mrs. Harry T. Beatty	Overton	Pump	O. D.	A-2083	18	9	20	Dawson	June	3	1929	2777*
Strever Creek	P. R. Peterson	Lexington	Pump	Irrig.	1.11	18	9	20	Dawson	Aug.	8	1929	2094
Strever Creek	Robert G. Carpenter	Overton	Bend Canal	Irrig.	1.63	36	9	20	Dawson	Aug.	26	1929	2099
Strever Creek	Elsie Jurgenson and J. G. Sladky	Overton Lexington	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	Tom Cooney Estate	Overton	Pump	Irrig.	.80	34	9	20	Dawson	Oct.	24	1946	3988
Strever Creek	Howard E. Benjamin	Cozad	Pump	Irrig.	.07	15	11	23	Dawson	Dec.	28	1950	4784
Strever Creek	Richard H. Jensen	Cozad	Pump	Irrig.	.36	23	11	23	Dawson	Feb.	4	1953	5145
Strever Creek	Geo. A. Sanderman	Lexington	Pump	Irrig.		10	10	22	Dawson	July	30	1954	6520*
Strever Creek	Geo. A. Sanderman	Lexington	Pump	Irrig.		10	10	22	Dawson	July	30	1954	6521*
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Sutherland Canal	Supp. P.	54,000 AF	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

*Application not approved.
†Reservoir capacity alleged by applicant.
‡Spring Creek in Keith County and Spring Creek in Lincoln County are different streams.
‡Little Spring Creek in Scotts Bluff County and Little Spring Creek in Keith County are separate streams.
O.D. Denotes optional diversion.
Supp. P. Storage water in addition to direct flow.
Supp. I. Storage water in addition to direct flow.
Stor-only. Land entitled to storage water only.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
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
				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
				Stor-only		18	10	23	Dawson	Mar.	31	1937		2726
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Elm Creek Canal	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
				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
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Gothenburg Canal	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.	D-1023	3	8	18	Buffalo	Mar.	31	1937		2726
				Stor-only		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
				Supp. I.	A-1870	30	12	26	Lincoln	Mar.	31	1937		2726

Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Gothenburg Canal	Supp. I.	A-3716	19	12	26	Dawson	Mar.	31	1937		3717
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Sutherland Outlet Canal	Supp. I.	A-4889	16	13	33	Lincoln	Sept.	14	1951		4908
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Sutherland Outlet Canal	Stor-only		16	13	33	Lincoln	Mar.	4	1954		6030
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*
Turkey Creek	F. C. Oertwig	Kearney	Pump	Irrig.	.94	7	8	15	Buffalo	Apr.	11	1953		5252
Turkey Creek	Frank L. Robinson	Kearney	Pump	Irrig.	1.84	8	8	16	Buffalo	June	29	1953		5368
White Horse Cr.	James C. Peterson	North Platte	Bratt Canal	Irrig.	3.56	8	14	30	Lincoln	Aug.	25	1913		1316
White Horse Cr.	Scott McCrone	North Platte	Pump	Irrig.	1.71	5	14	30	Lincoln	Mar.	10	1930		2127
White Horse Cr.	Martin Hasenauer	North Platte	Pump	Irrig.	.41	12	14	31	Lincoln	Feb.	15	1954		5956
White Horse Cr.	Martin Hasenauer	North Platte	Pump	Irrig.	.16	12	14	31	Lincoln	June	24	1954		6394
White Horse Cr., Trib. to	Arthur P. Forest	North Platte	Pump	Irrig.	.80	21	14	30	Lincoln	June	14	1950		4701
White Tail Creek	The McGinley Land and Cattle Company	Ogallala	McCarthy Canal	Irrig.	1.00	36	15	38	Keith	July	15	1890	749	
White Tail Creek	The McGinley Land and Cattle Company	Ogallala	Halloway-Phelps Canal	Irrig.	3.86	36	15	38	Keith	June	1	1893	717	
White Tail Creek	Keystone Irrigation Co.	Keystone	Keystone Canal	Irrig.	8.00	26	15	38	Keith	Oct.	30	1894	730	
White Tail Creek	Chas. O. Martin	Keystone	Reed Canal	Irrig.	.57	15	15	38	Keith	May	15	1895	751	
White Tail Creek	Keystone Irrigation Co.	Keystone	Keystone Canal	Irrig.	39.00	26	15	38	Keith	Apr.	26	1902		662b
(Paxton Creek)	S. C. Coyner	Keystone	Coyner Canal	O. D.	A-662b	31	15	37	Keith	Apr.	26	1902		P185
White Tail Creek	Keystone Irrigation Co.	Keystone	Keystone Canal	Irrig.	4.30	26	15	38	Keith	Nov.	30	1906		843
White Tail Creek	Keystone Irrigation Co.	Keystone	Keystone Canal	Irrig.	7.41	26	15	38	Keith	May	27	1910		1003

Supp. I. Storage water in addition to direct flow.
Stor-only. Land entitled to storage water only.
*Application not approved.
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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
White Tail Creek	Jeppe Jeppesen	Keystone	Pump	Irrig.	.21	23	15	38	Keith	Apr.	7	1948		4241
White Tail Creek	Joe Wujek	Keystone	Pump	Irrig.	1.80	26	15	38	Keith	Feb.	12	1953		5160
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	Jan.	21	1902		651
Willow Creek	Dick Cross	Harrisburg	Cross Canal	Irrig.	1.70	16	19	56	Banner	May	8	1926		1808
Willow Creek	Margaret Stafford	Paxton	Stafford Canal	Irrig.	.80	15	14	35	Keith	Nov.	20	1929		2114
Willow Creek	M. J. McFadden	Paxton	McFadden Canal	Irrig.	.80	14	14	35	Keith	May	26	1930		2142
Willow Creek	W. F. Knight, et al	Sarben	Willow Creek Canal	Irrig.	.93	15	14	35	Keith	Oct.	13	1934		2488
Winters Creek	Chas. A. Bouton	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	John B. Cook	Scottsbluff	Cook Power Plant	Power		4	22	54	Scotts Bluff	Apr.	12	1945		3826*
Wood River	J. N. Ashburn	Gibbon	Ashburn Canal	Power	40.00	13	9	14	Buffalo	Nov.	1	1873	993	
Wood River	Guy S. Bearss	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	C. A. Jacobson	Riverdale	Jacobson Canal	Irrig.	.50	31	10	16	Buffalo	Nov.	10	1910		1038
Wood River	Cora Kimbrough	Shelton	Kimbrough Canal	Irrig.	4.00	36	10	13	Buffalo	Sept.	21	1912		1227
Wood River	C. A. Jacobson	Riverdale	Jacobson Reservoir	Storage	†3000 AF	31	10	16	Buffalo	Feb.	3	1920		1576
Wood River	James Haug Estate	Shelton	Pump	Irrig.	.64	9	9	13	Buffalo	Sept.	7	1920		1590
Wood River	Christianna Peterson	Shelton	Pump	Irrig.	1.07	10	9	13	Buffalo	July	11	1921		1611
Wood River	M. D. Nutter	Shelton	Pump	Irrig.	2.28	8	9	13	Buffalo	Aug.	29	1921		1616

Wood River	J. H. Rodgers 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	James Haug Estate	Shelton	Pump No. 2	Irrig.	.92	9	9	13	Buffalo	Feb.	28	1922	1644
Wood River	Thos. C. Travis	Kearney	Hallen Reservoir	Storage	†1 AF	5	9	16	Buffalo	Apr.	4	1922	1654
Wood River	Thos. C. Travis	Kearney	Hallen Canal	Irrig.	.27	5	9	16	Buffalo	Apr.	17	1922	1656
Wood River	Rudolph Durtschi	Wood River	Pump	Irrig.	1.37	18	10	11	Hall	May	22	1922	1668
Wood River	Mrs. Lloyd M. Howe	Wood River	Pump	Irrig.	.54	17	10	11	Hall	July	14	1922	1679
Wood River	C. C. Wilson	Omaha	Pump	Irrig.	1.21	14	9	15	Buffalo	Nov.	15	1922	1693
Wood River	Evan F. Smith	Shelton	Pump	Irrig.	1.04	1	9	13	Buffalo	Jan.	12	1923	1702
Wood River	W. M. Ross	Gibbon	Pump	Irrig.	.26	13	9	14	Buffalo	Apr.	28	1924	1743
Wood River	Selmar Slater	Riverdale	Pump	Irrig.	1.76	36	10	17	Buffalo	Dec.	2	1924	1753
Wood River	Frank Richardson	Gibbon	Pump	Irrig.	.49	13	9	14	Buffalo	Sept.	8	1925	1780
Wood River	Eva C. Wilcox	Gibbon	Pump	Irrig.	.90	8	9	13	Buffalo	Jan.	22	1926	1793
Wood River	John N. Nutter Estate	Gibbon	Pump	Irrig.	.70	8	9	13	Buffalo	Feb.	10	1926	1794
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	Thos. Langan	Wood River	Pumps	Irrig.	1.14	19	10	11	Hall	Mar.	19	1926	1800
Wood River	Sadie I. McConnell, et al	Gibbon	Pump	Irrig.	3.43	7	9	13	Buffalo	Apr.	21	1926	1805
Wood River	Howard R. Mercer	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	Carl E. Carlson	Shelton	Pump	Irrig.	1.10	35	10	13	Buffalo	July	19	1926	1830
Wood River	Mrs. O. O. Hayman	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	Jacob Shnoor Estate	Amherst	Pump	Irrig.	.80	16	10	17	Buffalo	Oct.	18	1926	1867
Wood River	Henry E. Oliver, Jr.	Shelton	Pump	Irrig.	.86	9	9	13	Buffalo	Feb.	29	1928	1987
Wood River	Emil Nickel	Kearney	Pump	Irrig.	1.95	12	9	16	Buffalo	July	16	1930	2148
Wood River	Carl H. Abels	Amherst	Pump	Irrig.	1.23	6	10	17	Buffalo	Jan.	10	1931	2186
Wood River	Kate D. Nye	Kearney	Pump	Irrig.	.28	10	9	16	Buffalo	Sept.	11	1937	2785

*Application not approved.
†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Wood River	S. Cary Thornton	Kearney	Pump	Irrig.	.42	9	9	15	Buffalo	Apr.	17	1939		2915
Wood River	Carl Czenkusch	Amherst	Pump	Irrig.	.15	25	11	18	Buffalo	May	22	1939		2924
Wood River	Grace L. Conklin	Lincoln	Pumps	Irrig.	2.09	4	11	8	Merrick	Apr.	29	1940		3145
						5	11	8	Merrick	Apr.	29	1940		3145
Wood River	Howard E. Belschner	Amherst	Pump	Irrig.	.12	16	10	17	Buffalo	July	24	1940		3212
Wood River	W. F. Huffstutter	Kearney	Pump	Irrig.	.78	9	9	15	Buffalo	Sept.	17	1940		3267
Wood River	Earl H. Sharp	Broken Bow	Pump	Irrig.	.83	12	9	16	Buffalo	Sept.	30	1940		3278
Wood River	Robert W. Peterson	Riverdale	Pump	Irrig.	.26	31	10	16	Buffalo	Oct.	14	1940		3294
Wood River	Grace L. Conklin	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	Ray A. Snyder	Scottsbluff	Pump	Irrig.	.39	10	9	15	Buffalo	Apr.	4	1944		3709
Wood River	Carl Weber	Kearney	Pump	Irrig.	1.56	11	9	16	Buffalo	Oct.	15	1945		3856
Wood River	Lawrence Richter	Kearney	Pump	Irrig.	.74	13	9	16	Buffalo	Apr.	1	1946		3886
Wood River	Thomas C. Travis, Jr.	Kearney	Pump	Irrig.	1.05	5	9	16	Buffalo	May	27	1946		3911
Wood River	Ernest E. Adelung	Amherst	Pump	Irrig.	.64	21	10	17	Buffalo	May	15	1948		4266
Wood River	Richard J. Cook	Amherst	Pump	Irrig.	.72	26	10	17	Buffalo	Aug.	6	1948		4320
Wood River	Alvie C. Ludwig	Amherst	Pump	Irrig.	.57	21	10	17	Buffalo	Dec.	12	1949		4548
Wood River	John A. Markus	Kearney	Pump	Irrig.	1.13	7	9	15	Buffalo	Aug.	15	1951		4900
Wood River	William F. Markus	Kearney	Pump	Irrig.	.69	7	9	15	Buffalo	Aug.	16	1951		4901
Wood River	Ludwig and Ludwig	Amherst	Pump	Irrig.	.37	21	10	17	Buffalo	Apr.	7	1952		4962
Wood River	Lester F. Warren	Kearney	Pump	Irrig.	.78	35	10	17	Buffalo	July	18	1952		4993
Wood River	Kate D. Nye, et al	Kearney	Pump	Irrig.	.64	10	9	16	Buffalo	July	26	1952		4999
Wood River	A. J. Maul	Amherst	Pump	Irrig.	.51	17	10	17	Buffalo	Aug.	26	1953		5507
Wood River	Albert Fortik	Kearney	Pump	Irrig.		14	9	16	Buffalo	July	14	1954		6423
Wood River	Floyd Randall	Gibbon	Pump	Irrig.		15	9	14	Buffalo	Aug.	10	1954		6580*

Wood River, Ravine, Trib. to	Otis Randall	Gibbon	Randall Reservoir	Storage	†44 AF	6	9	14	Buffalo	July	29	1944		3746
Wood River, Ravine, Trib. to	Staubitz and Holmes	Kearney	Staubitz and Holmes Reservoir	Storage	†126 AF	23	9	16	Buffalo	June	20	1950		4704
Wood River, Ravine, Trib. to	Carl Rhoadarmer	Gibbon	Rhoadarmer Reservoir	Storage	†79 AF	25	10	14	Buffalo	Feb.	3	1953		5143

*Application not approved.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Askey Lake	Walter P. Pleas Estate	Oxford	Pump	Irrig.	2.31	5	3	21	Furnas	Jan.	4	1930		2120
Beaver Creek	Marion C. Springer	Lebanon	Pump	Irrig.	1.43	17	1	26	Red Willow	Aug.	8	1930		2156
Beaver Creek	G. W. Fletcher	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*
			North Beaver Canal	Irrig.		23	2	23	Furnas	Dec.	14	1936		2671a*
Beaver Creek (See Sappa Cr.)	Beaver-Sappa Public P. and I. District	Stamford	Beaver Reservoir	Storage		23	2	23	Furnas	Dec.	14	1936		2672a*
Beaver Creek	Bryan J. Gallatin and John E. Gallatin	Lincoln McCook	Pump	Irrig.	.88	24	1	28	Red Willow	Oct.	8	1937		2796
Beaver Creek	B. J. Gallatin	Lincoln	Pump	Irrig.	.71	24	1	28	Red Willow	Apr.	1	1938		2857
Beaver Creek	James E. Morris	Lebanon	Pump	Irrig.	.64	11	1	26	Red Willow	May	10	1939		2920
Beaver Creek	James C. Van Matre	Beaver City	Pump	Irrig.	.96	13	2	23	Furnas	Jan.	10	1941		3366
Beaver Creek	Amy C. Downing	Omaha	Pump	Irrig.	.43	16	2	22	Furnas	Jan.	21	1941		3373
Beaver Creek	John C. Johnson	Cozad	Pumps	Irrig.	.70	28	2	23	Furnas	Sept.	15	1941		3505
						21	2	23	Furnas	Sept.	15	1941		3505
Beaver Creek	W. A. Noel	Beaver City	Pump	Irrig.	.09	18	2	22	Furnas	May	4	1942		3563
Beaver Creek	Bernard Becker	Beaver City	Pump	Irrig.	1.77	15	2	22	Furnas	Aug.	15	1942		3582
Beaver Creek	Rollo O. DeMay	Danbury	Pump	Irrig.	2.74	23	1	28	Red Willow	Jan.	9	1945		3798
Beaver Creek	Vernon L. Marble	Beaver City	Pump	Irrig.	.30	24	2	23	Furnas	Mar.	14	1946		3884
Beaver Creek	C. K. Theobald	Beaver City	Pump	Irrig.	.28	20	2	20	Furnas	May	3	1950		4670
Beaver Creek	Walter N. Giles Estate	Wilsonville	Pump	Irrig.	.40	36	2	25	Furnas	May	6	1950		4673
Beaver Creek	Vinton H. Lord	Danbury	Pump	Irrig.	.72	8	1	27	Red Willow	Jan.	13	1951		4788
Beaver Creek	Fred Lieneman	Wilsonville	Pump	Irrig.	1.87	31	2	24	Furnas	Mar.	13	1951		4819
Beaver Creek	J. R. Wentling	Beaver City	Pump	Irrig.	.35	21	2	23	Furnas	Apr.	18	1951		4844
Beaver Creek	Carl R. Mullis	Beaver City	Pump	Irrig.	1.14	13	2	22	Furnas	Apr.	21	1951		4849
Beaver Creek	J. L. French	Wilsonville	Pump	Irrig.	.74	1	1	26	Red Willow	June	15	1951		4874
Beaver Creek	Joe B. Crocker	Danbury	Pump	Irrig.	.51	17	1	27	Red Willow	July	15	1952		4987
Beaver Creek	Merle R. Hunt	Beaver City	Pumps	Irrig.	.33	7	2	21	Furnas	Dec.	4	1952		5095

Beaver Creek	Albert Nicholson	Lebanon	Pump	Irrig.	2.75	14	1	27	Red Willow	Jan.	19	1953	5134
Beaver Creek	Roswell McComb	Wilsonville	Pump	Irrig.	1.09	31	2	25	Furnas	Feb.	5	1953	5146
Beaver Creek	Wayne Kasson	Wilsonville	Pump	Irrig.	1.08	36	2	25	Furnas	Mar.	4	1954	6028
Beaver Creek	Clay O. Fletcher	Beaver City	Pumps	Irrig.		24	2	23	Furnas	Mar.	24	1954	6087
						18	2	22	Furnas	Mar.	24	1954	6087
Beaver Creek	Travis Thomas	Beaver City	Pump	Irrig.		22	2	23	Furnas	Mar.	26	1954	6092
Beaver Creek	Bernard Becker	Beaver City	Pump	Irrig.		15	2	22	Furnas	Mar.	31	1954	6157
Beaver Creek, Ravine, Trib. to	Raymond R. Garey	Beaver City	Garey Reservoir	Storage	†57 AF	12	2	23	Furnas	Oct.	14	1939	2986
Beaver Creek, Ravine, Trib. to	G. W. Ackerman	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	B. J. Gallatin	Lincoln	Gallatin Reservoir	Storage	†361 AF	12	1	28	Red Willow	Feb.	28	1946	3876
Bell Creek	J. E. Bell Estate	Superior	Valley Reservoir	Storage	†25 AF	29	1	6	Nuckolls	Apr.	30	1928	2013
Bell Creek	W. C. Beal	Superior	Beal Reservoir	Fish	†19 AF	17	1	6	Nuckolls	Feb.	21	1941	3399
Blackwood Creek	Mrs. Lydia Barth	Culbertson	Pump	Irrig.	.47	33	4	31	Hitchcock	Apr.	27	1940	3143
Blackwood Creek	Mrs. Lydia Barth	Culbertson	Pump	Irrig.	.17	33	4	31	Hitchcock	Nov.	8	1940	3328
Blackwood Creek	Carson Russell	McCook	Russell Canal	Irrig.	2.57	6	4	31	Hitchcock	July	31	1941	3477
Blackwood Creek	Dan Ross	Culbertson	Pump	Irrig.		17	4	31	Hitchcock	Mar.	26	1954	6093
Broeker Reservoir	Gezena Broeker	Arapahoe	Broeker Canal	Stor-only		4	3	22	Furnas	Dec.	10	1940	3535
Brown Reservoir	Floyd T. Brown	Stamford	Brown Canal	Stor-only		4	1	21	Furnas	Apr.	29	1941	3434
Brush Creek	Raymond Benjamin	McCook	Pump	Irrig.	.97	3	2	29	Red Willow	Apr.	1	1952	4959
Brushy Creek	Lee Young	Maywood	Young Canal	Irrig.	.20	33	8	29	Frontier	Apr.	5	1927	1921

*Application not approved.
†Reservoir capacity alleged by applicant.
Stor-only. Land entitled to storage water only.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Brushy Creek	Russell and Corlett	Maywood	Pump	Irrig.	1.50	33	8	29	Frontier	Oct.	31	1940		3319
Brushy Creek	W. H. Davis	Maywood	Pump	Irrig.		20	8	29	Frontier	Apr.	17	1954		6226
Buffalo Creek	Wm. H. Larned, et al	Haigler	Allen-Larned Canal	Irrig.	6.00	18	1	40	Dundy	Oct.	16	1890	117	
Buffalo Creek	Carrol C. Jenkins	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*
Buffalo Creek	Fred O. Stute	Haigler	Pump	Irrig.	.80	35	2	41	Dundy	Apr.	30	1951		4853
Buffalo Creek	U. S. Bureau of Reclamation	McCook	Parks Reservoir	Storage		17	1	39	Dundy	July	11	1951		4883b*
Buffalo Creek	Fred O. Stute	Haigler	Pump	Irrig.	2.00	35	2	41	Dundy	Feb.	2	1953		5141
Campbell Res.	G W. Ackerman	Beaver City	Campbell Canal	Stor-only		22	2	22	Furnas	July	23	1941		3460
Cannon Reservoir	Elmer Cannon	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	Brainerd R. Becker	Salina, Kansas	Pump	Irrig.	.10	26	2	15	Franklin	July	25	1953		5416
Center Creek	W. K. Versaw	Franklin	Pump	Irrig.	.43	26	2	15	Franklin	Apr.	13	1954		6175
Cook Creek	John G. Haskell, et al	Alma	Cook Creek Canal	Irrig.	.57	33	2	18	Harlan	July	21	1917		1491
Cottonwood Creek	Jennie Worden	Superior	Worden Lake	Resort	†50 AF	11	1	8	Nuckolls	Nov.	25	1938		2897
Cottonwood Creek	B. W. Harrington	Franklin	Pump	Irrig.	.65	6	1	15	Franklin	Oct.	4	1948		4350
Cottonwood, Big	Ted Hill	Bloomington	Pump	Irrig.	.58	36	2	16	Franklin	Sept.	1	1953		5524
Cottonwood, Big	Aaron Olson	Bloomington	Pump	Irrig.	.51	24	2	16	Franklin	Sept.	1	1953		5526

Cottonwood, Lit.	C. D. Gardner	Bloomington	Gardner Canal	Irrig.	1.14	6	1	15	Franklin	Mar.	20	1922		1647
Cottonwood, Lit.	John Koelmel	Bloomington	Pump	Irrig.	.04	31	2	15	Franklin	Feb.	24	1940		3094
Cottonwood, Lit.	Chas. D. Gardner	Bloomington	Pump	Irrig.	.29	6	1	15	Franklin	Mar.	3	1949		4445
Craig Creek	M. B. Hoylman	Naponee	Hoylman Canal	Irrig.	1.69	14	1	17	Harlan	Aug.	1	1927		1948
Crooked Creek	Luise Eleanor Wolfe	Red Cloud	Pump	Irrig.	.22	6	1	10	Webster	Nov.	4	1946		4000
Crow Reservoir	Clark Crow	Oxford	Crow Canal	Stor-only		19	3	20	Harlan	Nov.	20	1940		3548
Crystal Springs	C. F. Eshelman	Riverton	Crystal Springs Canal	Irrig.	.28	10	2	13	Franklin	Aug.	17	1921		1615
Curtis Creek	Nelson and Nelson	Curtis	Pump	Irrig.	.27	36	8	28	Frontier	Apr.	19	1927		1927
Curtis Creek	H. L. Nelson and Son	Curtis	Pump	Irrig.	.27	36	8	28	Frontier	Feb.	26	1954		5993
Deep Creek	Chas. B. Murdoch	Orleans	Pump No. 2	Irrig.	.65	22	3	20	Harlan	Sept.	18	1928		2030
Deep Creek	Harold Brown	Holdrege	Pump	Irrig.	.50	22	3	20	Harlan	June	9	1943		3618
Deer Creek	Ed Farr	Cambridge	Pump	Irrig.	.22	10	5	25	Frontier	Feb.	7	1938		2833
Deer Creek	George T. James	Cambridge	Pump	Irrig.		24	5	25	Frontier	May	4	1954		6279
Driftwood Creek	Carl M. Schmitz	McCook	Schmitz Canal	Irrig.	1.07	12	2	30	Red Willow	May	3	1913		1287
Driftwood Creek	Frank Hoyt	McCook	Pump	Irrig.	.56	24	2	31	Hitchcock	Sept.	7	1937		2780
Driftwood Creek	Homer Hoyt	McCook	Hoyt Canal	Irrig.	.68	25	2	31	Red Willow	Feb.	23	1943		3597
Elk Creek	Esther Murray	Arapahoe	Murray Canal	Irrig.	2.85	11	4	23	Furnas	Aug.	13	1913		1315
Elk Creek	Albert Golter	Arapahoe	Pump	Irrig.	.30	35	5	23	Gosper	Mar.	7	1947		4044
Elm Creek	Walter Rasser	Red Cloud	Rasser Canal	Irrig.	1.02	3	1	10	Webster	Jan.	24	1934		2357
Elm Creek	Walter Rasser	Red Cloud	Rasser Bros. Canal	Irrig.	.45	3	1	10	Webster	Apr.	26	1939		2917
Elm Creek	Lyle A. Harris	Denver	Pump	Irrig.	2.47	2	1	10	Webster	Feb.	7	1948		4206

*Application not approved.
Stor-only. Land entitled to storage water only.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Elm Creek	Jake Frey and Frey Brothers	Red Cloud	Pump No. 1	Irrig.	.37	12	1	10	Webster	May	2	1950		4665
Elm Creek	Clarence L. Taul	Trenton	Pump	Irrig.	.29	32	3	33	Hitchcock	Mar.	28	1953		5225
Elm Creek	Barta Brothers	Red Cloud	Pumps	Irrig.	.43	21	2	10	Webster	July	3	1953		5373
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Upper Haigler Canal	Supp. I.	A-3868a	13	1	42	Dundy	Apr.	16	1954		6225-a*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Lower Haigler Canal	Supp. I.	A-3868b	21	1	40	Dundy	Apr.	16	1954		6225-b*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Buffalo Creek Canal	Supp. I.	A-3868c	20	1	40	Dundy	Apr.	16	1954		6225-c
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Rock Creek Canal	Supp. I.	A-3868d	21	1	39	Dundy	Apr.	16	1954		6225-d*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Benkelman Canal	Supp. I.	A-3868e	24	1	38	Dundy	Apr.	16	1954		6225-e*
				Supp. I.	A-6211	24	1	38	Dundy	Apr.	16	1954		6225-e*

Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Benkelman South Canal	Supp. I.	A-6212	17	1	37	Dundy	Apr.	16	1954	6225-f*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Meeker-Driftwood Canal	Supp. I.	D-4,7,8,9	8	2	33	Hitchcock	Apr.	16	1954	6225-g*
				Supp. I.	A-3869b	8	2	33	Hitchcock	Apr.	16	1954	6225-g*
				Supp. I.	A-3887c	8	2	33	Hitchcock	Apr.	16	1954	6225-g*
				Supp. I.	A-6213	8	2	33	Hitchcock	Apr.	16	1954	6225-g*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Culbertson Canal	Supp. I.	D-10	31	5	33	Hayes	Apr.	16	1954	6225-h*
				Supp. I.	A-3869a	31	5	33	Hayes	Apr.	16	1954	6225-h*
				Supp. I.	A-3887a	31	5	33	Hayes	Apr.	16	1954	6225-h*
				Supp. I.	A-3887b	31	5	33	Hayes	Apr.	16	1954	6225-h*
				Supp. I.	A-6214	31	5	33	Hayes	Apr.	16	1954	6225-h*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	McCook Canal	Supp. I.	A-6215	25	4	29	Red Willow	Apr.	16	1954	6225-i*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Red Willow Canal	Supp. I.	A-3869c	25	4	29	Red Willow	Apr.	16	1954	6225-j*
				Supp. I.	A-6216	25	4	29	Red Willow	Apr.	16	1954	6225-j*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Bartley Canal	Supp. I.	A-3869d	17	3	27	Red Willow	Apr.	16	1954	6225-k*
				Supp. I.	A-6217	17	3	27	Red Willow	Apr.	16	1954	6225-k*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Cambridge Canal	Supp. I.	A-3869e	27	4	25	Furnas	Apr.	16	1954	6225-l*
				Supp. I.	A-6218	27	4	25	Furnas	Apr.	16	1954	6225-l*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Holbrook Canal	Supp. I.	A-6219	27	4	25	Furnas	Apr.	16	1954	6225-m*

*Application not approved.
Supp. I. Storage water in addition to direct flow.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Apr.	16	1954		6225-c*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Naponee Canal	Supp. I.	A-4217	11	1	17	Harlan	Apr.	16	1954		6225-n*
				Supp. I.	A-6220	11	1	17	Harlan	Apr.	16	1954		6225-n*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Franklin Canal	Supp. I.	A-2691a	11	1	17	Harlan	Apr.	16	1954		6225-o*
				Supp. I.	A-2691b	11	1	17	Harlan	Apr.	16	1954		6225-o*
				Supp. I.	A-4216	11	1	17	Harlan	Apr.	16	1954		6225-o*
				Supp. I.	A-6221	11	1	17	Harlan	Apr.	16	1954		6225-o*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Franklin Pump Canal	Supp. I.	A-4227	3	1	14	Franklin	Apr.	16	1954		6225-p*
				Supp. I.	A-6222	3	1	14	Franklin	Apr.	16	1954		6225-p*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Red Cloud Pump Canal No. 3	Supp. I.	A-4220	8	1	11	Webster	Apr.	16	1954		6225-q*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Superior Canal	Supp. I.	A-2691c	7	1	9	Webster	Apr.	16	1954		6225-r*
				Supp. I.	A-4221	7	1	9	Webster	Apr.	16	1954		6225-r*
				Supp. I.	A-6223	7	1	9	Webster	Apr.	16	1954		6225-r*
Enders, Strunk, Harlan County, and Swanson Reservoirs	United States Bureau of Reclamation	McCook	Courtland Canal	Supp. I.	A-4222	7	1	9	Webster	Apr.	16	1954		6225-s*
				Supp. I.	A-6224	7	1	9	Webster	Apr.	16	1954		6225-s*
Farmers Creek	Harry F. Maxon	Wood River	Pump	Irrig.	.66	32	2	12	Webster	May	1	1950		4662
Farmers Cr.. W. F.	Stephen Deisley	Inavale	Pump	Irrig.	.48	17	2	12	Webster	Aug.	8	1953		5450

Feese Reservoir	Edna Feese	Hastings	Feese Canal	Stor-only		30	2	20	Harlan	Sept.	9	1941		3498*
Flag Creek	Robert H. Kerr	Alma	Pump	Irrig.	.32	27	2	19	Harlan	Apr.	19	1943		3607
Flag Creek	John E. Davis	Orleans	Pump	Irrig.	.22	21	2	19	Harlan	Apr.	12	1944		3712
Flag Creek	Merle E. Davenport	Orleans	Pump	Irrig.	.09	22	2	19	Harlan	July	5	1944		3741
Flag Creek	B. W. Backes	Orleans	Pump	Irrig.	.16	27	3	19	Harlan	Apr.	7	1950		4636
Foster Creek	Elam Peterson	Orleans	Pump	Irrig.	.19	26	3	20	Harlan	June	5	1952		4971
Fox Creek	Wm. Schick	Curtis	Pump	Irrig.	.43	5	8	28	Frontier	May	16	1940		3161
Fox Creek	Daniel C. Keldsen	Curtis	Pump	Irrig.	.35	8	8	28	Frontier	May	16	1940		3162
Fox Creek	University of Nebraska	Curtis	Pump	Irrig.	.63	21	8	28	Frontier	July	31	1953		5433
Fox Creek	R. P. Ridgway	Curtis	Pump	Irrig.		27	8	28	Frontier	Apr.	12	1954		6172
Frenchman R.	H. E. Athey	Wauneta	Wauneta Plant	Power	35.00	11	5	36	Chase	July	31	1886	178	
Frenchman R.	Wauneta L. and P. Co.	Wauneta	Wauneta Plant	Rs. Dam	D-178	11	5	36	Chase	May	7	1928		2015
Frenchman R.	Glen R. Knotwell	Champion	Champion Mills	Power	28.30	21	6	39	Chase	Dec.	31	1887	179	
Frenchman R.	Krotter Brothers	Palisade	Aberdeen Canal	Irrig.	.83	3	5	38	Chase	July	1	1888	50a	
Frenchman R.	Ellen T. Sheridan	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 Co.	Beatrice	Champion Canal	Irrig.	‡24.00	23	6	40	Chase	Dec.	23	1890	47	
Frenchman R.	Ellen T. Sheridan, et al	McCook	Aberdeen Canal	Irrig.	.50	3	5	38	Chase	Feb.	2	1891	50b	
Frenchman R.	Jos. G. Crews, et al	Culbertson	Farmers Canal	Irrig.	2.79	11	3	32	Hitchcock	Dec.	19	1893	10	
(Canyon No. 10)	Geo. Gerlach, et al	Culbertson	Wacker Canal	O. D.	D-10	17	3	31	Hitchcock	Dec.	19	1893		1528
(Canyon No. 10)	Jos. G. Crews, 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.	5.13	33	4	32	Hitchcock	July	28	1894	18	
Frenchman R.	Rollo Maranville	Champion	Maranville Canal	Irrig.	6.00	12	6	41	Chase	Dec.	8	1894	70-71	
Frenchman R.	Norton Inman	Champion	Inman Canal	Irrig.	1.50	17	6	40	Chase	Feb.	28	1895	79	

*Application not approved.
Supp. I. Storage water in addition to direct flow.
Stor-only. Land entitled to storage water only.
R. Denotes relocation.
‡Amount affirmed by U. S. Supreme Court.
O. D. Denotes optional diversion.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Frenchman R.	City of Imperial and Geo. 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.	J. A. Hoke 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.	F. C. Krotter Estate	Palisade	Follett-Krotter Canal	Irrig.	5.70	35	5	34	Hayes	Jan.	15	1910		975
Frenchman R.	F. C. Krotter Estate	Palisade	Krotter Power Plant	Power	55.00	35	5	34	Hayes	Aug.	17	1910		1021
Frenchman R.	F. C. Krotter 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.	H. E. Athey	Wauneta	Wauneta Plant	Power	75.00	11	5	36	Chase	Nov.	16	1911		1136
Frenchman R.	E. E. Arterburn	Lincoln	Arterburn Reservoir	Storage	†1800 AF	11	6	41	Chase	Nov.	28	1911		1142
Frenchman R.	Stephen S. Bishop Estate	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.	8.20	7	5	35	Hayes	Apr.	28	1913		1285
Frenchman R.	F. C. Krotter 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.	Fred Severns	Palisade	Pump	Irrig.	2.01	9	4	33	Hitchcock	Sept.	11	1926		1856
Frenchman R.	F. C. Krotter 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.	Fred R. Grimm	Wauneta	Pumps	Irrig.	1.19	15	5	35	Hayes	Apr.	25	1935		2542
Frenchman R. and Springs	Geo. Hoffmeister	Imperial	Hoffmeister Reservoir	Storage	†100 AF	31	6	38	Chase	Mar.	18	1936		2570
Frenchman R.	Fred W. Krausnick	Wauneta	Pump	Irrig.	.56	8	5	37	Chase	Mar.	2	1937		2705

Frenchman R.	Emma J. Wise	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.	U. S. Severns	Palisade	Pump	Irrig.	.91	9	4	33	Hitchcock	Mar.	15	1938	2847
Frenchman R.	Fred C. Haarberg	Turlock, Cal.	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.	Clyde L. Gruver	Palisade	Pump	Irrig.	1.03	5	4	33	Hitchcock	Feb.	27	1939	2910
Frenchman R.	Raymond J. Handel	Palisade	Pump	Irrig.	1.35	8	4	33	Hitchcock	Mar.	11	1940	3112
Frenchman R.	F. C. Krotter 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	Apr.	3	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.	United States Bureau of Reclamation	Denver	Enders Reservoir	Storage	†44079 AF	4-9	5	37	Chase	May	1	1946	3899
Frenchman R.	Duncan C. Harvey	Wauneta	Pump	Irrig.	4.13	3	5	36	Chase	Dec.	1	1949	4539
Frenchman R.	Clarence Blobaum	Wauneta	Pump	Irrig.	1.61	7	5	36	Chase	Dec.	23	1949	4555
Frenchman R.	Clarence Blobaum	Wauneta	Pump	Irrig.	1.77	8	5	36	Chase	Aug.	14	1950	4736
Frenchman R.	Rollo Maranville	Champion	Maranville Canal	Irrig.	.96	11	6	41	Chase	Mar.	26	1951	4828
Frenchman R.	Ralph E. Solomon	Culbertson	Pump	Irrig.	2.00	18	3	31	Hitchcock	Apr.	27	1951	4852
Frenchman R.	Fred Wacker, Sr.	Culbertson	Pump	Irrig.	1.14	12	3	32	Hitchcock	Feb.	28	1952	4942
Frenchman R.	G. Wilbur Harris	Palisade	Pump	Irrig.	1.64	29	5	34	Hayes	Aug.	25	1952	5016
Frenchman R.	Warrie Walbridge	Palisade	Pump	Irrig.	1.13	29	5	34	Hayes	Dec.	6	1952	5100
Frenchman R.	Lloyd Wilson Ough, Jr.	Wauneta	Pump	Irrig.	.15	12	5	36	Chase	Feb.	16	1953	5165
Frenchman R.	A. J. Brown	Hamlet	Pump	Irrig.	.61	24	5	35	Hayes	Apr.	6	1953	5246
Frenchman R.	E. J. Brunkhorst	Hamlet	Pump	Irrig.	.29	24	5	35	Hayes	June	19	1953	5354
Frenchman R.	Leroy Brabham	Palisade	Pump	Irrig.	.63	27	5	34	Hayes	Sept.	10	1953	5556
Frenchman R.	Fred R. Grimm	Wauneta	Pumps	Irrig.	1.97	15	5	35	Hayes	Dec.	17	1953	5802
Frenchman R.	Elmer J. Cook	Culbertson	Pump	Irrig.		25	4	33	Hitchcock	Feb.	26	1954	5996

†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Frenchman R.	Morris H. Brown	Culbertson	Pump	Irrig.		3	3	32	Hitchcock	Mar.	10	1954		6050
Frenchman R.	Barnesvale Angus Ranch	Hamlet	Pump	Irrig.	1.07	23	5	35	Hayes	Mar.	11	1954		6054
Frenchman R.	Frenchman Cambridge Irrig. Dist.	Edison	Culbertson Canal	Irrig.		31	5	38	Hayes	Apr.	16	1954		6214*
Frenchman R.	Mary Bryan	Culbertson	Pump	Irrig.		31	3	31	Hitchcock	July	8	1954		6414
Frenchman R.	Floyd W. Rice	Palisade	Pump	Irrig.	2.05	34	5	34	Hayes	July	12	1954		6418
Frenchman R., Ravine, Trib. to	F. C. Krotter Estate	Palisade	Krotter-Rice Reservoir	Storage	†33 AF	34	5	34	Hayes	Feb.	4	1944		3678
Frenchman R., Ravine, Trib. to	Krotter Brothers	Palisade	Krotter-Schlager Res.	Storage	†42 AF	26	4	33	Hitchcock	Mar.	12	1945		3814
Garey Reservoir	Raymond R. Garey	Beaver City	Garey Canal	Stor-only		12	2	23	Furnas	Oct.	14	1939		3483
Gerd Reservoir	Clarence Gerd	Stamford	Gerd Canal	Stor-only		34	2	21	Furnas	Feb.	29	1940		3485
Gilham Reservoir	Luise Eleanor Wolfe	Red Cloud	Pump No. 2	Stor-only		31	2	10	Webster	Nov.	4	1946		4002
Ground Water	F. C. Krotter 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	Floyd W. Rice	Palisade	Rice Well	Irrig.		34	5	34	Hayes	Oct.	8	1938		2889*
Ground Water	Hugh B. Ashmore	Palisade	Ashmore Well	Irrig.		25	5	34	Hayes	Mar.	11	1940		3113*
Ground Water	William Bauerle	Trenton	Bauerle Well	Irrig.		34	3	32	Hitchcock	June	3	1940		3170*
Ground Water	Nettie Grable Lichty	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	J. W. Trenchard	Cambridge	Trenchard Well	Irrig.		4	3	26	Red Willow	Feb.	17	1941		3393*
Ground Water	Charley C. Kimberling	Champion	Kimberling Well	Irrig.		20	6	40	Chase	Mar.	11	1941		3412*
Ground Water	Clemens G. Seyler	Republican City	Seyler Well	Irrig.		15	1	17	Harlan	Oct.	15	1941		3520*

Ground Water	Nelie Haskins	Republican City	Haskins Well	Irrig.	16	1	17	Harlan	Oct.	21	1941	3521*
Ground Water	Bert Hewitt	Superior	Hewitt Well	Irrig.	13	1	18	Harlan	Oct.	25	1941	3523*
Ground Water	Grace Shallenberger	Alma	Shallenberger Well	Irrig.	6	1	18	Harlan	Oct.	29	1941	3528*
Ground Water	Henry Sindt	Naponee	Sindt Well No. 1	Irrig.	17	2	16	Franklin	May	14	1942	3565*
Ground Water	H. O. Chitwood		Chitwood Well No. 1	Irrig.	35	2	15	Franklin	June	5	1942	3573*
Ground Water	Henry Pedersen	Guide Rock	Pedersen Wells 1 and 2	Irrig.	24	2	9	Webster	June	20	1942	3578*
Ground Water	Bernard Becker	Beaver City	Becker Well	Irrig.	15	2	22	Furnas	Aug.	15	1942	3583*
Ground Water	C. C. Kimberling	Champion	Kimberling Well No. 2	Irrig.	17	6	40	Chase	Mar.	8	1943	3598*
Ground Water	L. N. Miller	Imperial	Miller Well	Irrig.	28	7	40	Chase	Mar.	23	1943	3600*
Ground Water	Elbert Moody Estate	Wauneta	Moody Well	Irrig.	12	6	36	Chase	July	6	1943	3622*
Ground Water	Guy G. Mollison	Trenton	Mollison Well	Irrig.	4	2	33	Hitchcock	July	26	1943	3627*
Ground Water	Paul E. Arnold	Lamar	Arnold Well	Irrig.	18	6	40	Chase	Aug.	31	1943	3636*
Ground Water	Perry J. Losey	Naponee	Losey Wells 1 and 2	Irrig.	3	1	16	Franklin	Feb.	28	1944	3690*
Ground Water	Herbert J. Hughes	Lamar	Hughes Well	Irrig.	6	7	40	Chase	Apr.	20	1944	3718*
Ground Water	F. C. Krotter Estate	Palisade	Krotter Well No. 3	Irrig.	34	5	34	Hayes	June	14	1944	3731*
Ground Water	F. C. Krotter Estate	Palisade	Krotter Well No. 4	Irrig.	36	5	34	Hayes	June	14	1944	3732*
Ground Water	Krotter Brothers	Palisade	Krotter Wells 5 and 6	Irrig.	23	4	33	Hitchcock	June	14	1944	3733*
Ground Water	Geo. A. Kettle	Hays Center	Kettle Well	Irrig.	25	4	32	Hitchcock	Sept.	5	1944	3761*
Ground Water	A. Ray Scott	Holdrege	Scott Well	Irrig.	30	5	33	Hayes	Sept.	5	1944	3762*
Ground Water	Henry Kunnemann	Imperial	Kunnemann Well	Irrig.	22	8	40	Chase	Jan.	18	1945	3794*
Ground Water	A. E. Berry	Lamar	Berry Well	Irrig.	1	6	41	Chase	Jan.	22	1945	3796*
Ground Water	R. R. Broughton	Haigler	Broughton Well	Irrig.	14	5	41	Chase	Jan.	26	1945	3800*
Ground Water	Warren Earl	Haigler	Earl Well	Irrig.	32	5	40	Chase	Jan.	29	1945	3802*
Ground Water	C. W. Schultz	Lamar	Schultz Well	Irrig.	22	6	41	Chase	Jan.	29	1945	3803*
Ground Water	Joseph A. Elder	Lamar	Elder Well	Irrig.	30	7	41	Chase	Feb.	13	1945	3809*
Ground Water	Esther McFadden	Stratton	McFadden Well	Irrig.	18	2	34	Hitchcock	Mar.	2	1946	3877*
Ground Water	L. W. Melchert	Stratton	Melchert Well	Irrig.	18	2	34	Hitchcock	Aug.	30	1946	3949*
Ground Water	Edwin H. Lytle	Imperial	Lytle Well	Irrig.	10	7	40	Chase	Oct.	18	1946	3985*
Ground Water	W. B. Hall	Stratton	Hall Well No. 1	Irrig.	23	2	35	Hitchcock	Oct.	26	1946	3990*
Ground Water	W. B. Hall	Stratton	Hall Well No. 2	Irrig.	23	2	35	Hitchcock	Oct.	26	1946	3991*
Ground Water	W. B. Hall	Stratton	Hall Well No. 3	Irrig.	17	2	34	Hitchcock	Oct.	26	1946	3992*

*Application not approved.
†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Herman P. Reutzel	Trenton	Reutzel Well	Irrig.		35	3	33	Hitchcock	Dec.	27	1946		4015*
Ground Water	Henry Pollman	Stratton	Pollman Well	Irrig.		8	2	35	Hitchcock	Jan.	21	1947		4025*
Ground Water	Marvin Boyd	Wilsonville	Boyd Well	Irrig.		11	1	26	Red Willow	Mar.	14	1947		4047*
Ground Water	Annie K. Reagan	Stratton	Reagan Well No. 1	Irrig.		7	2	34	Hitchcock	Mar.	19	1947		4049*
Ground Water	Annie K. Reagan	Stratton	Reagan Well No. 2	Irrig.		7	2	34	Hitchcock	Mar.	19	1947		4050*
Ground Water	Annie K. Reagan	Stratton	Reagan Well No. 3	Irrig.		7	2	34	Hitchcock	Mar.	19	1947		4051*
Ground Water	Harold Doyle	Guide Rock	Doyle Well	Irrig.		25	1	8	Nuckolls	Aug.	2	1947		4090*
Ground Water	George Olmstede	Guide Rock	Olmstede Wells	Irrig.		16	1	9	Webster	Aug.	4	1947		4091*
Ground Water	J. K. Cox	Champion	Cox Well	Irrig.		30	6	39	Chase	Sept.	4	1947		4105*
Ground Water	H. S. Reed	Guide Rock	Reed Well	Irrig.		20	1	8	Nuckolls	Oct.	24	1947		4135*
Ground Water	Buren Reed	Guide Rock	Reed Well	Irrig.		19	1	8	Nuckolls	Nov.	10	1947		4142*
Ground Water	Leon C. Forgue	Culbertson	Forgue Well	Irrig.		29	3	31	Hitchcock	Feb.	18	1948		4210*
Ground Water	Charley W. Keech	Palisade	Keech Well	Irrig.		36	5	34	Hayes	Aug.	5	1948		4318*
Ground Water	Fred Dalton	Guide Rock	Dalton Well	Irrig.		13	1	19	Webster	Oct.	30	1948		4355*
Ground Water	Henry J. Somerholder	Guide Rock	Somerholder Well	Irrig.		36	2	10	Webster	Jan.	6	1949		4417*
Ground Water	John O. Olson	Minden	Olson Well	Irrig.		29	6	15	Kearney	Feb.	9	1949		4429*
Ground Water	Gordon S. Prior	Imperial	Prior Well	Irrig.		19	7	38	Chase	May	4	1949		4469*
Ground Water	Harold A. Miner	Lamar	Miner Well	Irrig.		9	7	41	Chase	May	4	1949		4470*
Ground Water	Victor H. Zander	Culbertson	Zander Well	Irrig.		18	3	30	Red Willow	June	4	1949		4479*
Ground Water	Lora A. Thuman	Minden	Thuman Well	Irrig.		15	6	15	Kearney	Dec.	8	1949		4544*
Ground Water	John F. O'Brien	Cambridge	O'Brien Wells	Irrig.		33	4	26	Red Willow	Dec.	24	1949		4557*
						4	3	26	Red Willow	Dec.	24	1949		4557*
Ground Water	Dean C. Oberheide	Red Cloud	Oberheide Well	Irrig.		36	2	10	Webster	Dec.	30	1949		4560*
Ground Water	Geo. Kunneman	Imperial	Kunneman Well	Irrig.		2	7	40	Chase	Jan.	5	1950		4565*
Ground Water	Neligh Stadler	Minden	Stadler Well	Irrig.		32	6	15	Kearney	Jan.	7	1950		4567*
Ground Water	Wm. Bang	Minden	Bang Well	Irrig.		11	6	15	Kearney	Jan.	16	1950		4572*
Ground Water	Stanley Woodward	Guide Rock	Woodward Well	Irrig.		18	1	9	Webster	Jan.	27	1950		4581*
Ground Water	Arthur Carmody	Trenton	Carmody Well	Irrig.		3	2	33	Hitchcock	Feb.	1	1950		4583*

Ground Water	Harold Lundeen	Minden	Lundeen Well	Irrig.	31	6	15	Kearney	Feb.	10	1950		4593*
Ground Water	Floyd W. Row	Davenport	Row Well	Irrig.	26	4	5	Nuckolls	Feb.	27	1950		4607*
Ground Water	Ernest Tietze	Fremont	Tietze Well	Irrig.	29	4	24	Furnas	Mar.	10	1950		4616*
Ground Water	John M. Wills	Stamford	Wills Well	Irrig.	13	2	21	Furnas	May	15	1950		4677*
Ground Water	Willis E. Cranwell	Imperial	Cranwell Well	Irrig.	21	7	41	Chase	May	17	1950		4681*
Ground Water	Eldon H. Davis	Bladen	Davis Well	Irrig.	7	4	11	Webster	May	27	1950		4684*
Ground Water	Glen F. McInturf	Stamford	McInturff Well	Irrig.	24	2	21	Furnas	June	9	1950		4693*
Ground Water	Dean and W. S. Potter	Wilcox	Potter Well	Irrig.	16	3	16	Franklin	Sept.	5	1950		4744*
Ground Water	Elmer Kunneman	Imperial	Kunneman Well	Irrig.	26	8	40	Chase	Dec.	8	1950		4774*
Ground Water	Carl G. Falk	Axtell	Falk Well	Irrig.	6	5	16	Kearney	Jan.	31	1951		4794*
Ground Water	Leo C. Harper	Beaver City	Harper Well	Irrig.	14	1	23	Furnas	Mar.	10	1951		4817*
Ground Water	John C. Blank	Franklin	Blank Well	Irrig.	1	2	15	Franklin	Mar.	30	1951		4834*
Ground Water	George F. Moreland	Imperial	Moreland Well	Irrig.	6	6	40	Chase	Apr.	9	1951		4839*
Ground Water	Paul A. Freehling	Haigler	Freehling Well	Irrig.	30	1	41	Dundy	Apr.	14	1951		4843*
Ground Water	Everett J. Travis	Champion	Travis Well	Irrig.	9	6	40	Chase	Apr.	21	1951		4850*
Ground Water	John H. Montieth	Champion	Montieth Well	Irrig.	20	5	39	Chase	Apr.	25	1951		4851*
Ground Water	John W. Unzicker	Imperial	Unzicker Well	Irrig.	30	7	40	Chase	May	9	1951		4856*
Ground Water	Robert L. Ashmore	Lamar	Ashmore Well	Irrig.	28	7	41	Chase	May	19	1951		4863*
Ground Water	H. W. Kleinschmidt	Stratton	Kleinschmidt Wells	Irrig.	13	2	35	Hitchcock	Mar.	6	1952		4944*
					18	2	34	Hitchcock	Mar.	6	1952		4944*
Ground Water	Walter B. Hall	Stratton	Hall Wells	Irrig.	23	2	35	Hitchcock	Mar.	6	1952		4945*
					14	2	35	Hitchcock	Mar.	6	1952		4945*
Ground Water	John F. Evers	Franklin	Evers Well	Irrig.	28	3	14	Franklin	June	24	1952		4978*
Ground Water	L. N. Elson and Sons	Curtis	Elson Well	Irrig.	2	8	28	Frontier	Aug.	4	1952		5005*
Ground Water	Albert Williamson and Cecil Faye Williamson	Stratton	Williamson Wells	Irrig.	20	2	35	Hitchcock	Aug.	21	1952		5015*
					21	2	35	Hitchcock	Aug.	21	1952		5015*
Ground Water	David O. Larson	Arapahoe	Larson Well	Irrig.	17	4	23	Furnas	Aug.	26	1952		5017*
Ground Water	Jensen and Wallace	Kearney	Jensen and Wallace Well	Irrig.	13	10	17	Buffalo	Sept.	2	1952		5019*
Ground Water	Fred W. Clark	McCook	Clark Wells 1 and 2	Irrig.	33	1	28	Red Willow	Sept.	15	1952		5028*
Ground Water	Walter G. Schneider	Grant	Schneider Well	Irrig.	7	10	39	Perkins	Oct.	22	1952		5047*
Ground Water	Frederick Zuege, Jr.	Haigler	Zuege Well	Irrig.	26	1	41	Dundy	Oct.	23	1952		5049*
Ground Water	Marvin D. Keuten	Grant	Keuten Well	Irrig.	1	10	40	Perkins	Nov.	18	1952		5075*

*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Clarence E. Radcliff	Venango	Radcliff Well	Irrig.		28	8	41	Chase	Nov.	25	1952		5082*
Ground Water	Delbert T. Thompson	Imperial	Thompson Well	Irrig.		19	7	38	Chase	Nov.	28	1952		5088*
Ground Water	Carolyn E. Murray	Imperial	Murray Well	Irrig.		20	7	40	Chase	Dec.	5	1952		5098*
Ground Water	C. W. Pribbeno	Imperial	Pribbeno Well	Irrig.		35	5	39	Chase	Dec.	17	1952		5114*
Ground Water	Vilas Smith	Enders	Smith Well	Irrig.		13	6	40	Chase	Jan.	15	1953		5132*
Ground Water	Averil Hudnall	Imperial	Hudnall Well	Irrig.		27	7	39	Chase	Feb.	9	1953		5153*
Ground Water	Mrs. Hazel Werth	Minden	Werth Well	Irrig.		22	6	15	Kearney	Feb.	17	1953		5166*
Ground Water	Harley Morthole	Culbertson	Morthole Well	Irrig.		12	3	32	Hitchcock	Feb.	24	1953		5180*
Ground Water	N. L. Kohl	Imperial	Kohl Well	Irrig.		25	7	41	Chase	Mar.	4	1953		5199*
Ground Water	Ray G. Korell	Culbertson	Korell Well	Irrig.		1	4	32	Hitchcock	Mar.	13	1953		5205*
Ground Water	Glenn Korell	Culbertson	Korell Well	Irrig.		36	5	32	Hayes	Mar.	28	1953		5224*
Ground Water	Emily Swenson, et al	Bertrand	Swenson Well	Irrig.		8	6	20	Phelps	Mar.	31	1953		5229*
Ground Water	Clifford M. Brown	Holdrege	Brown Well	Irrig.		3	5	18	Phelps	Apr.	2	1953		5237*
Ground Water	Clifford M. Brown	Holdrege	Brown Well	Irrig.		2	5	18	Phelps	Apr.	2	1953		5238*
Ground Water	August Breitling	Stratton	Breitling Well	Irrig.		19	2	35	Hitchcock	Apr.	14	1953		5260*
Ground Water	J. B. Foster	Benkelman	Foster Well	Irrig.		27	2	36	Dundy	Apr.	14	1953		5261*
Ground Water	Elmer E. Dailey	Stratton	Dailey Well	Irrig.		24	2	36	Dundy	Apr.	16	1953		5267*
Ground Water	Leo E. Beard	Champion	Beard Well	Irrig.		29	6	39	Chase	Apr.	25	1953		5285*
Ground Water	Wm. A. Baney	Benkelman	Baney Well	Irrig.		15	2	38	Dundy	Apr.	27	1953		5291*
Ground Water	Oscar E. Erickson	Holdrege	Erickson Well	Irrig.		6	5	17	Phelps	Apr.	30	1953		5299*
Ground Water	South Platte Inv., Inc.	Holdrege	South Platte Inv., Inc. Well	Irrig.		16	6	18	Phelps	May	1	1953		5304*
Ground Water	Herman A. Molzahn	Imperial	Molzahn Well	Irrig.		28	7	38	Chase	May	5	1953		5308*
Ground Water	Carl V. Lind	Holdrege	Lind Well	Irrig.		2	5	17	Phelps	May	6	1953		5309*
Ground Water	John H. Gardels	Wilcox	Gardels Well	Irrig.		32	5	16	Kearney	June	10	1953		5349*
Ground Water	L. H. Whitehead	Alma	Whitehead Well	Irrig.		17	2	18	Harlan	June	19	1953		5356*
Ground Water	J. J. Huston	Holdrege	Huston Well	Irrig.		18	4	17	Harlan	July	11	1953		5387*
Ground Water	Walter C. Hock	Smithfield	Hock Well	Irrig.		29	7	21	Gosper	July	15	1953		5393*

Ground Water	Fay F. Palmer	Red Cloud	Palmer Well	Irrig.	18	2	11	Webster	July	24	1953	5415*
Ground Water	Angela Clutter	Red Cloud	Clutter Well	Irrig.	11	2	11	Webster	July	30	1953	5430*
Ground Water	Verla Vandike	Alma	Vandike Well	Irrig.	14	3	18	Harlan	Aug.	1	1953	5435*
Ground Water	R. A. Drishaus	Beatrice	Drishaus Well	Irrig.	8	3	16	Franklin	Aug.	11	1953	5460*
Ground Water	Neil Hultquist	Holdrege	Hultquist Well	Irrig.	23	6	19	Phelps	Aug.	11	1953	5462*
Ground Water	Harry W. Blank	Franklin	Blank Well No. 1	Irrig.	6	1	14	Franklin	Aug.	11	1953	5464*
Ground Water	Harry W. Blank	Franklin	Blank Well No. 2	Irrig.	6	1	14	Franklin	Aug.	11	1953	5465*
Ground Water	Robert E. Harris	Red Cloud	Harris Well	Irrig.	11	2	11	Webster	Aug.	15	1953	5475*
Ground Water	Wade Stevens	McCook	Stevens Wells	Irrig.	20	3	30	Red Willow	Aug.	20	1953	5486*
Ground Water	Ivan M. Kipp	Bertrand	Kipp Well	Irrig.	21	6	20	Phelps	Aug.	20	1953	5487*
Ground Water	Harlan R. Wiggins	Minden	Wiggins Well	Irrig.	32	6	16	Kearney	Aug.	27	1953	5509*
Ground Water	Otis A. Lindstrom	Holdrege	Lindstrom Well	Irrig.	10	5	17	Phelps	Sept.	1	1953	5523*
Ground Water	Raymond Kremelacek	Wilcox	Kremelacek Well	Irrig.	6	4	17	Harlan	Sept.	1	1953	5525*
Ground Water	Wayne H. Booker	Rushville	Booker Well	Irrig.	30	4	22	Furnas	Sept.	3	1953	5534*
Ground Water	Harvey Stevens	Red Cloud	Stevens Well	Irrig.	10	2	11	Webster	Sept.	4	1953	5538*
Ground Water	Herbert Schurmann	Hildreth	Schurmann Well	Irrig.	33	5	15	Kearney	Sept.	8	1953	5547*
Ground Water	Irvin A. Bauerle	Champion	Bauerle Well	Irrig.	15	6	39	Chase	Sept.	14	1953	5566*
Ground Water	Carl A. Erickson	Axtell	Erickson Well	Irrig.	28	6	18	Phelps	Sept.	17	1953	5578*
Ground Water	Adolph Kramer	Holdrege	Kramer Well No. 1	Irrig.	12	4	18	Harlan	Sept.	21	1953	5587*
Ground Water	Kenneth L. Cunningham	Grant	Cunningham Well	Irrig.	15	11	38	Perkins	Sept.	23	1953	5598*
Ground Water	Jesse W. Stadler	Minden	Stadler Well	Irrig.	35	6	15	Kearney	Sept.	26	1953	5603*
Ground Water	Rollie A. Honwell	Minden	Honwell Well	Irrig.	12	6	15	Kearney	Oct.	1	1953	5617*
Ground Water	C. L. Bergstrom	Wilcox	Bergstrom Well	Irrig.	14	5	17	Phelps	Oct.	14	1953	5645*
Ground Water	T. C. Flack	Minden	Flack Well	Irrig.	6	5	14	Kearney	Oct.	23	1953	5665*
Ground Water	Art and Del Oline	Minden	Oline Well	Irrig.	36	6	15	Kearney	Oct.	31	1953	5694*
Ground Water	Anton Maruska	Red Cloud	Maruska Well	Irrig.	2	2	11	Webster	Nov.	2	1953	5697*
Ground Water	Orel Theodore Woods	Holdrege	Woods Well	Irrig.	36	6	18	Phelps	Nov.	9	1953	5713*
Ground Water	C. W. Gustafson	Funk	Gustafson Wells	Irrig.	36	6	17	Phelps	Nov.	10	1953	5715*
					35	6	17	Phelps	Nov.	10	1953	5715*
Ground Water	Donald Thompson	McCook	Thompson Well	Irrig.	1	2	30	Red Willow	Dec.	8	1953	5780*
Ground Water	Lester C. Schepler	Wilcox	Schepler Well	Irrig.	32	4	16	Franklin	Dec.	15	1953	5791*
Ground Water	George Haberman	Hastings	Haberman Well	Irrig.	16	7	40	Chase	Dec.	24	1953	5818*

*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Hazel R. McClymont	Holdrege	McClymont Well	Irrig.		3	5	18	Phelps	Dec.	30	1953		5837*
Ground Water	Hazel R. McClymont	Holdrege	McClymont Well	Irrig.		10	5	18	Phelps	Dec.	30	1953		5838*
Ground Water	Harry Frandsen	Minden	Frandsen Well	Irrig.		15	5	14	Kearney	Jan.	4	1954		5839*
Ground Water	Ellen P. Wischmeier	Wilcox	Wischmeier Well	Irrig.		17	3	16	Franklin	Jan.	4	1954		5843*
Ground Water	Glenn D. Bruce	Axtell	Bruce Well	Irrig.		19	5	15	Kearney	Jan.	13	1954		5864*
Ground Water	Mart R. Hansen	Upland	Hansen Well	Irrig.		24	4	14	Franklin	Jan.	13	1954		5865*
Ground Water	Lawrence Graf	Republican Cit	Graf Well No. 1	Irrig.		1	2	17	Harlan	Jan.	14	1954		5868*
Ground Water	Virgil Merryman	Republican Cit	Merryman Well No. 1	Irrig.		27	3	17	Harlan	Jan.	16	1954		5870*
Ground Water	Lena Knuth	Oxford	Knuth Well	Irrig.		26	4	21	Furnas	Jan.	22	1954		5888*
Ground Water	Lee W. Williamson	Trenton	Williamson Well	Irrig.		5	2	32	Hitchcock	Jan.	27	1954		5905*
Ground Water	Jennie and C. C. Peterson	Holdrege	Peterson Well	Irrig.		31	6	17	Phelps	Feb.	1	1954		5914*
Ground Water	C. W. Huckfeldt	Kenesaw	Huckfeldt Well	Irrig.		34	8	12	Adams	Feb.	3	1954		5928*
Ground Water	Donald France	Lexington	France Well	Irrig.		26	10	21	Dawson	Feb.	16	1954		5966*
Ground Water	Verle R. Wendell	Axtell	Wendell Well	Irrig.		9	5	15	Kearney	Feb.	17	1954		5969*
Ground Water	Glen Lundvall	Wallace	Lundvall Well	Irrig.		5	9	34	Lincoln	Feb.	18	1954		5970*
Ground Water	Cecil Crowell	Red Cloud	Crowell Well	Irrig.		11	1	11	Webster	Feb.	18	1954		5971*
Ground Water	Lester W. Wendell	Wilcox	Wendell Well	Irrig.		19	5	16	Kearney	Feb.	20	1954		5974*
Ground Water	Osman Ingraham	Stratton	Ingraham Well	Irrig.		20	2	34	Hitchcock	Feb.	23	1954		5975*
Ground Water	Amos H. Wagner	Culbertson	Wagner Well	Irrig.		20	4	31	Hitchcock	Feb.	25	1954		5989*
Ground Water	Wayne W. Ziebarth	Wilcox	Ziebarth Well	Irrig.		5	4	16	Franklin	Mar.	3	1954		6025*
Ground Water	Gerald Yaw	Imperial	Yaw Well	Irrig.		28	6	41	Chase	Mar.	17	1954		6070*
Ground Water	W. F. Bogle	Elwood	Bogle Well	Irrig.		17	7	22	Gosper	Mar.	17	1954		6071*
Ground Water	Clyde Hardy	Stratton	Hardy Well	Irrig.		26	2	35	Hitchcock	Mar.	30	1954		6110*
Ground Water	Glen B. Hemelstrand	Edison	Hemelstrand Well	Irrig.		13	5	22	Gosper	Mar.	30	1954		6112*
Ground Water	John Gies	Culbertson	Gies Well	Irrig.		33	4	31	Hitchcock	Mar.	30	1954		6115*
Ground Water	William C. Gehring	Indianola	Gehring Well	Irrig.		25	4	28	Red Willow	Mar.	30	1954		6120*

Ground Water	Henry Jelken	Hildreth	Jelkin Well	Irrig.	24	3	16	Franklin	Mar.	30	1954	6126*
Ground Water	Dan Ross	Culbertson	Ross Well	Irrig.	17	4	31	Hitchcock	Mar.	30	1954	6148*
Ground Water	Dan Ross	Culbertson	Ross Well	Irrig.	17	4	31	Hitchcock	Mar.	30	1954	6149*
Ground Water	Earl Lindau	Axtell	Lindau Well	Irrig.	20	5	15	Kearney	Mar.	30	1954	6152*
Ground Water	Paul Craw	Stratton	Craw Wells	Irrig.	21	2	35	Hitchcock	Apr.	15	1954	6202*
Ground Water	A. H. Williams	Trenton	Williams Well	Irrig.	31	3	32	Hitchcock	Apr.	15	1954	6205*
Ground Water	Reiher and Reiher	Red Cloud	Reiher Well No. 1	Irrig.	9	1	11	Webster	Apr.	29	1954	6248*
Ground Water	Reiher and Reiher	Red Cloud	Reiher Well No. 2	Irrig.	8	1	11	Webster	Apr.	29	1954	6249*
Ground Water	Edna Roberts	Champion	Roberts Well	Irrig.	21	6	39	Chase	Apr.	29	1954	6259*
Ground Water	Russell Enquist	Holdrege	Enquist Well	Irrig.	30	6	17	Phelps	Apr.	29	1954	6260*
Ground Water	Leon Kimberling	Champion	Kimberling Well	Irrig.	25	6	40	Chase	May	14	1954	6294*
Ground Water	Robert H. Rebman	Alma	Rebman Well No. 1	Irrig.	14	1	17	Harlan	May	14	1954	6295*
Ground Water	J. P. Allen, Jr.	Oxford	Allen Well	Irrig.	1	3	21	Furnas	May	14	1954	6296*
Ground Water	Grover C. Battin	Alma	Battin Well	Irrig.	34	3	18	Harlan	May	14	1954	6306*
Ground Water	Emanuel W. Bauerle	Champion	Bauerle Well	Irrig.	34	6	39	Chase	May	14	1954	6308*
Ground Water	Otto Schmidt Estate	Culbertson	Schmidt Well	Irrig.	1	4	32	Hitchcock	May	14	1954	6311*
Ground Water	J. Roy Deeter	Lexington	Deeter Well	Irrig.	36	6	16	Kearney	May	27	1954	6323*
Ground Water	Clyde Matson	Trenton	Matson Well	Irrig.	33	3	32	Hitchcock	May	27	1954	6324*
Ground Water	Minnie Mae Laverne	Bertrand	Laverne Well	Irrig.	19	6	21	Gosper	June	24	1954	6373*
Ground Water	James F. Swanson	Holdrege	Swanson Well	Irrig.	1	5	18	Phelps	June	24	1954	6382*
Ground Water	Ray H. Bunger	Upland	Bunger Well	Irrig.	23	4	14	Franklin	June	24	1954	6390*
Ground Water	Marcus F. Einspahr	Beaver City	Einspahr Well	Irrig.	10	1	22	Furnas	June	24	1954	6392*
Ground Water	Leon A. Sprague	Red Cloud	Sprague Well	Irrig.	11	1	11	Webster	July	20	1954	6467*
Ground Water	Lyle A. Robertson	Elsie	Robertson Well	Irrig.	1	8	37	Chase	July	20	1954	6472*
Ground Water	First Trust Co.	Lincoln	First Trust Co. Well	Irrig.	12	1	11	Webster	July	31	1954	6535*
Ground Water	A. F. Meeske	Champion	Meeske Well	Irrig.	15	5	39	Chase	July	31	1954	6538*
Ground Water	Marlin Garner	Haigler	Garner Well	Irrig.	6	2	41	Dundy	July	31	1954	6542*
Ground Water	Emil Kiolbasa	Grant	Kiolbasa Well	Irrig.	17	10	39	Perkins	July	31	1954	6543*
Ground Water	Charles C. Blackburn	Wilcox	Blackburn Well	Irrig.	5	4	17	Harlan	Aug.	14	1954	6595*
Ground Water	Robert L. Johnston	Holdrege	Johnston Well	Irrig.	10	4	18	Harlan	Aug.	14	1954	6603*
Ground Water	Tom M. Thompson	Minden	Thompson Well	Irrig.	4	5	14	Kearney	Aug.	14	1954	6619*
Ground Water	Iva Goddard	Champion	Goddard Well	Irrig.	15	6	40	Chase	Aug.	27	1954	6649*

*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Arvid Peterson	Minden	Peterson Well	Irrig.		30	6	15	Kearney	Aug.	27	1954		6660*
Ground Water	Robert H. Perry	Holdrege	Perry Well	Irrig.		19	5	18	Phelps	Aug.	27	1954		6662*
Ground Water	Walter Kleier	Kenesaw	Kleier Well	Irrig.		13	8	12	Adams	Aug.	27	1954		6663*
Ground Water	Merle Dart	Enders	Dart Well	Irrig.		30	6	37	Chase	Sept.	28	1954		6700*
Ground Water	Rolly R. Haines	Benkelman	Haines Well	Irrig.		12	2	38	Dundy	Sept.	28	1954		6706*
Ground Water	John T. Stecker	Trenton	Stecker Well	Irrig.		4	2	32	Hitchcock	Sept.	28	1954		6707*
Ground Water	Merle R. Hunt	Beaver City	Hunt Well	Irrig.		7	2	21	Furnas	Sept.	28	1954		6714*
Ground Water	Rubens P. Ridgway	Curtis	Ridgway Well	Irrig.		27	8	28	Frontier	Sept.	28	1954		6716*
Ground Water	Adam J. Schnuerle, Jr.	Bloomington	Schnuerle Well	Irrig.		22	3	16	Franklin	Sept.	28	1954		6719*
Ground Water	Carl O. Soneson	Holdrege	Soneson Well	Irrig.		10	5	17	Phelps	Sept.	28	1954		6726*
Ground Water	K. C. Kilpatrick	Champion	Kilpatrick Well	Irrig.		20	6	39	Chase	Sept.	28	1954		6728*
Ground Water	Mamie S. Klooz	Stratton	Klooz Well	Irrig.		31	2	35	Hitchcock	Sept.	28	1954		6733*
Ground Water	Archie L. Singleterry	Loomis	Singleterry Well	Irrig.		23	6	19	Phelps	Sept.	28	1954		6735*
Ground Water	Albert Bauerle	Champion	Bauerle Well	Irrig.		20	5	39	Chase	Sept.	28	1954		6737*
Ground Water	Elmer J. Cook	Culbertson	Cook Well	Irrig.		25	4	33	Hitchcock	Sept.	30	1954		6745*
Harlan County Res. See Enders Reservoir, et al.	United States Bureau of Reclamation	Denver	See canals under Enders Reservoir, et al.	Supp. I.										6225-a et al.
Hicks Creek	Leonard O. Griffeth	Red Cloud	Pump	Irrig.	.30	9	1	10	Webster	Apr.	5	1954		6163
Hoffmeister Res.	George Hoffmeister	Imperial	Hoffmeister Canal	Stor-only		30	6	38	Chase	Mar.	13	1936		2575
Horse Creek	Wesley A. Wheeler	Parks	Horse Creek Canal	Irrig.	1.86	23	1	39	Dundy	Aug.	31	1885	159 173	
Howey Creek	Wilbur Cline	Riverton	Pump	Irrig.	.84	18	1	13	Franklin	Nov.	18	1953		5732

‡Indian Creek	Clyde A. Brown	Max	Pump	Irrig.	.83	23	2	36	Dundy	Aug.	23	1944		3758
Indian Creek	Elbert E. Daniels Estate	Max	Pump	Irrig.	.47	23	2	36	Dundy	Oct.	14	1947		4127
Indian Creek	Chas. Loren Humphreys	Max	Pump	Irrig.	.81	17	2	36	Dundy	Apr.	18	1951		4845
Indian Creek	Clyde A. Brown	Max	Pump	Irrig.	1.05	23	2	36	Dundy	Sept.	24	1952		5032
Indian Creek	W. A. Foster	Max	Pump	Irrig.	2.77	23	2	36	Dundy	Feb.	6	1953		5147
‡Indian Creek	Edna Sutton	Laverne, Cal.	Pump	Irrig.	2.21	21	2	11	Webster	Jan.	9	1926		1791
Indian Creek	B. J. Tupper	Red Cloud	Pump	Irrig.	3.87	20	2	11	Webster	Jan.	19	1926		1792
Indian Creek, Springs, Trib. to	Ernest L. Heinrich	Red Cloud	Pump	Irrig.	.26	17	2	11	Webster	Aug.	24	1953		5497
James Reservoir	Mrs. N. O. Betts	Franklin	James Canal	Supp. I.	A-2521	28	2	15	Franklin	Sept.	28	1935		2719
James Reservoir	Mrs. M. E. Betts	Franklin	James Canal	Stor-only		28	2	15	Franklin	Sept.	28	1935		3318
Kara Lake Res.	Hugh L. Anderson	Benkelman	Kara Canal	Stor-only		20	1	39	Dundy	Oct.	31	1931		2480
Kilpatrick Res.	Kilpatrick Brothers Co.	Beatrice	Kilpatrick Res. Canal	Supp. I.	D-47	30	6	39	Chase	June	22	1911		1160
Lhoff Creek	Wilbur Cline	Riverton	Pump	Irrig.	2.73	19	1	13	Franklin	May	13	1953		5316
Lueking Reservoir	Henry Lueking	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	Martha Reed	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	16	9	30	Lincoln	June	15	1931		2210
Medicine Creek	W. E. Towne	Maywood	Pump	Irrig.	.59	26	8	29	Frontier	Feb.	6	1940		3088

*Application not approved, or claim not adjudicated.
†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.
‡Indian Creek in Dundy County and Indian Creek in Webster County are separate streams.
Supp. I. Storage water in addition to direct flow appropriation.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Medicine Creek	Mrs. C. H. Compton	Cambridge	Pump	Irrig.	.67	24	5	26	Frontier	May	14	1940		3158
Medicine Creek	Luther I. Keith	Orafino	Pumps	Irrig.	.70	34	6	26	Frontier	June	4	1940		3173
						2	5	26	Frontier	June	4	1940		3173
Medicine Creek	W. E. Towne	Maywood	Pump	Irrig.	.15	26	8	29	Frontier	July	11	1940		3197
Medicine Creek	J. G. Buker	Stockville	Pump	Irrig.	.59	18	6	26	Frontier	Oct.	8	1940		3285
Medicine Creek	Guy S. Buker	Stockville	Pump	Irrig.	.33	12	6	27	Frontier	Oct.	9	1940		3287
Medicine Creek	Albert Schmelzer	Maywood	Pump	Irrig.	.62	8	8	29	Frontier	Oct.	31	1940		3315
Medicine Creek	Mrs. C. H. Compton	Cambridge	Pump	Irrig.	.64	24	5	26	Frontier	Dec.	10	1940		3350
Medicine Creek	George A. Mousel	Cambridge	Pump	Irrig.	1.56	31	5	25	Frontier	Apr.	5	1943		3604
Medicine Creek	H. L. Mousel	Cambridge	Pumps	Irrig.	.18	1	4	26	Red Willow	Apr.	20	1943		3608
Medicine Creek	Robert Mousel, Jr.	Cambridge	Pumps	Irrig.	.80	25	5	26	Frontier	June	4	1943		3614
Medicine Creek	Ernest L. Harding	Cambridge	Pumps	Irrig.	.38	7	4	25	Furnas	Aug.	21	1943		3632
Medicine Creek	Walter T. Babcock	Long Beach	Pump	Irrig.	.18	18	4	25	Furnas	Mar.	22	1944		3701
Medicine Creek	Jay D. Buker	Curtis	Pumps	Irrig.	1.03	7	7	27	Frontier	May	19	1945		3835
Medicine Creek	United States Bureau of Reclamation	Denver	Harry Strunk (Medicine Creek) Reservoir	Storage	†40,000AF	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	Orie O. Pursel	Curtis	Pump	Irrig.	1.17	1	7	28	Frontier	Nov.	13	1948		4364
Medicine Creek	Mrs. Beulah Sanders	Denver	Pump	Irrig.	.40	35	10	31	Lincoln	Jan.	4	1949		4414
Medicine Creek	Guy Heilman	Cambridge	Pump	Irrig.	.30	29	4	25	Furnas	Feb.	5	1949		4427
Medicine Creek	J. A. Brandt	Cambridge	Pump	Irrig.	.52	12	4	26	Red Willow	Nov.	1	1949		4529
Medicine Creek	Harold Mousel	Cambridge	Pump	Irrig.	.39	17	4	25	Furnas	Feb.	16	1950		4600
Medicine Creek	John C. Brown	Cambridge	Pump	Irrig.	.28	1	4	26	Red Willow	Mar.	2	1950		4613
Medicine Creek	Julius J. Hasenauer	Wellfleet	Pump	Irrig.	.61	35	10	31	Lincoln	May	5	1952		4965
Medicine Creek	Donald J. Coder	Wellfleet	Pump	Irrig.	.61	23	9	30	Lincoln	Nov.	28	1952		5087
Medicine Creek	William F. Gaedke	Wellfleet	Pump	Irrig.	.39	27	10	31	Lincoln	July	27	1953		5422
Medicine Creek	Henry L. Mousel	Cambridge	Pump	Irrig.	.51	6	4	24	Furnas	Sept.	11	1953		5560
Medicine Creek	R. C. Schleeman	Curtis	Pump	Irrig.	.30	32	8	28	Frontier	Oct.	6	1953		5629

Medicine Creek	John Harbert	Stockville	Pump	Irrig.	1.43	21	7	27	Frontier	Nov.	6	1953	5707
Medicine Creek	Oscar A. Amstuz	Bartley	Pump	Irrig.	.40	3	6	27	Frontier	Jan.	11	1954	5856
Medicine Creek	Esther M. Miller	Wellfleet	Pump	Irrig.	.86	8	9	30	Lincoln	Jan.	12	1954	5863
Medicine Creek	Earl Watkins	Holdrege	Pump	Irrig.	.95	27	7	27	Frontier	Feb.	15	1954	5960
Medicine Creek	E. E. Nelson	Curtis	Pump	Irrig.		17	7	27	Frontier	Mar.	1	1954	6008
Medicine Creek	H. L. Da Moude	Wellfleet	Pump	Irrig.	.43	19	9	29	Lincoln	Mar.	10	1954	6048
Medicine Creek	Guy B. Jones	Cambridge	Pump	Irrig.	.18	20	4	25	Furnas	Mar.	20	1954	6082
Medicine Creek	W. V. Gorley	Curtis	Pump	Irrig.	.71	35	8	28	Frontier	Mar.	30	1954	6108
Medicine Creek	R. P. Ridgway	Curtis	Pump	Irrig.	.43	27	8	28	Frontier	Apr.	27	1954	6243
Medicine Creek	Oscar A. Amstuz	Bartley	Pump	Irrig.	.31	3	6	27	Frontier	June	23	1954	6371
Medicine Creek	T. J. Minnick, et al	Cambridge	Pump	Irrig.	1.75	19	4	25	Furnas	July	10	1954	6417
Medicine Creek	D. C. Ballantine	Curtis	Pump	Irrig.		7	7	27	Frontier	July	16	1954	6428
Medicine Creek	D. O. Nelson	Curtis	Pump	Irrig.	.41	34	8	28	Frontier	Aug.	3	1954	6557
Medicine Creek	Leo D. Thompson	Stockville	Pump	Irrig.		3	6	27	Frontier	Aug.	3	1954	6560
Medicine Creek	L. C. Richardson	Cambridge	Pump	Irrig.		18	4	25	Furnas	Aug.	10	1954	6576
Medicine Creek	Elmer E. Davis	Maywood	Pump	Irrig.		22	8	29	Frontier	Aug.	11	1954	6582
Medicine Cr. Res. See Strunk Res.													
Milrose Creek	R. L. Keester Estate	Alma	Pump	Irrig.	.35	9	2	19	Harlan	Dec.	10	1940	3348
Milrose Creek	Robert H. Kerr	Alma	Pump	Irrig.	.74	8	2	19	Harlan	June	14	1943	3621
‡Muddy Creek	Larson and Larson	Arapahoe	Pump	Irrig.	3.53	17	4	23	Furnas	Feb.	9	1927	1898
Muddy Creek	Herman C. Monter	Arapahoe	Pump	Irrig.	.29	15	4	23	Furnas	Oct.	13	1928	2042
Muddy Creek	Kenneth L. Tridle	Arapahoe	Pump	Irrig.	1.26	16	4	23	Furnas	Feb.	4	1944	3679
Muddy Creek	Victor E. Larson	Arapahoe	Pump	Irrig.	.24	17	4	23	Furnas	Mar.	13	1953	5204
Muddy Creek	E. W. Stillman	Arapahoe	Pumps	Irrig.	.20	24	5	24	Gosper	Apr.	16	1953	5268
						19	5	23	Gosper	Apr.	16	1953	5268
Muddy Creek	Robert H. Haussler	Arapahoe	Pump	Irrig.	.09	7	4	23	Furnas	Apr.	14	1954	6181
‡Muddy Creek	Estella G. Tracy	Max	Pump	Irrig.	1.19	2	2	36	Dundy	Nov.	20	1940	3335
Muddy Creek	L. F. Nichols	Wauneta	Pump	Irrig.	.41	20	3	36	Dundy	Feb.	14	1949	4435

†Reservoir capacity alleged by applicant.
‡Muddy Creek in Furnas and Gosper Counties same stream. Muddy Creek in Dundy County and Muddy Creek in Hitchcock 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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Muddy Creek	L. F. Nichols	Wauneta	Pump	Irrig.	.21	21	3	36	Dundy	Oct.	8	1949		4521
Muddy Creek	Leo C. Foster	Stratton	Pump	Irrig.	.29	28	3	36	Dundy	Mar.	31	1953		5228
Muddy Creek	Leo C. Foster	Stratton	Pump	Irrig.	.32	28	3	36	Dundy	Nov.	17	1953		5731
‡Muddy Creek	Floyd W. Rath	Stamford	Pump	Irrig.	.59	5	2	35	Hitchcock	Apr.	29	1950		4659
Muddy Creek	Herman F. Andrijeski	Stratton	Pump	Irrig.	.40	9	2	35	Hitchcock	June	29	1950		4715
Muddy Creek	Donald W. Randall, et al	Stratton	Pump	Irrig.	1.16	10	2	35	Hitchcock	Nov.	19	1952		5077
Muddy Creek	John Randall	Stratton	Pump	Irrig.	.71	11	2	35	Hitchcock	Dec.	4	1952		5096
Muddy Creek	Thomas D. Rife	Stratton	Pump	Irrig.	1.23	10	2	35	Hitchcock	Feb.	25	1953		5184
Muddy Creek	Henry Pollman, Jr.	Stratton	Pump	Irrig.	2.13	4	2	35	Hitchcock	Aug.	28	1953		5514
Muddy Creek, North Branch	Herman F. Andrijeski	Stratton	Pump	Irrig.	.80	4	2	35	Hitchcock	July	15	1950		4725
Ohmstede Res.	Chris Ohmstede	Guide Rock	Ohmstede Canal	Stor-only		17	1	9	Webster	Aug.	31	1946		3952
Paine Reservoir	Clyde S. Paine	Edison	Paine Canal	Stor-only		21	4	22	Furnas	Apr.	18	1940		3478
Prairie Dog Cr.	C. A. Feese	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.	Lew Seyler	Alma	Pump	Irrig.	.50	33	1	18	Harlan	Sept.	13	1937		2786
Prairie Dog Cr.	Fred Kauk	Alma	Pump	Irrig.	.29	32	1	18	Harlan	Aug.	7	1939		2948
Prairie Dog Cr.	Clarence B. Wolf, et al	Alma	Pumps	Irrig.	.44	31	1	18	Harlan	Nov.	6	1939		3010
Prairie Dog Cr.	John R. Lethem	Republican City	Pumps	Irrig.	.33	24	1	18	Harlan	Dec.	12	1939		3046
Prairie Dog Cr.	Wm. Kauk	Alma	Pump	Irrig.	.19	28	1	18	Harlan	Jan.	19	1940		3078
Prairie Dog Cr.	Earl D. Stone	Republican City	Pumps	Irrig.	.58	23	1	18	Harlan	Mar.	4	1940		3103
Prairie Dog Cr.	Mayma Thompson	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.	Glenn Miller	Woodruff, Kan.	Pump	Irrig.	.93	35	1	19	Harlan	Oct.	11	1940		3292

Prairie Dog Cr.	James S. Stone	Alma	Pump	Irrig.	.40	33	1	18	Harlan	Nov.	20	1940	3334
Prairie Dog Cr.	Louise King, et al	Kearney	Pump	Irrig.	.84	19	1	17	Harlan	Mar.	6	1941	3411
Prairie Dog Cr.	Glenn Miller	Woodruff, Kan.	Pump	Irrig.	.23	35	1	19	Harlan	Feb.	11	1949	4484
Prairie Dog Cr.	Mrs. Allen Peschel	Alma	Pump	Irrig.	.58	31	1	18	Harlan	Sept.	16	1949	4514
Prairie Dog Cr., Tributary to Prairie Dog Cr., Ravine, Trib. to	Fred Kauk	Alma	Pump	Irrig.	.22	29	1	18	Harlan	Dec.	12	1939	3047
	Clarence and Dean Wolf	Alma	Wolf Reservoir No. 1	Storage	†101 AF	31	1	18	Harlan	Mar.	22	1952	4951
Red Willow Cr.	Hugh L. Meyers	McCook	Pump	Irrig.	.93	8	3	28	Red Willow	Dec.	5	1910	1042
Red Willow Cr.	Elmer Fitzgerald	Hayes Center	Pump	Irrig.	.57	21	8	32	Hayes	July	27	1934	2447
Red Willow Cr.	Wm. Bortner	St. Ann	Pump	Irrig.	.57	28	5	30	Frontier	July	21	1939	2938
Red Willow Cr.	Chas. Walker	St. Ann	Pump	Irrig.	.81	9	6	31	Hayes	Dec.	6	1939	3037
Red Willow Cr.	Merritt W. Quick	McCook	Pump	Irrig.	.76	31	5	29	Frontier	Jan.	22	1940	3082
Red Willow Cr.	Wm. Bortner	St. Ann	Pump	Irrig.	.18	21	5	30	Frontier	Mar.	12	1940	3114
Red Willow Cr.	Vernon Kolbet	Hayes Center	Pump	Irrig.	.23	27	6	31	Hayes	Mar.	28	1940	3124
Red Willow Cr.	H. E. Little	Culbertson	Pump	Irrig.	.42	2	5	31	Hayes	Sept.	20	1941	3508
Red Willow Cr.	Hugh E. Little	Culbertson	Pump	Irrig.	.26	2	5	31	Hayes	Apr.	30	1943	3609
Red Willow Cr.	Hugh L. Meyers	McCook	Pump	Irrig.	.48	8	3	28	Red Willow	July	12	1943	3623
Red Willow Cr.	George Beebe	Culbertson	Pump	Irrig.	.59	35	6	31	Hayes	Aug.	16	1943	3631
Red Willow Cr.	United States Bureau of Reclamation	McCook	Red Willow Reservoir	Storage		5	4	29	Red Willow	July	11	1951	4885*
Red Willow Cr.	William Koetter	McCook	Pump	Irrig.	1.18	6	4	29	Red Willow	Dec.	17	1952	5113
Red Willow Cr.	Robert I. Allen	McCook	Pump	Irrig.	.84	31	4	28	Red Willow	Apr.	6	1953	5247
Red Willow Cr.	Charles N. Kolbet	Hayes Center	Pump	Irrig.	.53	26	6	31	Hayes	Apr.	17	1953	5269
Red Willow Cr.	C. D. Doyle	McCook	Pumps	Irrig.	1.12	6	4	29	Red Willow	July	10	1953	5379
Red Willow Cr.	Robert Larington	McCook	Pump	Irrig.	1.12	15	4	29	Red Willow	Aug.	3	1953	5440
Red Willow Cr.	Wm. Bortner and Son	McCook	Pumps	Irrig.	.64	23	4	29	Red Willow	Aug.	29	1953	5518
Red Willow Cr.	Francis R. Broz	Hayes Center	Pump	Irrig.	.81	27	6	31	Hayes	Oct.	13	1953	5638
Red Willow Cr.	Henry O. Schneider	McCook	Pump	Irrig.	.64	12	5	31	Hayes	Oct.	13	1953	5642
Red Willow Cr.	James L. Bortner	Culbertson	Pump	Irrig.	.96	18	5	30	Frontier	Nov.	2	1953	5699

‡Muddy Creek in Furnas and Gosper Counties same stream. Muddy Creek in Dundy County and Muddy Creek in Hitchcock County are separate streams. Stor-only. Land does not have a direct flow appropriation.
†Reservoir capacity alleged by applicant.
*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Red Willow Cr.	J. E. Floyd	Hayes Center	Pump	Irrig.		20	8	32	Hayes	Jan.	16	1954		5872
Red Willow Cr.	Clyde H. Bortner	St. Ann	Pumps	Irrig.	1.72	20	5	30	Frontier	Feb.	3	1954		5927
Red Willow Cr.	William Bortner	McCook	Pumps	Irrig.	.67	23	4	29	Red Willow	Feb.	13	1954		5955
Red Willow Cr.	Vernon Kolbet	Hayes Center	Pumps	Irrig.	.28	26	6	31	Hayes	Mar.	16	1954		6065
Red Willow Cr.	J. E. Floyd	Hayes Center	Pump	Irrig.		17	8	32	Hayes	Mar.	20	1954		6081
Red Willow Cr.	Bruce Doyle	Hayes Center	Pump	Irrig.	1.01	8	8	32	Hayes	Apr.	13	1954		6174
Red Willow Cr.	Frenchman-Cambridge Irrig. Dist.	Edison	McCook Canal	Irrig.		25	4	29	Red Willow	Apr.	16	1954		6215*
Red Willow Cr.	Frenchman-Cambridge Irrig. Dist.	Edison	Red Willow Canal	Irrig.		25	4	29	Red Willow	Apr.	16	1954		6216*
Red Willow Cr.	Lester Wolfe	St. Ann	Pump	Irrig.	1.00	20	5	30	Frontier	Apr.	19	1954		6231
Red Willow Cr.	Leigh Fitzgerald	Hayes Center	Pumps	Irrig.	2.66	27	8	32	Hayes	May	7	1954		6283
Red Willow Cr.	William A. Clifford	McCook	Pump	Irrig.		24	7	32	Hayes	May	26	1954		6321
Red Willow Cr.	Lowell Ruggles	McCook	Pump	Irrig.	2.48	16	3	28	Red Willow	June	1	1954		6354
Red Willow Cr.	William A. Clifford	McCook	Pump	Irrig.		11	7	32	Hayes	June	5	1954		6357
Red Willow Cr.	Mintling and Mintling	Hayes Center	Pump	Irrig.	1.13	14	7	32	Hayes	June	16	1954		6364
Red Willow Cr.	Edward S. Mackey	McCook	Pump	Irrig.		36	4	29	Red Willow	July	22	1954		6483
Red Willow Cr.	A. L. Lashley	Curtis	Pump	Irrig.		35	5	30	Frontier	July	27	1954		6499
Red Willow Cr.	F. Forest Felker	Hayes Center	Pump	Irrig.		22	6	31	Hayes	Aug.	11	1954		6581
Red Willow Cr.	James P. McKillip	Hayes Center	Pump	Irrig.		22	6	31	Hayes	Aug.	16	1954		6626
Republican River	Consumers P. P. Dist.	Columbus	Guthrie Canal	Power	400.00	34	1	7	Nuckolls	Sept.	1	1877	1036	
Republican River	E. S. Kirtland	Orleans	Orleans Mill	Power		27	2	19	Harlan				1043*	
Republican River	Pioneer Irrig. Co.	Haigler	Haigler Canal	Irrig.	24.39	2	1	43	Yuma, Colo.	Apr.	4	1890	1025	
Republican River	Lewis E. Crews	Longmont, Colo.	Crews Canal	Irrig.	2.61	21	1	41	Dundy	Apr.	4	1890	1025R	
Republican River	Pioneer Irrig. District	Haigler	Haigler Canal	Irrig.	‡35.00	2	1	43	Yuma, Colo.	Apr.	4	1890	1025	

Republican River	Pioneer Irrig. District	Yuma, Colo.	Haigler Canal	Irrig.	‡15.00	2	1	43	Yuma, Colo.	Apr.	4	1890	1025	
Republican River	United States Bureau of Reclamation	McCook	Meeker Canal	Irrig.	41.86	15	3	31	Hitchcock	Dec.	22	1890	4-9 8-7	
Republican River	Delaware-Hickman Ditch Company	Benkelman	Delaware-Hickman Canal	Irrig.	20.00	17	1	37	Dundy	Jan.	7	1895	157	
Republican River	Wesley A. Wheeler	Parks	Parks Canal	Irrig.	16.00	20	1	39	Dundy	June	18	1912		1202
Republican River	Wesley A. Wheeler	Parks	Parks Canal	Irrig.	2.00	20	1	39	Dundy	Dec.	31	1915		1444
Republican River	Wesley A. Wheeler	Parks	Parks Canal	Irrig.	1.14	20	1	39	Dundy	Sept.	5	1919		1555
Republican River	L. E. Crews	Longmont, Colo.	Crews Canal No. 2	Irrig.	2.59	20	1	41	Dundy	Mar.	29	1923		1709
Republican River	Mrs. Geo. Fischbach	Orleans	Pump	Irrig.	1.58	33	2	19	Harlan	Aug.	27	1925		1778
Republican River	L. E. Stevenson Estate	Alma	Pump	Irrig.	6.34	5	1	13	Harlan	Sept.	30	1925		1781
Republican River	K. G. Haeker	Alma	Pump	Irrig.	4.60	35	2	19	Harlan	Mar.	2	1926		1798
Republican River	Dorsey Worden	Superior	Pump	Irrig.	1.04	32	1	6	Nuckolls	Sept.	23	1926		1862
Republican River	Runck and Murdoch	Orleans	Pumps	Irrig.	3.29	22	3	20	Harlan	Sept.	18	1928		2029
Republican River	J. Warren Keifer, Jr.	Bostwick	Keifer Canal No. 1	Irrig.	9.83	21	1	8	Nuckolls	Sept.	22	1930		2167
Republican River	B. C. Mendell	Superior	Mendell Canal	Irrig.	2.61	35	1	7	Nuckolls	Sept.	7	1932		2283
Republican River	Mrs. Geo. Fischbach	Orleans	Pump	Irrig.		33	2	19	Harlan	Feb.	15	1933		2304
Republican River	F. L. Arneson	Red Cloud	Pumps	Irrig.	.23	5	1	12	Webster	Apr.	17	1933		2318
Republican River	John Best	Oxford	Pump	Irrig.	2.50	36	4	22	Furnas	Nov.	9	1934		2492
Republican River	Marshall Fisher	Edison	Pump	Irrig.	.32	36	4	22	Furnas	June	23	1936		2583
Republican River	Bostwick Irrig. District	Red Cloud	Republican River Canal No. 1	Irrig.		11	1	17	Harlan	Feb.	1	1937		2691a*
Republican River	Bostwick Irrig. District	Red Cloud	Republican River Canal No. 2	Irrig.		5	1	13	Franklin	Feb.	1	1937		2691b*
Republican River	Bostwick Irrig. District	Red Cloud	Republican River Canal No. 3	Irrig.		8	1	9	Webster	Feb.	1	1937		2691c*
Republican River	Bostwick Irrig. District	Red Cloud	Republican City Res.	Storage		14	1	17	Harlan	Feb.	1	1937		2692*
Republican River	Alfred E. Lang	Indianola	Pump	Irrig.	.42	14	3	27	Red Willow	Feb.	16	1937		2698
Republican River	J. A. French	Edison	Pump	Irrig.	.39	6	3	21	Furnas	Feb.	25	1937		2703
Republican River	Donald Andrews	Cambridge	Pump	Irrig.	.56	29	4	24	Furnas	Apr.	29	1938		2867
Republican River	Kiehl and Zimmerman	Guide Rock	Pump	Irrig.	.26	9	1	9	Webster	May	2	1939		2919

*Application not approved, or claim not adjudicated.
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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Republican River	B. C. Mendell	Superior	Mendell Canal	Irrig.	.07	35	1	7	Nuckolls	July	13	1939		2934
Republican River	Mabel E. Uplinger	Kearney	Uplinger Canal	Irrig.	.75	11	1	17	Harlan	Nov.	15	1939		3019
Republican River	Dunn and Chambers	Inavale	Pump	Irrig.	.36	1	1	16	Franklin	Jan.	19	1940		3079
Republican River	Kahrs and Lieneman	Franklin	Pump	Irrig.	.78	7	1	15	Franklin	Jan.	22	1940		3081
Republican River	Morris G. Martin, et al	Hastings	Pump	Irrig.	.18	8	1	11	Webster	Mar.	13	1940		3116
Republican River	George Houchin	Red Cloud	Pump	Irrig.	.07	15	1	9	Webster	Apr.	5	1940		3131
Republican River	Charles Howell	Bloomington	Pump	Irrig.	.75	10	1	16	Franklin	Apr.	15	1940		3134
Republican River	Noah G. Reisher	Benkelman	Pump	Irrig.	1.21	30	1	38	Dundy	July	29	1940		3221
Republican River	Ernst Meyer	Superior	Pump	Irrig.	.87	35	1	7	Nuckolls	Aug.	26	1940		3240
Republican River	Edgar R. Amack	Red Cloud	Pump	Irrig.	.19	7	1	10	Webster	Aug.	28	1940		3244
Republican River	Jessica C. Auld	Palo Alto	Pump	Irrig.	1.36	9	1	11	Webster	Aug.	31	1940		3248
Republican River	Floyd R. Butler	Superior	Pump	Irrig.	.59	34	1	7	Nuckolls	Sept.	3	1940		3252
Republican River	Ernest E. Tietze, et al	Fremont	Pumps	Irrig.	.73	28	4	24	Furnas	Oct.	16	1940		3298
Republican River	W. J. Bach	Riverton	Pump No. 1	Irrig.	.47	3	1	14	Franklin	Jan.	22	1941		3375
Republican River	Mrs. Theo. Bach	Riverton	Pump No. 1	Irrig.	.90	3	1	14	Franklin	Feb.	6	1941		3384
Republican River	Alfred E. Lang	Indianola	Pump	Irrig.	.87	14	3	27	Red Willow	Feb.	24	1941		3401
Republican River	Howard McCann	Edison	Pump	Irrig.	.84	35	4	22	Furnas	May	2	1941		3438
Republican River	Floyd R. Butler	Superior	Pump	Irrig.	.03	34	1	7	Nuckolls	May	9	1941		3443
Republican River	Oswin Keifer	Bostwick	Keifer Canal No. 1	Irrig.	2.08	21	1	8	Nuckolls	Jan.	27	1942		3547
Republican River	F. L. Arneson	Red Cloud	Valley Grove Canal	Irrig.	.25	5	1	12	Webster	Mar.	11	1942		3558
Republican River	Wendell Olson	Orleans	Pump	Irrig.	1.00	36	3	20	Harlan	Aug.	5	1943		3629
Republican River	North Republican Irrigation District	McCook	Lower Haigler Canal	Irrig.		21	1	40	Dundy	Jan.	22	1946		3868b*
Republican River	North Republican Irrigation District	McCook	Benkelman Canal	Irrig.		24	1	38	Dundy	Jan.	22	1946		3868e*
Republican River	Frenchman-Cambridge Irrigation District	McCook	Meeker Canal	Irrig.		15	3	31	Hitchcock	Apr.	3	1946		3869b

Republican River	Frenchman-Cambridge Irrigation District	McCook	North Red Willow Canal	Irrig.		16	3	28	Red Willow	Apr.	3	1946	3869c
Republican River	Frenchman-Cambridge Irrigation District	McCook	South Red Willow Canal	Irrig.		16	3	28	Red Willow	Apr.	3	1946	3869d
Republican River	Frenchman-Cambridge Irrigation District	McCook	Cambridge-Oxford-Orleans Canal	Irrig.		27	4	25	Furnas	Apr.	3	1946	3869e
Republican River	Frenchman-Cambridge Irrigation District	McCook	Meeker Canal	Irrig.		15	3	31	Hitchcock	Apr.	3	1946	3887c
Republican River	Ben E. Peterson	Orleans	Pump	Irrig.	.25	1	2	20	Harlan	Mar.	3	1947	4042
Republican River	H. Leslie Myers	Superior	Pump	Irrig.	.81	34	1	7	Nuckolls	Apr.	11	1947	4066
Republican River	Ohmstede-Zimmerman	Guide Rock	Pump	Irrig.	.36	10	1	9	Webster	June	13	1947	4080
Republican River	Ideal Cement Company	Superior	Pump	Mfg.	11.50	27	1	7	Nuckolls	Sept.	10	1947	4109
Republican River	Marvin W. Jackson	Naponee	Pump	Irrig.	.74	11	1	16	Franklin	Nov.	5	1947	4140
Republican River	Walter Crozier	Guide Rock	Pump	Irrig.	.15	15	1	9	Webster	Nov.	14	1947	4143
Republican River	United States Bureau of Reclamation	Denver	Harlan County Reservoir	Storage	†350,000 AF	2	1	17	Harlan	Jan.	26	1948	4190
Republican River	Lyle A. Harris	Denver	Pump	Irrig.	1.02	10	1	10	Webster	Feb.	7	1948	4205
Republican River	Bostwick Irrig. District	Red Cloud	Franklin Canal	Irrig.		11	1	17	Harlan	Feb.	26	1948	4216
Republican River	Bostwick Irrig. District	Red Cloud	Naponee Canal	Irrig.		14	1	17	Harlan	Feb.	26	1948	4217
Republican River	Bostwick Irrig. District	Red Cloud	Red Cloud Pump Canal No. 1	Irrig.		7	1	12	Webster	Feb.	26	1948	4218*
Republican River	Bostwick Irrig. District	Red Cloud	Red Cloud Pump Canal No. 2	Irrig.		2	1	12	Webster	Feb.	26	1948	4219*
Republican River	Bostwick Irrig. District	Red Cloud	Red Cloud Pump Canal No. 3	Irrig.		8	1	11	Webster	Feb.	26	1948	4220*
Republican River	Bostwick Irrig. District	Red Cloud	Superior Canal	Irrig.		7	1	9	Webster	Feb.	26	1948	4221
Republican River	Bostwick Irrig. District	Red Cloud	Courtland Canal	Irrig.		7	1	9	Webster	Feb.	26	1948	4222
Republican River	Bostwick Irrig. District	Red Cloud	Franklin Pump Canal	Irrig.		5	1	14	Franklin	Feb.	28	1948	4227
Republican River	Elsie M. Schnuerle	Naponee	Pump	Irrig.	1.00	16	1	16	Franklin	Apr.	26	1948	4250

*Application not approved.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Republican River	John Sindt	Republican City	Pump	Irrig.	3.27	12	1	18	Harlan	Sept.	16	1948		4343
Republican River	Albert E. Wiedel	Orleans	Pump	Irrig.	1.94	19	2	19	Harlan	Nov.	30	1948		4387
Republican River	Francis Hergott	Orleans	Pump	Irrig.	.81	18	2	19	Harlan	Jan.	13	1949		4421
Republican River	Thompson and Johnston	Guide Rock	Pump	Irrig.	2.14	18	1	8	Nuckolls	Apr.	14	1949		4463
Republican River	Magnus Fries	Benkelman	Pump	Irrig.	2.40	28	1	38	Dundy	Oct.	13	1949		4522
Republican River	Fred G. Amman, et al	Bloomington	Pump	Irrig.	.26	8	1	15	Franklin	Feb.	9	1950		4590
Republican River	Jessie D. McComb	San Francisco	Pump	Irrig.	.89	12	1	16	Franklin	July	7	1950		4719
Republican River	Laura Cantrell	Bloomington	Pump	Irrig.	.11	8	1	15	Franklin	Sept.	1	1950		4743
Republican River	Lyle A. Harris	Denver	Pump	Irrig.	1.76	8	1	9	Webster	Oct.	9	1950		4753
Republican River	Magnus Fries	Benkelman	Pump	Irrig.	.26	28	1	38	Dundy	Oct.	16	1950		4756
Republican River	Harry W. Blank	Franklin	Pump	Irrig.	.47	6	1	14	Franklin	Dec.	23	1950		4782
Republican River	Stanley McCoy	Arapahoe	Pump	Irrig.	.77	33	4	23	Furnas	Apr.	13	1951		4842
Republican River	United States Bureau of Reclamation	McCook	Swanson Lake Reservoir	Storage	†122,800 AF	5-8	2	33	Hitchcock	July	11	1951		4884
Republican River	Francis Hergott	Orleans	Pump	Irrig.	.67	18	2	19	Harlan	Dec.	31	1951		4924
Republican River	Verlin Harris	Red Cloud	Pump	Irrig.	1.34	4	1	10	Webster	Sept.	26	1952		5038
Republican River	Marie Holz	Guide Rock	Pumps	Irrig.	.37	9	9	1	Webster	Jan.	30	1953		5138
Republican River	E. C. Randel and Son	McCook	Pump	Irrig.	2.34	33	3	29	Red Willow	Feb.	25	1953		5183
Republican River	Charles D. Gardner	Bloomington	Pump	Irrig.	1.18	8	1	15	Franklin	June	25	1953		5363
Republican River	Clifford Crook	Inavale	Pump	Irrig.	.76	7	1	12	Webster	July	18	1953		5395
Republican River	J. W. Auld	Red Cloud	Pump	Irrig.	.33	9	1	9	Webster	July	21	1953		5404
Republican River	A. E. Harris Estate	Denver, Colo.	Pump	Irrig.	.56	10	1	10	Webster	July	23	1953		5406
Republican River	J. E. Bright	Red Cloud	Pump	Irrig.	.44	11	1	10	Webster	July	29	1953		5426
Republican River	Arthur E. Townsend	Naponee	Pump	Irrig.	.44	8	1	15	Franklin	July	30	1953		5429
Republican River	Vernon D. Harris	Red Cloud	Pump	Irrig.	1.78	10	1	10	Webster	Aug.	3	1953		5439
Republican River	Carl Simpson	Red Cloud	Pump	Irrig.	1.50	10	1	11	Webster	Aug.	10	1953		5454
Republican River	Olen L. Wolfe	Franklin	Pump	Irrig.	1.14	2	1	15	Franklin	Aug.	10	1953		5456

Republican River	William E. Ward	Superior	Pump	Irrig.		28	1	7	Nuckolls	Aug.	12	1953	5468*
Republican River	Thomas Hayes	Franklin	Pump	Irrig.	.40	2	1	15	Franklin	Aug.	18	1953	5482
Republican River	Everett Coon	Red Cloud	Pumps	Irrig.	.74	6	1	10	Webster	Aug.	22	1953	5495
Republican River	Harold Clements	Riverton	Pumps	Irrig.	1.46	3	1	13	Franklin	Aug.	27	1953	5511
Republican River	O. H. Scheuneman	Franklin	Pump	Irrig.	.42	2	1	15	Franklin	Oct.	5	1953	5626
Republican River	Mrs. Emil Roehm	Holdrege	Pump	Irrig.	1.13	8	1	15	Franklin	Oct.	6	1953	5627
Republican River	Claud Overleese, et al	Riverton	Pump	Irrig.	.94	5	1	13	Franklin	Oct.	20	1953	5658
Republican River	F. S. Frisbie	Red Cloud	Pump	Irrig.	.46	13	1	9	Webster	Oct.	27	1953	5674
Republican River	Helen McNeny Sprague	Red Cloud	Pumps	Irrig.	1.53	3	1	12	Webster	Oct.	27	1953	5675
Republican River	Helen McNeny Sprague	Red Cloud	Pump	Irrig.	.19	2	1	12	Webster	Oct.	27	1953	5676
Republican River	First Trust Co., Trustee, Nelle McNeny Est.	Lincoln	Pump	Irrig.	1.30	12	1	11	Webster	Oct.	27	1953	5677
Republican River	Erwin ten Bensel	Cambridge	Pump	Irrig.	.55	28	4	25	Furnas	Dec.	3	1953	5767
Republican River	J. W. Auld	Red Cloud	Pump	Irrig.	.52	9	1	9	Webster	Dec.	4	1953	5771
Republican River	Ralph Detlefsen	Franklin	Pump	Irrig.	.46	11	1	15	Franklin	Dec.	7	1953	5773
Republican River	Delmer B. Hersh	Inavale	Pump	Irrig.	.58	3	1	12	Webster	Jan.	4	1954	5842
Republican River	Fred Arnold	Inavale	Pump	Irrig.		8	1	12	Webster	Jan.	19	1954	5882
Republican River	Leonard O. Griffith	Red Cloud	Pump	Irrig.		9	1	10	Webster	Jan.	27	1954	5904
Republican River	H. L. Lueking	Oxford	Pump	Irrig.		34	4	22	Furnas	Apr.	8	1954	6166
Republican River	North Republican Irrigation District	McCook	Lower Haigler Canal	Irrig.		21	1	40	Dundy	Apr.	16	1954	6210*
Republican River	North Republican Irrigation District	McCook	Benkelman Canal	Irrig.		24	1	38	Dundy	Apr.	16	1954	6211*
Republican River	North Republican Irrigation District	McCook	Benkelman So. Side Canal	Irrig.		17	1	37	Dundy	Apr.	16	1954	6212*
Republican River	Frenchman-Cambridge Irrigation District	Edison	Meeker-Driftwood Canal	Irrig.		8	2	33	Hitchcock	Apr.	16	1954	6213*
Republican River	Frenchman-Cambridge Irrigation District	Edison	Bartley Canal	Irrig.		17	3	27	Red Willow	Apr.	16	1954	6217*
Republican River	Frenchman-Cambridge Irrigation District	Edison	Cambridge Canal	Irrig.		27	4	25	Furnas	Apr.	16	1954	6218*

†Reservoir capacity alleged by applicant.
*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Republican River	Frenchman-Cambridge Irrigation District	Edison	Holbrook Canal	Irrig.		27	4	25	Furnas	Apr.	16	1954		6219*
Republican River	Bostwick Irrig. District	Red Cloud	Naponee Canal	Irrig.		11	1	17	Harlan	Apr.	16	1954		6220*
Republican River	Bostwick Irrig. District	Red Cloud	Franklin Canal	Irrig.		11	1	17	Harlan	Apr.	16	1954		6221*
Republican River	Bostwick Irrig. District	Red Cloud	Franklin Pump Canal	Irrig.		3	1	14	Franklin	Apr.	16	1954		6222*
Republican River	Bostwick Irrig. District	Red Cloud	Superior Canal	Irrig.		7	1	9	Webster	Apr.	16	1954		6223*
Republican River	Bostwick Irrig. District	Red Cloud	Courtland Canal	Irrig.		7	1	9	Webster	Apr.	16	1954		6224*
Republican River	Malcolm Lambrecht	Inavale	Pump	Irrig.	.33	2	1	12	Webster	Apr.	17	1954		6227
Republican River	Dunn and Sharp	Bloomington	Pumps	Irrig.	.42	6	1	15	Franklin	Apr.	27	1954		6244
Republican River	Mrs. Ray L. Hunter	Superior	Pump	Irrig.		14	1	9	Webster	May	7	1954		6282
Republican River	William Sindt	Franklin	Pump	Irrig.	.67	4	1	14	Franklin	June	15	1954		6363
Republican River	Hines Ranch	Benkelman	Pump	Irrig.		22	1	40	Dundy	July	16	1954		6427
Republican River	Pearl E. McCartney	Denver, Colo.	Pump	Irrig.		12	1	13	Franklin	July	28	1954		6504
Republican River	Max Fritz	Loveland, Colo.	Pump	Irrig.		17	3	27	Red Willow	July	30	1954		6519
Republican River	James Claud Gates	Inavale	Pump	Irrig.	1.00	4	1	12	Webster	July	30	1954		6522
Republican River	Thomas Sayer	Cambridge	Pump	Irrig.		27	4	25	Furnas	Aug.	20	1954		6630
Republican River	M. B. Hoylman Estate	Naponee	Pump	Irrig.		5	1	16	Franklin	Sept.	21	1954		6693
Republican River	Erwin ten Bensel	Cambridge	Pump	Irrig.	.07	28	4	25	Furnas	Sept.	25	1954		6695
Republican River	Amman and Henderson	Bloomington	Pump	Irrig.		10	1	15	Franklin	Sept.	29	1954		6739
Republican River, Trib. to	Robert Rebman	Alma	Pump	Irrig.	.19	29	2	18	Harlan	Oct.	31	1951		4916
Republican River, Ravine, Trib. to	H. L. Lueking	Oxford	Lueking Reservoir	Storage	†284 AF	3	3	22	Furnas	Feb.	28	1940		3098
Republican River, Ravine, Trib. to	Clyde S. Paine	Edison	Paine Reservoir	Storage	†420 AF	21	4	22	Furnas	Apr.	18	1940		3138
Republican River, Ravine, Trib. to	Clark Crow	Oxford	Crow Reservoir	Storage	†99 AF	19	3	20	Harlan	Nov.	20	1940		3333
Republican River, Ravine, Trib. to	Gezena M. Broeker	Arapahoe	Broeker Reservoir	Storage	†122 AF	4	3	22	Furnas	Dec.	10	1940		3349

Republican River, Ravine, Trib. to	Robert Haeker	Orleans	Haeker Reservoir	Storage	†105 AF	2	1	19	Harlan	Aug.	30	1946			3950
Republican River, Ravine, Trib. to	Chris Ohmstede	Guide Rock	Ohmstede Reservoir	Storage	†236 AF	17	1	9	Webster	Aug.	31	1946			3951
Republican River, Ravine, Trib. to	Luise Eleanor Wolfe	Red Cloud	Gilham Reservoir	Storage	†100 AF	31	2	10	Webster	Nov.	4	1946			4001
Republican River, North Fork	North Republican Irrigation District	McCook	Upper Haigler Canal	Irrig.		13	1	42	Dundy	Jan.	22	1946			3868a*
Republican River, South Fork	J. A. McDonald	Benkelman	McDonald Canal	Irrig.	.79	36	1	38	Dundy	Nov.	13	1901			644
Rock Creek	Hugh L. Anderson	Benkelman	Phelan Canal	Irrig.	1.86	17	1	39	Dundy	Dec.	31	1883	188		
Rock Creek	Hugh L. Anderson	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*
Rock Creek	United States Bureau of Reclamation	McCook	Parks Reservoir	Storage		17	1	39	Dundy	July	11	1951			4883a*
Rope Creek	Fred E. Bortfeld	Orleans	Pump	Irrig.	.32	25	2	19	Harlan	Dec.	19	1940			3357
Rope Creek	Mrs. Minnie Bash	Alma	Pump	Irrig.	.12	7	2	18	Harlan	Sept.	16	1953			5575
Rope Creek	Harold Simmons	Orleans	Pump	Irrig.	.50	24	2	19	Harlan	Oct.	28	1953			5680
Sacramento Creek	Martin E. Davidson	Holdrege	Pump	Irrig.	.50	12	5	18	Phelps	June	12	1937			2753
Sappa Creek	Geo. W. Zulauf	Stamford	Stamford Mill	Power		21	2	20	Harlan				997*		
Sappa Creek	A. L. Flodine	Stamford	Pump	Irrig.	.94	19	2	20	Harlan	Sept.	9	1926			1855
Sappa Creek	Edward E. Johnson	Hastings	Pump	Irrig.	1.09	24	2	20	Harlan	May	23	1934			2385
Sappa Creek (See Beaver Cr.)	Beaver-Sappa Public Power and Irrig. Dist.	Cambridge	South Sappa Canal	Irrig.		18	1	22	Furnas	Dec.	14	1936			2671b*
			North Sappa Canal	Irrig.		18	1	22	Furnas	Dec.	14	1936			2671b*

*Application not approved, or claim not adjudicated.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Sappa Creek (See Beaver Cr.)	Beaver-Sappa Public Power and Irrig. Dist.	Cambridge	Spring Green Lake Reservoir	Storage		19	1	22	Furnas	Dec.	14	1936		2672b*
Sappa Creek	E. F. Caffrey	Omaha	Pump	Irrig.	.76	22	2	20	Harlan	Aug.	1	1939		2945
Sappa Creek	John C. Lubeck	Stamford	Pump	Irrig.	.46	23	2	20	Harlan	Aug.	14	1939		2951
Sappa Creek	Horace Collins	Beaver City	Pump	Irrig.	.25	30	1	23	Furnas	Feb.	17	1940		3091
Sappa Creek	Albin Gerd Estate	Stamford	Pump	Irrig.	.13	35	2	21	Furnas	Feb.	26	1940		3095
Sappa Creek	Floyd T. Brown	Stamford	Pump	Irrig.	.35	9	1	21	Furnas	Mar.	6	1940		3109
Sappa Creek	Otto Smith	Stamford	Pump	Irrig.	.60	19	2	20	Harlan	May	4	1940		3148
Sappa Creek	Maud T. Burt	Holdrege	Pump	Irrig.	1.22	34	2	21	Furnas	Sept.	21	1940		3271
Sappa Creek	Bert D. Blickenstaff	Stamford	Pump	Irrig.	1.03	21	2	20	Harlan	Nov.	5	1940		3324
Sappa Creek	Floyd A. Lane	Stamford	Pump	Irrig.	.58	25	2	21	Furnas	Feb.	10	1942		3550
Sappa Creek	J. A. McCarty	Beaver City	Pump	Irrig.	.28	10	1	22	Furnas	May	4	1942		3564
Sappa Creek	Mrs. Guy Stevenson	Norton, Kan.	Pump	Irrig.	.06	36	1	24	Furnas	Dec.	23	1943		3667
Sappa Creek	Clarence L. Dake	Orleans	Pump	Irrig.	.85	24	2	20	Harlan	July	5	1944		3742
Sappa Creek	Everett Schluntz	Stamford	Pump	Irrig.	.55	35	2	21	Furnas	Aug.	23	1945		3582
Sappa Creek	H. A. Cox	Beaver City	Pump	Irrig.	.16	12	1	22	Furnas	Sept.	11	1946		3957
Sappa Creek	Forrest Flodine	Stamford	Pump	Irrig.	.23	7	1	21	Furnas	July	23	1948		4310
Sappa Creek	Everett Schluntz	Stamford	Pump No. 2	Irrig.	.39	35	2	21	Furnas	Oct.	27	1948		4354
Sappa Creek	Geo. E. Johnson	Stamford	Pump	Irrig.	1.77	25	2	21	Furnas	Nov.	3	1948		4356
Sappa Creek	Maud T. Burt	Holdrege	Burt Canal No. 2	Irrig.	.77	34	2	21	Furnas	Nov.	26	1948		4376
Sappa Creek	Frank Pape	Orleans	Pump	Irrig.	1.41	29	2	19	Harlan	Feb.	17	1949		4436
Sappa Creek	Enos T. Skiles	Wilsonville	Pump	Irrig.	1.08	30	1	23	Furnas	Dec.	12	1949		4550
Sappa Creek	Forrest Tubridy	Orleans	Pump	Irrig.	.75	30	2	19	Harlan	July	8	1950		4721
Sappa Creek	C. L. Gillette	Beaver City	Pump	Irrig.	1.57	29	1	23	Furnas	Jan.	8	1952		4929
Sappa Creek	Byron Miller	Orleans	Pump	Irrig.	.57	24	2	20	Harlan	July	30	1952		5000
Sappa Creek	Forrest Flodine	Stamford	Pump	Irrig.	.34	7	1	21	Furnas	Sept.	3	1952		5020
Sappa Creek	Halbert W. Miller	Alma	Pump No. 1	Irrig.	.64	22	2	20	Harlan	Feb.	18	1953		5173
Sappa Creek	Eugene Clason	Beaver City	Pump	Irrig.	.42	12	1	22	Furnas	Aug.	29	1953		5519

Sappa Creek	Leland Williams	Stamford	Pump No. 1	Irrig.	.76	20	2	20	Harlan	Feb.	4	1954		5933
Sappa Creek	Porter and Porter	Orleans	Pump	Irrig.	1.10	13	1	22	Furnas	Mar.	31	1954		6156
Sappa Creek	W. J. Nissen	Oxford	Pump	Irrig.		7	1	21	Furnas	May	4	1954		6278
Sappa Creek	Golden G. Zike	Edison	Pump	Irrig.	.38	36	1	24	Furnas	June	2	1954		6355
Sappa Creek	Wilbur Thomas	Beaver City	Pump	Irrig.		17	1	22	Furnas	July	2	1954		6402
Sappa Creek, Ravine, Trib. to	Clarence Gerd	Stamford	Gerd Reservoir	Storage	†54 AF	34	2	21	Furnas	Feb.	29	1940		3099
Sappa Creek, Ravine, Trib. to	Floyd T. Brown	Stamford	Brown Reservoir	Storage	†46 AF	4	1	21	Furnas	Apr.	29	1941		3433
Sappa Creek, Ravine, Trib. to	Edna Feese	Hastings	Feese Reservoir	Storage	†17 AF	30	2	20	Harlan	Sept.	9	1941		3497
Saul Reservoir	William L. Saul	Superior	Pump	Stor-only		33	1	6	Nuckolls	Aug.	23	1951		4957
School Creek	Carl O. Broeker	Orleans	Pump	Irrig.	.17	24	3	20	Harlan	Sept.	3	1952		5021
‡Spring Creek	Twin Lakes Company	Benkelman	Twin Lakes	Resort	†7 AF	34	2	38	Dundy	Apr.	16	1930		2133
‡Spring Creek	Wm. A. Baney	Benkelman	Pump	Irrig.	1.97	27	2	38	Dundy	Dec.	19	1952		5116
Spring Creek	Harry W. White	Benkelman	Pumps	Irrig.	.40	13	1	38	Dundy	June	7	1954		6358
						19	1	37	Dundy	June	7	1954		6358
Spring Creek	Leo D. Thompson	Stockville	Pump	Irrig.		3	6	27	Frontier	Aug.	3	1954		6559
‡Spring Creek	Harold Brown	Holdrege	Pump	Irrig.	.45	15	3	20	Harlan	June	9	1943		3617
Spring Creek	A. H. and W. J. Nissen	Oxford	Pump	Irrig.	.40	21	3	20	Harlan	Aug.	9	1943		3630
‡Spring Creek	Albert Sindt	Naponee	Spring Creek Canal	Irrig.	.27	17	2	16	Franklin	Jan.	14	1939		2906
Stinking Water Creek	Kilpatrick Brothers Co.	Beatrice	Chase County L. and L. 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	Glen Maddux	Wauneta	Pump	Irrig.		34	7	37	Chase	Sept.	24	1894	65R	

*Application not approved.
†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.
‡Spring Creeks in Dundy, Frontier, Harlan and Franklin Counties are separate streams.
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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Stinking Water Creek	Kilpatrick Brothers Co.	Beatrice	Chase County L. and L. Stock Canal No. 6	Irrig.	2.00	13	7	38	Chase	Jan.	28	1895	76	
Stinking Water Creek	Kilpatrick Brothers Co.	Beatrice	Chase County L. and L. Stock Canal No. 5	Irrig.	1.50	14	7	38	Chase	Jan.	29	1895	77	
Stinking Water Creek	Kilpatrick Brothers Co.	Beatrice	Chase County L. and L. Stock Canal No. 3	Irrig.	1.71	14	7	38	Chase	Jan.	29	1895	78	
Stinking Water Creek	Kilpatrick Brothers Co.	Beatrice	Chase County L. and L. Stock Canal No. 4	Irrig.	.91	14	7	38	Chase	June	27	1895		56
Stinking Water Creek	Kilpatrick Brothers Co.	Beatrice	Chase County L. and L. Stock Canal No. 1	Irrig.	.70	4	7	38	Chase	June	27	1895		57
Stinking Water Creek	Gale Malone	Palisade	Pump	Irrig.	.95	15	5	34	Hayes	Oct.	5	1939		2981
Stinking Water Creek	Gale Malone	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	Ruth E. Ashmore Estate	Lincoln	Pump	Irrig.	1.60	25	5	34	Hayes	Mar.	8	1950		4615
Stinking Water Creek	Ray Kitt	Wauneta	Pumps	Irrig.	2.17	25	5	34	Hayes	July	22	1952		4994
Stinking Water Creek	Everett Large	Wauneta	Pumps	Irrig.	2.21	26	6	35	Hayes	Aug.	27	1953		5508
Stinking Water Creek	Arthur J. Neuman	Wauneta	Pump	Irrig.	.75	27	6	35	Hayes	Aug.	31	1953		5521
Stinking Water Creek	W. E. Cannady	Madrid	Pump	Irrig.	1.73	8	5	34	Hayes	Oct.	3	1953		5622
Stinking Water Creek	Forest Hanna	Wauneta	Pump	Irrig.	1.02	21	6	35	Hayes	Nov.	9	1953		5712

Stinking Water Creek	Gerald Wine	Enders	Pumps	Irrig.		1.55	36	7	37	Chase	Feb.	15	1954	5959
Stinking Water Creek	R. L. Gloy	Wauneta	Pump	Irrig.		1.10	34	8	36	Chase	Mar.	24	1954	6086
Stinking Water Creek	George Whitman	Elsie	Pump	Irrig.		1.83	8	8	36	Chase	Apr.	19	1954	6232
Stinking Water Creek	Floyd Peak	North Platte	Pump	Irrig.		2.03	6	8	36	Chase	May	19	1954	6315
Stinking Water Creek	Walter E. Ruettimann	Hamlet	Pumps	Irrig.		1.28	1	5	35	Hayes	May	24	1954	6319
							6	5	34	Hayes	May	24	1954	6319
Stinking Water Creek	Floyd Lovett	Wauneta	Pump	Irrig.		3.17	11	7	36	Chase	July	7	1954	6411
Stinking Water Creek	Glen J. Maddux	Wauneta	Pump	Irrig.			24	7	36	Chase	Aug.	10	1954	6577
Stinking Water Creek	Glen J. Maddux	Wauneta	Pump	Irrig.			35	7	37	Chase	Aug.	20	1954	6629
Strunk (Medicine Creek) Reservoir	United States Bureau of Reclamation	McCook	Courtland Canal	Supp. I.	A-2691c	7	1	9		Webster	May	1	1946	4886*
Strunk (Medicine Creek) Reservoir	United States Bureau of Reclamation	McCook	Courtland Canal	Supp. I.	A-4222	7	1	9		Webster	May	1	1946	4887*
Strunk (Medicine Creek) Reservoir	United States Bureau of Reclamation	McCook	Cambridge Canal	Supp. I.	A-3869e	27	4	25		Furnas	May	1	1946	4888*
Strunk (Medicine Creek) Reservoir See Enders Reservoir et al.	United States Bureau of Reclamation	McCook	See canals under Enders Reservoir, et al.	Supp. I.										6225-a et al.
Swanson Lake, See Enders Reservoir, et al.	United States Bureau of Reclamation	McCook	See canals under Enders Reservoir, et al.	Supp. I.										6225-a et al.

*Application not approved.
Supp. I. Storage water in addition to direct flow.
†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Thompson Creek	J. and O. Ziegler	Riverton	Pump	Irrig.	.73	27	2	13	Franklin	Jan.	16	1935		2505
Thompson Creek	C. F. Eshelman	Riverton	Pump	Irrig.	.11	10	2	13	Franklin	July	24	1953		5408
Thompson Creek	Frederick Kolb	Franklin	Pump	Irrig.	.06	22	2	13	Franklin	Aug.	6	1953		5448
Thompson Creek	Albert Poush	Riverton	Pump	Irrig.	.41	22	2	13	Franklin	Sept.	10	1953		5555
Thompson Creek, East Branch	W. J. Tupper	Riverton	Pump	Irrig.	.15	3	2	13	Franklin	July	21	1947		4086
Thompson Creek, Trib. to	Leonard T. Yelkin	Riverton	Pump	Irrig.	.35	4	2	13	Franklin	July	21	1953		5403
‡Turkey Creek	Carl Leising	Oxford	Carpenter Canal	Irrig.	.71	30	4	21	Furnas	Sept.	18	1926		1861
Turkey Creek	John W. E. Watson Est.	Oxford	Pump	Irrig.	2.80	31	4	21	Furnas	Nov.	30	1926		1876
Turkey Creek	Claude Rhynalds	Oxford	Pump	Irrig.	1.18	5	3	21	Furnas	May	30	1927		1934
Turkey Creek	J. H. Wengert	Oxford	Pump	Irrig.	.94	4	3	21	Furnas	July	9	1927		1938
Turkey Creek	Fred H. Blincow	Oxford	Pump	Irrig.	.92	3	3	21	Furnas	Sept.	28	1941		3510
Turkey Creek	John Best	Oxford	Pump	Irrig.	.05	13	4	22	Furnas	Mar.	16	1951		4822
Turkey Creek	John C. Dillin	Edison	Pump	Irrig.	.45	13	4	22	Furnas	Nov.	28	1952		5090
Turkey Creek	Paul Trenchard	Edison	Pump	Irrig.	.43	2	4	22	Furnas	Apr.	6	1954		6164
Turkey Creek	John Best	Oxford	Pump	Irrig.		13	4	22	Furnas	June	18	1954		6367
‡Turkey Creek	Wilt and Polly	Naponee	Wilt and Polly Canal	Power		4	1	16	Franklin	Dec.	31	1874	188*	
Turkey Creek	Walter A. Post	Naponee	Pump	Irrig.	1.90	8	1	16	Franklin	May	27	1927		1933
Turkey Creek	Walter A. Post	Naponee	Pump	Irrig.	.79	8	1	16	Franklin	Aug.	21	1936		2621
Turkey Creek	Walter A. Post	Naponee	Pump	Irrig.	1.11	8	1	16	Franklin	Aug.	21	1936		2622
Turkey Creek	Karl Sindt	Naponee	Pump No. 1	Irrig.	.26	19	2	16	Franklin	Dec.	20	1939		3063
Turkey Creek	Staque Ray	Naponee	Pump	Irrig.	.33	4	1	16	Franklin	July	25	1940		3216
Turkey Creek	Wayne Kinsey	Naponee	Pump	Irrig.	.13	20	2	16	Franklin	Nov.	15	1948		4365
Turkey Creek	Staque Ray	Naponee	Pump	Irrig.	.08	4	1	16	Franklin	May	28	1949		4475
Turkey Creek	Albert C. Bauerle	Alma	Pump	Irrig.	.68	29	2	16	Franklin	Mar.	2	1951		4815

Valley Home Cr.	Miller and Anderson	Superior	Lunt Reservoir	Storage	†100 AF	28	1	6	Nuckolls	Nov.	19	1930		2176
Valley Home Cr.	William L. Saul	Superior	Saul Reservoir	Storage	†8 AF	33	1	6	Nuckolls	Aug.	9	1951		4897
Van Cleave Res.	Furnas County Commissioners	Beaver City	Furnas County Canal	Stor-only		7	2	22	Furnas	May	31	1945		3885
Vining Creek	Mrs. N. O. Betts	Franklin	James Canal	Irrig.	.21	28	2	15	Franklin	Feb.	28	1935		2521
Vining Creek	Mrs. N. O. Betts	Franklin	James Reservoir	Storage	†22 AF	28	2	15	Franklin	Sept.	28	1935		2559
Vining Creek	Mrs. N. O. Betts	Franklin	James Reservoir	Storage	†13 AF	28	2	15	Franklin	June	25	1946		3920
Wasp Creek	Herman F. Hadan	Franklin	Pump	Irrig.	.10	28	2	14	Franklin	Apr.	6	1953		5244
Worthman Creek, Ravine, Trib. to	Wm. Sindt	Riverton	Sindt Reservoir	Storage	†115 AF	14	1	14	Franklin	Oct.	30	1944		3780

‡Turkey Creek in Furnas County and Turkey Creek in Franklin County are separate streams.
*Claim not adjudicated.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Babcock Creek	Louis D. Likens	Fairbury	Pump	Irrig.	.34	25	2	2E	Jefferson	Aug.	18	1934		2466
Blue River, Little	Consumers P. P. Dist.	Columbus	Oak Mill Race	Power		16	3	5	Nuckolls				991*	
Blue River, Little	Game, Forestation and Parks Commission	Lincoln	Crystal Reservoir	Storage	†82 AF	27	6	10	Adams	Aug.	17	1912		1219
Blue River, Little	Geo. Lyon, Jr.	Nelson	Lyon Plant	Power	150.00	29	4	6	Nuckolls	Apr.	26	1915		1410
Blue River, Little	Geo. Lyon, Jr.	Nelson	Lyon Plant	Irrig.	4.00	18	4	6	Nuckolls	Apr.	26	1915		1411
Blue River, Little	Consumers P. P. Dist.	Columbus	Meyer Plant	Power	150.00	16	3	5	Nuckolls	July	27	1916		1467
Blue River, Little	Bozarth and Carter	Hebron	Hebron Plant	Power	216.00	9	2	2	Thayer	Mar.	31	1919		1538
Blue River, Little	J. T. Campbell	Hebron	Blue Valley Plant	Power	200.00	3	2	1	Thayer	May	28	1919		1542
Blue River, Little	Game, Forestation and Parks Commission	Lincoln	Larkins Canal	Power	1.50	27	6	10	Adams	Nov.	29	1920		1594
Blue River, Little	Chas. M. Hurlburt Estate	Fairbury	Hurlburt Canal	Irrig.	.20	22	2	2E	Jefferson	Aug.	7	1922		1685
Blue River, Little	R. B. Steele	Fairbury	Sand-Mining Project	Mfg.		22	2	2E	Jefferson	Aug.	16	1926		1847*
Blue River, Little	A. V. Blocker	Roseland	Pump	Irrig.	.08	9	5	11	Adams	Nov.	1	1926		1869
Blue River, Little	Alois Vap	Ludell, Kan.	Pump	Irrig.	.81	31	5	7	Clay	Dec.	8	1926		1878
Blue River, Little	I. S. Gaudreault	Hastings	Pump	Irrig.	.39	26	6	10	Adams	Feb.	22	1927		1903
Blue River, Little	Felix G. Anderson	Ayr	Pump	Irrig.	1.01	28	6	10	Adams	Feb.	23	1927		1904
Blue River, Little	C. J. Hubbell	Fairfield	Logan Canal	Irrig.	1.88	33	5	7	Clay	Mar.	7	1927		1907
Blue River, Little	Ernest J. Hinrichs	Ayr	Pump	Irrig.	.80	13	5	11	Adams	Mar.	8	1927		1909
Blue River, Little	City of Fairbury	Fairbury	Fairbury Plant	Mfg.	16.70	15	2	2E	Jefferson	Oct.	22	1927		1963
Blue River, Little	Theodore Bergt	Davenport	Pump	Irrig.	1.50	22	3	4	Thayer	Apr.	17	1930		2134
Blue River, Little	K. M. J. Dutton Estate Harry G. Schardt	Oak Park, Ill. Hebron	Pumps	Irrig.	5.24	29	3	3	Thayer	Aug.	4	1930		2152
Blue River, Little	E. H. Jones	Fairbury	Pump	Irrig.	1.74	26	2	2E	Jefferson	Sept.	4	1930		2165
Blue River, Little	Heinrich and Heinrich	Davenport	Pump	Irrig.	2.23	20	3	4	Thayer	Feb.	24	1931		2193
Blue River, Little	George H. Hinrichs	Davenport	Pump	Irrig.	5.00	26	3	4	Thayer	Mar.	10	1931		2194
Blue River, Little	Harry K. Sanford	Ayr	Pump	Irrig.	.28	4	5	10	Adams	Sept.	22	1931		2238
Blue River, Little	H. H. Heiler Estate	Hastings	Pump	Irrig.	.46	27	6	10	Adams	Sept.	30	1931		2241

Blue River, Little	Albert Zweifel Estate	Fairbury	Pump	Irrig.	.25	9	2	2E	Jefferson	July	25	1932		2277
Blue River, Little	Geo. H. Paus	Fairfield	Pump	Irrig.	.22	16	5	8	Clay	May	15	1933		2321
Blue River, Little	Cornelius R. Peters Est.	Angus	Pump	Irrig.	.71	27	4	6	Nuckolls	May	31	1934		2389
Blue River, Little	John L. Scroggin	Oak	Pump	Irrig.	1.31	1	3	6	Nuckolls	June	2	1934		2394
Blue River, Little	John H. Davis	Fairfield	Pump	Irrig.	.66	15	5	8	Clay	June	5	1934		2399
Blue River, Little	Wm. Stokebrand	De Witt	Pump	Irrig.	.84	5	2	1	Thayer	Aug.	1	1934		2451
Blue River, Little	Mrs. Hester Johnston	Oak	Pump	Irrig.	1.14	8	3	5	Nuckolls	Aug.	13	1934		2460
Blue River, Little	I. Kasparek	Fairbury	Pump	Irrig.	.54	6	1	3E	Jefferson	Nov.	3	1934		2491
Blue River, Little	Clarence E. Rice	Odell	Pump	Irrig.	.46	36	2	2E	Jefferson	Feb.	1	1935		2511
Blue River, Little	C. E. Rice	Odell	Pump	Irrig.	.54	24	3	1E	Jefferson	Feb.	20	1935		2517
Blue River, Little	Lindgren and Bartlett	Edgar	Pumps	Irrig.	.21	19	4	6	Nuckolls	Aug.	7	1935		2553
Blue River, Little	Corliss and Corliss	Hebron	Pump	Irrig.	.93	9	2	2	Thayer	Jan.	25	1937		2682
Blue River, Little	Flora E. Rife	Deweese	Pump No. 1	Irrig.	.04	32	5	7	Clay	Jan.	30	1937		2689
Blue River, Little	James R. Hill	Deweese	Pump	Irrig.	.33	32	5	7	Clay	Mar.	26	1937		2723
Blue River, Little	Klen R. Sherman, et al	Pauline	Pump No. 2	Irrig.	.51	32	6	9	Adams	May	28	1937		2749
Blue River, Little	F. W. McKenzie	Hebron	Pump	Irrig.	.30	36	3	3	Thayer	Nov.	2	1937		2799
Blue River, Little	Clarence E. Rice	Odell	Powell Reservoir	Storage	†74 AF	24	3	1E	Jefferson	May	10	1940		3153
Blue River, Little	Jay Goble	Ayr	Pump	Irrig.	.20	26	6	10	Adams	July	16	1940		3203
Blue River, Little	Clyde W. Lehman	Milford	Pump	Irrig.	.29	18	4	6	Nuckolls	Aug.	31	1940		3247
Blue River, Little	Mrs. Guy B. Cassell	Steele City	Pump	Irrig.	.14	13	1	3E	Jefferson	Apr.	16	1941		3428
Blue River, Little	John L. Scroggin, et al	Oak	Pump	Irrig.	.40	15	3	5	Nuckolls	Oct.	22	1941		3522
Blue River, Little	John L. Scroggin, et al	Oak	Pump No. 2	Irrig.	2.14	7	3	5	Nuckolls	Oct.	27	1941		3524
Blue River, Little	John L. Scroggin, et al	Oak	Pump No. 3	Irrig.	2.51	17	3	5	Nuckolls	Sept.	1	1942		3585
Blue River, Little	Ralph Harrington Estate	Hastings	Pump	Irrig.	.15	4	5	10	Adams	Jan.	15	1944		3673
Blue River, Little	George Hinrichs	Davenport	Pump	Irrig.		26	3	4	Thayer	Aug.	8	1946		3943*
Blue River, Little	Carl Mefford	Ayr	Pump	Irrig.	.28	30	6	9	Adams	Sept.	6	1946		3953
Blue River, Little	I. D. Gartrell	Clay Center	Pump	Irrig.	.30	34	5	7	Clay	Sept.	21	1946		3966
Blue River, Little	A. C. Jones	Nora	Pump	Irrig.	.89	12	4	7	Nuckolls	Jan.	29	1947		4028
Blue River, Little	Thos. A. Culligan	Alexandria	Pump	Irrig.	.52	24	3	1	Thayer	Feb.	26	1948		4215
Blue River, Little	Edw. J. Lipovsky	Fairfield	Pump	Irrig.	1.09	23	5	8	Clay	June	23	1948		4296
Blue River, Little	Otto Lillich	Deshler	Pump	Irrig.	.22	30	3	4	Thayer	Apr.	18	1949		4465

*Claim not adjudicated, or application not approved.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Blue River, Little	Alexander Bednar	Fairfield	Pump	Irrig.	.61	26	5	8	Clay	May	24	1949		4474
Blue River, Little	J. R. Kenner	Hebron	Pump	Irrig.	.48	9	2	2	Thayer	Feb.	8	1950		4589
Blue River, Little	Chester E. Anderson	Pauline	Pump	Irrig.	.65	11	5	9	Adams	Mar.	4	1950		4614
Blue River, Little	Gordon Watts	Edgar	Pump	Irrig.	.60	11	4	7	Nuckolls	Apr.	6	1950		4634
Blue River, Little	Clarence Bauder	Hastings	Pump	Irrig.	.19	9	5	9	Adams	Apr.	8	1950		4637
Blue River, Little	Clarence W. Bauder	Hastings	Pump	Irrig.	.27	9	5	9	Adams	Aug.	8	1950		4733
Blue River, Little	Mrs. Roy O. Brown, et al	Hastings	Pump	Irrig.	.83	27	6	10	Adams	Sept.	8	1951		4906
Blue River, Little	Donald A. Watts	Fairfield	Pump	Irrig.	.47	25	5	8	Clay	June	6	1952		4973
Blue River, Little	Adelena A. Bauer	Oak	Pump	Irrig.	.47	23	3	5	Nuckolls	Nov.	19	1952		5078
Blue River, Little	G. S. Barbee	Hebron	Pump	Irrig.	.06	6	2	2	Thayer	Nov.	29	1952		5091
Blue River, Little	Mark Bergt	Davenport	Pump	Irrig.	.64	24	3	4	Thayer	Nov.	29	1952		5092
Blue River, Little	H. B. Boyden	Fairbury	Pump	Irrig.	2.60	16	2	2E	Jefferson	Dec.	6	1952		5099
Blue River, Little	John Buller	Hebron	Pump	Irrig.	.63	9	2	2	Thayer	Apr.	7	1953		5248
Blue River, Little	Clarence E. Larson	Ayr	Pump	Irrig.	.33	12	5	11	Adams	Apr.	29	1953		5295
Blue River, Little	A. L. Bexten	Hastings	Pump	Irrig.	.69	31	6	9	Adams	June	2	1953		5340
Blue River, Little	Luther Goding, Jr.	Glenvil	Pump	Irrig.	.23	9	5	9	Adams	June	23	1953		5361
Blue River, Little	Clyde H. Weyenberg	Glenvil	Pump	Irrig.	.36	7	5	8	Clay	July	20	1953		5396
Blue River, Little	Edward Fintel	Deshler	Pump	Irrig.	.93	28	3	3	Thayer	Aug.	10	1953		5453
Blue River, Little	Dale Brader	Glenvil	Pump	Irrig.	.27	4	5	9	Adams	Aug.	17	1953		5480
Blue River, Little	R. M. Weblemoe Co.	Fairbury	Weblemoe Pipe Line	Mfg.	.90	9	2	2E	Jefferson	Sept.	11	1953		5562
Blue River, Little	Donald D. Hagemeyer	Pauline	Pump	Irrig.	.62	32	6	9	Adams	Sept.	15	1953		5569
Blue River, Little	De Loss G. Stroemer	Endicott	Pump	Irrig.	.94	31	1	4E	Jefferson	Sept.	18	1953		5582
Blue River, Little	Alvin G. Paus	Glenvil	Pump	Irrig.	.68	17	5	8	Clay	Sept.	22	1953		5589
Blue River, Little	Harry Holmes	Deshler	Pump	Irrig.	.78	19	3	4	Thayer	Oct.	17	1953		5652
Blue River, Little	John H. Reinke	Davenport	Pump	Irrig.	1.29	21	3	4	Thayer	Nov.	27	1953		5759
Blue River, Little	Howard M. Springer	Edgar	Pump	Irrig.	.35	35	4	6	Nuckolls	Dec.	28	1953		5827
Blue River, Little	Clyde H. Weyenberg	Glenvil	Pump No. 2	Irrig.	.57	17	5	8	Clay	Jan.	12	1954		5861
Blue River, Little	Ward J. Snow	Pauline	Pump	Irrig.	.23	10	5	9	Adams	Jan.	12	1954		5862
Blue River, Little	Joseph Hiller	Hebron	Pump	Irrig.		36	3	3	Thayer	Jan.	30	1954		5911

Blue River, Little	Reuben Reiber	Ayr	Pump	Irrig.	.25	18	5	10	Adams	Feb.	6	1954	5940
Blue River, Little	Theodore Bachman	Ayr	Pump	Irrig.		9	5	10	Adams	Feb.	9	1954	5944
Blue River, Little	Joe G. Ferebee	Edgar	Pump	Irrig.	.48	13	4	7	Nuckolls	Feb.	9	1954	5947
Blue River, Little	L. C. Lentz	Deshler	Pump	Irrig.		19	3	4	Thayer	Feb.	11	1954	5951
Blue River, Little	Boyd Jones	Edgar	Pump No. 2	Irrig.	.94	11	4	7	Nuckolls	Mar.	2	1954	6016
Blue River, Little	Ben Junker	Powell	Pump	Irrig.	.46	30	3	2E	Jefferson	Mar.	20	1954	6083
Blue River, Little	H. Ells Oil Co.	Hebron	Pump	Irrig.	.07	8	2	2	Thayer	Mar.	27	1954	6097
Blue River, Little	John H. Ricker	Roseland	Pump	Irrig.	.22	11	5	11	Adams	Apr.	8	1954	6167
Blue River, Little	Kasper Liebst	Roseland	Pump	Irrig.		11	5	11	Adams	Aug.	16	1954	6625
Blue River, Little	Ward J. Snow	Pauline	Pumps	Irrig.		10	5	9	Adams	Aug.	31	1954	6677
Blue River, Little Ravine, Trib. to	W. S. Thorne	Bladen	Fairacre Reservoir	Storage	†56 AF	6	4	11	Webster	Nov.	15	1946	4005
Buckley Creek	Cecil N. Dragoo	Reynolds	Pump	Irrig.		10	1	1E	Jefferson	Mar.	29	1954	6107
Crystal Lake Res.	Game, Forestation and Parks Comm., et al.	Lincoln	Crystal Canal	Irrig.		27	6	10	Adams	Aug.	17	1912	1526
Ground Water	Jerome C. Nisely	Edgar	Nisely Well	Irrig.		21	5	5	Clay	May	19	1942	3569*
Ground Water	W. S. Thorne	Bladen	Thorne Well	Irrig.		6	4	11	Webster	Nov.	15	1946	4006*
Ground Water	W. S. Thorne	Bladen	Thorne Well No. 2	Irrig.		7	4	11	Webster	Nov.	15	1946	4007*
Ground Water	John Spady	Hastings	Spady Well	Irrig.		15	5	10	Adams	Jan.	15	1947	4023*
Ground Water	W. H. Brinegar	Carleton	Brinegar Well	Irrig.		18	4	3	Thayer	Sept.	17	1947	4116*
Ground Water	John L. Scroggin, et al	Oak	Scroggin Well No. 2	Irrig.		8	3	5	Nuckolls	Oct.	4	1947	4118*
Ground Water	R. F. Scroggin Estate	Oak	Scroggin Well No. 1	Irrig.		17	3	5	Nuckolls	Oct.	4	1947	4119*
Ground Water	Clay Hull	Sedan	Hull Well	Irrig.		8	4	5	Nuckolls	Dec.	1	1947	4154*
Ground Water	Wilhelm F. Phillipi	Bruning	Phillipi Well	Irrig.		8	4	2	Thayer	Jan.	21	1948	4188*
Ground Water	Wm. W. Miller	Davenport	Miller Well	Irrig.		13	4	5	Nuckolls	Feb.	6	1948	4204*
Ground Water	C. J. Galbraith	Fairbury	Galbraith Well	Irrig.		15	2	2E	Jefferson	Feb.	25	1948	4213*
Ground Water	Bruce W. Merrill	Edgar	Merrill Well	Irrig.		11	4	6	Nuckolls	May	5	1948	4259*
Ground Water	Arthur Sykes	Davenport	Sykes Well	Irrig.		13	4	5	Nuckolls	June	28	1948	4300*
Ground Water	Daniel K. McClerry	Alma	McClerry Well	Irrig.		9	5	9	Adams	Aug.	24	1948	4331*
Ground Water	Howard M. Springer	Edgar	Springer Well	Irrig.		23	4	6	Nuckolls	Sept.	4	1948	4335*

†Reservoir capacity alleged by applicant.
*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Wendell G. Lee	Edgar	Lee Well	Irrig.		36	5	6	Clay	Sept.	7	1948		4344*
Ground Water	Helen Marble	Roseland	Marble Well	Irrig.		30	6	11	Adams	Sept.	29	1948		4348*
Ground Water	Ray J. Lowery	Davenport	Lowery Well	Irrig.		2	3	5	Nuckolls	Oct.	7	1948		4351*
Ground Water	Logan P. Lee	Edgar	Lee Well	Irrig.		22	5	6	Clay	Nov.	29	1948		4380*
Ground Water	Ivan G. Miller	Carleton	Miller Well	Irrig.		10	4	3	Thayer	Nov.	30	1948		4388*
Ground Water	M. W. Horner	Carleton	Horner Well	Irrig.		7	4	3	Thayer	Dec.	6	1948		4396*
Ground Water	John Stofer, Jr.	Carleton	Stofer Well	Irrig.		17	4	3	Thayer	Dec.	30	1948		4409*
Ground Water	H. J. Adcock	Davenport	Adcock Well	Irrig.		7	4	4	Thayer	Jan.	3	1949		4412*
Ground Water	C R. Anderson	Hastings	Anderson Well	Irrig.		33	7	10	Adams	Dec.	6	1949		4542*
Ground Water	Alfred Plambeck	Juniata	Plambeck Well	Irrig.		20	7	12	Adams	Dec.	28	1949		4558*
Ground Water	Harvin C. Borchers	Hastings	Borchers Well	Irrig.		25	8	10	Adams	Jan.	18	1950		4574*
Ground Water	Neinheuser & Neinheuser	Juniata	Neinheuser Well	Irrig.		31	7	11	Adams	Jan.	19	1950		4575*
Ground Water	H. L. Voight	Davenport	Voight Well	Irrig.		5	3	4	Thayer	June	1	1950		4688*
Ground Water	H. T. Bates	Carleton	Bates Well	Irrig.		30	4	3	Thayer	July	13	1950		4723*
Ground Water	Richard R. Filbin	Heartwell	Filbin Well	Irrig.		4	7	13	Kearney	June	13	1951		4873*
Ground Water	Leander Koos	Juniata	Koos Well	Irrig.		4	6	11	Adams	May	19	1952		4969*
Ground Water	Albert Davis	Grand Island	Davis Well	Irrig.		6	5	8	Clay	Nov.	17	1952		5074*
Ground Water	Emerald R. Nielsen	Minden	Nielsen Well	Irrig.		29	6	14	Kearney	Nov.	18	1952		5076*
Ground Water	Adelena A. Bauer	Oak	Bauer Well	Irrig.		23	3	5	Nuckolls	Nov.	19	1952		5079*
Ground Water	James J. Buresh	Davenport	Buresh Well	Irrig.		3	3	5	Nuckolls	Feb.	12	1953		5159*
Ground Water	Harry Frandsen	Minden	Frandsen Well	Irrig.		34	7	14	Kearney	Feb.	19	1953		5176*
Ground Water	Francis J. Youngson	Norman	Youngson Well	Irrig.		8	6	13	Kearney	Feb.	27	1953		5192*
Ground Water	John C. Rogers	Minden	Rogers Well	Irrig.		24	6	14	Kearney	Mar.	26	1953		5213*
Ground Water	Thomas P. Tomsen	Minden	Tomsen Well	Irrig.		23	6	14	Kearney	Mar.	26	1953		5214*
Ground Water	I. N. Schelkopf	Shickley	Schelkopf Well	Irrig.		3	5	3	Fillmore	Mar.	28	1953		5226*
Ground Water	Joseph R. Kennel	Strang	Kennel Well	Irrig.		14	5	3	Fillmore	Apr.	17	1953		5270*
Ground Water	Ned Raun	Upland	Raun Well	Irrig.		33	5	13	Kearney	Apr.	25	1953		5282*
Ground Water	Ned Raun	Upland	Raun Well	Irrig.		33	5	13	Kearney	Apr.	25	1953		5283*

Ground Water	Carl Kauffelt	Minden	Kauffelt Well	Irrig.	26	7	14	Kearney	Apr.	29	1953		5294*
Ground Water	Jay W. Kempf	Shickley	Kempf Well	Irrig.	6	5	3	Fillmore	Apr.	29	1953		5297*
Ground Water	Roy H. Kempf	Shickley	Kempf Well	Irrig.	7	5	3	Fillmore	Apr.	29	1953		5298*
Ground Water	Arthur Jensby	Davenport	Jensby Well	Irrig.	10	4	5	Nuckolls	May	18	1953		5321*
Ground Water	Don W. Miller	Davenport	Miller Well	Irrig.	27	4	5	Nuckolls	May	18	1953		5322*
Ground Water	Voight and Voight	Davenport	Voight Well	Irrig.	29	4	4	Thayer	May	18	1953		5323*
Ground Water	John H. Olson	Minden	Olson Well	Irrig.	4	6	14	Kearney	June	6	1953		5347*
Ground Water	Ephraim G. Miller	Davenport	Miller Well	Irrig.	33	4	4	Thayer	July	13	1953		5391*
Ground Water	Ivan George	Edgar	George Well	Irrig.	6	5	5	Clay	July	21	1953		5402*
Ground Water	Guy Green	Edgar	Green Well	Irrig.	21	5	6	Clay	July	27	1953		5420*
Ground Water	Guy Green	Edgar	Green Well	Irrig.	16	5	6	Clay	July	27	1953		5421*
Ground Water	Frank Meisenbach	Minden	Meisenbach Well	Irrig.	23	7	13	Kearney	Aug.	3	1953		5438*
Ground Water	Bill Shuck	Edgar	Shuck Well	Irrig.	3	4	6	Nuckolls	Aug.	7	1953		5449*
Ground Water	Maurice D. Shafer	Hastings	Shafer Well	Irrig.	14	8	10	Adams	Aug.	21	1953		5492*
Ground Water	Elmer B. Shuck	Edgar	Shuck Well	Irrig.	18	5	5	Clay	Aug.	21	1953		5493*
Ground Water	Carrol Stolts	Hastings	Stolts Well	Irrig.	26	8	10	Adams	Sept.	8	1953		5548*
Ground Water	Leo Sorensen	Norman	Sorensen Well	Irrig.	16	5	13	Kearney	Sept.	10	1953		5554*
Ground Water	Donald P. Lynn	Norman	Lynn Well	Irrig.	6	5	13	Kearney	Sept.	18	1953		5580*
Ground Water	Peder N. Estergaard	Minden	Estergaard Well	Irrig.	29	6	14	Kearney	Sept.	23	1953		5595*
Ground Water	Gene Madsen	Minden	Madsen Well	Irrig.	31	7	14	Kearney	Sept.	25	1953		5601*
Ground Water	Robert H. Hohlfeld	Roseland	Hohlfeld Well	Irrig.	12	6	12	Adams	Oct.	2	1953		5619*
Ground Water	L. E. Detweiler	Clay Center	Detweiler Well	Irrig.	8	5	4	Fillmore	Oct.	2	1953		5620*
Ground Water	Thomas F. Frink	Hastings	Frink Well	Irrig.	11	8	10	Adams	Oct.	3	1953		5621*
Ground Water	Howard B. Westering	Omaha	Westering Well	Irrig.	9	5	6	Clay	Oct.	17	1953		5650*
Ground Water	Harry Holmes	Deshler	Holmes Well	Irrig.	18	3	4	Thayer	Oct.	17	1953		5653*
Ground Water	Engaard E. Lynn	Minden	Lynn Well	Irrig.	16	6	14	Kearney	Oct.	23	1953		5666*
Ground Water	David Larsen, Sr.	Minden	Larsen Well	Irrig.	21	6	14	Kearney	Oct.	24	1953		5670*
Ground Water	David Larsen, Sr.	Minden	Larsen Well	Irrig.	26	6	14	Kearney	Oct.	24	1953		5671*
Ground Water	John J. Junker	Juniata	Junker Well	Irrig.	29	8	10	Adams	Oct.	27	1953		5678*
Ground Water	Herbert Heinrichs	Davenport	Heinrichs Well	Irrig.	12	3	5	Nuckolls	Oct.	28	1953		5681*
Ground Water	Donald A. Cramer	Chester	Cramer Well	Irrig.	34	1	3	Thayer	Oct.	30	1953		5683*
Ground Water	A. L. Troyer	Shickley	Troyer Well	Irrig.	8	5	3	Fillmore	Oct.	30	1953		5685*

*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Joseph S. Petersen	Minden	Petersen Well	Irrig.		24	6	15	Kearney	Nov.	2	1953		5696*
Ground Water	F. E. Flack	Chariton, Iowa	Flack Well	Irrig.		11	5	13	Kearney	Nov.	4	1953		5706*
Ground Water	Howard D. Sergeant	Juniata	Sergeant Well	Irrig.		10	7	11	Adams	Nov.	6	1953		5708*
Ground Water	Mrs. Bess S. Rippeteau	Hastings	Rippeteau Well	Irrig.		3	7	11	Adams	Nov.	7	1953		5709*
Ground Water	Ernest Buresh	Davenport	Buresh Well	Irrig.		10	3	5	Nuckolls	Nov.	14	1953		5729*
Ground Water	John Spady	Ayr	Spady Well	Irrig.		1	5	10	Adams	Nov.	18	1953		5734*
Ground Water	M. J. Merryman	Shickley	Merryman Well	Irrig.		5	5	3	Fillmore	Nov.	24	1953		5751*
Ground Water	Darrell Keim	Davenport	Keim Well	Irrig.		28	4	5	Nuckolls	Nov.	27	1953		5756*
Ground Water	K. C. Brinkman	Geneva	Brinkman Well	Irrig.		7	5	3	Fillmore	Nov.	27	1953		5757*
Ground Water	Elvin F. Witt	Juniata	Witt Well	Irrig.		29	8	10	Adams	Dec.	7	1953		5775*
Ground Water	Elvin F. Witt	Juniata	Witt Well	Irrig.		19	8	10	Adams	Dec.	7	1953		5776*
Ground Water	Elvin F. Witt	Juniata	Witt Well	Irrig.		30	8	10	Adams	Dec.	7	1953		5777*
Ground Water	C. K. Burling	Kenesaw	Burling Well	Irrig.		6	7	12	Adams	Dec.	28	1953		5826*
Ground Water	Albert J. Skalka	Deweese	Skalka Well No. 1	Irrig.		28	5	7	Clay	Dec.	29	1953		5832*
Ground Water	Albert J. Skalka	Deweese	Skalka Well No. 2	Irrig.		28	5	7	Clay	Dec.	29	1953		5833*
Ground Water	Anton E. Skalka	Deweese	Skalka Well	Irrig.		20	5	7	Clay	Dec.	29	1953		5834*
Ground Water	Perry Jorgensen	Norman	Jorgensen Well	Irrig.		33	6	13	Kearney	Jan.	5	1954		5845*
Ground Water	Lester D. Woods	Ayr	Woods Well	Irrig.		2	5	10	Adams	Jan.	19	1954		5881*
Ground Water	Lanning Hospital Trust	Hastings	Lanning Hospital Trust Well	Irrig.		11	8	10	Adams	Jan.	21	1954		5884*
Ground Water	Ida Onken	Glenvil	Onken Well	Irrig.		3	5	8	Clay	Feb.	2	1954		5922*
Ground Water	Raymond R. Keanel	Strang	Kennel Well	Irrig.		14	5	3	Fillmore	Feb.	5	1954		5938*
Ground Water	Elwin J. G. Nienheuser	Holstein	Nienheuser Well	Irrig.		2	6	12	Adams	Feb.	15	1954		5958*
Ground Water	Cuthbert R. Miller	Davenport	Miller Well	Irrig.		33	4	4	Thayer	Feb.	16	1954		5963*
Ground Water	Joseph E. S. Svoboda	Fairfield	Svoboda Well	Irrig.		13	5	8	Clay	Mar.	11	1954		6053*
Ground Water	Ira W. Slater	Ayr	Slater Well	Irrig.		25	5	11	Adams	Mar.	12	1954		6056*
Ground Water	Raymond Daugherty	Hastings	Daugherty Well	Irrig.		26	7	10	Adams	Mar.	13	1954		6059*
Ground Water	Robert Dondlinger	Geneva	Dondlinger Well	Irrig.		2	5	4	Fillmore	Mar.	16	1954		6066*

Ground Water	Herbert Schukei	Juniata	Schukei Well	Irrig.	31	7	11	Adams	Mar.	16	1954	6067*
Ground Water	Bruning and Bruning	Bruning	Bruning Well	Irrig.	12	4	3	Thayer	Mar.	30	1954	6113*
Ground Water	Harold Beck	Edgar	Beck Well	Irrig.	20	5	5	Clay	Mar.	30	1954	6114*
Ground Water	Dale D. Kral	Juniata	Kral Well	Irrig.	36	8	11	Adams	Mar.	30	1954	6116*
Ground Water	Alfred Frahm	Pauline	Frahm Well	Irrig.	25	5	10	Adams	Mar.	30	1954	6117*
Ground Water	D. C. Mills	Edgar	Mills Well	Irrig.	5	4	6	Nuckolls	Mar.	30	1954	6130*
Ground Water	Oscar L. Bower	Davenport	Bower Well	Irrig.	22	4	5	Nuckolls	Mar.	30	1954	6131*
Ground Water	E. G. Nesmith	Chester	Nesmith Well	Irrig.	34	1	3	Thayer	Mar.	30	1954	6153*
Ground Water	Harry Holmes	Deshler	Holmes Well	Irrig.	13	3	5	Nuckolls	Apr.	14	1954	6183*
Ground Water	R. C. Smith	Carleton	Smith Well	Irrig.	14	4	3	Thayer	Apr.	14	1954	6186*
Ground Water	Edward R. Kennel	Strang	Kennel Well	Irrig.	10	5	3	Fillmore	Apr.	14	1954	6198*
Ground Water	Roy H. Kempf	Shickley	Kempf Well	Irrig.	6	5	3	Fillmore	Apr.	14	1954	6199*
Ground Water	Bert Payzant	Schuyler	Payzant Well	Irrig.	11	5	7	Clay	Apr.	29	1954	6251*
Ground Water	Thomas A. Peterson	Kansas City	Peterson Well	Irrig.	25	7	11	Hamilton	Apr.	29	1954	6256*
Ground Water	Theodore A. Kranau	Bladen	Kranau Well	Irrig.	24	5	11	Adams	Apr.	29	1954	6258*
Ground Water	Irwin L. Hoffmeyer	Cairo	Hoffmeyer Well	Irrig.	36	2	4	Thayer	Apr.	29	1954	6264*
Ground Water	Thomas A. Hawks	Bruning	Hawks Well	Irrig.	11	4	2	Thayer	May	27	1954	6331*
Ground Water	Jennie Palmblade	Minden	Palmblade Well	Irrig.	8	6	14	Kearney	May	27	1954	6332*
Ground Water	Dona Jorgensen	Minden	Jorgensen Well	Irrig.	30	7	14	Kearney	May	27	1954	6333*
Ground Water	Carl L. Gass	Red Cloud	Gass Well	Irrig.	35	5	6	Clay	June	24	1954	6386*
Ground Water	Mrs. Lenore S. Biggs	Lincoln	Biggs Well	Irrig.	1	4	3	Thayer	June	24	1954	6389*
Ground Water	Hubert Skucius	Chester	Skucius Well	Irrig.	33	1	3	Thayer	July	20	1954	6437*
Ground Water	Wm. M. Barry	Hastings	Barry Well	Irrig.	10	8	10	Adams	July	20	1954	6438*
Ground Water	Leon G. Bruning	Bruning	Bruning Well	Irrig.	7	4	2	Thayer	July	20	1954	6448*
Ground Water	J. L. Weeks	Juniata	Weeks Well	Irrig.	6	7	10	Adams	July	20	1954	6459*
Ground Water	Dale Friedline	Davenport	Friedline Well	Irrig.	11	5	5	Clay	July	20	1954	6462*
Ground Water	Albert C. Peterson & Son	Minden	Peterson Well	Irrig.	6	6	14	Kearney	July	20	1954	6469*
Ground Water	Paul Burchell	Minden	Burchell Well	Irrig.	20	7	14	Kearney	July	31	1954	6533*
Ground Water	Mrs. C. J. Lienhart	Hastings	Lienhart Well	Irrig.	17	6	11	Adams	July	31	1954	6544*
Ground Water	Herbert Johnson	Edgar	Johnson Wells	Irrig.	28	5	5	Clay	Aug.	14	1954	6589*
					33	5	5	Clay	Aug.	14	1954	6589*
					34	5	5	Clay	Aug.	14	1954	6589*

*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Leo Sykora	Deweese	Sykora Well	Irrig.		29	5	7	Clay	Aug.	14	1954		6606*
Ground Water	Harm H. Davis	Glenvil	Davis Well	Irrig.		2	5	9	Adams	Sept.	28	1954		6723*
Liberty Creek	Arthur W. Hayes	Deweese	Pump	Irrig.	.07	32	5	7	Clay	Jan.	30	1937		2690
Pawnee Creek	D. B. Massie	Clay Center	Massie Lake	Resort	†65 AF	16	5	8	Clay	Mar.	10	1933		2307
Pawnee Creek	D. W. Gerhard	Monroe, La.	Pump	Irrig.	.64	15	7	10	Adams	Aug.	30	1949		4508
Powell Reservoir	Clarence E. Rice	Odell	Powell Canal	Stor-only		25	3	1E	Jefferson	May	10	1940		3154
Rose Creek	Clyde Wilson	Fairbury	Pump	Irrig.	1.01	8	1	2E	Jefferson	July	14	1934		2425
Rose Creek	Clarence E. Rice	Odell	Pump No. 3	Irrig.	1.00	7	1	3E	Jefferson	May	10	1940		3152
Rose Creek	Bryan G. Lamb	Hubbell	Pump	Irrig.	.26	29	1	1	Thayer	Aug.	18	1944		3754
Rose Creek	Bryan G. Lamb	Hubbell	Pump No. 2	Irrig.	.15	16	1	1	Thayer	Aug.	18	1944		3755
Rose Creek	J. E. Conklin	Hubbell	Pump	Irrig.	.20	16	1	1	Thayer	Mar.	5	1947		4043
Rose Creek	Bryan G. Lamb	Hubbell	Pump No. 3	Irrig.	.23	29	1	1	Thayer	Aug.	25	1947		4101
Rose Creek	Theodore Kohlmeyer	Fairbury	Pumps	Irrig.		7	1	2E	Jefferson	Mar.	1	1954		6009
Rose Creek	Wilbur Reid	Reynolds	Pump	Irrig.	.80	12	1	1	Thayer	May	19	1954		6314
Rose Creek	Lamb Brothers	Hubbell	Lamb Bros. Reservoir	Storage		29	1	1	Thayer	July	12	1954		6419
Sandy Cr., Big	M. A. Brinegar	Alexandria	Pump	Irrig.	.43	6	3	1	Thayer	Apr.	11	1935		2537
Sandy Cr., Big	Frank Joe	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
Sandy Cr., Big Springs, Trib. to	Game, Forestation and Parks Commission	Lincoln	Alexandria Reservoir	Resort	†71 AF	17	3	1E	Jefferson	Aug.	29	1950		4742
Sandy Cr.. Lit.	Raymond Haddan	Fairbury	Pump	Irrig.		19	3	2E	Jefferson	Mar.	1	1954		6007

Spring Branch	Vinton F. Brown, et al.	Hubbell	Pumps	Irrig.	.33	16	1	1	Thayer	Oct.	14	1938		2892
Spring Creek	Mrs. Roy Alexander	Deshler	Pump	Irrig.	.51	17	2	3	Thayer	Apr.	9	1941		3426
Spring Creek	Alexander-Alexander	Deshler	Pumps	Irrig.	1.14	17	2	3	Thayer	Oct.	20	1947		4130
Spring Creek	Elmer J. Heider, et al.	Deshler	Pump	Irrig.	.28	9	2	3	Thayer	Apr.	11	1951		4840
Spring Creek	Harold Maschmann	Hebron	Pump	Irrig.	.36	12	2	3	Thayer	Apr.	20	1953		5273
Spring Creek	Emil S. Malchow	Hebron	Pump	Irrig.	.08	7	2	3	Thayer	Aug.	1	1953		5434

*Application not approved.
†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.
Priority for irrigation wells not established

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Anderson Res.	Anderson and Skogman	Stromsburg	Anderson Canal	Supp. I.	A-2862	34	14	2	Polk	Jan.	18	1946		3867
Bear Creek	Jerry T. Mangus	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	G. D. Wright	York	Wright Mill	Power	40.00	7	10	2	York	Nov.	1	1878	963	
Beaver Creek	W. E. Gould	York	Pumps	Irrig.	.18	1	10	3	York	Sept.	19	1939		2965
Beaver Creek	W. L. Kirkpatrick	York	Pump	Irrig.	.34	8	10	2	York	Dec.	6	1939		3036
Beaver Creek	J. Earl Axtell	York	Pump	Irrig.	.54	9	10	3	York	Sept.	8	1941		3495
Beaver Creek	Leo. J. Rea	York	Pump	Irrig.	.19	7	10	2	York	May	18	1948		4268
Beaver Creek	Chris Hillmer	York	Pump	Irrig.	.22	14	10	2	York	Sept.	8	1948		4337
Beaver Creek	Albert Oswald	Aurora	Beaver Creek Reservoir	Storage	†3 AF	28	10	7	Hamilton	Nov.	18	1949		4532
Beaver Creek	Budler Brothers	Bradshaw	Pump	Irrig.	.12	10	10	4	York	Mar.	26	1953		5215
Beaver Creek	Laura V. Berger	Waco	Pump	Irrig.	.05	27	10	1	York	Sept.	1	1953		5530
Beaver Creek	Carl G. Bamesberger and Son	Hampton	Pump	Irrig.	.11	11	10	5	Hamilton	Jan.	30	1954		5910
Beaver Creek	Leo J. Rea	York	Pump	Irrig.	.14	7	10	2	York	Mar.	24	1954		6088
Beaver Creek	Rathje and Rathjen	York	Pumps	Irrig.	.63	11	10	2	York	July	30	1954		6515
Beaver Creek	Vern C. Brumbaugh	Hampton	Pump	Irrig.		1	10	5	Hamilton	July	30	1954		6528
Beaver Creek, Ravine, Trib. to	Guy V. Watt	Bradshaw	Watt Reservoir	Storage		35	11	4	York	Nov.	12	1953		5718
Beaver Creek, Ravine, Trib. to	H. C. Carpenter	York	Carpenter Reservoir	Storage		34	11	3	York	Sept.	27	1954		6698*
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 Mill	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	Fred Zwonecheck	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	E. Jacobs	Staplehurst	Jacobs Plant	Power	40.00	26	12	2E	Seward	Nov.	13	1911		1135
Blue River, Big	Norris Rural P. P. Dist.	Beatrice	Barneston Plant	Power	500.00	13	1	7E	Gage	Feb.	18	1913		1262
Blue River, Big	Norris Rural P. P. Dist.	Beatrice	Barneston Plant	Rs. Dam	A-1262	13	1	7E	Gage	May	27	1920		1585
Blue River, Big	Norris Rural P. P. Dist.	Beatrice	Barneston Plant	Dredge	A-1262	13	1	7E	Gage	Dec.	17	1925		1788
Blue River, Big	Frank Mares	Wilber	Mares Canal	Irrig.	2.28	2	6	4E	Saline	Aug.	12	1913		1314
Blue River, Big	C. B. & Q. R. R. Co.	Lincoln	Milford 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	Chas. S. F. Johnson	Stromsburg	Pump	Irrig.	1.29	8	13	2	Polk	Mar.	26	1930		2130
Blue River, Big	Martin Luther Home Society, Inc.	Sterling	Pump	Irrig.	.43	3	3	6E	Gage	Aug.	29	1930		2164
Blue River, Big	Mrs. Geo. E. Blevins	Shelby	Pump	Irrig.	.57	2	13	1	Polk	May	19	1934		2384
Blue River, Big	Edward J. Cekal	Beatrice	Pump	Irrig.	.41	24	3	6E	Gage	July	24	1934		2438
Blue River, Big	Louis Gruntorad	Seward	Pump	Irrig.	.64	20	11	3E	Seward	July	24	1934		2440
Blue River, Big	A. E. Quackenbush	Beatrice	Pump	Irrig.	.07	3	3	6E	Gage	July	25	1934		2441
Blue River, Big	Paul A. Olson	Milford	Pump	Irrig.	.64	22	10	3E	Seward	Aug.	1	1934		2453
Blue River, Big	Louis C. Brinkmeyer	Seward	Pump	Irrig.	.58	28	11	3E	Seward	Sept.	5	1934		2470
Blue River, Big	Morris T. White	Ulysses	Pump No. 1	Irrig.	1.59	20	13	2E	Butler	Sept.	11	1934		2473
Blue River, Big	Cyril J. Reznicek	Ulysses	Pump No. 2	Irrig.	.74	24	13	1E	Butler	Sept.	26	1934		2479
Blue River, Big	Frank P. Karpisek	Ulysses	Pump	Irrig.	.61	20	13	2E	Butler	Nov.	20	1934		2496
Blue River, Big	Margaret Weston	Beatrice	Pump	Irrig.	1.39	11	4	5E	Gage	Apr.	18	1935		2540
Blue River, Big	Edwin Stokebrand	De Witt	Pump	Irrig.	.22	20	5	5E	Gage	Oct.	18	1935		2563

Supp. I. Storage water in addition to direct flow.
†Reservoir capacity alleged by applicant.
*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Blue River, Big	Martin Luther Home Society, Inc.	Sterling	Pump	Irrig.	.50	3	3	6E	Gage	Oct.	25	1935		2565
Blue River, Big	A. W. Miller	Pickrell	Pump	Irrig.	.15	2	4	5E	Gage	July	29	1936		2601
Blue River, Big	Arthur D. Morrill, 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	Ed J. Mares, et al	Wilber	Pump	Irrig.	.05	14	6	4E	Saline	Sept.	9	1936		2636
Blue River, Big	Daisy E. Sheppard	Shelby	Pump	Irrig.	.93	7	13	1E	Butler	Nov.	19	1936		2662
Blue River, Big	James Hronik	Wilber	Pump	Irrig.	.70	35	7	4E	Saline	Dec.	26	1936		2677
Blue River, Big	Willard H. Waldo	De Witt	Pump	Irrig.	.49	13	5	4E	Saline	Mar.	27	1937		2725
Blue River, Big	Henry L. Rathburn	De Witt	Pump	Irrig.	1.00	18	5	5E	Gage	Apr.	28	1937		2737
Blue River, Big	L. W. Birky	Milford	Pump	Irrig.	.34	15	10	3E	Seward	July	7	1937		2759
Blue River, Big	Marie Ficken	Seward	Pump No. 2	Irrig.	.53	20	11	3E	Seward	July	27	1937		2766
Blue River, Big	Henry H. Kruse	Seward	Pump	Irrig.	.65	20	11	3E	Seward	Aug.	24	1937		2776
Blue River, Big	Emma B. Novak	Crete	Pump	Irrig.	.33	10	7	4E	Saline	Sept.	16	1937		2788
Blue River, Big	Louis E. Gruntorad	Seward	Pump	Irrig.	.97	18	11	3E	Seward	Dec.	20	1937		2816
Blue River, Big	J. H. C. Dunker Estate	David City	Pump	Irrig.	.07	14	13	1E	Butler	Jan.	6	1938		2822
Blue River, Big	Anderson and Skogman	Stromsburg	Pump	Irrig.	.99	3	13	2	Polk	Apr.	18	1938		2862
Blue River, Big	Henry Heumann	Seward	Pump	Irrig.	.14	34	11	3E	Seward	June	9	1939		2928
Blue River, Big	Martin Luther Home Society, Inc.	Sterling	Pump	Irrig.	.20	3	3	6E	Gage	June	23	1939		2932
Blue River, Big	D. D. Davis	David City	Pump	Irrig.	.21	15	13	1E	Butler	Aug.	18	1939		2953
Blue River, Big	Mrs. Alice Dunn	De Witt	Pump	Irrig.	.58	12	5	4E	Saline	Sept.	11	1939		2962
Blue River, Big	Robert Tichy, Sr., Est.	Wilber	Pump No. 2	Irrig.	.26	14	6	4E	Saline	Sept.	23	1939		2971
Blue River, Big	Robert Tichy, Sr., Est.	Wilber	Pump No. 1	Irrig.	.38	35	6	4E	Saline	Sept.	23	1939		2972
Blue River, Big	Charles Reynolds	Milford	Pump	Irrig.	1.34	10	10	3E	Seward	Oct.	18	1939		2992
Blue River, Big	Roland Ramsey, et al	Seward	Pump	Irrig.	.68	28	11	3E	Seward	Oct.	26	1939		2999
Blue River, Big	William Keller	Crete	Pump	Irrig.	.24	4	8	4E	Saline	Nov.	7	1939		3011
Blue River, Big	R. Matilda Cooper	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	Ben Kracke	Clatonia	Pump	Irrig.	.63	20	5	5E	Gage	June	24	1940		3188
Blue River, Big	Wm. Quackenbush	De Witt	Pump	Irrig.	.76	33	5	5E	Gage	July	22	1940		3206
Blue River, Big	G. J. Buss	Beatrice	Pump	Irrig.	.24	18	4	6E	Gage	July	22	1940		3207
Blue River, Big	Russell H. Dunn	De Witt	Pump	Irrig.	.64	12	5	4E	Saline	July	24	1940		3214
Blue River, Big	Mrs. Chas. H. Mayland	Staplehurst	Pump No. 1	Irrig.	.47	26	12	2E	Seward	July	30	1940		3222
Blue River, Big	Mrs. Josephine Janecek	Wilber	Pump	Irrig.	.68	10	6	4E	Saline	Aug.	6	1940		3225
Blue River, Big	Jacob Sack	Crete	Pump	Irrig.	1.13	9	8	4E	Saline	Aug.	13	1940		3230
Blue River, Big	Don Weber	Beatrice	Pump	Irrig.	.29	13	4	5E	Gage	Aug.	26	1940		3241
Blue River, Big	Don Weber	Beatrice	Pump	Irrig.	.62	12	4	5E	Gage	Aug.	26	1940		3241R
Blue River, Big	Wm. Roehrkasse Estate	Seward	Pump	Irrig.	.82	28	11	3E	Seward	Aug.	29	1940		3245
Blue River, Big	Pearle Coffin	Shelby	Coffin Reservoir	Storage	†8 AF	3	13	1	Polk	Sept.	3	1940		3251
Blue River, Big (See A-3866)	Anderson and Skogman	Stromsburg	Anderson Reservoir	Storage	†13 AF	34	14	2	Polk	Jan.	9	1941		3365
Blue River, Big	Village of Surprise	Surprise	Surprise Reservoir	Storage	†21 AF	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	William Reimer	Beatrice	Pump	Irrig.	.16	19	4	6E	Gage	May	10	1943		3612
Blue River, Big	C. E. Rice	Odell	Pump	Irrig.	.70	12	1	7E	Gage	July	24	1943		3626
Blue River, Big (See A-3365)	Anderson and Skogman	Stromsburg	Anderson Reservoir	Storage	†44.4 AF	34	14	2	Polk	Jan.	18	1946		3866
Blue River, Big	Leonard Chaloupka	Wilber	Pump	Irrig.	.89	10	6	4E	Saline	June	20	1946		3919
Blue River, Big	Joseph Sedlak	Shelby	Pump	Irrig.	.22	34	14	1	Polk	Feb.	21	1947		4041
Blue River, Big	Mrs. M. D. Strong	Stromsburg	Pump	Irrig.	.71	3	13	2	Polk	Aug.	11	1947		4093
Blue River, Big	Mrs. M. D. Strong	Stromsburg	Strong Reservoir	Storage	†10 AF	3	13	2	Polk	Aug.	11	1947		4094
Blue River, Big	John Grasmick, Jr.	Lincoln	Pump	Irrig.	2.00	26	10	3E	Seward	Oct.	7	1947		4121
Blue River, Big	Paul A. Olson	Milford	Pump	Irrig.	.18	22	10	3E	Seward	Nov.	19	1947		4152
Blue River, Big	F. D. Allington	Blue Springs	Pump	Irrig.	.50	26	1	7E	Gage	Jan.	30	1948		4193
Blue River, Big	Mark H. Mains	Beatrice	Pump	Irrig.	.09	27	3	7E	Gage	Feb.	4	1948		4200
Blue River, Big	Edward Wehrs	Milford	Pump	Irrig.	.32	26	10	3E	Seward	June	8	1948		4283
Blue River, Big	Mervin F. Aegerter	Seward	Pump	Irrig.	.65	8	11	3E	Seward	July	30	1948		4316
Blue River, Big	Wm. P. Quackenbush	De Witt	Pump	Irrig.	1.16	33	5	5E	Gage	Nov.	23	1948		4371
Blue River, Big	Virgil Siems	Beatrice	Pump	Irrig.	.19	29	3	7E	Gage	Jan.	4	1949		4416
Blue River, Big	Stephen W. Herman	Wilber	Pump	Irrig.	.48	35	7	4E	Saline	Aug.	31	1949		4509

R. Denotes relocation.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Blue River, Big	James L. Brodie	Crete	Pump	Irrig.	.06	5	8	4E	Saline	Feb.	8	1950		4588
Blue River, Big	Alfred Chab	Wilber	Pump	Irrig.	.97	10	6	4E	Saline	Mar.	13	1950		4617
Blue River, Big	Wm. Plouzek	Dorchester	Pump	Irrig.	1.59	11	8	3E	Saline	Mar.	23	1950		4624
Blue River, Big	Anton Patak	Seward	Pump	Irrig.	.24	7	11	3E	Seward	Mar.	30	1950		4630
Blue River, Big	John Grasmick, Jr.	Lincoln	Pump	Irrig.	.88	35	10	3E	Seward	Apr.	28	1950		4657
Blue River, Big	Mervin F. Aegerter	Seward	Pump	Irrig.	.72	17	11	3E	Seward	May	16	1950		4678
Blue River, Big	Mrs. M. D. Strong	Stromsburg	Pump	Irrig.	.33	3	13	2	Polk	Dec.	6	1950		4772
Blue River, Big	Walter Herpolsheimer	Seward	Pump	Irrig.	1.17	23	12	2E	Seward	Jan.	29	1951		4793
Blue River, Big	Francis A. Pollock	Ulysses	Pumps	Irrig.	.29	34	13	2	Butler	Feb.	26	1951		4809
Blue River, Big	Walter Herpolsheimer	Seward	Pump	Irrig.	.79	23	12	2E	Seward	Mar.	27	1953		5222
Blue River, Big	Vernon Dickey	Seward	Pump	Irrig.	.90	1	11	2E	Seward	Sept.	17	1953		5579
Blue River, Big	George Vana	DeWitt	Pump	Irrig.	.21	27	6	4E	Saline	Sept.	28	1953		5613
Blue River, Big	Jacob Wiebe	Beatrice	Pump	Irrig.	.62	29	4	6E	Gage	Oct.	8	1953		5634
Blue River, Big	Ivan Lasher	Wymore	Pump	Irrig.	.09	16	2	7E	Gage	Oct.	9	1953		5636
Blue River, Big	Herbert R. Ruyle	Beatrice	Pump	Irrig.	.29	1	3	6E	Gage	Oct.	13	1953		5640
Blue River, Big	Dale Inderlied	DeWitt	Pump	Irrig.	.81	12	5	4E	Saline	Oct.	21	1953		5663
Blue River, Big	Theodore Luebbe	Staplehurst	Pump	Irrig.	.96	26	12	2E	Seward	Nov.	13	1953		5726
Blue River, Big	Glen Pickrel	Seward	Pump	Irrig.	.44	33	11	3E	Seward	Nov.	18	1953		5733
Blue River, Big	William A. Muff	Crete	Pump	Irrig.	.41	3	7	4E	Saline	Dec.	7	1953		5779
Blue River, Big	Carl Rolfsmeier, et al	Seward	Pump	Irrig.	1.28	34	11	3E	Seward	Dec.	8	1953		5784
Blue River, Big	Oscar Niemann	Seward	Pump	Irrig.	.76	34	11	3E	Seward	Dec.	15	1953		5792
Blue River, Big	Walter Herpolsheimer	Seward	Pump	Irrig.	.46	23	12	2E	Seward	Dec.	21	1953		5811
Blue River, Big	B. J. Vedsted	Staplehurst	Pump	Irrig.	.89	25	12	2E	Seward	Jan.	18	1954		5877
Blue River, Big	Willard Penner	DeWitt	Pump	Irrig.	.36	12	4	5E	Gage	Feb.	1	1954		5920
Blue River, Big	Wm. Tiahrt	Beatrice	Pump	Irrig.	1.63	13	4	5E	Gage	Feb.	2	1954		5924
Blue River, Big	Stephen W. Herman	Wilber	Pumps	Irrig.	.14	26	7	4E	Saline	Feb.	9	1954		5943
Blue River, Big	George Vana	DeWitt	Pump	Irrig.	.06	27	6	4E	Saline	Feb.	9	1954		5948
Blue River, Big	Wm. H. Kahle	Milford	Pumps	Irrig.	.49	20	9	4E	Seward	Feb.	15	1954		5961
Blue River, Big	Allington Farms	Blue Springs	Pump	Irrig.	.06	36	1	7E	Gage	Mar.	4	1954		6026

Blue River, Big	Dean Rolfsmeier	Seward	Pump	Irrig.	.02	34	11	3E	Seward	Mar.	4	1954	6032
Blue River, Big	Walter Gerkensmeyer	Seward	Pump	Irrig.	.74	3	10	3E	Seward	Mar.	10	1954	6051
Blue River, Big	Mosher's Inc.	Crete	Blue River Lodge Res.	Resort	†15 AF	21	8	4E	Saline	Mar.	25	1954	6090
Blue River, Big	Chas. H. Gausman	Milford	Pump	Irrig.	.69	15	10	3E	Seward	Mar.	25	1954	6091
Blue River, Big	Henry Kruse	Seward	Pump	Irrig.	.06	19	11	3E	Seward	Apr.	21	1954	6236
Blue River, Big	Paul A. Olson	Milford	Pump	Irrig.		22	10	3E	Seward	Apr.	27	1954	6246
Blue River, Big	Walter H. Greenslit Est.	Lincoln	Pump	Irrig.		15	13	1E	Butler	May	8	1954	6287
Blue River, Big	Gregory and Stowell	Chadron	Pump	Irrig.	.58	34	8	4E	Saline	June	11	1954	6362
Blue River, Big	L. H. Esau	Beatrice	Pump	Irrig.		13	4	5E	Gage	July	19	1954	6434
Blue River, Big,	Kruezberg and Warren	Beatrice	Pump	Irrig.		23	4	6E	Gage	Aug.	2	1954	6556
Blue River, Big	Katie Damkroger	DeWitt	Pump	Irrig.		3	4	5E	Gage	Aug.	12	1954	6583
Blue River, Big, Tributary to	John F. Abrahams	Beatrice	Pump	Irrig.	.20	10	3	6E	Gage	Apr.	3	1931	2196
Blue River, Big Ravine, Trib. to	Henry C. Siedhoff	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	9	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. and School Creek	Mrs. Albert Garbe	Grafton	Blue Park Dam	Power	66.00	1	8	4	Fillmore	Aug.	4	1917	1494
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.	Louie E. Nelson	Inland	Pump	Irrig.	.48	27	8	8	Clay	Feb.	11	1927	1899
Blue R., Big, W.F.	Herbert F. Warren	Trumbull	Pump	Irrig.	.16	13	8	9	Adams	Nov.	26	1927	1971
Blue R., Big, W.F.	R. F. Lord	McCool Jct.	Pump	Irrig.	.42	18	9	2	York	Oct.	19	1928	2048
Blue R., Big, W.F.	Herman Korgan	Hastings	Pump	Irrig.	1.90	4	7	9	Adams	Apr.	4	1929	2076
Blue R., Big, W.F.	Wm. C. Muirhead	Bradshaw	Muirhead Canal	Irrig.	.98	30	9	5	Hamilton	Sept.	13	1929	2108
Blue R., Big, W.F.	R. F. Lord	McCool Jct.	Pump	Irrig.	.82	18	9	2	York	Mar.	16	1934	2368
Blue R., Big, W.F.	Otto Schmidt	Fairmont	Pump	Irrig.	.43	3	8	3	Fillmore	July	14	1934	2426

†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Blue R., Big, W.F.	Lonie E. Casteel	Crete	Pump	Irrig.	1.43	5	8	4E	Saline	July	18	1934		2429
Blue R., Big, W.F.	C. D. Nave	Crete	Pump	Irrig.	.39	5	8	4E	Saline	July	18	1934		2430
Blue R., Big, W.F.	Adam E. Nowakowski	Dorchester	Pump	Irrig.	.37	32	9	3E	Seward	July	23	1934		2435
Blue R., Big, W.F.	James A. Mohlman	Hastings	Pump	Irrig.	.56	25	8	9	Adams	Aug.	9	1934		2458
Blue R., Big, W.F.	Clara W. Rehor	Beaver Cross'g	Pump	Irrig.	.41	3	9	1E	Seward	Apr.	30	1935		2543
Blue R., Big, W.F.	Louis M. Budler	Fairmont	Pump	Irrig.	.08	8	8	3	Fillmore	June	15	1936		2581
Blue R., Big, W.F.	J. C. Morford	Beaver Cross'g	Pump	Irrig.	.29	18	9	2E	Seward	July	21	1936		2593
Blue R., Big, W.F.	Oden S. Gilmore Estate	York	Pump	Irrig.	.43	7	9	1	York	July	27	1936		2600
Blue R., Big, W.F.	R. L. Kaliff	York	Pump	Irrig.	1.10	25	9	3	York	Aug.	15	1936		2614
Blue R., Big, W.F.	Emil F. Semler Estate	Seward	Pump	Irrig.	.25	32	9	3E	Seward	Aug.	27	1936		2626
Blue R., Big, W.F.	George G. Franz	Salem, Ore.	Pump	Irrig.	.12	19	9	4	York	Oct.	24	1936		2649
Blue R., Big, W.F.	Dorothy E. Sandy	Baxter, Iowa	Pump	Irrig.	.11	15	9	2	York	Nov.	2	1936		2650
Blue R., Big, W.F.	Robert E. Harry	York	Pump	Irrig.	.71	19	9	2	York	Feb.	6	1937		2695
Blue R., Big, W.F.	Clifford E. Miller Estate	Omaha	Pump	Irrig.	.97	27	9	4	York	Apr.	17	1937		2732
Blue R., Big, W.F.	Sam Miller	Dorchester	Pump	Irrig.	.35	3	8	3E	Saline	July	6	1937		2758
Blue R., Big, W.F.	Alvin J. Gard	Beaver Cross'g	Pump	Irrig.	.86	1	9	1	York	Aug.	19	1937		2775
Blue R., Big, W.F.	Wm. G. Deremer	Beaver Crcss'g	Pump	Irrig.	.37	31	10	1E	Seward	Sept.	10	1937		2783
Blue R., Big, W.F.	Robert G. Simmons	Lincoln	Pump	Irrig.	.31	16	9	2E	Seward	Sept.	11	1937		2784
Blue R., Big, W.F.	Albert L. Baller	York	Pump	Irrig.	1.04	7	9	1	York	Nov.	1	1938		2894
Blue R., Big, W.F.	Dean Sack	York	Miller Plant	Power	28.00	10	9	2	York	Aug.	31	1939		2955
Blue R., Big, W.F.	Wallace W. Lamphere	Lincoln	Pump	Irrig.	.99	9	9	1	York	Nov.	1	1939		3003
Blue R., Big, W.F.	C. A. Broehl	Grafton	Pump	Irrig.	.29	35	9	4	York	Dec.	23	1939		3066
Blue R., Big, W.F.	Joe H. Novak	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.	Guy J. Phelps	Exeter	Pump	Irrig.	.44	9	9	1	York	May	14	1940		3159
Blue R., Big, W.F.	Donald B. Steenburg	Aurora	Pump	Irrig.	.18	26	9	5	Hamilton	July	5	1940		3194
Blue R., Big, W.F.	Ralph Kubicek	Waco	Pump	Irrig.	.37	2	9	1	York	July	15	1940		3199
Blue R., Big, W.F.	Homer Eberspacher	Beaver Cross'g	Pump	Irrig.	.31	17	9	2E	Seward	Aug.	7	1940		3226
Blue R., Big, W.F.	Robert Cast	Beaver Cross'g	Pump	Irrig.	.38	17	9	2E	Seward	Aug.	23	1940		3238

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.	Victor E. Bors	McCool Jct.	Pump	Irrig.	.23	36	9	3	York	Sept.	4	1940		3254
Blue R., Big, W.F.	Robert G. Simmons	Lincoln	Pump No. 2	Irrig.	.27	16	9	2E	Seward	Sept.	24	1940		3273
Blue R., Big, W.F.	Gust Janda	McCool Jct.	Pump	Irrig.	.15	35	9	3	York	Sept.	28	1940		3277
Blue R., Big, W.F.	O'Connor Brothers	Fairmont	Pump	Irrig.	.10	8	8	3	Fillmore	Oct.	19	1940		3300
Blue R., Big, W.F.	Herbert E. Lauber	Geneva	Pump	Irrig.	.66	9	8	3	Fillmore	Apr.	21	1941		3432
Blue R., Big, W.F.	Robert Cast	Beaver Cross'g	Pump	Irrig.	.39	17	9	2E	Seward	Apr.	30	1941		3436
Blue R., Big, W.F.	H. F. Gocke	Waco	Pump	Irrig.	.59	3	9	1	York	Aug.	9	1941		3484
Blue R., Big, W.F.	Harlan Cranston	Stockham	Pump	Irrig.	.21	25	9	6	Hamilton	Dec.	4	1942		3590
Blue R., Big, W.F.	Herbert E. Lauber	Geneva	Pump	Irrig.	.92	9	8	3	Fillmore	May	1	1943		3610
Blue R., Big, W.F.	Sam Miller	Dorchester	Pump	Irrig.	.39	3	8	3E	Saline	Aug.	3	1943		3628
Blue R., Big, W.F.	Joe Bors, Jr.	McCool Jct.	Pump	Irrig.	.09	36	9	3	York	Apr.	19	1944		3715
Blue R., Big, W.F.	Wm. G. Deremer	Beaver Cross'g	Pump	Irrig.	.06	31	10	1E	Seward	Aug.	9	1944		3749
Blue R., Big, W.F.	Ernest Softley	Fairmont	Pump	Irrig.	.41	8	8	3	Fillmore	Mar.	21	1945		3816
Blue R., Big, W.F.	Harry E. Harvey	Lincoln	Pump	Irrig.	.96	22	9	2E	Seward	May	15	1945		3833
Blue R., Big, W.F.	James Laukota	Friend	Pump	Irrig.	.21	35	9	4	York	July	23	1945		3847
Blue R., Big, W.F.	W. C. Clark Estate	Dorchester	Pump	Irrig.	.35	3	8	3E	Saline	Apr.	17	1946		3893
Blue R., Big, W.F.	Borchers Brothers	Henderson	Pump	Irrig.	.49	25	9	5	Hamilton	Aug.	7	1946		3942
Blue R., Big, W.F.	J. G. Komarek	Hastings	Pump	Irrig.	.66	27	9	5	Hamilton	Nov.	14	1947		4146
Blue R., Big, W.F.	Lindell L. Hanthorn	Lushton	Pump	Irrig.	.44	28	9	4	York	Nov.	24	1947		4153
Blue R., Big, W.F.	Otis Labort	Lushton	Pump	Irrig.	.36	28	9	4	York	Apr.	30	1948		4252
Blue R., Big, W.F.	William Burkey	Milford	Pump	Irrig.	.34	25	9	2E	Seward	May	11	1948		4263
Blue R., Big, W.F.	Lloyd Dixon	Fairmont	Pump	Irrig.	1.26	6	8	3	Fillmore	June	1	1948		4275
Blue R., Big, W.F.	Emil Peterson	Waco	Pump	Irrig.	.53	3	9	1	York	June	16	1948		4289
Blue R., Big, W.F.	Sam Miller	Dorchester	Pump	Irrig.	1.19	29	9	2E	Seward	Nov.	24	1948		4373
Blue R., Big, W.F.	Ray Salmen	Lushton	Pump	Irrig.	.59	20	9	4	York	Nov.	29	1948		4379
Blue R., Big, W.F.	Walter J. Beckman	Lincoln	Pump	Irrig.	.61	3	8	3	Fillmore	Dec.	30	1948		4410
Blue R., Big, W.F.	John O. Griess	Stockham	Pump	Irrig.	.54	27	9	5	Hamilton	Mar.	15	1949		4451
Blue R., Big, W.F.	Marvin Cast	Beaver Cross'g	Pump	Irrig.	.52	3	9	1E	Seward	Mar.	16	1949		4452
Blue R., Big, W.F.	L. W. Williams	McCool Jct.	Pump	Irrig.	.73	8	9	2	York	Mar.	28	1949		4457
Blue R., Big, W.F.	Herman E. Schultz	York	Pump	Irrig.	.41	30	9	2	York	July	6	1949		4484
Blue R., Big, W.F.	Claude Bailey	York	Pump	Irrig.	.47	10	9	2	York	July	25	1949		4491

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
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.	Ralph Barnett	Trumbull	Pump	Irrig.	1.16	18	8	8	Clay	Apr.	5	1950		4633
Blue R., Big, W.F.	Joe Pinneo	York	Pump	Irrig.	.39	9	9	2	York	Apr.	10	1950		4638
Blue R., Big, W.F.	Lawrence M. Cranston	Stockham	Pump	Irrig.	.36	25	9	6	Hamilton	Apr.	13	1950		4641
Blue R., Big, W.F.	Gladys B. Chaffee	Aurora	Pump	Irrig.	.22	34	9	6	Hamilton	May	2	1950		4664
Blue R., Big, W.F.	Oscar J. Griess	Lushton	Pump	Irrig.	.91	29	9	4	York	June	10	1950		4694
Blue R., Big, W.F.	Walter J. Beckman	Lincoln	Pump	Irrig.	.10	3	8	3	Fillmore	Feb.	13	1951		4797
Blue R., Big, W.F.	Barton Cooper	Milford	Pump	Irrig.	.88	32	9	3E	Seward	Oct.	22	1952		5048
Blue R., Big, W.F.	Ray C. Arnold	Trumbull	Pump	Irrig.	.35	17	8	8	Clay	Oct.	30	1952		5058
Blue R., Big, W.F.	Doyle V. Kruetz	Harvard	Pump	Irrig.	.41	20	8	8	Clay	Oct.	30	1952		5059
Blue R., Big, W.F.	George Peters	Stockham	Pump	Irrig.	1.41	29	9	5	Hamilton	Dec.	10	1952		5105
Blue R., Big, W.F.	Edmund W. Ulmer	Grafton	Pump	Irrig.	1.21	35	9	4	York	Jan.	26	1953		5137
Blue R., Big, W.F.	Louis M. Budler	Fairmont	Pump	Irrig.	.73	8	8	3	Fillmore	Mar.	24	1953		5210
Blue R., Big, W.F.	Gideon Redler	Stockham	Pump	Irrig.	.39	26	9	5	Hamilton	Apr.	25	1953		5287
Blue R., Big, W.F.	Helena A. Bieck	Harvard	Pump	Irrig.	.99	8	8	7	Clay	May	28	1953		5333
Blue R., Big, W.F.	Robert Spinar	Crete	Pumps	Irrig.	.81	6	8	4E	Saline	July	20	1953		5398
Blue R., Big, W.F.	Albert E. Van Arsdale	Hastings	Pump	Irrig.	.11	5	7	9	Adams	July	27	1953		5418
Blue R., Big, W.F.	The First Trust Co. of York, Trustee	York	Pump	Irrig.	.38	35	9	3	York	Aug.	3	1953		5442
Blue R., Big, W.F.	William J. Swartz	York	Pumps	Irrig.	.63	1	8	4	Fillmore	Aug.	20	1953		5488
						6	8	3	Fillmore	Aug.	20	1953		5488
Blue R., Big, W.F.	John W. Schwenk	Harvard	Pump	Irrig.	1.62	18	8	7	Clay	Aug.	26	1953		5501
Blue R., Big, W.F.	Louis Tesar	Beaver Cross'g	Pumps	Irrig.	1.43	32	10	1E	Seward	Aug.	27	1953		5510
Blue R., Big, W.F.	Edmund Nuss	Lushton	Pumps	Irrig.	.30	28	9	4	York	Sept.	3	1953		5536
Blue R., Big, W.F.	Edna Fitzke, et al	Harvard	Pump	Irrig.	.56	24	8	8	Clay	Sept.	4	1953		5540
Blue R., Big, W.F.	Dwight L. Lord	McCool Jct.	Pump	Irrig.	.25	18	9	2	York	Sept.	14	1953		5565
Blue R., Big, W.F.	O'Connor Brothers	Fairmont	Pump	Irrig.	.38	8	8	3	Fillmore	Oct.	20	1953		5660
Blue R., Big, W.F.	Smejdir and Smejdir	Milford	Pump	Irrig.	.71	5	8	4E	Saline	Nov.	9	1953		5714

Blue R., Big, W.F.	J. S. Real	Alhambra, Cal.	Pump	Irrig.	.68	7	8	3	Fillmore	Nov.	13	1953		5725
Blue R., Big, W.F.	Irwin E. Friesen	Henderson	Pump	Irrig.	.51	19	9	4	York	Nov.	30	1953		5761
Blue R., Big, W.F.	Paul Becker	Harvard	Pump	Irrig.	.21	3	8	7	Clay	Jan.	4	1954		5844
Blue R., Big, W.F.	Emil F. Semler Est.	Dorchester	Pump	Irrig.	.36	32	9	3E	Seward	Jan.	8	1954		5853
Blue R., Big, W.F.	Harold R. Bellows	Fairmont	Pump	Irrig.	.49	3	8	3	Fillmore	Jan.	16	1954		5871
Blue R., Big, W.F.	Ray Jones	York	Pump	Irrig.	.58	7	9	1	York	Mar.	1	1954		6011
Blue R., Big, W.F.	Homer Eberspacher	Beaver Cross'g	Pump	Irrig.	.38	17	9	2E	Seward	Mar.	3	1954		6024
Blue R., Big, W.F.	Joseph A. Rehor	Beaver Cross'g	Pump	Irrig.	.02	3	9	1E	Seward	Mar.	18	1954		6074
Blue R., Big, W.F.	John B. Buller	Grafton	Pump	Irrig.	.91	35	9	4	York	Mar.	20	1954		6080
Blue R., Big, W.F.	Carl J. Kelch	McCool Jct.	Pump	Irrig.	.31	19	9	2	York	Mar.	22	1954		6084
Blue R., Big, W.F.	Ray C. Arnold and Son	Trumbull	Pump	Irrig.	1.24	17	8	8	Clay	Apr.	20	1954		6235
Blue R., Big, W.F.	Maxon and Hrdy	Friend	Pump	Irrig.		32	10	1E	Seward	Apr.	27	1954		6245
Blue R., Big, W.F.	Adam Kahle	Dorchester	Pumps	Irrig.	.88	11	8	3E	Saline	May	27	1954		6353
Blue R., Big, W.F.	Clarence F. Wood	Waco	Pump	Irrig.	.29	8	9	1	York	June	17	1954		6366
Blue R., Big, W.F.	Mathilda M. Anderson	Lincoln	Pump	Irrig.	.76	12	8	3E	Saline	June	29	1954		6399
Blue R., Big, W.F.	Elmer Burkey	Milford	Pump	Irrig.		31	9	3E	Seward	July	21	1954		6479
Blue R., Big, W.F.	C. C. Lillibridge	Crete	Pump	Irrig.		6	8	4E	Saline	July	23	1954		6485
Blue R., Big, W.F.	Fitzke and Jackson	Harvard	Pump	Irrig.		24	8	8	Clay	July	26	1954		6496
Blue R., Big, W.F.	John E. Regier	Henderson	Pump	Irrig.	.51	19	9	4	York	July	27	1954		6497
Blue R., Big, W.F.	Henry Buscher	Hastings	Pump	Irrig.		35	8	9	Adams	July	28	1954		6503
Blue R., Big, W.F.	Mohlman and Mohlman	Hastings	Pump	Irrig.		35	8	9	Adams	July	28	1954		6505
Blue R., Big, W.F.	Ralph Crawford, et al	Beaver Cross'g	Pump	Irrig.		17	9	2E	Seward	July	28	1954		6506
Blue R., Big, W.F.	Mrs. Maude Barnes	Beaver Cross'g	Pump	Irrig.		12	9	1E	Seward	July	30	1954		6517
Blue R., Big, W.F.	Elsie V. Heckman	Grafton	Pump	Irrig.		35	9	4	York	July	30	1954		6525
Blue R., Big, W.F.	Roy Andrews	Trumbull	Pump	Irrig.		24	8	9	Adams	Aug.	6	1954		6568
Blue R., Big, W.F.	Edward Vrbsky	Crete	Pump	Irrig.	.69	2	8	3E	Saline	Aug.	16	1954		6624
Blue R., Big, W.F., Trib. to	Thos. J. Dredla	Crete	Pump	Irrig.	.16	10	8	3E	Saline	Sept.	25	1939		2975
Blue R., Big, W.F., Branch of	Meadow Brook Golf Club	Hastings	Pump	Irrig.	.46	8	7	9	Adams	Sept.	2	1953		5532
Blue R., Big, W.F., Branch of	Herbert R. Saathoff	Hastings	Pump	Irrig.	1.59	25	8	9	Adams	Nov.	14	1953		5728

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						S	T	R	County	Mo.	D	Yr.		
Blue R., Big, W.F., Branch of	Mrs. R. R. Vance	Hastings	Pump	Irrig.	.30	5	7	9	Adams	Jan.	6	1954		5848
Blue R., Big, W.F., Branch of	Wm. Hohlen	Hastings	Pump	Irrig.		5	7	9	Adams	Mar.	29	1954		6105
Blue R., Big, W.F., Branch of	Wm. H. Van Arsdale	Hastings	Pump	Irrig.	.22	5	7	9	Adams	July	6	1954		6103
Blue R., Big, S.F.	Richard A. Smith, et al	Geneva	Pump	Irrig.	.08	1	8	4	Fillmore	Oct.	11	1941		3518
Crooked Creek	Fred Brinkmeyer	Seward	Pump	Irrig.	.54	16	10	3E	Seward	Feb.	15	1954		5962
Crooked Creek	Mrs. Melzena Nuttleman	Seward	Pumps	York	.79	9	10	3E	Seward	Feb.	26	1954		6001
Cub Creek	Diedrich Keuten	Jansen	Pump	Irrig.	.20	8	3	4E	Jefferson	Nov.	4	1940		3322
Cub Creek	Catherine Von Riesen	Beatrice	Pump	Irrig.	.74	23	4	5E	Gage	Mar.	29	1944		3704
Ground Water	Chris Holm	Hampton	Holm Well	Irrig.		4	10	5	Hamilton	Dec.	3	1940		3340*
Ground Water	Chris Holm	Hampton	Holm Well	Irrig.		4	10	5	Hamilton	Feb.	24	1944		3689*
Ground Water	Scott E. Heinzman	Phillips	Heinzman Well	Irrig.		33	11	8	Hamilton	Feb.	29	1944		3691*
Ground Water	Paul A. Weber	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	Hans M. Eskildsen	Hampton	Eskildsen Well	Irrig.		21	11	5	Hamilton	Mar.	15	1944		3698*
Ground Water	J. Schumacher Estate	Hampton	Peterson Well	Irrig.		28	11	5	Hamilton	Mar.	15	1944		3699*
Ground Water	Daniel Thieszen	Henderson	Thieszen Well	Irrig.		35	10	5	Hamilton	Mar.	31	1944		3705*
Ground Water	Carl G. Bamesberger	Hampton	Bamesberger Well	Irrig.		2	10	5	Hamilton	Apr.	3	1944		3707*
Ground Water	Alvin Purdy	Phillips	Purdy Well	Irrig.		19	11	7	Hamilton	Apr.	11	1944		3710*
Ground Water	C. H. Huenefeld	Aurora	Huenefeld Well	Irrig.		25	10	7	Hamilton	Apr.	17	1944		3713*
Ground Water	Chas. E. Byers, et al	Aurora	Byers Well	Irrig.		31	11	6	Hamilton	Apr.	29	1944		3720*
Ground Water	Harvey E. Otto and Son	Phillips	Otto Well	Irrig.		11	10	8	Hamilton	Dec.	12	1944		3787*

Ground Water	Walter H. Stuhr	York	Stuhr Well No. 1	Irrig.	29	12	2	York	Mar.	31	1945		3820*
Ground Water	C. C. Hansen	Aurora	Hansen Well	Irrig.	15	11	6	Hamilton	Apr.	16	1945		3827*
Ground Water	Edna M. Miller, et al	Dorchester	Miller Well	Irrig.	17	8	3E	Saline	May	7	1945		3830*
Ground Water	Gerhardt W. Klute	Hampton	Klute Well	Irrig.	27	11	5	Hamilton	July	27	1945		3850*
Ground Water	Ernest Daehling	Staplehurst	Daehling Well	Irrig.	33	12	2E	Seward	Apr.	4	1946		3888*
Ground Water	Robert A. Scott	Phillips	Scott Well	Irrig.	28	11	8	Hamilton	May	14	1946		3907*
Ground Water	Cleo Harman	Trumbull	Harman Well No. 1	Irrig.	12	8	9	Adams	Oct.	3	1946		3972*
Ground Water	Cleo Harman	Trumbull	Harman Well No. 2	Irrig.	11	8	9	Adams	Oct.	3	1946		3973*
Ground Water	Cleo Harman	Trumbull	Harman Well No. 3	Irrig.	14	8	9	Adams	Oct.	3	1946		3974*
Ground Water	Wayne W. Harrington	York	Harrington Well	Irrig.	13	12	4	York	Nov.	1	1946		3996*
Ground Water	Eunice Harrington	York	Harrington Well	Irrig.	9	9	1	York	Nov.	1	1946		3997*
Ground Water	Eunice Harrington	York	Harrington Well No. 3	Irrig.	9	9	1	York	Nov.	1	1946		3998*
Ground Water	Ed Andelt, Sr.	Crete	Andelt Well	Irrig.	24	8	3	Saline	Mar.	19	1947		4048*
Ground Water	Ford A. Ellis	Dorchester	Ellis Well	Irrig.	20	8	3E	Saline	Apr.	9	1947		4065*
Ground Water	Chas. Haas	Dorchester	Haas Well	Irrig.	27	8	2E	Saline	May	22	1947		4077*
Ground Water	Harley Warren	Giltner	Warren Well	Irrig.	33	10	6	Hamilton	June	3	1947		4078*
Ground Water	Otto K. Rinderspacher	Hastings	Rinderspacher Well	Irrig.	8	7	8	Clay	June	16	1947		4082*
Ground Water	Paul Goudy	Stromsburg	Goudy Well	Irrig.	14	12	2	York	Dec.	19	1947		4161*
Ground Water	S. E. Heinzman	Phillips	Heinzman Wells	Irrig.	28	11	8	Hamilton	Dec.	29	1947		4163*
					33	11	8	Hamilton	Dec.	29	1947		4163*
Ground Water	Erickson Bros.	Stromsburg	Erickson Bros. Well	Irrig.	6	13	2	Polk	Jan.	8	1948		4171*
Ground Water	W. H. Plucknett	De Witt	Plucknett Well	Irrig.	4	4	5E	Gage	Feb.	3	1948		4199*
Ground Water	Harlan Nickolaus	Stockham	Nickolaus Well	Irrig.	21	9	5	Hamilton	Apr.	6	1948		4240*
Ground Water	Raymond Fenster	Bradshaw	Fenster Well	Irrig.	33	11	4	York	Apr.	30	1948		4253*
Ground Water	Dale Luethji	Bradshaw	Luethji Well	Irrig.	33	11	4	York	Apr.	30	1948		4254*
Ground Water	Elmer H. Richters	Stromsburg	Richters Well No. 1	Irrig.	3	12	3	York	May	22	1948		4269*
Ground Water	Elmer H. Richters	Stromsburg	Richters Well No. 2	Irrig.	30	13	3	Polk	May	22	1948		4270*
Ground Water	Earl L. Strong	Trumbull	Strong Well	Irrig.	2	8	8	Clay	June	15	1948		4287*
Ground Water	Charles F. Adams	Aurora	Adams Well	Irrig.	35	10	8	Hamilton	June	26	1948		4299*
Ground Water	Daniel F. Schulz	Beaver Cross'g	Schulz Well	Irrig.	24	10	1E	Seward	July	29	1948		4315*
Ground Water	August Griess	Sutton	Griess Well	Irrig.	32	9	4	York	Aug.	13	1948		4326*
Ground Water	Max Overturf	Edgar	Overturf Well	Irrig.	18	6	5	Clay	Aug.	16	1948		4327*

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Otto K. Rinderspacher	Hastings	Rinderspacher Well	Irrig.		20	8	9	Adams	Aug.	31	1948		4334*
Ground Water	Nettie Carlson	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	Henry Pomojzl	Crete	Pomojzl Well	Irrig.		17	8	4E	Saline	Dec.	15	1948		4402*
Ground Water	R. H. Kreutz	Giltner	Kreutz Well	Irrig.		33	10	8	Hamilton	July	29	1949		4494*
Ground Water	Archie H. McAlpin	Friend	McAlpin Well	Irrig.		9	8	2E	Saline	Aug.	12	1949		4499*
Ground Water	George Vetter	Aurora	Vetter Well No. 1	Irrig.		34	11	7	Hamilton	Nov.	25	1949		4536*
Ground Water	George Vetter	Aurora	Vetter Well No. 2	Irrig.		24	12	7	Hamilton	Nov.	25	1949		4537*
Ground Water	George Vetter	Aurora	Vetter Well No. 3	Irrig.		33	12	6	Hamilton	Nov.	25	1949		4538*
Ground Water	Albert Hoegh	Hampton	Hoegh Well	Irrig.		29	12	5	Hamilton	Jan.	5	1950		4564*
Ground Water	Rasmussen and Frazier	Fairmont	Rasmussen-Frazier Well	Irrig.		29	8	2	Fillmore	Feb.	3	1950		4585*
Ground Water	Henry Rath	Grafton	Rath Well	Irrig.		4	8	4	Fillmore	Feb.	24	1950		4604*
Ground Water	Oscar J. Griess	Lushton	Griess Well	Irrig.		29	9	4	York	Feb.	24	1950		4605*
Ground Water	Albert Oswald	Aurora	Oswald Well No. 1	Irrig.		15	10	7	Hamilton	Mar.	1	1950		4610*
Ground Water	Albert Oswald	Aurora	Oswald Well No. 2	Irrig.		12	10	7	Hamilton	Mar.	1	1950		4611*
Ground Water	Albert Oswald	Aurora	Oswald Well No. 3	Irrig.		15	10	7	Hamilton	Mar.	1	1950		4612*
Ground Water	Wilbur Schlechte	Waco	Schlechte Well	Irrig.		35	11	1	York	Apr.	19	1950		4646*
Ground Water	Alice M. Otto	Bradshaw	Otto Well No. 1	Irrig.		25	11	4	York	May	2	1950		4667*
Ground Water	Alice M. Otto	Bradshaw	Otto Well No. 2	Irrig.		24	11	4	York	May	2	1950		4668*
Ground Water	Peter A. Meehan	York	Meehan Well	Irrig.		24	12	3	York	July	24	1950		4728*
Ground Water	W. H. Plucknett	De Witt	Plucknett Well	Irrig.		4	4	5	Gage	July	26	1950		4729*
Ground Water	Geo. C. Meier	Hanover, Kas.	Meier Well	Irrig.		31	8	2	Fillmore	Oct.	18	1950		4757*
Ground Water	Harlan J. Nickolaus	Stockham	Nickolaus Well	Irrig.		16	9	5	Hamilton	Dec.	9	1950		4775*
Ground Water	G. E. Gaymon	Hastings	Gaymon Well	Irrig.		15	8	9	Adams	Dec.	15	1950		4778*
Ground Water	Paul Schuster	Phillips	Schuster Well	Irrig.		22	10	8	Hamilton	Feb.	20	1951		4803*
Ground Water	Adolph Stehlik	Dorchester	Stehlik Well	Irrig.		32	8	3E	Saline	Feb.	24	1951		4806*
Ground Water	Roy Andrews	Trumbull	Andrews Well	Irrig.		7	8	8	Clay	Apr.	19	1951		4847*
Ground Water	Carl R. Anderson	Hastings	Anderson Well	Irrig.		26	9	9	Hall	Mar.	25	1952		4953*
Ground Water	Carl Stehlik	Dorchester	Stehlik Well	Irrig.		22	8	3E	Saline	May	23	1952		4970*

Ground Water	Walter Maser	Sutton	Maser Well	Irrig.		6	7	4	Fillmore	Oct.	30	1952		5055*
Ground Water	Ervin Schmer	Sutton	Schmer Well	Irrig.		5	7	4	Fillmore	Oct.	30	1952		5056*
Ground Water	Ervin Schmer	Sutton	Schmer Well	Irrig.		7	7	4	Fillmore	Oct.	30	1952		5057*
Ground Water	Harold F. Oswald	Aurora	Oswald Well	Irrig.		11	10	7	Hamilton	Nov.	1	1952		5061*
Ground Water	Mrs. Alice V. McKelvie	Fairfield	McKelvie Well	Irrig.		11	6	7	Clay	Nov.	17	1952		5073*
Ground Water	Edgar Shultz	Doniphan	Shultz Well	Irrig.		11	9	9	Hall	Mar.	26	1953		5216*
Ground Water	Harold Breitenfeldt	Doniphan	Breitenfeldt Well	Irrig.		8	9	8	Hamilton	Mar.	26	1953		5217*
Ground Water	J. V. Frank	Harvard	Frank Well	Irrig.		16	8	7	Clay	Apr.	1	1953		5233*
Ground Water	George Peters	Stockham	Peters Well	Irrig.		29	9	5	Hamilton	Apr.	3	1953		5240*
Ground Water	Earl J. Oswald	Aurora	Oswald Well No. 1	Irrig.		2	10	7	Hamilton	Apr.	3	1953		5242*
Ground Water	Earl J. Oswald	Aurora	Oswald Well No. 2	Irrig.		2	10	7	Hamilton	Apr.	3	1953		5243*
Ground Water	Samuel J. Beaver, et al.	York	Beaver Well	Irrig.		23	11	2	York	Apr.	7	1953		5249*
Ground Water	Robert E. Donahue	Inland	Donahue Well	Irrig.		4	7	8	Clay	Apr.	25	1953		5286*
Ground Water	Margaret L. Murray	Hastings	Murray Well	Irrig.		7	8	8	Clay	May	6	1953		5310*
Ground Water	Calvin Hansen	Hampton	Hansen Well	Irrig.		28	12	5	Hamilton	May	12	1953		5314*
Ground Water	E. A. Hoegh	Aurora	Hoegh Well	Irrig.		29	12	5	Hamilton	June	11	1953		5351*
Ground Water	Howard White	Friend	White Well	Irrig.		10	13	1	Polk	June	19	1953		5357*
Ground Water	George G. Ablott	Inland	Ablott Well	Irrig.		10	7	8	Clay	July	13	1953		5390*
Ground Water	John Brenneman	Harvard	Brenneman Well	Irrig.		28	8	7	Clay	July	20	1953		5397*
Ground Water	Joe Peshek	Fairfield	Peshek Well	Irrig.		36	6	8	Clay	July	21	1953		5401*
Ground Water	Donald B. Steenburg	Aurora	Steenburg Well	Irrig.		16	10	8	Hamilton	July	24	1953		5410*
Ground Water	E. K. Steenburg	Aurora	Steenburg Well	Irrig.		17	11	5	Hamilton	July	24	1953		5411*
Ground Water	E. K. Steenburg	Aurora	Steenburg Well	Irrig.		20	10	6	Hamilton	July	24	1953		5412*
Ground Water	E. K. Steenburg	Aurora	Steenburg Well	Irrig.		9	10	8	Hamilton	July	24	1953		5413*
Ground Water	Lew S. Yost	Harvard	Yost Well	Irrig.		27	7	7	Clay	July	28	1953		5424*
Ground Water	Robert H. Kinyoun	Clay Center	Kinyoun Well	Irrig.		22	7	7	Clay	July	31	1953		5432*
Ground Water	George Schleiger	Harvard	Schleiger Well	Irrig.		9	8	6	Clay	Aug.	3	1953		5444*
Ground Water	Mrs. Agnes L. Williamson	Clay Center	Williamson Well	Irrig.		35	7	7	Clay	Aug.	4	1953		5445*
Ground Water	Mrs. Agnes L. Williamson	Clay Center	Williamson Well	Irrig.		7	6	6	Clay	Aug.	4	1953		5446*
Ground Water	Milton Brigham	Seward	Brigham Well	Irrig.		20	11	2E	Seward	Aug.	10	1953		5455*
Ground Water	Arthur Pariset	Beaver Cross g.	Pariset Well	Irrig.		26	10	1E	Seward	Aug.	12	1953		5466*

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Bryce D. Tracy	Bradshaw	Tracy Well	Irrig.		25	11	4	York	Aug.	12	1953		5469*
Ground Water	Herman I. Friesen	Henderson	Friesen Well	Irrig.		23	10	4	York	Aug.	12	1953		5470*
Ground Water	Albert Theo. Boom	Sutton	Boom Well	Irrig.		15	7	5	Clay	Aug.	14	1953		5473*
Ground Water	H. J. Hoegh	Hampton	Hoegh Well	Irrig.		29	12	5	Hamilton	Aug.	18	1953		5484*
Ground Water	Albert Hultine	Saronville	Hultine Well	Irrig.		35	8	6	Clay	Aug.	26	1953		5502*
Ground Water	Woodraw J. Berck	Marquette	Berck Well No. 1	Irrig.		16	12	6	Hamilton	Aug.	26	1953		5504*
Ground Water	Ernest Ormsby	Clay Center	Ormsby Well	Irrig.		7	8	8	Clay	Sept.	2	1953		5533*
Ground Water	Preissler and Preissler	Harvard	Preissler Well	Irrig.		1	8	8	Clay	Sept.	4	1953		5539*
Ground Water	George C. Schwenk	Harvard	Schwenk Well	Irrig.		13	8	8	Clay	Sept.	4	1953		5541*
Ground Water	Warren W. Nilson	Marquette	Nilson Well No. 1	Irrig.		3	12	6	Hamilton	Sept.	8	1953		5546*
Ground Water	Philip Diedrich	Geneva	Diederich Well	Irrig.		7	6	3	Fillmore	Sept.	8	1953		5550*
Ground Water	George C. Rinder	Hastings	Rinder Well No. 1	Irrig.		20	8	9	Adams	Sept.	8	1953		5552*
Ground Water	George C. Rinder	Hastings	Rinder Well No. 2	Irrig.		8	7	8	Clay	Sept.	8	1953		5553*
Ground Water	Mary M. & H. B. Muffly	Lincoln	Muffly Well	Irrig.		15	12	4	York	Sept.	11	1953		5559*
Ground Water	Ray O'Donnell	Trumbull	O'Donnell Well	Irrig.		17	8	8	Clay	Sept.	16	1953		5574*
Ground Water	Mrs. Adelaide Peterson	Aurora	Peterson Well	Irrig.		31	10	6	Hamilton	Sept.	19	1953		5583*
Ground Water	Byers Joint Venture	Aurora	Byers Well	Irrig.		31	11	6	Hamilton	Sept.	19	1953		5584*
Ground Water	Charles W. Roback	Inland	Roback Well No. 1	Irrig.		10	7	8	Clay	Sept.	22	1953		5588*
Ground Water	Harry E. Hansen	Beaver Cross'g	Hansen Well	Irrig.		33	10	1E	Seward	Sept.	23	1953		5599*
Ground Water	Victor Englehardt	Saronville	Englehardt Well	Irrig.		27	8	6	Clay	Sept.	22	1953		5600*
Ground Water	Chris Holm	Lincoln	Holm Well	Irrig.		4	10	5	Hamilton	Oct.	1	1953		5618*
Ground Water	J. J. Kroeker	Henderson	Kroeker Well	Irrig.		20	10	4	York	Oct.	13	1953		5643*
Ground Water	George Pauley	Harvard	Pauley Well	Irrig.		2	7	7	Clay	Oct.	13	1953		5644*
Ground Water	Richard A. Smith	Geneva	Smith Well	Irrig.		34	8	4	Fillmore	Oct.	17	1953		5649*
Ground Water	C. A. Kemper	Aurora	Kemper Well	Irrig.		5	10	6	Hamilton	Oct.	23	1953		5668*
Ground Water	S. J. Kramer	Shenandoah, Iowa	Kramer Well	Irrig.		3	8	9	Adams	Oct.	24	1953		5669*
Ground Water	Kenneth Turner	Trumbull	Turner Well	Irrig.		18	8	8	Clay	Oct.	26	1953		5673*
Ground Water	Theodore R. Nelson	Clay Center	Nelson Well	Irrig.		9	6	6	Clay	Oct.	27	1953		5679*

Ground Water	Russell Brown	Trumbull	Brown Well	Irrig.		4	8	8	Clay	Oct.	29	1953		5682*
Ground Water	L. C. Beyer	Marquette	Beyer Well	Irrig.		21	12	5	Hamilton	Nov.	3	1953		5700*
Ground Water	Robert E. Kinyoun	Clay Center	Kinyoun Well	Irrig.		30	7	6	Clay	Nov.	10	1953		5716*
Ground Water	Claude A. Lefler	Fairmont	Lefler Well	Irrig.		19	8	2	Fillmore	Nov.	10	1953		5717*
Ground Water	Guy V. Watt	Bradshaw	Watt Well	Irrig.		35	11	4	York	Nov.	12	1953		5720*
Ground Water	E. E. George	Hampton	George Well	Irrig.		24	10	6	Hamilton	Nov.	20	1953		5737*
Ground Water	Delbert D. Danhauer	Marquette	Danhauer Well	Irrig.		18	12	6	Hamilton	Nov.	20	1953		5738*
Ground Water	E. E. George	Hampton	George Well	Irrig.		24	10	6	Hamilton	Nov.	20	1953		5739*
Ground Water	Harry Frank	Harvard	Frank Well	Irrig.		21	8	7	Clay	Nov.	24	1953		5748*
Ground Water	Melvin H. Springer	Giltner	Springer Well	Irrig.		11	9	8	Hamilton	Nov.	27	1953		5758*
Ground Water	Ralph Budnick	Hampton	Budnick Well	Irrig.		2	11	5	Hamilton	Dec.	2	1953		5766*
Ground Water	Raymond Parpart	Hampton	Parpart Well	Irrig.		13	11	5	Hamilton	Dec.	4	1953		5770*
Ground Water	Glenn P. Rader	Trumbull	Rader Well	Irrig.		8	8	8	Clay	Dec.	9	1953		5785*
Ground Water	Elmer Mowitz	Hampton	Wowitz Well	Irrig.		34	12	5	Hamilton	Dec.	16	1953		5794*
Ground Water	George Vetter	Aurora	Vetter Well No. 4	Irrig.		34	12	6	Hamilton	Dec.	17	1953		5803*
Ground Water	Ivor Samuelson	Trumbull	Samuelson Well	Irrig.		13	8	9	Adams	Dec.	18	1953		5804*
Ground Water	Herman Wall	Hampton	Wall Well	Irrig.		7	11	5	Hamilton	Dec.	22	1953		5812*
Ground Water	Gene M. Mundorff	Clay Center	Mundorff Well	Irrig.		24	7	7	Clay	Dec.	28	1953		5822*
Ground Water	Peter G. Kroeker	Hampton	Kroeker Well	Irrig.		16	10	5	Hamilton	Jan.	4	1954		5841*
Ground Water	Leo Wolvin	Seward	Wolvin Well	Irrig.		6	11	2E	Seward	Jan.	7	1954		5852*
Ground Water	Eldon G. Epp	Aurora	Epp Well	Irrig.		6	9	5	Hamilton	Jan.	11	1954		5860*
Ground Water	Arnold Livgren	Clay Center	Livgren Well	Irrig.		5	6	6	Clay	Jan.	22	1954		5887*
Ground Water	Henry Pomajzl	Crete	Pomajzl Well	Irrig.		22	8	3E	Saline	Jan.	22	1954		5890*
Ground Water	Tom Ewalt	Geneva	Ewalt Well	Irrig.		21	6	3	Fillmore	Jan.	28	1954		5907*
Ground Water	Henry A. Buller	Stockham	Buller Well	Irrig.		3	9	5	Hamilton	Feb.	1	1954		5918*
Ground Water	Alvin W. Buller	Stockham	Buller Well	Irrig.		4	9	5	Hamilton	Feb.	1	1954		5919*
Ground Water	Isaac H. Goertzen	Hampton	Goertzen Well	Irrig.		29	10	5	Hamilton	Feb.	1	1954		5921*
Ground Water	J. C. Ediger	Henderson	Ediger Well	Irrig.		17	10	4	York	Feb.	2	1954		5925*
Ground Water	Bruce T. Arnold	Aurora	Arnold Well	Irrig.		32	10	6	Hamilton	Feb.	2	1954		5926*
Ground Water	A. W. Larson	Stromsburg	Larson Well	Irrig.		21	13	3	Polk	Feb.	3	1954		5931*
Ground Water	Isaac E. Braun	Hampton	Braun Wells	Irrig.		15	10	5	Hamilton	Feb.	4	1954		5935*
						4	10	5	Hamilton	Feb.	4	1954		5935*

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Lillian Holmes	Indianapolis, Ind.	Holmes Well	Irrig.		8	8	8	Clay	Feb.	5	1954		5937*
Ground Water	Irvin Javorsky, et al	Wilber	Javorsky Well	Irrig.		25	6	3E	Saline	Feb.	6	1954		5941*
Ground Water	N. L. Parsons	Grafton	Parsons Well	Irrig.		2	8	4	Fillmore	Feb.	9	1954		5945*
Ground Water	Jacob Leonhardt, Jr.	Hansen	Leonhardt Well	Irrig.		6	8	9	Adams	Feb.	10	1954		5949*
Ground Water	Melvin D. Dey	Gresham	Dey Well	Irrig.		2	12	1	York	Feb.	23	1954		5976*
Ground Water	Henry W. Scheele	Gresham	Scheele Well	Irrig.		5	12	1	York	Feb.	23	1954		5977*
Ground Water	Bond and Bond	Gresham	Bond Well	Irrig.		20	13	1	Polk	Feb.	24	1954		5980*
Ground Water	George H. Bond, et al	Gresham	Bond Well	Irrig.		20	13	1	Polk	Feb.	24	1954		5981*
Ground Water	Herman Teitmeyer, Jr.	York	Teitmeyer Well	Irrig.		18	11	2	York	Feb.	25	1954		5990*
Ground Water	Donald D. Lock	Beatrice	Lock Well	Irrig.		13	2	6E	Gage	Feb.	26	1954		5998*
Ground Water	Harold Everts	Grafton	Everts Well	Irrig.		23	7	4	Fillmore	Feb.	26	1954		6000*
Ground Water	Bernard Budler	Bradshaw	Budler Well	Irrig.		10	10	4	York	Mar.	2	1954		6013*
Ground Water	John Troester	Hampton	Troester Well	Irrig.		19	10	5	Hamilton	Mar.	3	1954		6019*
Ground Water	John Troester	Hampton	Troester Well	Irrig.		8	10	5	Hamilton	Mar.	3	1954		6020*
Ground Water	John Troester	Hampton	Troester Well	Irrig.		36	11	5	Hamilton	Mar.	3	1954		6021*
Ground Water	John Troester	Hampton	Troester Well	Irrig.		19	10	5	Hamilton	Mar.	3	1954		6022*
Ground Water	John Troester	Hampton	Troester Well	Irrig.		7	11	4	York	Mar.	3	1954		6023*
Ground Water	Donald C. Enderle	Aurora	Enderle Well	Irrig.		9	11	6	Hamilton	Mar.	4	1954		6033*
Ground Water	John Ripa	Wilber	Ripa Well	Irrig.		4	6	4E	Saline	Mar.	4	1954		6034*
Ground Water	M. G. Lindburg	Polk	Lindburg Well	Irrig.		16	13	4	Polk	Mar.	8	1954		6042*
Ground Water	Joe Pomajzl	Crete	Pomajzl Well	Irrig.		7	8	4E	Saline	Mar.	11	1954		6055*
Ground Water	Edmund W. Ulmer	Grafton	Ulmer Well	Irrig.		35	9	4	York	Mar.	12	1954		6058*
Ground Water	Royal E. Anderson	Geneva	Anderson Well	Irrig.		7	6	2	Fillmore	Mar.	15	1954		6060*
Ground Water	Kirkpatrick Brothers	York	Kirkpatrick Well	Irrig.		3	11	4	York	Mar.	17	1954		6072*
Ground Water	Vic Rogers	York	Rogers Well	Irrig.		26	2	1	York	Mar.	30	1954		6111*
Ground Water	Carl H. Dahlsten	Clay Center	Dahlsten Well	Irrig.		6	6	6	Clay	Mar.	30	1954		6127*
Ground Water	Merlin Askey	Trumbull	Askey Well	Irrig.		20	9	8	Hamilton	Mar.	30	1954		6129*

Ground Water	E. K. Steenburg	Aurora	Steenburg Well	Irrig.	9	10	8	Hamilton	Mar.	30	1954	6140*
Ground Water	E. K. Steenburg	Aurora	Steenburg Well	Irrig.	18	11	5	Hamilton	Mar.	30	1954	6141*
Ground Water	Leonard J. Kellough	Friend	Kellough Well	Irrig.	15	8	2E	Saline	Mar.	30	1954	6146*
Ground Water	Cloyde C. Mankin	Aurora	Mankin Well	Irrig.	6	10	6	Hamilton	Mar.	30	1954	6147*
Ground Water	Jacob Leonhardt	Hastings	Leonhardt Well	Irrig.	5	8	9	Adams	Mar.	30	1954	6150*
Ground Water	Floyd A. Walford	Gresham	Walford Well	Irrig.	24	12	1	York	Mar.	30	1954	6154*
Ground Water	John Dondlinger	Shickley	Dondlinger Well	Irrig.	23	6	4	Fillmore	Apr.	14	1954	6187*
Ground Water	Harry L. Berger	Waco	Berger Well	Irrig.	27	10	1	York	Apr.	14	1954	6189*
Ground Water	Hays Farm	York	Hays Well	Irrig.	20	11	2	York	Apr.	14	1954	6191*
Ground Water	Heinzman Brothers	Phillips	Heinzman Well	Irrig.	33	11	8	Hamilton	Apr.	14	1954	6201*
Ground Water	Frank Vetter	Aurora	Vetter Well	Irrig.	19	10	7	Hamilton	Apr.	29	1954	6254*
Ground Water	Harold Volzke	Utica	Volzke Well	Irrig.	7	11	1E	Seward	Apr.	29	1954	6257*
Ground Water	Albert Davis	Grand Island	Davis Well	Irrig.	30	6	8	Clay	Apr.	30	1954	6270*
Ground Water	Albert Davis	Grand Island	Davis Well	Irrig.	19	6	8	Clay	Apr.	30	1954	6271*
Ground Water	Lester Van Greuningen	Adams	Greuningen Well	Irrig.	5	6	8E	Gage	May	14	1954	6292*
Ground Water	M. L. Burnham	Adams	Burnham Well	Irrig.	22	6	8E	Gage	May	14	1954	6297*
Ground Water	Lawrence Youngland	York	Youngland Well	Irrig.	31	12	2	York	May	14	1954	6299*
Ground Water	Solomon Ochsner	Sutton	Ochsner Well	Irrig.	34	9	5	Hamilton	May	14	1954	6302*
Ground Water	Arline Wilcox, et al	Lincoln	Wilcox Well	Irrig.	15	7	4E	Saline	May	27	1954	6326*
Ground Water	Guy Phelps	Exeter	Phelps Well	Irrig.	4	9	1	York	May	27	1954	6328*
Ground Water	Federal Bridgman	Fairmont	Bridgman Well	Irrig.	15	8	2	Fillmore	May	27	1954	6329*
Ground Water	Otto Fette	Dorchester	Fette Well	Irrig.	10	8	3E	Saline	May	27	1954	6334*
Ground Water	Alfred Gabel	Shelby	Gabel Well	Irrig.	7	14	1	Polk	June	24	1954	6372*
Ground Water	Albertus N. Lay	Glenvil	Lay Well	Irrig.	22	6	9	Adams	June	24	1954	6376*
Ground Water	Duane Gabel	Osceola	Gabel Well	Irrig.	14	14	2	Polk	June	24	1954	6377*
Ground Water	Theo. Jessen	Grand Island	Jessen Well	Irrig.	20	10	8	Hamilton	June	24	1954	6391*
Ground Water	W. A. Chapman	York	Chapman Well	Irrig.	1	12	4	York	July	20	1954	6436*
Ground Water	Jean B. Desch	York	Desch Well	Irrig.	34	12	4	York	July	20	1954	6443*
Ground Water	Foster Alma	David City	Alma Well	Irrig.	13	13	1	Polk	July	20	1954	6444*
Ground Water	Carl Bernard Jensen	Marquette	Jensen Well	Irrig.	17	12	5	Hamilton	July	20	1954	6461*
Ground Water	Esther A. Smith	Aurora	Smith Well	Irrig.	6	10	6	Hamilton	July	31	1954	6530*

*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	J. P. Cunningham Co.	York	Cunningham Well	Irrig.		28	11	2	York	July	31	1954		6531*
Ground Water	J. P. Cunningham Co.	York	Cunningham Well	Irrig.		21	11	2	York	July	31	1954		6532*
Ground Water	Harry P. Epp	Henderson	Epp Well	Irrig.		23	10	5	Hamilton	July	31	1954		6545*
Ground Water	Clayton Wanek	Aurora	Wanek Well	Irrig.		34	11	7	Hamilton	July	31	1954		6546*
Ground Water	John C. Quiring	Henderson	Quiring Well	Irrig.		13	10	5	Hamilton	July	31	1954		6547*
Ground Water	Miller and Wilken	Hastings	Miller and Wilken Well	Irrig.		23	9	9	Hall	July	31	1954		6548*
Ground Water	Lysle E. Hopwood	Shelby	Hopwood Well	Irrig.		16	14	1	Polk	July	31	1954		6549*
Ground Water	C. F. Hoffscheider	Waco	Hoffscheider Well	Irrig.		11	9	1	York	Aug.	14	1954		6588*
Ground Water	Morris C. Johnson	Stromsburg	Johnson Well	Irrig.		35	14	3	Polk	Aug.	14	1954		6591*
Ground Water	Leo Kresha	Osceola	Kresha Well	Irrig.		22	15	2	Polk	Aug.	14	1954		6593*
Ground Water	Samuel J. Beaver	York	Beaver Well	Irrig.		26	11	2	York	Aug.	14	1954		6599*
Ground Water	Duane Tatro	Geneva	Tatro Well	Irrig.		19	7	2	Fillmore	Aug.	14	1954		6601*
Ground Water	Otto C. Kleier	Hastings	Kleier Well	Irrig.		21	8	9	Adams	Aug.	14	1954		6602*
Ground Water	Albert A. Franz	Henderson	Franz Well	Irrig.		16	10	4	York	Aug.	14	1954		6607*
Ground Water	Otto A. Kostal	Hastings	Kostal Well	Irrig.		3	9	7	Hamilton	Aug.	14	1954		6612*
Ground Water	Otto A. Kostal	Hastings	Kostal Well	Irrig.		34	10	7	Hamilton	Aug.	14	1954		6613*
Ground Water	Otto A. Kostal	Hastings	Kostal Well	Irrig.		33	10	7	Hamilton	Aug.	14	1954		6614*
Ground Water	Otto A. Kostal	Hastings	Kostal Well	Irrig.		4	9	7	Hamilton	Aug.	14	1954		6615*
Ground Water	Herman Everts	Grafton	Everts Well	Irrig.		22	7	4	Fillmore	Aug.	14	1954		6616*
Ground Water	William Kamler, Sr.	Geneva	Kamler Well	Irrig.		26	6	4	Fillmore	Aug.	27	1954		6648*
Ground Water	W. C. Pence	York	Pence Well	Irrig.		29	11	2	York	Aug.	27	1954		6650*
Ground Water	William A. Hahle	Aurora	Hahle Well	Irrig.		5	9	5	Hamilton	Aug.	27	1954		6673*
Ground Water	Abel Investment Co.	Lincoln	Abel Well No. 1	Irrig.		20	10	2E	Seward	Sept.	28	1954		6729*
Ground Water	L. E. Hurtz	Omaha	Hurtz Well	Irrig.		1	11	7	Hamilton	Sept.	28	1954		6730*
Ground Water	Ruth Hart	Los Angeles, Calif.	Hart Well	Irrig.		25	10	6	Hamilton	Sept.	28	1954		6731*
Ground Water	Albert Schultz	Aurora	Schultz Well	Irrig.		13	10	8	Hamilton	Sept.	28	1954		6734*
Ground Water	Mary L. Heuermann	Grand Island	Heuermann Well	Irrig.		31	11	7	Hamilton	Sept.	30	1954		6744*

Indian Creek (See Spring Branch)	Alvin M. Fink	Lincoln	Pump	Irrig.	.10	25	2	6E	Gage	Feb.	23	1935		2518
Indian Creek	Clyde Sailing	Wymore	Pump	Irrig.	.21	25	2	6E	Gage	Sept.	4	1947		4104
Indian Creek	Allington Farms	Blue Springs	Pump	Irrig.	.34	17	1	6E	Gage	Mar.	4	1954		6027
Indian Creek	Allington Farms	Blue Springs	Allington Reservoir	Storage		17	1	6E	Gage	Apr.	7	1954		6165
Indian Creek	David O. Boesiger Estate	Cortland	Boesiger Reservoir	Storage	†76 AF	30	6	7E	Gage	May	21	1954		6316
Lincoln Creek	Thorp and Harris	Thayer	Thayer Mill	Power		25	12	2	York				1053*	
Lincoln Creek	Fred Ritterbush	Seward	Pumps	Irrig.	.67	33	12	2E	Seward	Nov.	22	1934		2496
						4	11	2E	Seward	Nov.	22	1934		2496
Lincoln Creek	Ernest Daehling	Staplehurst	Pump	Irrig.	.36	33	12	2E	Seward	July	22	1937		2764
Lincoln Creek	Marie Ficken	Seward	Pump No. 1	Irrig.	.31	20	11	3E	Seward	July	27	1937		2765
Lincoln Creek	Lee M. Nelson	Rochester, Minnesota	Pumps	Irrig.	.34	13	11	2E	Seward	Aug.	18	1937		2773
					.32	24	11	2E	Seward	Aug.	18	1937		2773
Lincoln Creek	J. F. Curry	Seward	Pump	Irrig.	.94	19	11	3E	Seward	Apr.	12	1938		2861
Lincoln Creek	Herman F. Kruse, et al	Seward	Pump	Irrig.	.81	19	11	3E	Seward	Sept.	12	1938		2883
Lincoln Creek	Lowell L. Lindstrom	Waco	Pump	Irrig.	.36	21	12	1	York	Nov.	8	1939		3013
Lincoln Creek	Wm. Zieme	Utica	Pump	Irrig.	.26	31	12	1E	Seward	Dec.	1	1939		3034
Lincoln Creek	Mrs. Dorothy Jones	Seward	Pump	Irrig.	.28	13	11	2E	Seward	Dec.	11	1939		3045
Lincoln Creek	Louis Schneebeck	Seward	Pump	Irrig.	.46	24	11	2E	Seward	Dec.	18	1939		3056
Lincoln Creek	J. F. Curry	Seward	Pump	Irrig.	1.15	19	11	3E	Seward	Feb.	28	1940		3097
Lincoln Creek	Mrs. Chas. H. Mayland	Staplehurst	Pump No. 2	Irrig.	.36	11	11	2E	Seward	July	30	1940		3223
Lincoln Creek	Cora Belle Parker	Utica	Pump	Irrig.	.35	34	12	2	York	Sept.	16	1940		3266
Lincoln Creek	Donald B. Steenburg	Aurora	Pumps	Irrig.	.34	2	10	6	Hamilton	Sept.	27	1940		3276
Lincoln Creek	Ernest Winkelmann	York	Pump	Irrig.	.28	14	11	3	York	Oct.	21	1940		3303
Lincoln Creek	Louis Schneebeck	Seward	Pump	Irrig.	.37	24	11	2E	Seward	Oct.	21	1940		3304
Lincoln Creek	M. A. Hurlbut, et al	York	Pump	Irrig.	.56	19	11	2	York	Aug.	5	1941		3481
Lincoln Creek	Frank E. Edgerton	Aurora	Pump	Irrig.	.68	30	11	5	Hamilton	Sept.	9	1943		3644
Lincoln Creek	Geo. C. Frank	York	Pump	Irrig.	.31	35	12	2	York	Feb.	19	1946		3874
Lincoln Creek	C. E. Lusk	York	Pump	Irrig.	.88	3	11	2	York	Oct.	23	1947		4134
Lincoln Creek	Herman Tietmeyer	York	Pump	Irrig.	.48	18	11	2	York	Dec.	18	1947		4159

*Application not approved or claim not adjudicated.
†Reservoir capacity alleged by applicant.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Lincoln Creek	Milo Slezak	York	Pump	Irrig.	.37	8	11	2	York	May	11	1948		4264
Lincoln Creek	Carl Scamehorn	York	Pump	Irrig.	.19	10	11	3	York	June	25	1948		4298
Lincoln Creek	Walter G. Griess	Hampton	Pump	Irrig.	.17	22	11	5	Hamilton	Nov.	24	1948		4374
Lincoln Creek	Arnold S. Heiden	York	Pump	Irrig.	.32	34	12	2	York	Dec.	14	1948		4399
Lincoln Creek	Myron W. Osborne	Bradshaw	Pump	Irrig.	.44	14	11	4	York	Feb.	4	1949		4426
Lincoln Creek	Armin A. Grosse	Utica	Pump	Irrig.	.69	27	12	1E	Seward	Jan.	20	1950		4576
Lincoln Creek	Sarah M. Davis	York	Pump	Irrig.	.31	9	11	3	York	June	12	1950		4695
Lincoln Creek	Mrs. Earl Romsdal	York	Pump	Irrig.	.52	10	11	3	York	June	14	1950		4702
Lincoln Creek	L. O. Livingston	York	Pump	Irrig.	.58	26	12	2	York	Jan.	26	1951		4791
Lincoln Creek	Carl G. Bedient	Thayer	Pump	Irrig.	**.21	25	12	2	York	Jan.	26	1951		4792
Lincoln Creek	Fred Enderle	Aurora	Pump	Irrig.	.53	30	11	5	Hamilton	Nov.	3	1952		5063
Lincoln Creek	Ewald Gehle	Seward	Pump	Irrig.	.54	13	11	2E	Seward	July	29	1953		5427
Lincoln Creek	Victor Roebke	Staplehurst	Pump	Irrig.	.73	10	11	2E	Seward	Nov.	3	1953		5701
Lincoln Creek	Donald Wahl	Bradshaw	Pump	Irrig.	.52	21	11	4	York	Nov.	14	1953		5730
Lincoln Creek	Erich Ringler	Staplehurst	Pump	Irrig.	.64	35	12	1E	Seward	Jan.	20	1954		5883
Lincoln Creek	Henry Suhr	Staplehurst	Pump	Irrig.	.64	3	11	2E	Seward	Mar.	1	1954		6010
Lincoln Creek	Peter Schoepf	Staplehurst	Pump	Irrig.	.49	33	12	2E	Seward	Mar.	9	1954		6043
Lincoln Creek	Ewald Gehle	Seward	Pump	Irrig.	.21	14	11	2E	Seward	Mar.	15	1954		6064
Lincoln Creek	Ernest Winklemann	York	Pump	Irrig.	.76	14	11	3	York	Apr.	8	1954		6168
Lincoln Creek	Henry Kruse	Seward	Pump	Irrig.	.99	19	11	3E	Seward	Apr.	19	1954		6233
Lincoln Creek	Gerald H. Richters	Utica	Pump	Irrig.		32	12	1E	Seward	July	29	1954		6509
Lincoln Creek, Ravine, Trib. to	Lorena Wolvin	Seward	Wolvin Reservoir No. 1	Storage		6	11	2E	Seward	Feb.	10	1949		4430*
Lincoln Creek, Ravine, Trib. to	Lorena Wolvin	Seward	Wolvin Reservoir No. 2	Storage		6	11	2E	Seward	Feb.	10	1949		4432*
Lincoln Creek, Ravine, Trib. to	Myron W. Osborn	Bradshaw	Osborn Reservoir	Storage		14	11	4	York	Nov.	25	1953		5753
Middle Creek	Mrs. Matilda Luebbe	Pleasant Dale	Pump	Irrig.	.61	36	11	4E	Seward	July	21	1953		5405

Osborn Reservoir	Myron W. Osborn	Bradshaw	Pump	Stor-only			14	11	4	York	Nov.	25	1953		5754
Plum Creek	Allen Acton	Liberty	Pump	Irrig.			1	1	8E	Gage	July	21	1954		6481
School Creek	Tom Fitzgerald	Grafton	Pump	Irrig.		.05	20	8	4	Fillmore	June	3	1942		3572
School Creek	Margaret E. Schaldecker	Grafton	Pump	Irrig.		.64	2	8	4	Fillmore	Aug.	11	1953		5463
School Creek	Ralph Vauck	Sutton	Pump	Irrig.		.04	17	8	4	Fillmore	Aug.	14	1953		5472
School Creek	Elsie V. Heckman	Grafton	Pump	Irrig.			1	8	4	Fillmore	July	30	1954		6524
Siedhoff Reservoir	Henry Siedhoff	Crete	Siedhoff Canal	Stor-only			30	8	4E	Saline	Nov.	12	1949		4545
Sleepy Hollow, Ravine, Trib. to	Calvin J. Miller	Utica	Miller Reservoir	Storage	†23.5 AF		8	10	1E	Seward	Jan.	10	1949		4419
Spring Branch (See Indian Creek)	Alvin M. Fink	Wymore	Pump	Irrig.		.07	25	2	6E	Gage	Feb.	23	1935		2518
Swan Creek	Frederick Schmidt	DeWitt	Pump	Irrig.		.03	19	5	4E	Saline	Apr.	6	1937		2728
Swan Creek	Frederick Schmidt	DeWitt	Pump	Irrig.		.70	16	5	4E	Saline	Feb.	9	1949		4428
Swan Creek	Fanny Frolik	Wilber	Pump	Irrig.		.73	18	5	4E	Saline	Aug.	18	1953		5481
Swan Creek	Gilbert Deke	DeWitt	Pump	Irrig.		.19	18	5	4E	Fillmore	July	28	1954		6501
Swan Creek	Harvey Mahloch	DeWitt	Pump	Irrig.			16	5	4E	Saline	July	29	1954		6512
Swan Creek	Milo Klasek	Swanton	Pump	Irrig.		1.28	29	5	3E	Saline	Aug.	3	1954		6558
Turkey Creek	Chas. Grothe	Pleasant Hill		Power			4	7	3E	Saline				990*	
Turkey Creek	J. K. Lane	Pleasant Hill	Lane Model Canal	Irrig.		.09	4	7	3E	Saline	July	16	1895		81
Turkey Creek	J. K. Lane	Pleasant Hill	Lane Model Canal	Irrig.						Saline	July	18	1895		84
Turkey Creek	Frank Pecka, Jr.	Friend	Pump	Irrig.		1.23	4	7	1E	Saline	May	3	1934		2376
Turkey Creek	Rudolph Divoky	Friend	Pump	Irrig.		1.13	34	8	1E	Saline	May	25	1934		2386
Turkey Creek	Dilley and Bloodgood	Friend	Pump	Irrig.		2.11	33	8	2E	Saline	June	30	1934		2414
Turkey Creek	John Belka	Dorchester	Pump	Irrig.		.58	4	7	3E	Saline	July	13	1934		2424

**Part of appropriations cancelled.
*Application not approved, or claim not adjudicated.
Stor-only. Land does not have a direct flow appropriation.
†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Turkey Creek	Mrs. H. H. Engel	Friend	Pump	Irrig.	.73	8	7	1E	Saline	July	19	1934		2432
Turkey Creek	Fred Hasenohr	DeWitt	Pump	Irrig.	.33	24	5	4E	Saline	May	3	1935		2546
Turkey Creek	Edwin Stokebrand	DeWitt	Pump	Irrig.	.49	29	5	5E	Gage	Oct.	18	1935		2562
Turkey Creek	Emil Ebke	DeWitt	Pump	Irrig.	.40	24	5	4E	Saline	Oct.	16	1936		2645
Turkey Creek	Lew Hamouz	Milligan	Pump	Irrig.	.04	35	7	1	Fillmore	Nov.	3	1936		2651
Turkey Creek	J. C. Yokel	Friend	Pump	Irrig.	.96	17	7	1E	Saline	Mar.	24	1938		2853
Turkey Creek	Ann Barney Elliott	Lincoln	Pump	Irrig.	.30	32	8	2E	Saline	Sept.	8	1939		2961
	Mary Barney	Friend												
Turkey Creek	Adolph Eret	Dorchester	Pump	Irrig.	.41	34	8	2E	Saline	July	23	1940		3209
Turkey Creek	Henry W. Damkroger	DeWitt	Pumps	Irrig.	.46	29	5	5E	Gage	Aug.	20	1940		3235
Turkey Creek	Mrs. Lizzie Waldo	DeWitt	Pumps	Irrig.	.53	24	5	4E	Saline	Aug.	27	1940		3243
						19	5	5E	Saline	Aug.	27	1940		3243
Turkey Creek	D. E. Drake	Friend	Pump	Irrig.	.61	32	8	2E	Saline	Sept.	24	1940		3274
Turkey Creek	Mrs. Esther A. Vossler	Friend	Pump	Irrig.	.09	36	8	1E	Saline	Oct.	9	1940		3288
Turkey Creek	John Dvorak	Wilber	Pump	Irrig.	.11	33	6	4E	Saline	Dec.	7	1940		3344
Turkey Creek	Vaclav Svejda	Crete	Pump	Irrig.	.04	23	7	3E	Saline	July	28	1941		3473
Turkey Creek	James Semrad	Crete	Pump	Irrig.	.16	14	7	3E	Saline	Aug.	4	1941		3479
Turkey Creek	Lillie D. Arnold	Dorchester	Pump	Irrig.	.23	35	8	2E	Saline	May	14	1942		3566
Turkey Creek	P. O. Southwick	Friend	Pump	Irrig.	.28	2	7	1E	Saline	Feb.	2	1946		3872
Turkey Creek	William M. Sloan	Eugene, Ore.	Pump	Irrig.	.07	20	7	2	Fillmore	Sept.	21	1946		3967
Turkey Creek	Geo. W. Barney	Friend	Pump	Irrig.	.30	32	8	2E	Saline	Sept.	10	1947		4108
Turkey Creek	Frank Moore	Wilber	Pump	Irrig.	.76	6	6	4E	Saline	Mar.	2	1949		4441
Turkey Creek	Geo. Vossler	Friend	Pump	Irrig.	.38	31	8	2E	Saline	Apr.	19	1949		4467
Turkey Creek	John Miller Estate	Superior	Pump	Irrig.	.61	31	8	2E	Saline	May	2	1950		4666
Turkey Creek	Henry O. Kubicek	Crete	Pump	Irrig.	.41	23	7	3E	Saline	Dec.	29	1950		4785
Turkey Creek	Adolph Eret	Dorchester	Pump	Irrig.	.34	34	8	2E	Saline	Aug.	20	1951		4902
Turkey Creek	Mrs. Ella Fritz	Crete	Pump	Irrig.	.37	34	8	1E	Saline	Apr.	14	1953		5262
Turkey Creek	Chet Chaney	Geneva	Pump	Irrig.	.82	30	7	2	Saline	May	15	1953		5318

Turkey Creek	Stanley E. Pisar	Dorchester	Pump	Irrig.	.51	4	7	3E	Saline	Sept.	3	1953	5537
Turkey Creek	Edward D. Fritz	Friend	Pump	Irrig.	1.07	4	7	1E	Saline	Sept.	14	1953	5568
Turkey Creek	Loren Bruha	Dorchester	Pump	Irrig.	.89	1	7	2E	Saline	Sept.	16	1953	5576
Turkey Creek	Milo Krupicka	Crete	Pump	Irrig.	.94	25	7	3E	Saline	Oct.	21	1953	5662
Turkey Creek	John Dvorak	Wilber	Pump	Irrig.		33	6	4E	Saline	Jan.	5	1954	5846
Turkey Creek	Theodore Schuerman	DeWitt	Pump	Irrig.	.60	14	5	4E	Saline	May	1	1954	6275
Turkey Creek	Thomas D. Jones	Dorchester	Pump	Irrig.	.45	34	8	2E	Saline	May	5	1954	6281
Turkey Creek	Cora G. Murray Estate	Friend	Pump	Irrig.		3	7	1E	Saline	July	19	1954	6432
Turkey Creek	Harvey Mahloch	DeWitt	Pump	Irrig.		16	5	4E	Saline	July	29	1954	6511
Turkey Creek	Harvey Mahloch	DeWitt	Pump	Irrig.		23	5	4E	Saline	July	29	1954	6513
Turkey Creek	C. K. Elliott	Lincoln	Pump	Irrig.		18	6	4E	Saline	Aug.	2	1954	6553
Turkey Creek	Adolph Chrastil	Crete	Pump	Irrig.		10	7	3E	Saline	Aug.	3	1954	6563
Turkey Creek	Henry Damkroger	DeWitt	Pump	Irrig.		29	5	5E	Gage	Aug.	6	1954	6569
Turkey Creek	Lumir A. Maryska	Wilber	Pump	Irrig.	.43	29	6	4E	Saline	Aug.	24	1954	6635
Watt Reservoir	Guy V. Watt	Bradshaw	Watt Canal	Stor-only		35	11	4	York	Nov.	12	1953	5719
Wolf Creek	Harry C. Sailing	Wymore	Pump	Irrig.	.14	6	1	8E	Gage	Dec.	28	1949	4559
Wolvin Res. No. 1	Lorena Wolvin	Seward	Wolvin Canal	Irrig.		6	11	2E	Seward	Feb.	10	1949	4431*

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Bennett Reservoir	Walter M. Rodman	Kimball	Bennett Canal	Supp. I.	A-691	22	15	55	Kimball	Oct.	2	1902		691
Bennett Reservoir	Walter M. Rodman	Kimball	Bennett Canal	Stor-only		22	15	55	Kimball	Jan.	13	1928		1975
Flood Water	C. M. Fifield	Kimball	Fifield Canal	Irrig.	.57	22	15	56	Kimball	Apr.	27	1911		1091
Ground Water (Lodgepole Cr.)	McIntosh and Martin	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	Roland V. Rodman	Denver	Rodman Well No. 1	Irrig.		28	15	54	Kimball	Aug.	7	1937		2770*
Ground Water	Joe S. Bright	Bridgeport	Bright Well	Irrig.		2	13	50	Cheyenne	May	4	1938		2870*
Ground Water	Edward H. Killham	Lodgepole	Killham Well	Irrig.		1	12	52	Cheyenne	Dec.	21	1938		2903*
Ground Water	Howard Gunderson	Dix	Gunderson Well	Irrig.		36	15	54	Kimball	Dec.	22	1939		3065*
Ground Water	Jason O. Lobb	Gurley	Lobb Well	Irrig.		27	15	55	Kimball	Mar.	29	1940		3126*
Ground Water	Robert Gunderson	Dix	Gunderson Well	Irrig.		33	15	54	Kimball	May	11	1940		3156*
Ground Water	Gail H. Russell	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	Julius J. Johnson	Dix	Johnson Well	Irrig.		34	15	53	Kimball	Feb.	27	1941		3403*
Ground Water	Howard Gunderson	Dix	Gunderson Well	Irrig.		2	14	53	Cheyenne	Mar.	25	1941		3419*
Ground Water	Everett Mohatt	Sidney	Mohatt Well	Irrig.		4	13	50	Cheyenne	Jan.	26	1942		3546*
Ground Water	L. H. Patrowsky	Sidney	Patrowsky Well	Irrig.		32	14	49	Cheyenne	Oct.	28	1946		3993*
Ground Water	Frank A. Beyer	Sidney	Beyer Well	Irrig.		34	14	49	Cheyenne	Dec.	4	1946		4010*
Ground Water	Jason O. Lobb	Sidney	Lobb Well	Irrig.		28	15	55	Kimball	Dec.	30	1948		4408*
Ground Water	Jason O. Lobb	Sidney	Lobb Well	Irrig.		35	15	55	Kimball	Mar.	15	1950		4620*
Ground Water	Arthur P. Mortensen	Pine Bluffs, Wyoming	Mortensen Well	Irrig.		14	14	59	Kimball	June	23	1950		4711*
Ground Water	Arthur P. Mortensen	Pine Bluffs, Wyoming	Mortensen Well	Irrig.		11	14	59	Kimball	June	23	1950		4712*
Ground Water	William H. Steele	Dix	Steele Well	Irrig.		26	15	54	Kimball	July	11	1950		4722*

Ground Water	Arthur A. Disney	Lodgepole	Disney Well	Irrig.		35	14	47	Cheyenne	June	11	1951		4871*
Ground Water	Myron F. Carlson	Chappell	Carlson Well	Irrig.		33	14	46	Deuel	Oct.	24	1951		4914*
Ground Water	Myron F. Carlson	Chappell	Carlson Well No. 2	Irrig.		33	14	46	Deuel	Oct.	24	1951		4915*
Ground Water	Wayne M. Peterson	Chappell	Peterson Well	Irrig.		12	13	46	Deuel	Mar.	12	1952		4947*
Ground Water	Ernest W. Pickett	Kimball	Pickett Well	Irrig.		23	15	56	Kimball	Mar.	2	1954		6015*
Ground Water	Albert A. Fenske	Sunol	Fenske Well No. 1	Irrig.		31	14	47	Cheyenne	July	20	1954		6463*
Ground Water	Albert A. Fenske	Sunol	Fenske Well No. 2	Irrig.		34	14	47	Cheyenne	July	20	1954		6464*
Ground Water	Albert A. Fenske	Sunol	Fenske Well No. 3	Irrig.		34	14	47	Cheyenne	July	20	1954		6465*
Lodgepole Creek	Henry Stahla, 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	Walter Gunderson	Longmont, Colo.	Gunderson Canal	Irrig.	1.43	1	14	52	Cheyenne	June	1	1879	305	
Lodgepole Creek	Dimery and Schlumberger	Sidney	Runge Canal No. 1	Irrig.	1.71	20	14	50	Cheyenne	Apr.	15	1880	339	
Lodgepole Creek	Dimery and Schlumberger	Sidney	Runge Canal No. 2	Irrig.	.50	20	14	50	Cheyenne	Apr.	15	1882	338	
Lodgepole Creek	Mrs. Christina Carlson	Potter	Anderson Canal No. 1	Irrig.	2.50	8	14	51	Cheyenne	June	30	1882	373	
Lodgepole Creek	Walter M. Rodman	Kimball	Circle Arrow Canal	Irrig.	3.71	30	15	54	Kimball	July	1	1882	346	
Lodgepole Creek	Clark M. Fuller, et al	Sidney	Urbach Canal	Irrig.	.86	15	14	51	Cheyenne	Sept.	1	1882	308	
Lodgepole Creek	Geo. M. Booth, et al	Sunol	Booth Canal	Irrig.	4.29	29	14	47	Cheyenne	May	31	1883	309 } 310 }	
Lodgepole Creek	John F. McAuliffe	Chappell	McAuliffe Canal	Irrig.	2.29	21	13	45	Deuel	Dec.	31	1884	814	
Lodgepole Creek	John H. Ferguson	Kimball	Kinney Canal No. 2	Irrig.	2.71	33	15	56	Kimball	Dec.	31	1884	348	
Lodgepole Creek	Chas. C. Wise	Lodgepole	Libby Canal	Irrig.	2.00	36	14	47	Cheyenne	Dec.	31	1884	312	
Lodgepole Creek	Dailey and Dailey	Lodgepole	Dickinson Canal	Irrig.	1.14	26	14	47	Cheyenne	Jan.	1	1885	969	
Lodgepole Creek	Edward A. Ruttner	Lodgepole	Howard Canal	Irrig.	.86	31	14	47	Cheyenne	Apr.	10	1885	336	
Lodgepole Creek	Wm. F. Krueger, et al	Sidney	Krueger Canal No. 3	Irrig.	1.14	32	14	48	Cheyenne	May	1	1885	333	
Lodgepole Creek	Ed C. Christensen	Fremont	Wolf Canal	Irrig.	1.00	18	13	45	Deuel	Dec.	31	1885	813	
Lodgepole Creek	Walter M. Rodman	Kimball	McIntosh Canal	Irrig.	3.31	23	15	55	Kimball	Apr.	16	1886	351	
Lodgepole Creek	Wm. F. Krueger, et al	Sidney	Krueger Canal No. 2	Irrig.	2.29	32	14	48	Cheyenne	Oct.	10	1886	324	
Lodgepole Creek	Bernard J. Beyer	Sidney	Borquist Canal	Irrig.	.71	34	14	49	Cheyenne	Apr.	30	1887	300	
Lodgepole Creek	Bernard J. Beyer	Sidney	Borquist Canal	Irrig.	1.29	34	14	49	Cheyenne	Apr.	30	1887	301	
Lodgepole Creek	Friend Dickinson	Sunol	McLaughlin Canal	Irrig.	1.00	25	14	48	Cheyenne	May	1	1887	966	

Supp. I. Storage water in addition to direct flow.
Stor-only. Land does not have a direct flow appropriation.
*Application not approved.
R. Denotes relocation.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Lodgepole Creek	J. Harvey George	Sidney	Mitchell Canal	Irrig.	.86	8	14	51	Cheyenne	Sept.	1	1887	304	
Lodgepole Creek	L. C. Barstow	Sidney	Tobin Canal	Irrig.	.84	28	14	47	Cheyenne	July	31	1888	330	
Lodgepole Creek	L. C. Barstow	Sidney	Pump	Irrig.	.50	28	14	47	Cheyenne	July	31	1888	330R	
Lodgepole Creek	L. C. Barstow	Sidney	Tobin Canal	Irrig.	.26	28	14	47	Cheyenne	July	31	1888	330R	
Lodgepole Creek	L. C. Barstow	Sidney	Tobin Canal	Irrig.	.70	28	14	47	Cheyenne	July	31	1888	330R	
Lodgepole Creek	John Peetz	Sidney	Bordwell Canal	Irrig.	1.43	35	14	49	Cheyenne	Aug.	1	1888	303	
Lodgepole Creek	Dale Herboldsheimer	Bushnell	Premier Canal	Irrig.	2.43	3	14	58	Kimball	Apr.	11	1889	340	
Lodgepole Creek	John Peetz	Sidney	Bordwell Canal	Irrig.	.86	35	14	49	Cheyenne	Apr.	27	1889	302	
Lodgepole Creek	Marion Farmer	Kimball	Atkins-Polly Canal	Irrig.	.79	30	15	55	Kimball	May	6	1889	342	
Lodgepole Creek	Gross Wilkinson Ranch and Adelrick Benzinger	Pine Bluffs, Wyoming	Independent Canal	Irrig.	3.14	7	14	58	Kimball	May	6	1889	343	
Lodgepole Creek	Vernon D. Atkins	Kimball	Atkins-Polly Canal	Irrig.	.43	30	15	55	Kimball	May	6	1889	344	
Lodgepole Creek	John H. Ferguson	Kimball	Kinney Canal	Irrig.	2.00	31	15	56	Kimball	May	14	1889	345	
Lodgepole Creek	W. A. Haberstroh	Omaha	Young Canal	Irrig.	.50	33	15	57	Kimball	May	28	1889	349	
Lodgepole Creek	Vernon E. Linn	Kimball	Ruttner (Old) Canal	Irrig.	.81	31	15	56	Kimball	June	4	1889	350	
Lodgepole Creek	Vernon E. Linn	Kimball	Ruttner (New) Canal	Irrig.	.33	36	15	57	Kimball	June	4	1889	350R	
Lodgepole Creek	Irving T. Oberfelder	Detroit, Mich.	Oberfelder Canal	Irrig.	.43	31	14	46	Cheyenne	June	10	1889	333	
Lodgepole Creek	Thos. W. Mayborn	Chappell	Bullock Canal	Irrig.	1.43	3	13	46	Deuel	June	25	1889	296	
Lodgepole Creek	Myron F. Carlson	Chappell	Persinger Canal	Irrig.	4.57	33	14	46	Deuel	June	25	1889	297	
Lodgepole Creek	Wm. F. Krueger, et al	Sidney	Krueger Canal No. 1	Irrig.	3.00	29	14	48	Cheyenne	June	26	1889	325	
Lodgepole Creek	Vernon Atkins, 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	Francis H. Egging	Potter	Adams Canal	Irrig.	1.43	3	14	52	Cheyenne	July	1	1891	371	
Lodgepole Creek	Robert Garrard, et al	Kimball	Hurley-Lilly-Polly Canal	Irrig.	2.57	26	15	56	Kimball	Oct.	1	1891	354	
Lodgepole Creek	Palmer T. Thurston	Potter	Christensen Canal	Irrig.	.57	7	14	51	Cheyenne	Apr.	15	1893	366	

Lodgepole Creek	Palmer T. Thurston	Potter	Christensen Canal	Irrig.	.43	7	14	51	Cheyenne	Apr.	15	1893	367	
Lodgepole Creek	Ed Van Allstyn	Sidney	Trognitz Canal	Irrig.	1.00	36	14	50	Cheyenne	June	1	1893	365	
Lodgepole Creek	Irving T. Oberfelder	Detroit, Mich.	Oberfelder Canal	Irrig.	2.00	31	14	46	Cheyenne	Dec.	30	1893	306	
Lodgepole Creek	Harold R. Hernbloom	Lodgepole	Barrett Canal	Irrig.		32	14	46	Cheyenne				334*	
Lodgepole Creek	Wm. F. Krueger	Sidney	Krueger Canal	Irrig.	1.00	29	14	48	Cheyenne	May	1	1894	968	
Lodgepole Creek	Hannah Lyngholm	Sidney	Lyngholm Canal	Irrig.	.36	14	14	51	Cheyenne	Nov.	1	1894	337	
Lodgepole Creek	Glen O. Dickinson, et al	Crook, Colo.	Dickinson Canal	Irrig.	2.29	33	14	47	Cheyenne	May	10	1896	967	
Lodgepole Creek	Myron F. Carlson	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	Dale Herboldsheimer	Bushnell	Bushnell Canal	Irrig.	3.00	2	14	58	Kimball	Apr.	15	1899		504
Lodgepole Creek	Helen T. Eversman	Ovid, Colo.	Wiegand Canal	Irrig.	2.00	17	13	45	Deuel	May	31	1900		563
Lodgepole Creek	G. B. Brown	Chappell	Neumann Canals 1-2	Irrig.	1.89	36	13	45	Deuel	June	12	1900		565
Lodgepole Creek	H. C. Peterson	Chappell	Wertz Canal	Irrig.	2.86	12	13	46	Deuel	Feb.	14	1901		600
Lodgepole Creek	Mrs. Maude Neumann	Chappell	Neumann Canal	Irrig.	1.29	26	13	45	Deuel	Apr.	17	1901		611
Lodgepole Creek	Albert Williams	Chappell	Johnson Canal	Irrig.	2.01	23	13	45	Deuel	Apr.	17	1901		612
Lodgepole Creek (See A-1974)	Walter M. Rodman	Kimball	Bennett Reservoir	Storage	†700 AF	22	15	55	Kimball	Mar.	13	1902		657
Lodgepole Creek	George H. Rabe	Chappell	Naslund Canal	Irrig.	.90	1	12	45	Deuel	Apr.	16	1902		661
Lodgepole Creek	Walter M. Rodman	Kimball	Bennett Canal	Irrig.	1.22	22	15	55	Kimball	Oct.	2	1902		691
Lodgepole Creek	Alfred Forsling	Kimball	Forsling Canal	Irrig.	1.50	34	15	57	Kimball	Apr.	24	1903		703
Lodgepole Creek	Harold Quinn	Casper, Wyo.	Kinney-Forsling Canal	Irrig.	1.07	33	15	56	Kimball	July	25	1903		718
Lodgepole Creek	Harold Quinn	Casper, Wyo.	Ruttner-Kinney Canal	Irrig.	.75	31	15	56	Kimball	July	25	1903		718R
Lodgepole Creek	Henry Stahla	Kimball	Bickel Canal	Irrig.	.93	30	15	55	Kimball	Aug.	3	1903		719
Lodgepole Creek	Clark H. Fuller, et al	Sidney	Pomeroy Canal No. 1	Irrig.	.57	15	14	51	Cheyenne	Aug.	20	1903		723
Lodgepole Creek	Vernon D. Atkins	Kimball	Faden Canal	Irrig.	.14	30	15	55	Kimball	Sept.	9	1903		724
Lodgepole Creek	Walter M. Rodman	Kimball	Owasco Canal	Irrig.	9.84	29	15	55	Kimball	Sept.	12	1903		725
Lodgepole Creek	Vernon E. Linn	Kimball	Ruttner (New) Canal	Irrig.	.51	36	15	57	Kimball	Sept.	16	1903		727
Lodgepole Creek	Walter M. Rodman and David Uhl	Kimball West Plains, Colo.	McIntosh Canal	Irrig.	1.75	23	15	55	Kimball	Dec.	15	1903		734
Lodgepole Creek	Donald Clark	Chappell	Smith Canal	Irrig.	3.86	12	12	45	Deuel	Aug.	18	1906		850

R. Denotes relocation.
*Claim not adjudicated.
†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Lodgepole Creek	Peter Soderquist Estate	Chappell	Ralton System	Irrig.	2.59	12	12	45	Deuel	Jan.	4	1907		847
Lodgepole Creek	Harold Quinn	Casper, Wyo.	Ruttner (New) Canal	Irrig.	2.71	36	15	57	Kimball	Apr.	9	1907		857
Lodgepole Creek	I. S. Walker Estate	Kimball	Ruttner (New) Canal	Irrig.	.63	36	15	57	Kimball	Sept.	16	1907		869
Lodgepole Creek	Chas. C. and Wm. A. Gross	Pine Bluffs, Wyoming	Tracy Canal	Irrig.	.50	12	14	59	Kimball	Sept.	21	1907		870
Lodgepole Creek	Peter Soderquist Estate	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 AF	36	15	57	Kimball	Apr.	15	1908		897
Lodgepole Creek	Kimball Irrig. District	Kimball	Kimball Canal	Irrig.		36	15	57	Kimball	Apr.	15	1908		897
Lodgepole Creek	Vernon D. Atkins	Kimball	Atkins-Polly Canal	Irrig.	.11	30	15	55	Kimball	Apr.	15	1908		897R
Lodgepole Creek	Ervin E. Wilds	Chappell	Wilds Canal	Irrig.	.57	11	13	46	Deuel	June	2	1908		904
Lodgepole Creek	Joseph B. Zimola	Lodgepole	Ruttner Canal	Irrig.	.57	30	14	47	Cheyenne	June	25	1908		906
Lodgepole Creek	Walter M. Rodman	Kimball	Bennett Canal No. 3	Irrig.	1.00	29	15	54	Kimball	Feb.	17	1909		934
Lodgepole Creek	P. Maginnis	Kimball	Maginnis Pond	Ice	†500 AF	26	15	56	Kimball	Sept.	19	1911		1127
Lodgepole Creek	Vernice C. La Selle	Chappell	Soderquist Canal	Irrig.	2.00	36	13	45	Deuel	Oct.	22	1912		1237
Lodgepole Creek	Howard C. Heming	Chappell	Wiegand Canal No. 3	Irrig.	1.21	16	13	45	Deuel	Sept.	10	1913		1322
Lodgepole Creek	Howard C. Heming	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	Maude Neumann, et al	Chappell	Neumann Canal	Irrig.	1.03	26	13	45	Deuel	Jan.	5	1916		1445
Lodgepole Creek	Bertha M. Bentley	Sidney	Bentley Reservoir	Domestic	†50 AF	34	14	50	Cheyenne	Feb.	14	1917		1478
Lodgepole Creek	Mrs. Minnie Sudman	Chappell	Sudman Canal	Irrig.	.79	22	13	45	Deuel	Apr.	5	1917		1483
Lodgepole Creek	John F. McAuliffe	Chappell	McAuliffe Canal	Irrig.	1.77	21	13	45	Deuel	Oct.	6	1919		1559
Lodgepole Creek	Joseph B. Zimola	Lodgepole	Howard-Ruttner Canal	Irrig.	.20	31	14	47	Cheyenne	Mar.	7	1922		1645
Lodgepole Creek	Clinton B. Dorwart	Sidney	Stuht Canal	Irrig.	.40	32	14	49	Cheyenne	Apr.	26	1922		1659
Lodgepole Creek	H. Misegadis	Sunol	Bluhm Canal	Irrig.	1.00	36	14	48	Cheyenne	May	24	1926		1811
Lodgepole Creek	Philip Stahla	Kimball	Kinney Canal	Irrig.	.20	31	15	56	Kimball	July	14	1926		1828
Lodgepole Creek	Dale Herboldsheimer	Bushnell	Wearin Canal	Irrig.	1.50	8	14	58	Kimball	Sept.	28	1926		1864
Lodgepole Creek (See A-657)	Walter M. Rodman	Kimball	Bennett Reservoir	Storage	†262 AF	22	15	55	Kimball	Jan.	13	1928		1974

Lodgepole Creek	Geo. H. Peterson	Chappell	Peterson Canal	Irrig.	.66	26	13	45	Deuel	Apr.	17	1928		2006
Lodgepole Creek	Mrs. Emma McLernon	Sidney	McLernon Canal	Irrig.	.24	31	14	49	Cheyenne	Sept.	1	1928		2027
Lodgepole Creek	Wm. F. Pantenburg	Sidney	Pantenburg Canal	Irrig.	1.00	34	14	48	Cheyenne	Nov.	15	1929		2113
Lodgepole Creek	Palmer T. Thurston	Potter	Pump	Irrig.	.29	7	14	51	Cheyenne	Mar.	10	1936		2569
Lodgepole Creek	Harry Anderson	Sidney	Pump	Irrig.	.20	10	14	51	Cheyenne	Feb.	14	1938		2839
Lodgepole Creek	John Peetz	Sidney	Pump	Irrig.	.20	35	14	49	Cheyenne	Feb.	21	1939		2909
Lodgepole Creek	C. S. Radcliffe	Sidney	Pumps	Irrig.	.41	31	14	49	Cheyenne	Dec.	21	1939		3064
						6	13	49	Cheyenne	Dec.	21	1939		3064
Lodgepole Creek	Dimery and Schlumberger	Sidney	Pump	Irrig.	.33	20	14	50	Cheyenne	June	25	1940		3191
Lodgepole Creek	Dimery and Schlumberger	Sidney	Runge Canal No. 1	Irrig.	.48	20	14	50	Cheyenne	Jan.	8	1941		3363
Lodgepole Creek	Dimery and Schlumberger	Sidney	Pump	Irrig.	.64	20	14	50	Cheyenne	Jan.	8	1941		3363R
Lodgepole Creek	G. Geo. Schnell	Sidney	Jones Canal	Irrig.	1.80	36	14	49	Cheyenne	Feb.	14	1941		3392
Lodgepole Creek	Clark H. Fuller	Sidney	Pump	Irrig.	.71	15	14	51	Cheyenne	Apr.	5	1941		3425
Lodgepole Creek	J. Harvey George	Sidney	George Canal	Irrig.	.71	7	14	51	Cheyenne	Oct.	27	1941		3525
Lodgepole Creek	J. Harvey George	Sidney	Mitchell Canal	Irrig.	.29	8	14	51	Cheyenne	Oct.	27	1941		3526
Lodgepole Creek	Howard L. McHatton	Chappell	Pump	Irrig.	1.27	7	13	45	Deuel	Mar.	12	1942		3560
Lodgepole Creek	L. C. Barstow	Sidney	Pump No. 3	Irrig.	.19	28	14	47	Cheyenne	Apr.	10	1945		3825
Lodgepole Creek	Marion A. Farmer	Kimball	Atkins-Polly Canal	Irrig.	.71	30	15	55	Kimball	Nov.	18	1949		4531
Lodgepole Creek	Robert P. Garrard	Kimball	Hurley-Lilly-Polly Canal	Irrig.	.96	26	15	56	Kimball	Mar.	12	1951		4818
Lodgepole Creek	Burel F. Kinney, et al	Sidney	Pump	Mfg.	.70	10	14	52	Cheyenne	Sept.	22	1952		5030
Lodgepole Creek	Vernon E. Linn	Kimball	New Ruttner Canal	Irrig.	.23	36	15	57	Kimball	Apr.	30	1953		5303
Lodgepole Creek	Jack H. Parks	Chappell	Pump	Irrig.		22	13	45	Deuel	May	24	1954		6318
Lodgepole Creek, Ravine, Trib. to	Panhandle Land and Livestock Co.	Kimball	Panhandle Res. No. 1	Storage	†35 AF	22	15	58	Kimball	Nov.	7	1950		4762
Oliver Reservoir	Kimball Irrig. District	Kimball	Kimball Canal	Supp. I.	A-897	36	15	57	Kimball	Apr.	15	1908		897
Spring Creek	Irving T. Oberfelder	Detroit, Mich.	Oberfelder Canal	Irrig.	2.29	31	14	46	Cheyenne	May	29	1889	307	
Springs	Guy C. Chambers, et al	Lincoln	Private Canal	Irrig.	.04	14	13	51	Cheyenne	Mar.	19	1895	335	
Springs	Chas. C. Wise	Lodgepole	Spring Branch Canal	Irrig.	.29	36	14	47	Cheyenne	July	1	1901		623

†Reservoir capacity alleged by applicant.
R. Denotes relocation.
Supp. I. 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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Camp Creek	Mrs. Meryl E. Bender	Eagle	Bender Reservoir	Storage		16	10	9	Cass	Aug.	2	1954		6555*
Deer Creek	Lawrence M. Weaver	Salem	Pump	Irrig.	.24	28	2	15E	Richardson	Dec.	15	1953		5788
Muddy Creek	Miner and Walker	Verdon	Pumps	Irrig.	1.83	4	2	15E	Richardson	Oct.	17	1953		5654
Muddy Creek	L. C. Schafer	Verdon	Pumps	Irrig.	.95	14	2	15E	Richardson	Oct.	17	1953		5655
Nemaha River	City of Falls City	Falls City	City Supply	Domestic	4.63	22	1	16E	Richardson	Aug.	5	1936		2605
Nemaha River, Big	Gaylord W. Marsh	Beatrice	Pump	Irrig.		14	1	15E	Richardson	May	7	1954		6286
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.	E. B. Estes	Tecumseh	Pumps	Irrig.	1.43	19	5	11E	Johnson	Aug.	15	1930		2159
Nemaha R., N.F.	Roy C. Goracke	Tecumseh	Pumps	Irrig.	4.20	13	5	10E	Johnson	May	4	1934		2377
Nemaha R., N.F.	Raymond A. Goracke	Tecumseh	Pumps	Irrig.	.54	14	5	10E	Johnson	July	16	1934		2428
Nemaha R., N.F.	Joe Goracke	St. Mary	Pumps	Irrig.	1.12	14	5	10E	Johnson	Sept.	26	1934		2478
Nemaha R., N.F.	City of Humboldt	Humboldt	Humboldt Lake	Resort	†25 AF	10	2	13E	Richardson	June	20	1935		2551
Nemaha R., N.F.	City of Tecumseh	Tecumseh	City Supply	Domestic	2.30	33	5	11E	Johnson	Sept.	5	1936		2634
Nemaha R., N.F.	Elk Cr. Recreation Club	Elk Creek	Elk Lake Reservoir	Fish		25	4	11E	Johnson	Apr.	26	1938		2864
Nemaha R., N.F.	W. R. Binder	Table Rock	Pump	Irrig.	1.54	33	3	12E	Pawnee	Jan.	24	1940		3086
Nemaha R., N.F.	W. R. Binder	Table Rock	Pump	Irrig.	1.73	33	3	12E	Pawnee	Aug.	15	1941		3487
Nemaha R., N.F.	W. R. Binder	Table Rock	Pump	Irrig.	.19	33	3	12E	Pawnee	Sept.	25	1941		3511
Nemaha R., N.F.	Duncan Rowley	Salem	Pump	Irrig.	.10	3	1	15E	Richardson	June	29	1946		3921
Nemaha R., N.F.	W. R. Binder	Table Rock	Pump No. 2	Irrig.	1.33	17	3	12E	Pawnee	Aug.	13	1947		4096
Nemaha R., N. F.	Anton C. Kerner	Tecumseh	Pump	Irrig.	.80	19	5	11E	Johnson	Dec.	28	1953		5821
Nemaha R., S.F.	M. Ethel Auxier	Dawson	Pump	Irrig.	1.15	4	1	14E	Richardson	Mar.	31	1947		4057

Nemaha R., Little	J. E. Clarke	Brock	Pumps	Irrig.	1.23	25	6	13E	Nemaha	Nov.	20	1937	2806
					.74	31	6	14E	Nemaha	Nov.	20	1937	2806
Nemaha R., Little	Arnold J. Ritter	Talmage	Pump	Irrig.	1.54	25	7	12E	Otoe	Oct.	30	1953	5686
Nemaha R., Little	Dewey Flack	Auburn	Pump	Irrig.		23	5	14E	Nemaha	Mar.	19	1954	6079
Nemaha R., Little	Herman Jaeckel	Lincoln	Pump	Irrig.		27	7	12E	Otoe	Apr.	9	1954	6169
Nemaha R., Little	Lloyd F. Wallen	Unadilla	Pump	Irrig.		4	8	13	Otoe	Apr.	13	1954	6176
Nemaha R., Little, S. F.	Ella M. Schacht	Cook	Pump	Irrig.		9	6	11E	Johnson	Jan.	22	1954	5886
Rock Creek	Julien R. Stevenson	Nebraska City	Pump	Irrig.	.70	30	7	14E	Otoe	Dec.	5	1936	2668
Rock Creek	H. H. Huston	Salem	Pump	Irrig.	.75	20	1	15E	Richardson	May	10	1948	4262
Stove Creek	Clements and Clements	Elmwood	Pump	Irrig.	.76	21	10	10E	Cass	Dec.	16	1953	5800
Turkey Creek	Glen Bohm	DuBois	Pump	Irrig.		25	1	11E	Pawnee	July	9	1954	6416
Walnut Creek	R. P. Kimmel	Nebraska City	Pump	Irrig.	.46	36	9	13E	Otoe	Aug.	27	1936	2625
Walnut Creek	Milton Bletscher	Falls City	Pump	Irrig.	.54	31	1	17E	Richardson	Feb.	3	1954	5929
Weeping Water Creek	Chas. Gilmore	Weeping Wate	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	City of Weeping Water	Weeping Wate	City Supply Canal	Domestic	2.00	2	10	11E	Cass	July	29	1954	6510
Weeping Water Creek, S. B.	Kime Brothers	Nehawka	Pump	Irrig.		29	10	13E	Cass	May	18	1954	6313
Weeping Water Creek, Trib. to	Stephen M. Davis	Plattsmouth	Pump	Irrig.		9	10	11E	Cass	Apr.	23	1954	6239

*Application not approved.
†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ash Creek	John E. Swenson	Eddyville	Pump	Irrig.	2.95	7	14	20	Custer	May	17	1932		2271
Babcock Creek	D. E. Bussell	North Loup	Pump	Irrig.		5	17	12	Greeley	Apr.	17	1954		6228*
Barnum Creek	Charles H. Sheldon	Columbus	Pump No. 1	Irrig.	.13	31	17	1E	Platte	Nov.	4	1939		3007
Barnum Creek	Paul Mueller	Columbus	Pump	Irrig.	.06	36	17	1	Platte	Jan.	27	1940		3087
Barnum Creek	August Wagner	Columbus	Pump	Irrig.	1.08	32	17	1E	Platte	Oct.	10	1941		3517
‡Beaver Creek	J. W. Quackenbush	Albion	Pioneer Canal	Irrig.	3.57	22	20	6	Boone	Dec.	8	1894	287	
Beaver Creek	Wm. M. Long	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	Arthur Umbarger	Genoa	Pump	Irrig.	.99	10	17	4	Nance	July	8	1933		2329
Beaver Creek	Homer S. Peterson	St. Edward	Pump	Irrig.	.64	18	18	4	Platte	Sept.	10	1934		2471
Beaver Creek	Henry M. Peterson	St. Edward	Pump	Irrig.	.63	2	18	5	Boone	Aug.	7	1935		2554
Beaver Creek	Irene Self	Omaha	Pump	Irrig.	.88	20	19	5	Boone	June	19	1936		2582
Beaver Creek	S. T. Battles Estate	Genoa	Pump	Irrig.	.19	14	17	4	Nance	Oct.	21	1936		2647
Beaver Creek	Urban Metz	Petersburg	Pump	Irrig.	.50	10	21	7	Boone	Dec.	1	1936		2665
Beaver Creek	Ignatius Seier	Petersburg	Pump	Irrig.	.27	8	21	7	Boone	Mar.	26	1937		2722
Beaver Creek	University of Nebraska	Lincoln	Genoa Hospital Canal	Irrig.	1.28	29	18	4	Nance	Apr.	21	1937		2735
Beaver Creek	A. A. Myers	Albion	Pump	Irrig.	.71	1	20	7	Boone	Sept.	1	1937		2779
Beaver Creek	Olaf Qualsett	Petersburg	Pump	Irrig.	.29	30	22	7	Boone	Nov.	16	1937		2803
Beaver Creek	W. B. Watson	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	Mrs. Frank Olson	Genoa	Pump	Irrig.	.47	15	17	4	Nance	Feb.	8	1938		2835
Beaver Creek	Harner and Mansfield	Albion	Pumps	Irrig.	.38	36	20	6	Boone	Feb.	21	1938		2840
					.72	31	20	5	Boone	Feb.	21	1938		2840

Beaver Creek	‡Thomas Harris	St. Edward	Pump	Irrig.	.39	27	19	5	‡Boone	Mar.	8	1938	2843
Beaver Creek	H. H. Gillespie	Boone	Pump	Irrig.	.59	8	19	5	Boone	Mar.	15	1938	2846
Beaver Creek	Elga B. Hunter	Albion	Pump	Irrig.	.52	10	21	7	Boone	Mar.	24	1938	2856
Beaver Creek	Newell H. Battles	Genoa	Pump	Irrig.	.69	14	17	4	Nance	Oct.	27	1938	2893
Beaver Creek	C. L. Ohlson	Petersburg	Pump	Irrig.	1.39	4	21	7	Boone	May	25	1939	2926
Beaver Creek	S. W. Stretter	Petersburg	Pump	Irrig.	.13	32	22	7	Boone	Aug.	14	1939	2950
Beaver Creek	Robert C. Furby	Petersburg	Pump	Irrig.	.35	10	21	7	Boone	Sept.	21	1939	2969
Beaver Creek	Mark A. Woodworth	Albion	Pump	Irrig.	.41	16	20	6	Boone	Feb.	27	1940	3096
Beaver Creek	C. J. Shaffer	St. Edward	Pump	Irrig.	.25	2	18	5	Boone	Apr.	10	1940	3132
Beaver Creek	Robert C. Furby	Petersburg	Pump	Irrig.	.04	10	21	7	Boone	Apr.	18	1940	3140
Beaver Creek	Edward C. Hall	St. Edward	Pump No. 1	Irrig.	.66	12	18	5	Boone	Aug.	17	1940	3234
Beaver Creek	Ernest Vern Smith	St. Edward	Pump	Irrig.	.37	34	19	5	Boone	Apr.	21	1941	3430
Beaver Creek	C. H. Brown, Jr.	Hay Springs	Pump	Irrig.	1.02	17	20	6	Boone	Sept.	3	1941	3491
Beaver Creek	Clarence Choat	St. Edward	Pump	Irrig.	.60	28	19	5	Boone	Feb.	24	1942	3554
Beaver Creek	Leo J. Zurovski	Albion	Pump	Irrig.	.50	21	19	5	Boone	Apr.	13	1943	3606
Beaver Creek	Mrs. Leona Rumstick	Albion	Pump	Irrig.	.50	26	20	6	Boone	Sept.	13	1943	3649
Beaver Creek	Irene Self	Omaha	Pumps	Irrig.	.52	20	19	5	Boone	Oct.	25	1943	3661
Beaver Creek	Raymond E. Gray	Albion	Pumps	Irrig.	.71	7	20	6	Boone	Dec.	20	1943	3665
					.16	7	20	6	Boone	Dec.	20	1943	3665
Beaver Creek	Amos Jasa	St. Edward	Pump	Irrig.	.66	21	19	5	Boone	Feb.	7	1944	3681
Beaver Creek	Lawrence P. Carstenson	Columbus	Pump	Irrig.		13	17	4	Nance	Mar.	31	1944	3706*
Beaver Creek	E. M. Nielsen	Columbus	Pump	Irrig.		14	17	4	Nance	Apr.	28	1944	3719*
Beaver Creek	Thos. Harris Estate	Monroe	Pump	Irrig.	.64	9	19	5	Boone	Sept.	6	1944	3763
Beaver Creek	Roy E. Sallach	Loretto	Pump	Irrig.	.69	35	21	7	Boone	Feb.	1	1945	3805
Beaver Creek	Everett Dannelly	Genoa	Pump	Irrig.	.36	10	17	4	Nance	June	23	1945	3845
Beaver Creek	A. D. Miller	Albion	Pump	Irrig.	.97	8	20	6	Boone	July	31	1946	3936
Beaver Creek	C. R. Imus	Albion	Pump	Irrig.	.06	16	20	6	Boone	Apr.	7	1947	4064
Beaver Creek	Mrs. N. I. Fonda	Los Angeles	Pump	Irrig.	.39	21	19	5	Boone	Aug.	30	1947	4103
Beaver Creek	George Koeppen	Albion	Pump	Irrig.	.35	6	19	5	Boone	Jan.	7	1948	4168
Beaver Creek	Eldon E. Bowman	Lincoln	Pump	Irrig.	.19	36	20	6	Boone	May	1	1948	4255
Beaver Creek	Leo J. Zurovski	Albion	Pump	Irrig.	.12	21	19	5	Boone	July	23	1948	4311
Beaver Creek	Otto Reich	Albion	Pump	Irrig.	.30	16	20	6	Boone	Feb.	11	1949	4433

*Application not approved.
‡See appropriations under Mud (Beaver) Creek.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Beaver Creek	Mark Woodworth	Albion	Pump	Irrig.	.14	16	20	6	Boone	Feb.	11	1950		4596
Beaver Creek	Floyd Ellis	St. Edward	Pump	Irrig.	.55	17	18	4	Platte	Aug.	2	1952		5003
Beaver Creek	Grayce I. Clark	St. Edward	Pump	Irrig.	.86	13	18	5	Boone	July	27	1953		5417
Beaver Creek	A. E. Hasselbalch	St. Edward	Pump	Irrig.	.82	1	18	5	Boone	Aug.	3	1953		5443
Beaver Creek	Gladys O. Wright	Genoa	Pump	Irrig.	1.29	22	17	4	Nance	Nov.	20	1953		5736
Beaver Creek	Glenn Roberts	St. Edward	Pump	Irrig.	.64	1	18	5	Boone	Jan.	25	1954		5892
Beaver Creek, Ravine, Trib. to	Nettie Choat	Albion	Choat Reservoir	Storage	†36 AF	4	19	5	Boone	Dec.	9	1949		4546
Bogus Creek	Kenneth W. Carter	St. Edward	Pump	Irrig.	1.02	11	18	5	Boone	May	11	1937		2741
Bogus Creek	Edward C. Hall	St. Edward	Pump No. 2	Irrig.	.11	12	18	5	Boone	Sept.	5	1940		3255
Bogus Creek	Leo T. Corcoran	St. Edward	Pump	Irrig.	.50	11	18	5	Boone	Aug.	17	1953		5479
Calamus River	Calamus Irrig. District	Harrop	Calamus Canal	Irrig.	**90.19	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	J. C. Phillips, et al	Burwell	Pump	Irrig.	.53	25	25	21	Brown	June	13	1932		2273
Calamus River	Glen Hesselgesser	Burwell	Pump	Irrig.	.34	9	22	17	Loup	Oct.	28	1941		3527
Calamus River	H. H. Webb	Burwell	Pump	Irrig.	.70	25	22	17	Loup	Apr.	26	1948		4249
Calamus River	R. B. Walford	Burwell	Pump	Irrig.	.88	25	22	17	Loup	May	8	1948		4261
Calamus River	Boller and Boller	Ainsworth	Pumps	Irrig.	1.89	6	25	21	Brown	Feb.	17	1949		4439
Calamus River	J. E. M. Thomson	Lincoln	Pumps	Irrig.	8.80	6	33	18	Loup	Oct.	28	1952		5050
						8	16	17	Loup	Oct.	28	1952		5050
Calamus River	R. B. Walford	Burwell	Pump	Irrig.	.12	25	22	17	Loup	Dec.	8	1952		5101
Calamus River	Fred and Ben Zoerb	Ainsworth	Pumps	Irrig.		22	25	21	Brown	Aug.	6	1954		6572
Calf Creek	Henry J. Cox	Mullen	Henry J. Cox Res. No. 1	Storage		2	26	35	Cherry	Jan.	26	1954		5903

Calf Creek	Donald A. Cox	Mullen	Donald A. Cox Res. No. 1	Storage			18	26	34	Cherry	Feb.	3	1954		5932
Calf Creek	Donald A. Cox	Mullen	Donald A. Cox Res. No. 2	Storage			7	26	34	Cherry	Mar.	16	1954		6069
Cedar Creek, Dry	Sidney Miller	Burwell	Miller Reservoir	Storage	†572 AF	23	22	15		Garfield	July	11	1953		5388
Cedar River	Consumers P. P. Dist.	Columbus	Van Ackeren Plant	Power	290.00	5	18	7		Boone	May	1	1881	1049	
Cedar River	Cedar Valley Roller Mills	Spalding	Cedar Valley Plant	Power	290.00	29	20	9		Greeley	Oct.	1	1890	1056	
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 A-1686	11	16	6		Nance	Jan.	27	1925		1758
Cedar River	Mrs. Chas. Christensen	Fullerton	Pump	Irrig.	2.37	30	17	6		Nance	Sept.	29	1931		2240
Cedar River	Donald L. and Bozena Dopslauf	LaGrange, Texas	Pumps	Irrig.	4.01	23	19	8		Boone	Feb.	14	1934		2364
						24	19	8		Boone	Feb.	14	1934		2364
Cedar River	John C. Haggerty	Spalding	Pump	Irrig.	.30	34	20	9		Greeley	May	31	1934		2390
Cedar River	John C. Haggerty	Spalding	Pump	Irrig.	.76	34	20	9		Greeley	July	20	1936		2592
Cedar River	Susan Kinnier, et al	Spalding	Pump	Irrig.	.57	28	20	9		Greeley	Aug.	17	1936		2617
Cedar River	Mary M. Herzinger, et al.	Cedar Rapids	Pump	Irrig.	1.11	25	19	8		Boone	Feb.	24	1937		2702
Cedar River	W. H. Dobson	Cedar Rapids	Pump	Irrig.	.98	23	19	8		Boone	Feb.	24	1937		2702R
Cedar River	Mrs. Anna Batenhorst	Cedar Rapids	Pump	Irrig.	2.00	15	18	7		Boone	Dec.	29	1937		2819
Cedar River	Laurence W. Hilger	Cedar Rapids	Pump	Irrig.	.30	9	18	7		Boone	Jan.	25	1938		2830
Cedar River	Mary Dodd	Redondabeach	Pump	Irrig.	.79	9	18	7		Boone	Jan.	25	1938		2830R
Cedar River	John M. Homan	Cedar Rapids	Pump	Irrig.	.81	9	18	7		Boone	Feb.	7	1938		2834
Cedar River	Leonard A. Scott	Belgrade	Pump	Irrig.	.89	1	17	7		Nance	Oct.	4	1938		2887
Cedar River	Leah E. Noble	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*

†Reservoir capacity alleged by applicant.
**Part of appropriation cancelled.
R. Denotes relocation.
*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
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 and Hodges	Fullerton	Pump	Irrig.	.23	31	17	6	Nance	Sept.	30	1939		2979
Cedar River	Louis L. Vanderheiden	Cedar Rapids	Pump	Irrig.	.41	5	18	7	Boone	Oct.	20	1939		2993
Cedar River	Wm. Eugene Young	Salem, Ohio	Pumps	Irrig.	.53	29	17	6	Nance	Jan.	8	1940		3071
	B. F. Stanton	Alliance, Ohio												
Cedar River	Ona B. Foland	Anaheim, Cal.	Pump	Irrig.	.51	26	18	7	Boone	Aug.	17	1940		3233
Cedar River	Walter Swerczek	Cedar Rapids	Pump	Irrig.	.91	31	19	7	Boone	Sept.	9	1940		3257
Cedar River	Gus DeWulf	Spalding	Pump	Irrig.	.26	15	18	7	Boone	Oct.	24	1940		3309
Cedar River	Matt Homan	Cedar Rapids	Pump	Irrig.	.20	31	19	7	Boone	Nov.	15	1940		3330
Cedar River	Brayton McKinney Estate	Spalding	Pump No. 1	Irrig.	.50	30	19	7	Boone	Feb.	14	1941		3390
Cedar River	William D. Davis	Primrose	Pump	Irrig.	.69	25	19	8	Boone	Sept.	10	1941		3499
Cedar River	John M. Homan	Cedar Rapids	Pump	Irrig.	.08	9	18	7	Boone	Mar.	11	1942		3559
Cedar River	Magnus A. Diessner	Primrose	Pump	Irrig.	.58	1	19	9	Greeley	Sept.	16	1943		3650
Cedar River	D. C. Thompson Estate	Spalding	Pump	Irrig.	.59	34	20	9	Greeley	Sept.	22	1943		3654
Cedar River	Arend J. Paalman	Cedar Rapids	Pump	Irrig.	.44	22	18	7	Boone	Oct.	20	1943		3660
Cedar River	Mrs. Marie Wise	Houston	Pump	Irrig.	.58	25	19	8	Boone	Nov.	18	1943		3662
Cedar River	H. V. Campbell	Belgrade	Pump	Irrig.	.49	35	18	7	Nance	Feb.	7	1944		3682
Cedar River	Mrs. Fannie Burnside	Belgrade	Pump	Irrig.	.58	22	18	7	Boone	Feb.	10	1944		3685
Cedar River	Mrs. Chas. Zabka	Belgrade	Pump	Irrig.	.24	35	18	7	Nance	Feb.	15	1944		3686
Cedar River	Mrs. Fred G. Walker	Cedar Rapids	Pump	Irrig.	.22	5	18	7	Boone	June	22	1944		3736
Cedar River	Jennie E. Casper	Oakland	Pump	Irrig.	.22	25	19	8	Boone	July	31	1944		3747
Cedar River	W. H. Dobson	Cedar Rapids	Pump	Irrig.	.46	23	19	8	Boone	Aug.	16	1944		3752
Cedar River	Brayton McKinney Estate	Spalding	Pump	Irrig.	.09	30	19	7	Boone	Feb.	6	1945		3807
Cedar River	Fred E. Ewing	Cedar Rapids	Pump	Irrig.	.80	30	19	7	Boone	Feb.	19	1945		3810

Cedar River	Eldon J. Smith	Burwell	Pump	Irrig.	.52	4	20	11	Greeley	Feb.	4	1947	4030
Cedar River	Wm. Primrose	Primrose	Pump	Irrig.	.64	8	19	8	Boone	Feb.	17	1947	4037
Cedar River	Billie A. Weil	Ericson	Pump	Irrig.	.40	3	20	11	Greeley	Feb.	20	1947	4040
Cedar River	Leonard Scott	Belgrade	Pump	Irrig.	.11	1	17	7	Nance	Mar.	29	1947	4055
Cedar River	H. V. Campbell	Belgrade	Pump	Irrig.	.29	35	18	7	Nance	Mar.	31	1947	4058
Cedar River	Mrs. Effie M. Vosburgh	Belgrade	Pump	Irrig.	1.36	13	17	7	Nance	Mar.	31	1947	4059
Cedar River	Eldon J. Smith	Burwell	Pump	Irrig.	.72	4	20	11	Greeley	Oct.	7	1947	4122
Cedar River	John C. Bernt	Spalding	Pump No. 2	Irrig.	.19	6	20	10	Greeley	Nov.	14	1947	4145
Cedar River	G. E. McManigal	Yakima, Wash	Pump	Irrig.	.81	26	18	7	Boone	Dec.	8	1947	4155
Cedar River	Gerald N. Lockhart	Ericson	Pump	Irrig.	1.00	31	21	11	Wheeler	Jan.	2	1948	4164
Cedar River	Max V. Swanson	Belgrade	Pump	Irrig.	.30	19	17	6	Nance	Feb.	14	1948	4208
Cedar River	Walter Swerczek	Cedar Rapids	Pump	Irrig.	.17	31	19	7	Boone	July	10	1948	4304
Cedar River	Gerald N. Malander	Belgrade	Pump	Irrig.	.40	12	17	7	Nance	Sept.	8	1948	4339
Cedar River	Chas. R. Channer	Cedar Rapids	Pump	Irrig.	.46	35	18	7	Nance	Jan.	3	1949	4411
Cedar River	Eugene H. Toelle	Belgrade	Pump	Irrig.	.16	1	17	7	Nance	Mar.	1	1950	4609
Cedar River	Francis E. McCormick	Belgrade	Pump	Irrig.	.46	24	17	7	Nance	Feb.	24	1953	5182
Cedar River	Lloyd Sprague	Fullerton	Pump	Irrig.	.90	29	17	6	Nance	Sept.	1	1953	5528
Cedar River	Vern Donner	Burwell	Pump	Irrig.		10	22	13	Garfield	July	19	1954	6433
Cedar River	Sherman Tomlinson	Belgrade	Pump	Irrig.		26	18	7	Boone	July	21	1954	6478
Cedar River	Louis D. Casper	Cedar Rapids	Pump	Irrig.		36	18	7	Nance	July	26	1954	6487
Cedar River	Anton J. Faust	Cedar Rapids	Pump	Irrig.		10	18	7	Boone	July	30	1954	6527
Cedar River	Raymond B. Bernt	Spalding	Pumps	Irrig.		2	20	11	Greeley	Aug.	2	1954	6552
Cedar River	Elden C. Epley	Fairfield	Pumps	Irrig.		5	22	13	Garfield	Aug.	9	1954	6575
						32	23	13	Garfield	Aug.	9	1954	6575
Cedar River	Boyd Jacobs	Fullerton	Pump	Irrig.		12	16	6	Nance	Aug.	24	1954	6633
Cedar River	F. Vaclav Vesely	Lewellen	Pump	Irrig.		13	22	13	Garfield	Aug.	24	1954	6636
Cedar River	John H. Heithoff	Cedar Rapids	Pump	Irrig.		29	19	7	Boone	Sept.	7	1954	6681
Cedar River	Fuller and Arnold	Fullerton	Pump	Irrig.		26	18	7	Boone	Sept.	27	1954	6696
Cedar River	Geo. A. Storrs Estate	Cedar Rapids	Pump	Irrig.		4	18	7	Boone	Sept.	27	1954	6699
Clear Creek	Harold A. Sherbeck	Westerville	Pumps	Irrig.	4.13	5	16	17	Custer	Feb.	7	1927	1894
	Clarence I. Sherbeck	Ansley				4	16	17	Custer	Feb.	7	1927	1894

*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Clear Creek	Maurice T. Lowery	Mason City	Pump	Irrig.	1.11	1	15	17	Custer	Aug.	22	1928		2026
Clear Creek	Paul H. Dean	Broken Bow	Pump	Irrig.	2.00	22	16	17	Custer	Oct.	9	1928		2040
Clear Creek	Louis Banker, Jr.	Kanawha, Ia.	Pump	Irrig.	.13	36	14	16	Sherman	Mar.	30	1934		2370
Clear Creek	Brown and Scott	Ansley	Pump	Irrig.	.96	27	17	18	Custer	Dec.	15	1938		2900
Clear Creek	Albert Heapy	Litchfield	Pump	Irrig.	.15	10	14	16	Sherman	Nov.	2	1939		3004
Clear Creek	A. Casteel	Ansley	Pump	Irrig.	.93	1	16	18	Custer	Dec.	12	1939		3049
Clear Creek	L. J. Kohls	Litchfield	Pump	Irrig.	.13	4	14	16	Sherman	May	3	1945		3829
Clear Creek	John J. Cherry	Litchfield	Pump	Irrig.	.18	33	15	16	Sherman	Sept.	28	1945		3855
Clear Creek	Darrell R. Packer	Loup City	Pump	Irrig.	.16	7	15	16	Sherman	Feb.	10	1947		4031
Clear Creek	John C. Bernt	Spalding	Pump No. 1	Irrig.	.16	6	20	10	Greeley	Nov.	14	1947		4144
Clear Creek	W. L. Vocke	Litchfield	Pump	Irrig.	.30	17	15	16	Sherman	Jan.	6	1948		4167
Clear Creek	Vincent Kusek	Loup City	Pump	Irrig.	.15	17	15	16	Sherman	June	19	1948		4292
Clear Creek	John J. Cherry	Litchfield	Pump No. 2	Irrig.	.35	33	15	16	Sherman	June	21	1948		4294
Clear Creek	Delbert Burton	Litchfield	Pump	Irrig.	.87	3	14	16	Sherman	July	31	1948		4317
Clear Creek	Harold Johnson	Litchfield	Pump	Irrig.	.13	23	15	16	Sherman	Feb.	17	1949		4437
Clear Creek	Roy E. Stephens	Litchfield	Pump	Irrig.	1.23	22	14	16	Sherman	Feb.	17	1950		4602
Clear Creek	Fenton E. McEwen	Westerville	Pump	Irrig.	.33	3	16	18	Custer	Feb.	23	1954		5979
Clear Creek	Sidney Vose	Arcadia	Pump	Irrig.		6	16	17	Custer	Mar.	29	1954		6104
Clear Creek	Lyman P. Cass	Ravenna	Clear Creek Pump Canal No. 1	Irrig.		36	16	17	Custer	July	6	1954		6405*
Clear Creek	Lyman P. Cass	Ravenna	Clear Creek Pump Canal No. 2	Irrig.		33	15	16	Sherman	July	6	1954		6406*
Clear Creek	Lyman P. Cass	Ravenna	Clear Creek Pump Canal No. 3	Irrig.		15	14	16	Sherman	July	6	1954		6407*
Clear Creek	Chesnin Farms	Lincoln	Pumps	Irrig.		25	14	16	Sherman	July	29	1954		6514
Clear Creek, Ravine, Trib. to	Mrs. W. M. Welsh	Lincoln	Welsh Reservoir	Storage	†28 AF	36	17	18	Custer	May	2	1941		3437
‡Clear Creek	Louis N. Glaser	Spalding	Pump	Irrig.	.99	31	21	10	Wheeler	June	7	1943		3616

Coble Reservoir	Glen W. Coble	Whitman	High Line Canal	Supp. I	A-2525	20	28	35	Cherry	Oct.	10	1934		2574
Cold Spring Cr.	Michael Ballweg	Spalding	Pump	Irrig.	.84	11	20	10	Greeley	Mar.	14	1940		3118
Cold Spring Cr.	Joseph Glaser	Spalding	Pump	Irrig.	.85	14	20	10	Greeley	Sept.	11	1942		3586
Columbus Drain	Bess Segelke	Columbus	Pump	Irrig.	.54	8	17	1E	Platte	Mar.	5	1941		3408
Cotton Creek	James Olsen	Farwell	Pump	Irrig.	.12	6	14	11	Howard	Oct.	25	1940		3311
Cow Creek	Wm. H. Manning	Cascade	Homestead Canal	Irrig.	2.29	7	26	27	Cherry	July	14	1894	194	
Cottonwood Creek	Glen Hill	Arcadia	Pump	Irrig.	.39	8	17	16	Valley	June	1	1953		5337
Dane Creek	Earl J. Kriewald	Ord	Koupal Canal	Irrig.	.14	20	19	14	Valley	July	5	1912		1207
Davis Creek	Martin Christensen	Solvang, Cal.	Pump	Irrig.	.25	7	16	12	Howard	Aug.	4	1937		2769
Dead Horse Cr.	Floyd S. Janulewicz	Loup City	Pump	Irrig.		19	15	14	Sherman	July	21	1954		6477
Deer Creek	Mervin R. Eighmy	Lincoln	Pump	Irrig.	1.00	8	13	19	Custer	Mar.	7	1946		3881
Deer Creek	Frank Wood	Sumner	Pump	Irrig.	1.72	8	13	19	Custer	Oct.	10	1946		3978
Dismal River	A. J. Van Antwerp, et al.	Broken Bow	Dismal Canal	Irrig.		21	21	26	Thomas	Aug.	18	1938		2880*
Dismal River	Marvin S. Tucker	Mullen	Pump	Irrig.	1.44	21	21	34	Hooker	June	2	1953		5339
Dismal River	James O. Morey	Staplehurst	Pump	Irrig.	.12	15	21	28	Thomas	June	12	1953		5352
Duck Creek	Edward Bartunek	Linwood	Pump	Irrig.	.41	23	17	4E	Butler	Sept.	23	1941		3509
Elm Creek	Wayne E. Stewart	Los Angeles	Pump	Irrig.	1.68	25	19	14	Valley	Sept.	30	1929		2107
Elm Creek	Joe Rutar, Jr.	Ord	Pump	Irrig.	.16	24	19	14	Valley	June	12	1943		3619
Elm Creek	Stanley Rutar	Ord	Pump	Irrig.	.31	25	19	14	Valley	Dec.	21	1944		3789

*Application not approved.
†Reservoir capacity alleged by applicant.
‡Clear Creek in Wheeler County is a different stream than Clear Creek in Sherman and Custer Counties.
Supp. I. 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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Elm Creek	Elizabeth A. Spellecy	Omaha	Pump	Irrig.	.28	1	18	2	Platte	Apr.	2	1952		4961
Elm Creek	Joseph Jasper, Jr.	Platte Center	Pump	Irrig.		1	18	2	Platte	Aug.	31	1954		6678
Fish Creek	Chris Boilesen	Cotesfield	Pumps	Irrig.	.15	1	16	12	Howard	Dec.	19	1940		3355
						6	16	11	Howard	Dec.	19	1940		3355
Fish Creek	Everett Barnes	Cotesfield	Pump	Irrig.		7	16	11	Howard	Aug.	12	1954		6584
Goose Creek	P. C. and J. M. Erickson	Brewster	Erickson Canal	Irrig.	8.00	18	25	24	Brown	Apr.	3	1895	209	
Goose Creek	R. P. Giles, et al	Elsmere	Giles Canal	Irrig.	10.00	2	25	25	Cherry	June	1	1895	187	
Goose Creek	F. Crook	Giles	Crook Canal	Irrig.	**3.50	33	25	24	Brown	June	2	1896		345
Goose Creek	C. E. Fink	Elsmere	Empire Ranch Canal	Irrig.	1.62	35	26	25	Cherry	June	11	1934		2405
Goose Creek	Arnold F. Fink	Elsmere	Pump	Irrig.	3.80	16	26	25	Cherry	Jan.	31	1951		4795
Goose Creek	R. S. Teaford	Koshopah	Pump	Irrig.	1.69	4	24	24	Blaine	Nov.	17	1952		5072
Goose Creek, Trib. to	Graydon Anderson	Valentine	Anderson Canal	Irrig.	1.96	17	28	27	Cherry	Feb.	28	1951		4814
Gracie Creek	A. E. Shoemaker	Burwell	Gracie High Line Canal	Irrig.	.29	29	23	17	Loup	July	9	1897		397
Ground Water	Morris E. Myers	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	Inez F. Lewin	Arcadia	Lewin Well	Irrig.		36	17	17	Custer	Oct.	6	1941		3514*
Ground Water	Burt Craft	North Loup	Craft Well	Irrig.		6	17	12	Greeley	Jan.	11	1943		3593*
Ground Water	Phillip A. Tomek	David City	Tomek Well	Irrig.		12	16	2	Butler	Apr.	9	1943		3605*
Ground Water	Kenneth O. Patterson	Primrose	Patterson Well	Irrig.		15	19	8	Boone	Oct.	7	1943		3657*
Ground Water	Catherine Patterson	Primrose	Patterson Well	Irrig.		4	19	8	Boone	Oct.	7	1943		3658*
Ground Water	Emma L. Benham	Albion	Benham Well	Irrig.		31	19	7	Boone	Oct.	15	1943		3659*
Ground Water	H. A. Rinder	Columbus	Rinder Well	Irrig.		19	19	2	Platte	Feb.	16	1944		3687*

Ground Water	Laurence M. Bryan	St. Edward	Bryan Well	Irrig.	28	19	5	Boone	Feb.	16	1944		3688*
Ground Water	E. M. Nielsen	Columbus	Nielsen Well	Irrig.	33	17	1	Platte	May	12	1944		3726*
Ground Water	Elmer Choat	St. Edward	E. Choat Well	Irrig.	16	19	5	Boone	Sept.	7	1944		3764*
Ground Water	M. L. Choat	St. Edward	Choat Well	Irrig.	4	19	5	Boone	Sept.	9	1944		3765*
Ground Water	Clarence Choat	St. Edward	Choat Well	Irrig.	28	19	5	Boone	Jan.	31	1945		3804*
Ground Water	Marion Fisher	Albion	Fisher Well	Irrig.	29	19	5	Boone	Oct.	25	1946		3989*
Ground Water	Zongar Johnson	St. Edward	Johnson Well	Irrig.	32	19	5	Boone	Oct.	31	1946		3995*
Ground Water	George Parrott	Albion	Parrott Well	Irrig.	33	19	5	Boone	Nov.	20	1946		4008*
Ground Water	Darrell R. Packer	Loup City	Packer Well	Irrig.	7	15	16	Sherman	Feb.	10	1947		4032*
Ground Water	John Cosner	Sargent	Cosner Well	Irrig.	27	20	18	Custer	June	18	1947		4081*
Ground Water	Oliver W. Fellows	Sargent	Fellows Well	Irrig.	34	20	18	Custer	Aug.	21	1947		4099*
Ground Water	Victor Mares	Schuyler	Mares Well	Irrig.	31	18	4	Colfax	Oct.	9	1947		4124*
Ground Water	Frank Slangal, et al	Sargent	Slangal Well	Irrig.	27	20	18	Custer	Jan.	12	1948		4179*
Ground Water	Christ Jensen	Fullerton	Jensen Well No. 1	Irrig.	5	15	5	Nance	Jan.	21	1948		4187*
Ground Water	Wolf and Wolf	Albion	Wolf Well	Irrig.	15	20	6	Boone	Feb.	5	1948		4201*
Ground Water	Wolf and Wolf	Albion	Wolf Well	Irrig.	15	20	6	Boone	Feb.	5	1948		4202*
Ground Water	G. R. Semler	Sargent	Semler Well	Irrig.	8	19	18	Custer	Feb.	25	1948		4214*
Ground Water	Harold Grint	Sargent	Grint Well	Irrig.	9	19	17	Custer	Apr.	20	1948		4247*
Ground Water	Willie Urban	Comstock	Urban Well	Irrig.	31	18	16	Valley	May	3	1948		4256*
Ground Water	Joseph J. Morbach	Bellwood	Morback Well	Irrig.	27	16	2E	Butler	May	3	1948		4258*
Ground Water	L. O. Johnson	Sweetwater	Johnson Well	Irrig.	36	13	15	Sherman	July	19	1948		4308*
Ground Water	J. Victor Johnson	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	Evon W. Fowler	Arcadia	Fowler Well	Irrig.	19	16	15	Sherman	Feb.	23	1949		4440*
Ground Water	Floyd Wozniak	Elyria	Wozniak Well	Irrig.	35	20	15	Valley	Mar.	8	1949		4447*
Ground Water	Ted W. Holmes	Milburn	Holmes Well	Irrig.	30	20	20	Custer	Mar.	28	1949		4450*
Ground Water	Erick Kuck	St. Libory	Kuck Well	Irrig.	35	13	9	Howard	Aug.	30	1949		4507*
Ground Water	Clarence B. Reubenthaler	Scotia	Reubenthaler Well	Irrig.	32	18	12	Greeley	Dec.	10	1949		4547*
Ground Water	Everett E. Stone	Sargent	Stone Well	Irrig.	31	20	19	Custer	Jan.	3	1950		4563*
Ground Water	Opal L. Smith	Broken Bow	Smith Well No. 1	Irrig.	6	16	19	Custer	Apr.	27	1950		4654*
Ground Water	Emmett M. Smith	Broken Bow	Smith Well No. 2	Irrig.	6	16	17	Custer	Apr.	27	1950		4655*
Ground Water	Alan S. Dewey, Sr.	Gates	Dewey Well	Irrig.	4	19	20	Custer	June	1	1950		4687*
Ground Water	Chas. Pabian	Ravenna	Pabian Well	Irrig.	4	12	14	Buffalo	Nov.	10	1950		4766*

**Part of appropriations cancelled.
*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	E. M. Nielsen	Columbus	Nielsen Well	Irrig.		3	17	3	Platte	Feb.	26	1951		4807*
Ground Water	E. M. Nielsen	Columbus	Nielsen Well	Irrig.		3	17	1	Platte	Feb.	26	1951		4808*
Ground Water	Warren D. Cruise	Riverdale	Cruise Well	Irrig.		34	11	16	Buffalo	Jan.	8	1952		4981*
Ground Water	John H. Jacobsen	Broken Bow	Jacobsen Well	Irrig.		5	19	20	Custer	Jan.	18	1952		4935a*
Ground Water	James T. McGraw	Broken Bow	McGraw Well	Irrig.		6	19	20	Custer	Jan.	18	1952		4935b*
Ground Water	L. J. Kohls	Litchfield	Kohls Well	Irrig.		4	14	16	Sherman	Apr.	2	1952		4960*
Ground Water	Ray E. Muhlback	Ravenna	Muhlback Well	Irrig.		26	12	14	Buffalo	July	17	1952		4992*
Ground Water	Ray Cruise	Riverdale	Cruise Well	Irrig.		35	11	16	Buffalo	Oct.	6	1952		5040*
Ground Water	R. G. Brown	Sargent	Brown Well	Irrig.		26	17	25	Custer	Oct.	28	1952		5052*
Ground Water	Louise C. Owens	Loup City	Owens Well	Irrig.		30	17	24	Custer	Oct.	28	1952		5053*
Ground Water	Harold C. Kepler	Broken Bow	Kepler Well	Irrig.		22	19	21	Custer	Apr.	27	1953		5292*
Ground Water	Myron Kleeb	Sargent	Kleeb Well	Irrig.		30	19	19	Custer	July	10	1953		5381*
Ground Water	Edward A. Osantowski	Bellwood	Osantowski Well	Irrig.		9	16	2E	Butler	July	11	1953		5386*
Ground Water	R. A. Hunter	Pleasanton	Hunter Well	Irrig.		1	11	16	Buffalo	July	24	1953		5415*
Ground Water	Fred Unick	Pleasanton	Unick Well	Irrig.		29	12	16	Buffalo	Aug.	28	1953		5516*
Ground Water	Glen A. Newquist	Sumner	Newquist Well	Irrig.		31	12	18	Buffalo	Sept.	22	1953		5594*
Ground Water	Fred J. Hehner	Pleasanton	Hehner Well	Irrig.		27	12	16	Buffalo	Oct.	6	1953		5628*
Ground Water	Henry Burvial	Page	Burvial Well	Irrig.		21	19	9	Holt	Nov.	2	1953		5695*
Ground Water	J. J. Papa	Octavia	Papa Well No. 1	Irrig.		16	16	3E	Butler	Nov.	30	1953		5763*
Ground Water	J. J. Papa	Octavia	Papa Well No. 2	Irrig.		21	16	3E	Butler	Nov.	30	1953		5764*
Ground Water	Ernest Haumont	Broken Bow	Haumont Well	Irrig.		12	19	20	Custer	Dec.	3	1953		5768*
Ground Water	Ernest Haumont	Broken Bow	Haumont Well	Irrig.		13	19	20	Custer	Dec.	3	1953		5769*
Ground Water	Lawrence J. Gaughen	North Bend	Gaughen Well	Irrig.		14	17	6E	Dodge	Dec.	8	1953		5782*
Ground Water	J. T. Carman	Litchfield	Carman Well	Irrig.		7	12	16	Buffalo	Dec.	11	1953		5787*
Ground Water	Tracy H. Tucker	Dannebrog	Tucker Well	Irrig.		9	14	16	Sherman	Dec.	23	1953		5815*
Ground Water	Chesnin Farms	Lincoln	Chesnin Well No. 1	Irrig.		26	14	16	Sherman	Dec.	28	1953		5823*
Ground Water	Chesnin Farms	Lincoln	Chesnin Well No. 2 & 3	Irrig.		25	14	16	Sherman	Dec.	28	1953		5824*
Ground Water	Chesnin Farms	Lincoln	Chesnin Well No. 4	Irrig.		26	14	16	Sherman	Dec.	28	1953		5825*

Ground Water	Oliver P. Nachtman	Merna	Nachtman Well	Irrig.	22	18	22	Custer	Jan.	26	1954	5902*
Ground Water	Raymond F. Hansen	Cotesfield	Hansen Well	Irrig.	6	16	11	Howard	Feb.	4	1954	5936*
Ground Water	Fred B. Rengler	Albion	Rengler Wells	Irrig.	19	19	5	Boone	Feb.	9	1954	5946*
					20	19	5	Boone	Feb.	9	1954	5946*
Ground Water	Edward Kroeger	Schuyler	Kroeger Well	Irrig.	15	17	3E	Colfax	Feb.	26	1954	5994*
Ground Water	Kenneth D. Kroeger	Schuyler	Kroeger Well	Irrig.	16	17	3E	Colfax	Feb.	27	1954	6004*
Ground Water	Beulah Coakley	Arcadia	Coakley Well	Irrig.	7	17	16	Valley	Mar.	8	1954	6039*
Ground Water	John C. Thom	Grand Island	Thom Well	Irrig.	17	11	14	Buffalo	Mar.	9	1954	6044*
Ground Water	Elmer Maddox	Palmer	Maddox Well	Irrig.	10	14	9	Howard	Mar.	12	1954	6057*
Ground Water	Valdemar Hunse	Arnold	Hunse Well	Irrig.	11	17	25	Custer	Mar.	30	1954	6109*
Ground Water	R. H. Lautenschlager	Palmer	Lautenschlager Well	Irrig.	23	14	9	Howard	Mar.	30	1954	6118*
Ground Water	Vincent Kusek	Loup City	Kusek Well	Irrig.	17	15	16	Sherman	Mar.	30	1954	6119*
Ground Water	Henry C. Wedemeyer	Ravenna	Wedemeyer Well	Irrig.	16	11	14	Buffalo	Mar.	30	1954	6124*
Ground Water	Melvin V. Rockwell	Broken Bow	Rockwell Well	Irrig.	3	16	20	Custer	Mar.	30	1954	6128*
Ground Water	L. Earl Williams	Ansley	Williams Well	Irrig.	31	16	18	Custer	Mar.	30	1954	6151*
Ground Water	John J. Perry, Jr.	Sweetwater	Perry Well	Irrig.	11	12	15	Buffalo	Apr.	14	1954	6185*
Ground Water	John West	Primrose	West Well	Irrig.	14	19	8	Boone	Apr.	14	1954	6188*
Ground Water	Joseph F. Hervert	Ravenna	Hervert Well	Irrig.	23	12	14	Buffalo	Apr.	14	1954	6190*
Ground Water	Foster S. Smith	Callaway	Smith Well	Irrig.	15	15	22	Custer	Apr.	14	1954	6192*
Ground Water	W. E. Armold	Callaway	Armold Well	Irrig.	10	15	23	Custer	Apr.	14	1954	6194*
Ground Water	Charles J. Dresch	Primrose	Dresch Well	Irrig.	16	19	8	Boone	Apr.	14	1954	6195*
Ground Water	August Sauser	Cedar Rapids	Sauser Well	Irrig.	10	18	7	Boone	Apr.	14	1954	6196*
Ground Water	Carl Easterbrook	Arcadia	Easterbrook Well	Irrig.	3	16	16	Sherman	Apr.	26	1954	6241*
Ground Water	Bert Payzant	Schuyler	Payzant Well	Irrig.	6	17	4E	Colfax	Apr.	29	1954	6250*
Ground Water	Paul A. Downey	Merna	Downey Well	Irrig.	15	18	22	Custer	Apr.	29	1954	6255*
Ground Water	Henry Wedemeyer	Ravenna	Wedemeyer Well	Irrig.	5	11	14	Buffalo	Apr.	29	1954	6265*
Ground Water	Frank J. Blaschka, et al	Gibbon	Blaschka Well	Irrig.	32	11	14	Buffalo	Apr.	29	1954	6267*
Ground Water	Armin J. Leuck	Arcadia	Leuck Well	Irrig.	10	17	15	Valley	Apr.	30	1954	6273*
Ground Water	Bert Fochtman	Arnold	Fochtman Well	Irrig.	35	17	25	Custer	May	14	1954	6298*
Ground Water	R. H. Van Cleave	Callaway	Van Cleave Well	Irrig.	8	15	22	Custer	May	14	1954	6301*
Ground Water	Frank A. Johnson	Burwell	Johnson Well No. 1	Irrig.	26	21	18	Loup	May	14	1954	6303*
Ground Water	Frank A. Johnson	Burwell	Johnson Well No. 2	Irrig.	26	21	18	Loup	May	14	1954	6304*

*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	R. D. Bryson	Callaway	Bryson Well	Irrig.		13	15	23	Custer	May	14	1954		6307*
Ground Water	Melvin L. Clinger	Ansley	Clinger Well	Irrig.		14	15	18	Custer	May	14	1954		6309*
Ground Water	Albert A. Lindell	Arcadia	Lindell Well	Irrig.		10	16	16	Sherman	June	24	1954		6385*
Ground Water	Donald E. Florea	Sargent	Florea Well	Irrig.		25	20	19	Custer	June	24	1954		6388*
Ground Water	James F. Svoboda	Burwell	Svoboda Well	Irrig.		9	21	14	Garfield	July	20	1954		6439*
						15	21	14	Garfield	July	20	1954		6439*
Ground Water	John L. Nickman	Pleasanton	Nickman Well	Irrig.		15	12	16	Buffalo	July	20	1954		6441*
Ground Water	Agnes Krzycki	Elba	Krzycki Well	Irrig.		3	15	11	Howard	July	20	1954		6449*
Ground Water	L. V. H. Lautenschlager	Palmer	Lautenschlager Well	Irrig.		15	14	9	Howard	July	20	1954		6460*
Ground Water	Gordon L. Urwiller	Ravenna	Urwiller Well	Irrig.		14	12	15	Buffalo	July	31	1954		6537*
Ground Water	R. C. Kirschner	Pleasanton	Kirschner Well	Irrig.		32	12	16	Buffalo	July	31	1954		6539*
Ground Water	Jerome N. Hemmer	St. Libory	Hemmer Well	Irrig.		36	13	10	Howard	Aug.	14	1954		6590*
Ground Water	Mary Helen Butcher	Rock Island, Ill.	Butcher Well	Irrig.		19	20	20	Custer	Aug.	14	1954		6608*
Ground Water	F. L. Rubart	Kearney	Rubart Well	Irrig.		16	12	16	Buffalo	Aug.	14	1954		6611*
Ground Water	Frank B. Davenport	David City	Davenport Well	Irrig.		20	16	3E	Butler	Aug.	14	1954		6617*
Ground Water	M. F. McKeon	Sweetwater	McKeon Well	Irrig.		3	12	15	Buffalo	Aug.	27	1954		6641*
Ground Water	Emil Kokes	Ord	Kokes Well	Irrig.		12	18	15	Valley	Aug.	27	1954		6642*
Ground Water	Paul Arterburn	St. Paul	Arterburn Well	Irrig.		34	15	10	Howard	Aug.	27	1954		6645*
Ground Water	Roland L. Samp	Mason City	Samp Well	Irrig.		22	13	18	Custer	Aug.	27	1954		6646*
Ground Water	E. J. Lange	Ord	Lange Well	Irrig.		13	18	15	Valley	Aug.	27	1954		6661*
Ground Water	Wm. Prochaska	Ravenna	Prochaska Well	Irrig.		3	11	14	Buffalo	Aug.	27	1954		6667*
Ground Water	William D. Davis	Primrose	Davis Well No. 1	Irrig.		9	19	8	Boone	Aug.	27	1954		6674*
Ground Water	William D. Davis	Primrose	Davis Well No. 2	Irrig.		25	19	8	Boone	Aug.	27	1954		6675*
Ground Water	William D. Davis	Primrose	Davis Well No. 3	Irrig.		9	19	8	Boone	Aug.	27	1954		6676*
Ground Water	Wm. Hansen	Ord	Hansen Well	Irrig.		11	18	15	Valley	Sept.	28	1954		6701*
Ground Water	Paul V. Wendt	Columbus	Wendt Well	Irrig.		11	17	1E	Platte	Sept.	28	1954		6710*

Ground Water	Fred Lehn & Son	Scotia	Lehn Well	Irrig.			14	17	12	Greeley	Sept.	28	1954		6712*
Ground Water	Dayton W. Wilkerson	Callaway	Wilkerson Well	Irrig.			8	15	21	Custer	Sept.	28	1954		6713*
Ground Water	Donald P. Lair	Stapleton	Lair Wells	Irrig.			21	18	29	Logan	Sept.	28	1954		6715*
Ground Water	Ernest Zabloudil	Ord	Zabloudil Well	Irrig.			29	19	15	Valley	Sept.	28	1954		6718*
Ground Water	Glen Walker	Burwell	Walker Well	Irrig.			33	21	17	Loup	Sept.	28	1954		6725*
Ground Water	Mrs. Eloine Papa	Octavia	Papa Well	Irrig.			15	16	3	Butler	Sept.	28	1954		6732*
Ground Water	Eldon E. Lange	Ord	Lange Well	Irrig.			6	18	14	Valley	Sept.	30	1954		6742*
Ground Water	Matthew Wachal	Richland	Wachal Well	Irrig.			10	17	2E	Colfax	Sept.	30	1954		6743*
Hawthorne Creek	Ralph Hughes	Arcadia	Pump	Irrig.		.37	26	17	16	Valley	Jan.	8	1946		3862
Homan Creek	Matt Homan	Cedar Rapids	Pump	Irrig.		1.40	31	19	7	Boone	Jan.	6	1938		2820
Lake Creek	Joseph C. Toman	St. Paul	Toman Lake	Resort		†15 AF	36	15	10	Howard	Nov.	11	1936		2658
Lake McAllister	Rose Engell	Richland	Pump	Irrig.		.42	32	17	2E	Colfax	July	15	1950		4726
Lee Creek	Inez F. Lewin	Arcadia	Lewin Reservoir	Storage		†49 AF	19	17	16	Valley	June	7	1946		3913
Lillian Creek	Frank J. Davis	Broken Bow	Pump	Irrig.		4.90	1	19	20	Custer	Feb.	7	1927		1895
Lillian Creek	Seba E. Phillips	Broken Bow	Myers Canal	Irrig.		.11	15	19	20	Custer	Aug.	30	1927		1956
Looking Glass Cr.	E. A. and F. H. Gerrard	Monroe	Monroe Canal	Irrig.		2.86	1	17	3	Platte	June	12	1894	289	
Looking Glass Cr.	Minnie Christman	Genoa	Pump	Irrig.		.94	5	17	3	Platte	July	26	1941		3472
Looking Glass Cr.	Parrott and Haney	Columbus	Pump	Irrig.		.96	17	17	3	Platte	Feb.	19	1951		4802
Looking Glass Cr.	Chester Hansen	Genoa	Pump	Irrig.			17	17	3	Platte	Mar.	24	1954		6085
Looking Glass Cr.	Paul Gertsch and Sons	Monroe	Pump	Irrig.			6	17	2	Platte	Sept.	1	1954		6679*
Loseke Creek	Arthur and Emil Klug	Columbus	Pump	Irrig.		.27	13	18	1E	Platte	Nov.	2	1939		3005

*Application not approved.
†Reservoir capacity alleged by applicant.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Lost Creek (Warm Slough)	Henry Kohler, et al	Schuyler	Pump	Irrig.	1.30	28	17	3E	Colfax	Oct.	12	1928		2041
Lost Creek (Slough)	Otto Holoubek	Schuyler	Ballon Lake	Resort	†14 AF	29	17	3E	Colfax	June	11	1934		2406
Lost Creek	Otto Holoubek	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	Herman Oehlrich, et al	Columbus	Pump	Irrig.	.76	20	17	2E	Colfax	Nov.	15	1939		3018
Lost Creek	Mrs. John H. Siefken	Columbus	Pump	Irrig.	.25	30	17	2E	Colfax	Dec.	15	1939		3054
Lost Creek	Herman Hellbusch	Columbus	Pump	Irrig.	.57	18	17	1E	Platte	Dec.	18	1939		3059
Lost Creek	Leonard Shuster	Schuyler	Pump	Irrig.	1.66	23	17	3E	Colfax	Sept.	17	1941		3507
Lost Creek	Blanche Sheldon	Columbus	Pump	Irrig.	.69	11	17	1	Platte	May	9	1944		3724
Lost Creek	Lowell Burley	Norfolk	Pump	Irrig.	.64	30	17	2E	Colfax	July	28	1947		4088
Lost Creek	Roy Nelson	Schuyler	Pump	Irrig.	.70	27	17	2E	Colfax	Aug.	11	1947		4092
Lost Creek	Geo. A. Oberg	Schuyler	Pump	Irrig.	2.35	21	17	2E	Colfax	July	18	1949		4488
Lost Creek	Matthew Wachal	Richland	Pump	Irrig.	.26	27	17	2E	Colfax	Apr.	16	1954		6207
Lost Creek	Reins and Reins	Platte Center	Pump	Irrig.		27	18	2	Platte	Sept.	9	1954		6684
Loup River	Loup River Public Power District	Columbus	Columbus-Genoa Power Canal	Power	$500.00	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	Everett Forbes	Palmer	Pump	Irrig.	.16	16	15	8	Nance	Oct.	18	1939		2989
Loup River	Charles H. Sheldon	Columbus	Pump No. 2	Irrig.	.15	25	17	1	Platte	Nov.	4	1939		3008
Loup River	Kathryn Carter	Alhambra, Cal.	Columbus-Genoa Canal	Irrig.	.70	6	16	4	Nance	Feb.	23	1940		3093
Loup River	Mrs. J. A. Forbes	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	G. W. Paulson	Cushing	Pump	Irrig.	.29	12	15	9	Howard	May	7	1941		3440

Loup River	Max Franz Schubert	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*
						16	15	9	Howard	June	28	1944	3740*
Loup River	Ernst Luchsinger	Columbus	Columbus-Genoa Canal	Irrig.	1.23	6	16	4	Nance	June	9	1947	4079
Loup River	Otto Cook	Columbus	Columbus-Genoa Canal	Irrig.		6	16	4	Nance	Sept.	8	1948	4340
Loup River	Robert Forbes, et al	Palmer	Pump	Irrig.	3.79	15	15	8	Nance	Oct.	18	1948	4353
Loup River	Edward F. Watke, Sr.	Columbus	Columbus-Genoa Canal	Irrig.	1.30	6	16	4	Nance	Mar.	19	1953	5209
Loup River	Max Franz Schubert	Palmer	Pump	Irrig.	.40	7	15	8	Merrick	May	29	1953	5335
Loup River	Joseph Sauser	Fullerton	Pump	Irrig.	1.18	8	16	5	Nance	July	10	1953	5380
Loup River	Elsie G. Tibbetts	Palmer	Pump	Irrig.	1.60	16	15	8	Nance	Oct.	3	1953	5623
Loup River	Glen V. Wagner	Cushing	Pump	Irrig.	.53	12	15	9	Howard	Dec.	15	1953	5790
Loup River	J. P. Whitney	Fullerton	Pump No. 1	Irrig.	.99	1	15	7	Nance	Jan.	6	1954	5849
Loup River	J. P. Whitney	Fullerton	Pump No. 2	Irrig.	.62	32	16	6	Nance	Jan.	6	1954	5850
Loup River	Chris Sonderup	Fullerton	Pump	Irrig.	2.76	3	16	5	Nance	Jan.	28	1954	5906
Loup River	Joe Delaney	Fullerton	Pump No. 1	Irrig.		5	16	5	Nance	Apr.	1	1954	6158
Loup River	A. G. Saville	Fullerton	Pump	Irrig.		18	16	5	Nance	Apr.	19	1954	6230
Loup River	Santin Brothers	Palmer	Pump	Irrig.		8	15	7	Nance	Apr.	21	1954	6237
Loup River	Oris Rutten	Palmer	Pump	Irrig.		14	15	8	Nance	July	28	1954	6500
Loup River	Ivan Cunningham	Fullerton	Pump	Irrig.		35	16	7	Nance	Aug.	14	1954	6620
Loup River	Harvey Brown	Fullerton	Pump	Irrig.		36	16	7	Nance	Sept.	17	1954	6689
Loup River, Slough, Trib. to	Helen S. Hunter	Columbus	Pump	Irrig.	.29	15	17	1	Platte	June	22	1944	3735
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	U. S. of America	Halsey	Bessey Nursery Canal	Irrig.	1.00	3	22	26	Thomas	Sept.	16	1912	1226
Loup R., Middle	Ted W. Holmes, 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	Harry R. Knapp	Broken Bow	Pump	Irrig.	5.49	32	15	14	Sherman	July	18	1927	1943
Loup R., Middle	Earl Klausen, et al	Rockville	Klausen Canal	Irrig.	2.17	36	14	14	Sherman	Aug.	14	1929	2095
Loup R., Middle	Mary Kowalski	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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Loup R., Middle	John H. Obermiller	Boelus	Pump	Irrig.	.97	28	13	12	Howard	May	7	1930		2139
Loup R., Middle	Elmer A. Haesler	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 and Irrig. Dist.	Arcadia	Canal No. 1, South	Irrig.	26.83	10	19	18	Custer	Dec.	28	1932		2293**
			Canal No. 2, North	Irrig.	58.80	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	Dale Coakley	Comstock	Pump	Irrig.	.80	34	19	17	Custer	Dec.	28	1932		2293R
Loup R., Middle	James L. Frederick	Greeley, Colo.	Pump	Irrig.	1.36	36	20	21	Custer	July	8	1933		2330
Loup R., Middle	John P. Leininger	Loup City	Pump	Irrig.	.93	12	15	15	Sherman	June	2	1934		2395
Loup R., Middle	Thos. Wright McMillan, et al	Milburn	Rankin Canal	Irrig.	14.59	4	21	23	Blaine	Sept.	22	1934		2477
Loup R., Middle	Thos. Wright McMillan, et al	Milburn	McMillan Canal	Irrig.	6.97	23	21	22	Blaine	Sept.	22	1934		2477R
Loup R., Middle	Middle Loup Public Power and Irrig. Dist.	Arcadia	Canal No. 1, South	Irrig.	3.00	10	19	18	Custer	Jan.	4	1937		2678
			Canal No. 2, North	Irrig.	6.86	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	Thos. Wright McMillan, et al	Milburn	McMillan Canal	Irrig.	8.21	23	21	22	Blaine	Oct.	22	1937		2797
Loup R., Middle	A. Vandeventer	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	Max D. Hickman	Comstock	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	Broadmouth 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	Earl A. Coslor	Sargent	Doris Lake Canal	Irrig.	1.23	9	19	19	Custer	June	25	1940		3190
Loup R., Middle	Arthur C. Ogle	Loup City	Pump	Irrig.	.31	4	14	14	Sherman	Sept.	3	1940		3250
Loup R., Middle	Hattie Fisher	Ravenna	Pump	Irrig.	.36	25	13	13	Sherman	Oct.	24	1940		3307
Loup R., Middle	E. L. Hedglin Estate	Eddyville	Pump	Irrig.	.28	27	13	12	Howard	Dec.	2	1940		3338
Loup R., Middle	Herbert H. Bals	Loup City	Pump	Irrig.	.42	16	14	14	Sherman	Jan.	15	1941		3368
Loup R., Middle	Mrs. J. S. Swanson	St. Paul	Pump	Irrig.	1.59	32	14	10	Howard	Nov.	22	1941		3533
Loup R., Middle	W. H. Lemburg	Boelus	Pump	Irrig.	.49	29	13	11	Howard	Jan.	8	1942		3542
Loup R., Middle	Mrs. Wm. Hadenfeldt	Dannebrog	Pump	Irrig.	.19	28	13	11	Howard	June	10	1942		3575
Loup R., Middle	Jess Calvin Leonard Estate	Oklahoma City Oklahoma	Pump	Irrig.	.09	10	19	18	Custer	Jan.	8	1944		3669
Loup R., Middle	Otto F. Ohme	Mitchell	Pump	Irrig.	2.19	1	17	17	Custer	Mar.	27	1944		3703
Loup R., Middle	Henry T. Seeber	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	Ivan Hunkins	Comstock	Pump	Irrig.	.29	23	18	17	Custer	Feb.	6	1945		3806
Loup R., Middle	F. Archie Dainton	Brentwood, Cal	Pump	Irrig.	.50	10	19	19	Custer	Aug.	5	1946		3939
Loup R., Middle	Middle Loup Public Power and 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	1946		3979c*
			Canal No. 4	Irrig.		36	18	17	Custer	Oct.	11	1946		3979d*
Loup R., Middle	Middle Loup Public Power and 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 and Irrig. Dist.	Grand Island	Rockville Reservoir	Storage		8	13	13	Sherman	Jan.	6	1947		4019*
Loup R., Middle	Raymond E. Paulson	St. Paul	Pump	Irrig.	.11	10	14	10	Howard	Feb.	18	1947		4038
Loup R., Middle	Earl A. Coslor	Sargent	Pump	Irrig.	1.00	3	19	19	Custer	Apr.	14	1947		4068

**By stipulation entered into by each of the following districts: Loup River 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 81410.

R. Denotes relocation.

†Reservoir capacity alleged by applicant.

*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Loup R., Middle	Ludvik Visek	Comstock	Middle Loup District Canal No. 2	Irrig.	.96	10	19	18	Custer	Oct.	22	1947		4131
Loup R., Middle	Earl C. Baillie	Loup City	Pump	Irrig.		27	16	15	Sherman	Oct.	13	1948		4352*
Loup R., Middle	Wm. A. Leininger	Arcadia	Middle Loup District Canal No. 3	Irrig.	.98	1	17	17	Custer	Nov.	8	1948		4360
Loup R., Middle	Alvin Christensen	St. Paul	Pump	Irrig.	1.90	25	13	12	Howard	Nov.	24	1948		4375
Loup R., Middle	Kenneth Purdum	Thedford	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	A. M. Russell	Gates	Pump	Irrig.	.47	32	20	20	Custer	Aug.	8	1949		4497
Loup R., Middle	Walter E. Kunze	St. Paul	Pump	Irrig.	.81	24	15	10	Howard	Aug.	9	1949		4498
Loup R., Middle	Wm. L. Ballard	Thedford	Pump	Irrig.	.53	9	23	28	Thomas	Dec.	31	1949		4561
Loup R., Middle	Robert T. Paul	St. Paul	Pump	Irrig.	1.15	10	14	10	Howard	Mar.	18	1950		4622
Loup R., Middle	John D. Kiser	St. Paul	Pump	Irrig.	1.24	28	14	10	Howard	May	5	1950		4672
Loup R., Middle	Harry Mathews	Mullen	Pump	Irrig.	1.02	18	24	31	Hooker	Mar.	15	1951		4820
Loup R., Middle	Maude Henderson	Whitman	Pump	Irrig.	2.35	6	24	32	Hooker	Mar.	20	1951		4824
Loup R., Middle	Loup Basin Reclamation District	St. Paul	Sargent Canal	Irrig.		32	21	21	Blaine	Apr.	11	1951		4841a*
			Lillian Canal	Irrig.		32	21	21	Blaine	Apr.	11	1951		4841b*
Loup R., Middle	James Lyle Benner	Mullen	Pump	Irrig.	.30	9	24	32	Hooker	May	9	1951		4857
Loup R., Middle	Loup Basin Reclamation District	St. Paul	Sherman Reservoir	Storage		36	16	14	Sherman	Dec.	29	1951		4923a*
Loup R., Middle	Ralph Harrell	Thedford	Pump	Irrig.	1.11	9	23	29	Thomas	June	28	1952		4982
Loup R., Middle	Loren Brass	Sargent	Pumps	Irrig.	2.52	7	19	18	Custer	Aug.	7	1952		5007
Loup R., Middle	Wendell A. Brass	Sargent	Pump	Irrig.	1.78	9	19	18	Custer	Sept.	26	1952		5036
Loup R., Middle	Benedict K. Griebel	Sargent	Pump	Irrig.	.29	34	20	20	Custer	Dec.	1	1952		5094
Loup R., Middle	Elwood Evans	Arcadia	Middle Loup Canal No. 4	Irrig.	1.79	10	19	18	Custer	Jan.	31	1953		5139
Loup R., Middle	A. J. Lowry	Thedford	Pump	Irrig.	1.09	8	23	28	Thomas	Jan.	31	1953		5140
Loup R., Middle	Glen Hill	Arcadia	Pump	Irrig.	.62	8	17	16	Valley	Apr.	25	1953		5284
Loup R., Middle	Ester B. Covey	Ord	Pump	Irrig.	1.01	34	19	17	Custer	July	10	1953		5384

Loup R., Middle	Albert E. Kunze	St. Paul	Pumps	Irrig.	.95	24	15	10	Howard	Aug.	15	1953	5477
Loup R., Middle	John E. Fisher	Comstock	Pump	Irrig.	.61	3	18	17	Custer	Aug.	21	1953	5491
Loup R., Middle	Riley L. Stevens	Palmer	Pump	Irrig.	1.92	25	15	10	Howard	Sept.	17	1953	5577
Loup R., Middle	Elmer Oakeson	St. Paul	Pump	Irrig.	.47	15	14	10	Howard	Oct.	17	1953	5651
Loup R., Middle	Loup Basin Reclamation District	St. Paul	Farwell Main Canal	Irrig.		36	18	17	Custer	Nov.	9	1953	5710*
Loup R., Middle	T. L. McCully	Mullen	Pumps	Irrig.	1.77	10	23	28	Thomas	Jan.	18	1954	5878
Loup R., Middle	Benedict K. Griebel	Sargent	Pump	Irrig.	.71	34	20	20	Custer	Feb.	2	1954	5923
Loup R., Middle	Geo. Jares, et al	St. Paul	Pump	Irrig.		16	14	10	Howard	May	12	1954	6291
Loup R., Middle	Delaware Cattle Co.	Arcadia	Pump	Irrig.		8	16	15	Sherman	June	16	1954	6365*
Loup R., Middle	Lyman P. Cass	Thedford	Lillian-Westcott Canal	Irrig.		32	21	21	Blaine	July	6	1954	6404*
Loup R., Middle	Emil R. Weil	Comstock	Pump	Irrig.		17	23	27	Thomas	Aug.	2	1954	6551
Loup R., Middle	Lawrence Waldmann	Ravenna	Middle Loup Canal No. 2	Irrig.		10	19	18	Custer	Aug.	16	1954	6623
Loup R., Middle	Kenneth Zeller	Ravenna	Pump	Irrig.		22	13	13	Sherman	Aug.	26	1954	6640
Loup R., Middle	Emil R. Guendel	Grand Island	Pump	Irrig.		14	13	11	Howard	Sept.	8	1954	6682
Loup R., Middle, Slough, Trib. to	Ignac Smedra	Rockville	Pump	Irrig.	.41	16	14	14	Sherman	Sept.	30	1946	3971
Loup R., Middle, Springs, Trib. to	Silas Ash	Comstock	Middle Loup District Canal No. 1	Irrig.	.34	10	19	18	Custer	Dec.	11	1939	3044R
Loup R., Middle, Springs, Trib. to	G. Iver Erikson	Comstock	Pump	Irrig.	.73	15	18	17	Custer	Apr.	17	1944	3714
Loup R., Middle, Ravine, Trib. to	Allen White	St. Paul	White Reservoir	Storage	†35 AF	5	14	10	Howard	Oct.	29	1940	3313
Loup R., North	J. Peter Naab	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	Evet A. Smith, et al	Ord	Pump	Irrig.	2.25	9	19	14	Valley	Aug.	6	1930	2154
Loup R., North	Crawford J. Mortensen	Ord	Taylor-Ord Canal	Irrig.	1.94	13	21	19	Loup	Aug.	8	1930	2155
Loup R., North	Wm. J. Steward	Ord	Pump	Irrig.	.54	9	19	14	Valley	Aug.	11	1930	2158
Loup R., North	Bryan Jensen	St. Paul	Pump	Irrig.	.47	16	15	10	Howard	Nov.	26	1930	2178
Loup R., North	Anna Jorgensen Estate	St. Paul	Pump	Irrig.	.36	15	15	10	Howard	Nov.	26	1930	2178R

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R. Denotes relocation.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Loup R., North	Ira L. Sailing	St. Paul	Pump	Irrig.	.86	7	15	9	Howard	Jan.	14	1931		2187
Loup R., North	R. K. Cox	Purdum	Pumps	Irrig.	4.87	9	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 Public Power and Irrig. District	Ord	Taylor-Ord Canal	Irrig.	120.18	13	21	19	Loup	Mar.	28	1933		2312**
			Ord-North Loup Canal	Irrig.	55.65	22	19	14	Valley	Mar.	28	1933		2312**
			Burwell-Sumter Canal	Irrig.	61.85	14	21	16	Garfield	Mar.	28	1933		2312**
Loup R., North	Darrell B. McOstrich	Grand Island	Pump	Irrig.	.32	30	19	13	Valley	Mar.	28	1933		2312R**
Loup R., North	Frank Tetschner	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	C L. Britton, et al	Burwell	Taylor-Ord Canal	Irrig.	1.31	13	21	19	Loup	July	6	1934		2417
Loup R., North	Raymond C. Goehring	Burwell	Pump	Irrig.	.65	11	21	16	Garfield	July	14	1934		2427
Loup R., North	Chas. F. Ford	Taylor	Pump	Irrig.	.74	20	21	18	Loup	Aug.	6	1934		2455
Loup R., North	Thos. H. Wake	Seward	Pump	Irrig.	1.00	26	21	18	Loup	Aug.	20	1934		2467
Loup R., North	Almeria Public Power and Irrig. District	Almeria	Almeria Canal	Irrig.	12.09	10	22	20	Loup	Aug.	28	1934		2469
Loup R., North	Glen W. Coble	Whitman	Coble Canal	Irrig.	.48	20	28	35	Cherry	Oct.	10	1934		2485
Loup R., North	Glen W. Coble	Whitman	Coble Reservoir	Storage	†41 AF	20	28	35	Cherry	Oct.	10	1934		2486
Loup R., North	Clinton J. Miller	Ord	Krebs Canal	Irrig.	1.75	27	17	12	Greeley	Feb.	26	1935		2520
Loup R., North	Glen W. Coble	Whitman	High Line Canal	Irrig.	1.32	20	28	35	Cherry	Mar.	12	1935		2525
Loup R., North	Robert W. Ferguson	Brewster	Pump	Irrig.	1.32	36	23	21	Blaine	Sept.	8	1936		2635
Loup R., North	Wells and Kilpatrick	Cotesfield	Pump	Irrig.	.12	12	16	12	Howard	Nov.	14	1936		2660
Loup R., North	Cecil D. Hawthorne	Taylor	Pump	Irrig.	1.11	33	22	19	Loup	Apr.	8	1937		2729
Loup R., North	Darrell Ingram	Cotesfield	Pump	Irrig.	.46	2	16	12	Howard	Sept.	27	1937		2790
Loup R., North	Bryan Jensen	St. Paul	Pump	Irrig.	.11	16	15	10	Howard	Nov.	27	1937		2808
Loup R., North	A. C. Van Diest Estate	Taylor	Newton Canal	Irrig.	2.22	35	23	21	Blaine	Apr.	26	1938		2863
Loup R., North	Almeria Public Power and Irrig. District	Almeria	Almeria Canal	Irrig.	***13.11	10	22	20	Loup	Apr.	29	1938		2868
Loup R., North	C. L. Britton, et al	Burwell	Almeria Canal	Irrig.	***6.10	10	22	20	Loup	Apr.	30	1938		2869
Loup R., North	A. C. Van Diest Estate	Taylor	Pump	Irrig.	.89	24	21	17	Loup	May	12	1938		2874

Loup R., North	Newton Irrig. Dist.	Moulton	Newton Canal	Irrig.	.86	35	23	21	Blaine	May	29	1939		2927
Loup R., North	F. C. Wegner Estate	Boulder, Colo.	Pump	Irrig.	.70	22	17	12	Greeley	Nov.	29	1939		3032
Loup R., North	Glenn C. Lakin	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	Darrell B. McOstrich	Grand Island	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	Carl F. Anderson	Elba	Pump	Irrig.	.25	17	15	10	Howard	Sept.	1	1942		3584
Loup R., North	Bennie Jensen, et al	North Loup	Ord-North Loup Canal	Irrig.	.47	22	19	14	Valley	Jan.	12	1944		3672
Loup R., North	Charles Meyers	Burwell	Burwell-Sumpter Canal	Irrig.		14	21	16	Garfield	Mar.	9	1944		3697*
Loup R., North	Vernon M. Thomas	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	W. J. Cook	North Loup	Pump	Irrig.	.18	30	18	12	Greeley	Aug.	28	1944		3759
Loup R., North	Adam I. Radke	Big Springs	Pump	Irrig.	.45	23	20	15	Valley	Sept.	23	1944		3768
Loup R., North	L. R. Farrell	Scotia	Pump	Irrig.	.17	16	17	12	Greeley	Sept.	26	1944		3769
Loup R., North	James Iwanski	Ord	Burwell-Sumpter Canal	Irrig.	.63	14	21	16	Garfield	Oct.	4	1944		3772
Loup R., North	Penas and Penas	Burwell	Pump No. 1	Irrig.	.34	19	21	16	Garfield	Nov.	8	1944		3783
Loup R., North	W. J. Cook	North Loup	Pump	Irrig.	.55	30	18	12	Greeley	Dec.	8	1944		3786
Loup R., North	Roy M. Scott	Sargent	Pump	Irrig.	.29	13	21	19	Loup	Apr.	5	1945		3821
Loup R., North	John Warford	Ord	Burwell-Sumpter Canal	Irrig.	.31	14	21	16	Garfield	Apr.	28	1945		3828
Loup R., North	Stanley C. Penas	Burwell	Burwell-Sumpter Canal	Irrig.	.30	14	21	16	Garfield	May	9	1945		3831
Loup R., North	Clayton D. Noll	Ord	Pump	Irrig.	.66	9	19	14	Valley	June	7	1945		3838
Loup R., North	Emil J. Sedlacek	Ord	Taylor-Ord Canal	Irrig.	.12	13	21	19	Loup	June	7	1945		3839
Loup R., North	Wilbur A. Rogers	Ord	Taylor-Ord Canal	Irrig.	.47	13	21	19	Loup	July	10	1945		3846
Loup R., North	Ernest B. Stewart	Ord	Taylor-Ord Canal	Irrig.	.30	13	21	19	Loup	Apr.	15	1946		3892
Loup R., North	Bashie Brown	Ogallala	Pump	Irrig.	.10	23	20	15	Valley	May	10	1946		3906
Loup R., North	North Loup River Public Power and Irrig. District	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	16	Garfield	Oct.	11	1946		3980c*

**By stipulation entered into by each of the following districts: The Loup River 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.
R. Denotes relocation.
†Reservoir capacity alleged by applicant.
***Part of appropriations cancelled.
*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Loup R., North	North Loup River Public Power and Irrig. District	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	John T. Burton	Scotia	Pump	Irrig.	.41	9	17	12	Greeley	Jan.	9	1947		4020
Loup R., North	Lester E. Wells, et al	Cotesfield	Pump	Irrig.	.83	20	16	11	Howard	Apr.	4	1947		4061
Loup R., North	Guy D. Smith	Brewster	Pumps	Irrig.	1.18	10	23	23	Blaine	July	1	1947		4084
Loup R., North	Frank Kruml	Burwell	Pump	Irrig.	.40	21	21	16	Garfield	Oct.	25	1947		4137
Loup R., North	H. E. Wallin	Taylor	Taylor-Ord Canal	Irrig.	.54	13	21	19	Loup	Feb.	13	1948		4207
Loup R., North	Ray H. Knapp	Ord	Ord-North Loup Canal	Irrig.	.22	22	19	14	Valley	Mar.	12	1948		4231
Loup R., North	Anton Jurzenski	St. Paul	Pump	Irrig.	.73	16	15	10	Howard	June	5	1948		4279
Loup R., North	Frank Kruml	Burwell	Pump	Irrig.	.03	21	21	16	Garfield	July	10	1948		4303
Loup R., North	H. E. Wallin	Taylor	Taylor-Ord Canal	Irrig.	.25	13	21	19	Loup	Dec.	15	1948		4400
Loup R., North	Don C. Goodsell	Burwell	Pump	Irrig.	.62	11	21	16	Garfield	Jan.	10	1949		4418
Loup R., North	Wm. A. Melville	Broken Bow	Pump	Irrig.	8.00	5	26	27	Cherry	Mar.	7	1949		4446
Loup R., North	Paul Arteburn	St. Paul	Pump	Irrig.	1.81	15	15	10	Howard	Mar.	29	1950		4628
Loup R., North	Leo M. Nelson	St. Paul	Pump	Irrig.	.90	14	15	10	Howard	July	13	1951		4890
Loup R., North	H. J. Williams	Burwell	Pump	Irrig.	.10	14	21	16	Garfield	Aug.	20	1952		5014
Loup R., North	E. S. Murray	Ord	Pump	Irrig.	.94	30	18	12	Greeley	Nov.	28	1952		5085
Loup R., North	Ralph H. Hansen	Ord	Burwell-Sumter Canal	Irrig.	.43	14	21	16	Garfield	Jan.	17	1953		5133
Loup R., North	Neal L. Keller	Cascade	Pump	Irrig.	1.20	36	26	27	Cherry	Feb.	18	1953		5174
Loup R., North	O. R. Samuelson	St. Paul	Pump	Irrig.	.99	14	15	10	Howard	Feb.	28	1953		5194
Loup R., North	Donald L. Jacobsen	St. Paul	Pump	Irrig.	.61	23	15	10	Howard	Mar.	4	1953		5198
Loup R., North	Neal L. Keller	Cascade	Pump	Irrig.	1.33	31	26	26	Cherry	Mar.	5	1953		5201
Loup R., North	Edward C. Mortensen	Hay Springs	Pump	Irrig.	.61	14	15	11	Howard	Apr.	22	1953		5277
Loup R., North	Mary Radke	Elba	Pump	Irrig.	1.42	20	16	11	Howard	Aug.	8	1953		5451
Loup R., North	Jerry V. Novotny	Elba	Pump	Irrig.	.97	34	16	11	Howard	Aug.	15	1953		5476
Loup R., North	Esther Spilinek	St. Paul	Pump	Irrig.	.79	14	15	11	Howard	Aug.	26	1953		5499
Loup R., North	Esther Spilinek	St. Paul	Pump	Irrig.	.59	13	15	11	Howard	Aug.	26	1953		5500
Loup R., North	Donald G. Deininger	St. Paul	Pump	Irrig.	.79	14	15	11	Howard	Sept.	10	1953		5557

Loup R., North	Mary E. Carpenter	Mullen	Pump	Irrig.	.90	17	28	32	Cherry	Sept.	14	1953		5564
Loup R., North	Raymond P. Walter	Purdum	Pump	Irrig.	.76	26	25	26	Cherry	Sept.	26	1953		5606
Loup R., North	Casmer Welniak	Ord	Pump	Irrig.	.29	19	20	14	Valley	Dec.	22	1953		5813
Loup R., North	Wayne D. Hyde	Brewster	Pump	Irrig.		10	22	20	Loup	Mar.	10	1954		6049
Loup R., North	C. L. and J. R. Southard	St. Paul	Pump	Irrig.	1.02	18	15	10	Howard	Mar.	18	1954		6073
Loup R., North	D. E. Bussell	North Loup	Pump	Irrig.		5	17	12	Greeley	Apr.	17	1954		6229
Loup R., North	Carl Anderson	Elba	Pump	Irrig.		17	15	10	Howard	May	4	1954		6277
Loup R., North	Donald A. Jacobsen	St. Paul	Pump	Irrig.		23	15	10	Howard	May	4	1954		6280
Loup R., North	Jerry V. Novotny	Elba	Pump	Irrig.		3	15	11	Howard	June	25	1954		6396
Loup R., North	Hattie E. Ingerle	Elba	Pump	Irrig.		11	15	11	Howard	July	16	1954		6429
Loup R., North	Carroll E. Bohy	Taylor	Taylor-Ord Canal	Irrig.		13	21	19	Loup	July	16	1954		6430
Loup R., North	Casmer Welniak	Ord	Pump	Irrig.		19	20	14	Valley	Aug.	7	1954		6573
Loup R., North	Everett Barnes	Cotesfield	Pump	Irrig.		7	16	11	Howard	Aug.	12	1954		6585
Loup R., North	Clarence Rubenthaler	Scotia	Pump	Irrig.		32	18	12	Greeley	Aug.	24	1954		6634
Loup R., North	Edward J. Dubas	Burwell	Burwell-Sumpter Canal	Irrig.		14	21	16	Garfield	Aug.	10	1954		6578
Loup R., North, Tributary to	Lulu Kent	Burwell	Pump	Irrig.	.05	29	21	15	Garfield	Oct.	5	1936		2644
Loup R., South	Callaway Electric Co.	Callaway	Callaway Mill	Power	83.00	2	15	23	Custer	Oct.	1	1889	988	
Loup R., South	W. Z. Tillson	Poole	Tillson Canal	Irrig.	15.57	29	12	15	Buffalo	Dec.	28	1894	236	
Loup R., South	A. D. Brown	Milldale	Brown Canal	Irrig.	.86	31	17	24	Custer	Feb.	23	1897		363
Loup R., South	B. F. Hartzell	Logan	Hartzell Canal	Irrig.	.37	27	18	26	Logan	May	18	1897		390
Loup R., South	C. B. & Q. R. R. Co.	Lincoln	Ravenna 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	Orren Shaw	Callaway	Pump	Irrig.	2.30	9	16	24	Custer	Sept.	27	1928		2037
Loup R., South	C. E. Quest	Boelus	Quest Canal	Irrig.	1.55	33	13	12	Howard	June	13	1930		2143
Loup R., South	Fred Roth	Ravenna	Pump	Irrig.	.57	5	12	13	Buffalo	June	7	1934		2400
Loup R., South	R. V. Wall	Arnold	Pump	Irrig.	.32	35	18	26	Logan	June	18	1934		2410
Loup R., South	Vernon K. Hickenbottom	Callaway	Pump	Irrig.	.75	15	15	22	Custer	Apr.	8	1937		2730
Loup R., South	F. E. Turley	Arnold	Pump	Irrig.	.32	6	16	24	Custer	May	7	1937		2740
Loup R., South	Game, Forestation and Parks Commission, et al	Lincoln	Pump No. 2	Irrig.	.19	10	14	21	Custer	Feb.	28	1938		2841

*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Loup R., South	Lizzie B. Smith	Long Beach	Pump	Irrig.	.77	16	15	22	Custer	Nov.	22	1939		3029
Loup R., South	Mrs. Charles R. Horn	Broken Bow	Pump	Irrig.	1.23	32	15	21	Custer	Feb.	7	1940		3089
Loup R., South	R Harlen Van Cleave	Callaway	Pump	Irrig.	1.23	7	15	22	Custer	May	10	1940		3151
Loup R., South	Alvin Eichelberger	Oconto	Pump	Irrig.	.45	10	14	21	Custer	June	21	1940		3186
Loup R., South	Carl Glendy	Oconto	Pump	Irrig.	.66	13	14	21	Custer	July	6	1940		3195
Loup R., South	Robert A. Hunter	Pleasanton	Pump	Irrig.	4.07	2	11	16	Buffalo	July	16	1940		3202
Loup R., South	Frank Devine	Oconto	Pump	Irrig.	2.61	17	14	20	Custer	July	23	1940		3208
Loup R., South	Leonard O. Glendy	Oconto	Pump	Irrig.	.25	13	14	21	Custer	July	26	1940		3218
Loup R., South	John Popp	Mason City	Pump	Irrig.	.26	23	13	19	Custer	July	29	1940		3220
Loup R., South	Morris E. Myers	Eddyville	Pump	Irrig.	.93	20	14	20	Custer	Aug.	14	1940		3231
Loup R., South	Joe W. Lea	Pleasanton	Pump	Irrig.	.08	35	12	16	Buffalo	Oct.	7	1940		3282
Loup R., South	Carl Glendy	Oconto	Pump	Irrig.	.27	13	14	21	Custer	Oct.	11	1940		3290
Loup R., South	W. L. Weaver	Oconto	Pump	Irrig.	.30	24	15	22	Custer	Nov.	19	1940		3332
Loup R., South	Hjalmer C. Sorensen, et al	Cairo	Pump	Irrig.	1.69	35	13	12	Howard	Mar.	31	1943		3603
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	Leonard Uhlig	Callaway	Pump	Irrig.	1.07	24	15	22	Custer	June	17	1948		4290
Loup R., South	Harve M. Davenport	Callaway	Pump	Irrig.	2.10	11	16	24	Custer	Apr.	25	1949		4468
Loup R., South	W. L. Weaver	Oconto	Pump	Irrig.	.89	30	15	21	Custer	Mar.	14	1950		4618
Loup R., South	Harry B. Chesley	Callaway	Pump	Irrig.	.55	19	16	23	Custer	Feb.	14	1951		4798
Loup R., South	Harve M. Davenport	Callaway	Pump	Irrig.	.31	11	16	24	Custer	Feb.	28	1951		4812
Loup R., South	Francis Pandorf	Callaway	Pump	Irrig.	.90	13	16	24	Custer	July	25	1952		4997
Loup R., South	Francis Pandorf	Callaway	Pump	Irrig.	3.48	12	16	24	Custer	July	25	1952		4998
Loup R., South	Robert L. McDowell	Arnold	Pump	Irrig.	.37	18	17	25	Custer	Oct.	3	1952		5039
Loup R., South	Joe C. McClure	Arnold	Pump	Irrig.	2.39	26	17	25	Custer	Oct.	9	1952		5042
Loup R., South	Sidney B. Whaley	Callaway	Pump	Irrig.	.96	20	16	23	Custer	Oct.	14	1952		5043
Loup R., South	R. G. Brown	Sargent	Pump	Irrig.	.91	31	17	24	Custer	Oct.	28	1952		5051

Loup R., South	Fred Poston	Callaway	Pump	Irrig.	1.54	19	16	23	Custer	Nov.	3	1952	5064
Loup R., South	Myron A. Smith	Arnold	Pump	Irrig.	.79	28	17	25	Custer	Dec.	8	1952	5103
Loup R., South	Christ Estergard	Callaway	Pump	Irrig.	.70	22	15	22	Custer	Dec.	30	1952	5120
Loup R., South	Sidney B. Whaley	Callaway	Pump No. 2	Irrig.	1.05	29	16	23	Custer	Jan.	5	1953	5123
Loup R., South	Albert Nelson	Callaway	Pump	Irrig.	.99	29	16	23	Custer	Jan.	6	1953	5125
Loup R., South	Harry B. Chesley	Callaway	Pump	Irrig.	.36	19	16	23	Custer	Jan.	6	1953	5126
Loup R., South	Christ Estergard	Callaway	Pump	Irrig.	.70	23	15	22	Custer	Jan.	21	1953	5135
Loup R., South	Elmer H. Harnagel	Miller	Pump	Irrig.	2.09	3	12	18	Buffalo	Feb.	6	1953	5148
Loup R., South	Francis Pandorf	Callaway	Pump	Irrig.	1.13	12	16	24	Custer	Feb.	21	1953	5177
Loup R., South	Virgil F. Wise	Callaway	Pump	Irrig.	.51	17	15	22	Custer	Mar.	4	1953	5200
Loup R., South	Bert Fochtman	Arnold	Pump	Irrig.	1.43	14	15	22	Custer	Mar.	26	1953	5219
Loup R., South	R. G. Brown	Sargent	Pump	Irrig.	1.46	30	17	24	Custer	Mar.	27	1953	5223
Loup R., South	Carl Glendy	Oconto	Pump	Irrig.	.24	11	14	21	Custer	May	2	1953	5306
Loup R., South	John G. Reinhard	Callaway	Pumps	Irrig.	.46	34	16	23	Custer	May	8	1953	5311
						3	15	23	Custer	May	8	1953	5311
Loup R., South	Glenn E. Thomas	Eddyville	Pump	Irrig.	1.79	34	14	20	Custer	June	1	1953	5338
Loup R., South	Marylouise Dudley	Gandy	Pumps	Irrig.	1.51	33	18	27	Logan	July	8	1953	5377
Loup R., South	Wm. L. Dudley	Gandy	Pumps	Irrig.	1.38	19	18	26	Logan	July	8	1953	5378
Loup R., South	W. J. Arrasmith	Grand Island	Pumps	Irrig.	.84	4	12	18	Custer	July	21	1953	5400
Loup R., South	Wm. L. Dudley	Gandy	Pump	Irrig.	1.09	34	18	27	Logan	July	27	1953	5419
Loup R., South	Clara Hart	Pleasanton	Pump	Irrig.	.31	35	12	16	Buffalo	Aug.	24	1953	5496
Loup R., South	Fred Unick	Pleasanton	Pump	Irrig.	.42	12	12	18	Buffalo	Aug.	28	1953	5515
Loup R., South	W. B. Hagler	Arnold	Pump	Irrig.	2.24	26	17	25	Custer	Sept.	25	1953	5602
Loup R., South	Joe Supanchick	Sweetwater	Pump	Irrig.	1.16	29	12	15	Buffalo	Oct.	3	1953	5624
Loup R., South	Robt. Pearson Estate	Pleasanton	Pump	Irrig.	1.18	4	11	16	Buffalo	Oct.	5	1953	5625
Loup R., South	John F. Swenson	Pleasanton	Pumps	Irrig.	3.27	26	12	17	Buffalo	Oct.	30	1953	5688
Loup R., South	Walter R. Shultz	St. Michael	Pump	Irrig.	.10	9	12	14	Buffalo	Nov.	23	1953	5747
Loup R., South	Elmer G. Felt	Mason City	Pumps	Irrig.	2.69	25	13	19	Custer	Nov.	25	1953	5752
Loup R., South	George F. Bailey	Gandy	Pumps	Irrig.	.73	21	18	26	Logan	Dec.	2	1953	5765
Loup R., South	Loren T. Leonard	Callaway	Pump	Irrig.	.54	29	16	23	Custer	Dec.	10	1953	5786
Loup R., South	Lillian E. Payton	Callaway	Pump	Irrig.	1.08	2	15	23	Custer	Dec.	24	1953	5816
Loup R., South	Wesley Matz	Callaway	Pump	Irrig.	.45	2	15	23	Custer	Jan.	21	1954	5885

*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Loup R., South	Marshall J. Woodward	Callaway	Pump	Irrig.	.67	3	16	24	Custer	Feb.	8	1954		5942
Loup R., South	Eugene Cool	Amherst	Pump	Irrig.		17	12	17	Buffalo	Feb.	23	1954		5978
Loup R., South	Frank J. Koubek	Arnold	Pump	Irrig.		21	17	25	Custer	Mar.	26	1954		6094
Loup R., South	Forrest C. Brown	Arnold	Pump	Irrig.		31	17	24	Custer	Mar.	26	1954		6095
Loup R., South	Leo C. Horn	Eddyville	Pump	Irrig.		1	13	20	Custer	Mar.	30	1954		6155
Loup R., South	Carrie Le Fever	Ravenna	Pump	Irrig.		9	12	14	Buffalo	Apr.	14	1954		6180
Loup R., South	Theresa Gschwind	Callaway	Pump	Irrig.		33	16	23	Custer	Apr.	14	1954		6182
Loup R., South	Roy Ferguson	Broken Bow	Pump	Irrig.	1.46	2	13	20	Custer	May	12	1954		6288
Loup R., South	Ed Maupin	Broken Bow	Pump	Irrig.		27	14	20	Custer	May	12	1954		6289
Loup R., South	Ed Maupin	Broken Bow	Pump	Irrig.		34	14	20	Custer	May	12	1954		6290
Loup R., South	Tobe De Losh	Arnold	Pump	Irrig.		20	17	25	Custer	June	4	1954		6356
Loup R., South	Robert G. Carman	Amherst	Pump	Irrig.	.42	17	12	17	Buffalo	June	7	1954		6359
Loup R., South	Roy Lichtenberger	Callaway	Pump	Irrig.		6	15	22	Custer	June	18	1954		6368
Loup R., South	R. L. McDowell	Arnold	Pump	Irrig.		18	17	25	Custer	July	7	1954		6412
Loup R., South	Bernard Eckhout	Amherst	Pump	Irrig.		7	12	17	Buffalo	July	14	1954		6422
Loup R., South	L. O. Glendy	Oconto	Pump No. 2	Irrig.		14	14	21	Custer	July	21	1954		6482
Loup R., South	John F. Geisler	Pleasonton	Pump	Irrig.		32	12	15	Buffalo	July	29	1954		6508
Loup R., South	Philip Tierney	Oconto	Pump	Irrig.		15	14	21	Custer	July	30	1954		6526
Loup R., South	Ed Kunkel	Gandy	Pump	Irrig.		28	18	26	Logan	July	30	1954		6529
Loup R., South	Adolph Zeller	Poole	Pump	Irrig.		35	12	15	Buffalo	Aug.	2	1954		6554
Loup R., South	Standage and Hughes	Poole	Pump	Irrig.		36	12	15	Buffalo	Aug.	3	1954		6562
Loup R., South	Elmer A. Larsen	Cairo	Pump	Irrig.		34	13	12	Howard	Sept.	11	1954		6685
Loup R., South	Orrin C. Ehlers	Ravenna	Pump	Irrig.		20	12	14	Buffalo	Sept.	13	1954		6687
Loup R., South	Cal Gray	Callaway	Pump	Irrig.		2	15	23	Custer	Sept.	28	1954		6738
Loup R., South	Everett Chittenden	Arnold	Pump	Irrig.		35	18	26	Logan	Sept.	29	1954		6740
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	Paul Bartz Estate	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	Carl C. Rasmussen	North Loup	Mira Reservoir	Storage	†14 AF	26	18	13	Valley	Mar.	8	1912		1182
Mira Creek	Chas. Otto	North Loup	Hutchins Canal	Irrig.	.03	26	18	13	Valley	Apr.	18	1916		1453
Mira Creek	Mable Jensen	North Loup	Pump	Irrig.	.46	31	18	12	Greeley	Jan.	4	1945		3791
Mira Creek	E. S. Murray	Ord	Pump	Irrig.	.25	30	18	12	Greeley	Nov.	28	1952		5086
Mira Reservoir	Carl C. Rasmussen	North Loup	Pump	Irrig.		26	18	13	Valley	Mar.	8	1912		1239
Moon Creek	Henry J. Wilson	Loup City	Pump	Irrig.		2	15	15	Sherman	Feb.	13	1954		5954
Morris Reservoir	E. O. Morris	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.	C. W. Benson	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.	Chas. Penn	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.	J. R. Lang	Litchfield	Pump	Irrig.	1.21	13	14	17	Custer	Aug.	20	1926		1848
Mud (Beaver) Cr.	Skochdopole and Stark	Ravenna	Pumps	Irrig.	.48	1	12	15	Buffalo	Nov.	8	1926		1871
					1.62	12	12	15	Buffalo	Nov.	8	1926		1871
Mud (Beaver) Cr.	Otis N. Wilson	Litchfield	Pump	Irrig.	.51	14	14	17	Custer	Dec.	10	1926		1879
Mud (Beaver) Cr.	J. A. Vansant	Broken Bow	Pump	Irrig.	.27	33	17	20	Custer	Dec.	13	1926		1880
Mud (Beaver) Cr.	U. Sorensen	Berwyn	Pump	Irrig.	1.00	21	16	19	Custer	Jan.	14	1927		1884
Mud (Beaver) Cr.	C. D. Willoughby Est.	Mason City	Pump	Irrig.	1.10	34	15	17	Custer	Feb.	8	1927		1896
Mud (Beaver) Cr.	Geo. J. Yanda	Ravenna	Pumps	Irrig.	.90	8	12	14	Buffalo	Apr.	4	1927		1920
Mud (Beaver) Cr.	R. H. Duke, et al	Mason City	Pump	Irrig.	2.41	31	15	17	Custer	Nov.	10	1928		2051
Mud (Beaver) Cr.	Cline E. Millsap	Broken Bow	Pump	Irrig.	.47	18	16	19	Custer	Jan.	3	1929		2059

†Reservoir capacity alleged by applicant.
*Claim not adjudicated.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Mud (Beaver) Cr.	Delmar Edson	Mason City	Pump	Irrig.	.13	32	15	17	Custer	Apr.	23	1929		2079
Mud (Beaver) Cr.	E. A. Slote	Litchfield	Pump	Irrig.	.64	33	14	16	Sherman	May	31	1934		2391
Mud (Beaver) Cr.	Albin A. Schroll	Litchfield	Pump	Irrig.	.71	19	14	16	Sherman	July	13	1934		2423
Mud (Beaver) Cr.	James R. Lang, 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.	John J. Perry	Sweetwater	Pump	Irrig.	.47	3	12	15	Buffalo	Aug.	21	1936		2620
Mud (Beaver) Cr.	Rollie Amsberry	Ansley	Pump	Irrig.	.22	22	15	18	Custer	Jan.	26	1937		2684
Mud (Beaver) Cr.	Viola E. Amsberry, et al	Mason City	Pump	Irrig.	.56	23	15	18	Custer	Sept.	18	1937		2789
Mud (Beaver) Cr.	John Hall	Ansley	Pump	Irrig.	.54	15	15	18	Custer	Oct.	1	1937		2792
Mud (Beaver) Cr.	C. E. Lang	Litchfield	Pump	Irrig.	1.15	19	14	16	Sherman	Oct.	4	1937		2793
Mud (Beaver) Cr.	Violet V. Luther	Mason City	Pump	Irrig.	.39	25	15	18	Custer	Oct.	4	1937		2794
Mud (Beaver) Cr.	Lyman West and Mrs. Theo. Schumacher	Mason City Lincoln	Pump	Irrig.	.84	23	15	18	Custer	Nov.	16	1937		2802
Mud (Beaver) Cr.	Melvin H. Sherbeck	Ansley	Pump	Irrig.	.43	5	15	18	Custer	Sept.	14	1938		2884
Mud (Beaver) Cr.	Ralph Sanders	Litchfield	Pump	Irrig.	.51	1	13	16	Sherman	Sept.	25	1939		2973
Mud (Beaver) Cr.	Earl Williams	Ansley	Pump	Irrig.	.46	31	16	18	Custer	Nov.	10	1939		3015
Mud (Beaver) Cr.	Fred Feldman	Litchfield	Pump	Irrig.	.17	33	14	16	Sherman	Nov.	22	1939		3025
Mud (Beaver) Cr.	Cooper and Sharpless	Los Angeles	Pump	Irrig.	.54	15	15	18	Custer	Feb.	9	1940		3090
Mud (Beaver) Cr.	Charley A. Nelson	Litchfield	Pump	Irrig.	.23	11	14	17	Custer	Mar.	1	1940		3100
Mud (Beaver) Cr.	Ernest Ramm	Litchfield	Pump	Irrig.	.53	28	14	16	Sherman	Mar.	12	1940		3115
Mud (Beaver) Cr.	Pearl L. Mortensen	Ravenna	Pump	Irrig.	.21	34	13	15	Sherman	Mar.	15	1940		3119
Mud (Beaver) Cr.	James H. Fisher Estate	Ravenna	Pump	Irrig.	.67	34	13	15	Sherman	Apr.	1	1940		3128
Mud (Beaver) Cr.	Cleon M. Moody	Ansley	Pump	Irrig.	.40	5	15	18	Custer	May	13	1940		3157
Mud (Beaver) Cr.	W. C. Chamberlin	Mason City	Pump	Irrig.	.52	32	15	17	Custer	July	15	1940		3200
Mud (Beaver) Cr.	Ella Zinnel	Ravenna	Pump	Irrig.	.37	2	12	15	Buffalo	July	16	1940		3201
Mud (Beaver) Cr.	Martin Schulz Estate	Ravenna	Pumps	Irrig.	1.02	7	12	14	Buffalo	July	18	1940		3205
						12	12	15	Buffalo	July	18	1940		3205
Mud (Beaver) Cr.	V. C. Talbot	Broken Bow	Pump No. 2	Irrig.	.18	17	16	19	Custer	July	24	1940		3210

Mud (Beaver) Cr.	Louis Beranek	St. Michael	Pump	Irrig.	.09	8	12	14	Buffalo	July	24	1940	3213
Mud (Beaver) Cr.	Peter R. Jungles	Ravenna	Pump	Irrig.	.85	12	12	15	Buffalo	Aug.	10	1940	3229
Mud (Beaver) Cr.	E. O. Morris	Ansley	Pump	Irrig.	.87	9	15	18	Custer	Aug.	15	1940	3232
Mud (Beaver) Cr.	Chris Nelsen	Berwyn	Pump	Irrig.	1.15	36	16	19	Custer	Sept.	3	1940	3249
Mud (Beaver) Cr.	Clyde McFadden	Litchfield	Pump	Irrig.	.44	12	13	16	Sherman	Jan.	15	1941	3369
Mud (Beaver) Cr.	Mrs. Irene Church	Wheatridge, Colo.	Pump	Irrig.	.22	27	13	15	Sherman	Jan.	18	1941	3370
Mud (Beaver) Cr.	Paul E. Chipps	Litchfield	Pump	Irrig.	.49	2	14	17	Custer	Feb.	3	1941	3381
Mud (Beaver) Cr.	Catherine Robinson	Ravenna	Pump	Irrig.	.36	2	12	15	Buffalo	Feb.	13	1941	3389
Mud (Beaver) Cr.	Nora Muhlbach	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.	Louis Yanda	Ravenna	Pump	Irrig.	.25	1	12	15	Buffalo	June	19	1941	3454
Mud (Beaver) Cr.	Howard B. Stevens	Broken Bow	Pump	Irrig.	.44	35	16	19	Custer	Aug.	5	1941	3480
Mud (Beaver) Cr.	Mary J. McNeill Estate	Loup City	Pumps	Irrig.	.68	29	13	15	Sherman	Sept.	8	1941	3494
Mud (Beaver) Cr.	Edw. Krichau	Ravenna	Pump	Irrig.	.50	7	12	14	Buffalo	Feb.	16	1942	3552
Mud (Beaver) Cr.	Elmer H. Kohls	Litchfield	Pump	Irrig.	.13	1	13	16	Sherman	July	16	1943	3625
Mud (Beaver) Cr.	James Petrik	Ansley	Pump	Irrig.	.56	16	15	18	Custer	Jan.	8	1944	3670
Mud (Beaver) Cr.	Russell McFadden	Taylor	Pump	Irrig.	.23	35	14	16	Sherman	Jan.	31	1944	3677
Mud (Beaver) Cr.	John Frye Estate	Sweetwater	Pump	Irrig.	.54	2	12	15	Buffalo	Mar.	8	1944	3696
Mud (Beaver) Cr.	Kenneth L. Reinertson	Hazard	Pump	Irrig.	.23	33	13	15	Sherman	May	1	1944	3721
Mud (Beaver) Cr.	T. Miller Nilsen	Hazard	Pump	Irrig.	.15	24	13	16	Sherman	May	8	1944	3723
Mud (Beaver) Cr.	L. M. Larsen	Hazard	Pump	Irrig.	.38	33	13	15	Sherman	Aug.	11	1944	3750
Mud (Beaver) Cr.	Mary Larsen Estate	Hazard	Pump	Irrig.	.76	28	13	15	Sherman	Aug.	11	1944	3751
Mud (Beaver) Cr.	Cooper and Sharpless	Los Angeles	Pump	Irrig.	.10	15	15	18	Custer	Oct.	26	1944	3778
Mud (Beaver) Cr.	Russell McFadden	Taylor	Pump	Irrig.	.17	34	14	16	Sherman	Jan.	29	1945	3801
Mud (Beaver) Cr.	Kenneth L. Reinertson	Hazard	Pump	Irrig.	.58	33	13	15	Sherman	Mar.	24	1945	3817
Mud (Beaver) Cr.	John F. Aden	Hazard	Pump	Irrig.	.12	29	13	15	Sherman	Mar.	11	1946	3882
Mud (Beaver) Cr.	Floyd H. Capellen	Hazard	Pump	Irrig.	.44	13	13	16	Sherman	Mar.	11	1946	3883
Mud (Beaver) Cr.	M. F. McKeon	Sweetwater	Pump	Irrig.	.90	3	12	15	Buffalo	Apr.	20	1946	3895
Mud (Beaver) Cr.	F. F. Wagner	Burwell	Pump	Irrig.	.99	34	15	17	Custer	June	5	1946	3912
Mud (Beaver) Cr.	Doane C. Foster	Berwyn	Pump	Irrig.	.42	22	16	19	Custer	July	23	1946	3930
Mud (Beaver) Cr.	Fred H. Feldman	Litchfield	Pump	Irrig.	.20	33	14	16	Sherman	Oct.	31	1946	3994

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Priority Date of			No. Doc.	No. App.
						S	T	R	County	Mo.	D	Yr.		
Mud (Beaver) Cr.	Elmer H. Kohls	Litchfield	Pump No. 2	Irrig.	.06	1	13	16	Sherman	Dec.	30	1946		4016
Mud (Beaver) Cr.	Conrad A. Reinertson	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	1947		4053
Mud (Beaver) Cr.	Tobias Reinertson	Hazard	Pump	Irrig.	.45	19	13	15	Sherman	Nov.	1	1947		4138
Mud (Beaver) Cr.	Otis N. Wilson	Litchfield	Pump	Irrig.	.53	11	14	17	Custer	May	25	1948		4273
Mud (Beaver) Cr.	Russell Adams	Broken Bow	Pumps	Irrig.	2.23	3	16	20	Custer	June	16	1948		4288
Mud (Beaver) Cr.	A. G. Engelman	Litchfield	Pump	Irrig.	1.00	20	14	16	Sherman	Mar.	2	1949		4442
Mud (Beaver) Cr.	Floyd Quail	Miller	Pump	Irrig.	.53	28	13	15	Sherman	May	17	1950		4682
Mud (Beaver) Cr.	Frank E. Todd	Alliance	Pump	Irrig.	1.67	30	15	17	Custer	July	12	1952		4986
Mud (Beaver) Cr.	Jennie E. Dean	Broken Bow	Pump	Irrig.	.55	18	16	20	Custer	Nov.	15	1952		5071
Mud (Beaver) Cr.	Vernon R. Edney	Berwyn	Pump	Irrig.	.93	17	16	19	Custer	Nov.	20	1952		5080
Mud (Beaver) Cr.	M. A. Luther	Mason City	Pump	Irrig.	1.55	25	15	18	Custer	Dec.	10	1952		5106
Mud (Beaver) Cr.	Charles Givens	Litchfield	Pump	Irrig.	1.14	36	14	16	Sherman	Mar.	25	1953		5211
Mud (Beaver) Cr.	Chester Loy, Jr.	Berwyn	Pump	Irrig.	.77	21	16	19	Custer	Apr.	23	1953		5279
Mud (Beaver) Cr.	Chester Loy, Sr.	Berwyn	Pump	Irrig.	.49	17	16	19	Custer	Apr.	23	1953		5280
Mud (Beaver) Cr.	Walter R. Shultz	St. Michael	Pump	Irrig.	.22	9	12	14	Buffalo	June	25	1953		5364
Mud (Beaver) Cr.	Melvin H. Sherbeck	Ansley	Pumps	Irrig.	3.73	9	15	18	Custer	July	21	1953		5399
Mud (Beaver) Cr.	James Petrik	Ansley	Pump	Irrig.	.66	16	15	18	Custer	July	30	1953		5428
Mud (Beaver) Cr.	Doane C. Foster	Berwyn	Pump No. 2	Irrig.	.91	27	16	19	Custer	Sept.	3	1953		5535
Mud (Beaver) Cr.	Joseph H. Gross	Maryville, Mo.	Pump	Irrig.		32	16	18	Custer	Apr.	30	1954		6269
Mud (Beaver) Cr.	Lyman P. Cass	Ravenna	Sweetwater Pump Canal No. 1	Irrig.		12	13	16	Sherman	July	6	1954		6408*
Mud (Beaver) Cr.	Lyman P. Cass	Ravenna	Sweetwater Pump Canal No. 2	Irrig.		24	13	16	Sherman	July	6	1954		6409*
Mud (Beaver) Cr.	Lyman P. Cass	Ravenna	Sweetwater Pump Canal No. 3	Irrig.		27	13	15	Sherman	July	6	1954		6410*
Mud (Beaver) Cr.	Ralph Slocum	Litchfield	Pump	Irrig.		34	14	6	Sherman	July	15	1954		6424*
Mud (Beaver) Cr.	Vivian C. Williams	Ansley	Pump	Irrig.		31	16	18	Custer	Aug.	6	1954		6571

Mud (Beaver) Cr., Ravine, Trib. to	E. O. Morris	Ansley	Morris Reservoir	Storage	†18 AF	9	15	18	Custer	Feb.	18	1941		3394
Munson Creek	Niels P. Lassen	Elba	Pump	Irrig.	.50	1	15	12	Howard	Oct.	10	1929		2108
Oak Creek	L. E. Larsen	Dannebrog	Dannebrog Reservoir	Domestic		2	13	11	Howard	Sept.	16	1919		1556
Oak Creek	Peter Krogh, 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	Peter Krogh	Omaha	Pump	Irrig.	.25	30	14	11	Howard	Sept.	26	1939		2976
Oak Creek	Hertha J. Lamb	Farwell	Pump	Irrig.	.09	23	14	12	Howard	Mar.	22	1940		3122
Oak Creek	Alton Hatt	Dannebrog	Oak Creek Canal	Irrig.	.39	2	13	11	Howard	Nov.	10	1941		3530
Oak Creek	Robert Vocke	Ashton	Pump	Irrig.	.59	1	14	13	Sherman	Apr.	14	1947		4067
Oak Creek	Arnold Krogh, et al	Dannebrog	Pump	Irrig.	.36	30	14	11	Howard	July	14	1949		4487
Oak Creek	Ralph Haggart	St. Paul	Pump	Irrig.	.60	8	13	11	Howard	Sept.	2	1949		4511
Oak Creek	Loup Basin Reclamation District	St. Paul	Sherman Reservoir	Storage		36	16	14	Sherman	Dec.	29	1951		4923b*
Oconee Drain (Lost Creek)	A. N. Gerhold	Columbus	Pump	Irrig.	.93	3	17	2	Platte	Mar.	8	1945		3813
Oconee Drain (Lost Creek)	Ronald C. Anderson	Columbus	Pump	Irrig.		3	17	2	Platte	July	13	1954		6421
Otter Creek, Ravine, Trib. to	Joy B. Judy	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	H. F. Klosterman	David City	Klosterman Canal	Irrig.	.43	9	16	2E	Butler	Oct.	9	1939		2982
Platte River, Ravine, Trib. to	Boy Scouts of America	Omaha	Camp Cedars Reservoir	Irrig.	†17.8 AF	23	17	7E	Saunders	Sept.	1	1953		5529

*Application not approved.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Plum Creek, Ravine, Trib. to	Hanley L. Goodwater	Norfolk	Goodwater Reservoir	Storage	†29 AF	3	18	6	Boone	Dec.	6	1949		4543
Qualsett Creek	Olaf Qualsett	Petersburg	Pump	Irrig.	.26	30	22	7	Boone	Apr.	19	1937		2733
Sand Creek	Wm. E. Armold	Callaway	Pump	Irrig.	.24	10	15	23	Custer	Feb.	21	1916		1447
Sand Creek	R. E. Brega	Callaway	Pump	Irrig.	.12	11	15	23	Custer	Feb.	25	1946		3875
Sand Creek, Ravine, Trib. to	R. A. Eaton	Pleasanton	Eaton Reservoir	Storage	†29 AF	5	11	15	Buffalo	Oct.	13	1944		3776
Shady Lake	Adam Smith Estate	Columbus	Pump	Irrig.	1.66	15	17	1	Platte	Feb.	2	1989		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	
Shell Creek	Jacob Gottberg	Columbus	Gottberg Canal	Irrig.	1.00	24	18	1	Platte	June	6	1895		2
Shell Creek	Edward Arndt	Platte Center	Pump	Irrig.	2.21	24	18	2	Platte	July	31	1936		2603
Shell Creek	Phillip Herde	Schuyler	Pump	Irrig.	.39	34	18	3E	Colfax	Sept.	28	1936		2642
Shell Creek	John H. Wolfe	Schuyler	Pump	Irrig.	.46	28	18	3E	Colfax	Aug.	9	1937		2771
Shell Creek	Phillip Herde	Schuyler	Pump	Irrig.	.25	34	18	3E	Colfax	Sept.	10	1937		2782
Shell Creek	Catherine M. Vergotti	New York	Pump	Irrig.	2.36	30	18	1	Platte	Sept.	14	1937		2787
Shell Creek	Emil L. Kavan	Schuyler	Pump	Irrig.	.48	29	18	3E	Colfax	Nov.	1	1937		2798
Shell Creek	Herman Marohn, et al	Schuyler	Pump	Irrig.	.64	23	18	2E	Colfax	Dec.	10	1937		2814
Shell Creek	Ernest E. Hauk	Columbus	Pump	Irrig.	.48	13	18	2	Platte	Dec.	18	1937		2815
Shell Creek	Mares and Bailey	Schuyler	Pump	Irrig.	1.69	1	17	3E	Colfax	May	6	1938		2871
Shell Creek	John F. Krivohlavek	Schuyler	Pump	Irrig.	1.10	35	18	3E	Colfax	Apr.	29	1939		2918
Shell Creek	T. O. Bailey	Schuyler	Pump	Irrig.	.69	12	17	3E	Colfax	May	19	1939		2923
Shell Creek	Fred Bott	Schuyler	Pump	Irrig.	1.06	22	18	2E	Colfax	May	24	1939		2925
Shell Creek	Frank M. Hughes Estate	Schuyler	Pump	Irrig.	1.99	1	17	3E	Colfax	June	17	1939		2929

Shell Creek	Adam Schmid	Columbus	Pump	Irrig.	1.09	19	18	2E	Colfax	July	28	1939		2941
Shell Creek	Arthur and Emil Klug	Columbus	Pump	Irrig.	.26	24	18	1E	Platte	July	29	1939		2943
Shell Creek	Garrett A. De Bower	Schuyler	Pump	Irrig.	.44	30	18	3E	Colfax	July	31	1939		2944
Shell Creek	G. W. Lusche	Columbus	Pumps	Irrig.	.51	14	18	1E	Platte	Oct.	26	1939		2997
Shell Creek	Arthur Heibel	Columbus	Pump	Irrig.	.37	22	18	1E	Platte	Nov.	6	1939		3009
Shell Creek	Frank Pose	Columbus	Pump No. 2	Irrig.	.41	22	18	1E	Platte	Nov.	21	1939		3023
Shell Creek	Mrs. Chas. A. Gossman	Columbus	Pump	Irrig.	.47	19	18	1	Platte	Nov.	22	1939		3028
Shell Creek	Carl Heibel	Columbus	Pump	Irrig.	.21	24	18	1E	Platte	Dec.	1	1939		3035
Shell Creek	Philip Herde, et al	Schuyler	Pump	Irrig.	.90	35	18	3E	Colfax	Jan.	20	1940		3080
Shell Creek	John F. Krivohlavek	Schuyler	Pump	Irrig.	.10	35	18	3E	Colfax	Mar.	31	1941		3420
Shell Creek	Milo Horejsi	Schuyler	Pump	Irrig.	.50	9	17	4E	Colfax	Apr.	2	1941		3424
Shell Creek	Louis Lightner	Columbus	Pump	Irrig.	.48	14	18	2	Platte	Sept.	9	1941		3496
Shell Creek	Charles Haidley	Schuyler	Pump	Irrig.	.23	8	17	4E	Colfax	Dec.	24	1941		3541
Shell Creek	Emil F. Luckey	Columbus	Pump	Irrig.	.36	23	18	1E	Platte	Apr.	6	1942		3561
Shell Creek	David E. Maxwell	Columbus	Pump	Irrig.	.96	29	18	1	Platte	Mar.	17	1943		3599
Shell Creek	Emil F. Luckey	Columbus	Pump	Irrig.	.28	23	18	1E	Platte	Feb.	15	1947		4035
Shell Creek	Victor Mares	Schuyler	Pump	Irrig.	.50	36	18	3E	Colfax	Mar.	28	1947		4054
Shell Creek	Ernest E. Hauk	Columbus	Pump	Irrig.	.21	13	18	2	Platte	Apr.	26	1947		4069
Shell Creek	Martin P. Gaspers, et al	Lindsay	Pumps	Storage	.42	12	20	4	Platte	Dec.	16	1953		5798
Shell Creek	Irene Pfeiffer	Seward	Pump	Irrig.		23	18	2E	Colfax	July	21	1954		6480
Shell Creek	Arthur Heibel	Columbus	Pump	Irrig.		22	18	1E	Platte	July	26	1954		6489
Shell Creek	Frank Pose	Columbus	Pump	Irrig.		22	18	1E	Platte	July	26	1954		6490
Shell Creek	Jerry C. Jonas	Schuyler	Pump	Irrig.		35	18	3E	Colfax	July	26	1954		6491
Shell Creek	Martin Konopik, Jr.	Schuyler	Pump	Irrig.		20	18	2E	Colfax	July	28	1954		6502
Shell Creek	George Keller	Schuyler	Pump	Irrig.		34	18	3E	Colfax	July	30	1954		6523
Skull Creek	H. H. Dawson	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

†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Spring Branch (Dutchman Cr.)	V. C. Talbot	Broken Bow	Pump No. 1	Irrig.	.12	17	16	19	Custer	July	24	1940		3211
Spring Creek	H. J. Hendryx	Monroe	Hendryx Canal	Irrig.	1.33	2	17	3	Platte	June	25	1894	290	
Spring Creek	Rasmus Laursen	Cushing	Pump	Irrig.	.26	32	16	9	Howard	Oct.	23	1940		3306
Spring Creek	Clayton Anderson	Cushing	Pump	Irrig.	.18	80	16	9	Howard	Mar.	27	1944		3702
Spring Creek	Chas. J. Wagner	Cushing	Pump	Irrig.	.21	7	16	9	Howard	Aug.	21	1944		3756
Spring Creek	C. J. Wagner	Cushing	Pump No. 2	Irrig.	.27	18	16	9	Howard	Sept.	19	1944		3767
Spring Creek	Clayton Anderson	Cushing	Pump	Irrig.	.27	19	16	9	Howard	Oct.	20	1953		5661
Spring Creek	Mabel Wagner	Wolback	Pump	Irrig.		6	16	9	Howard	July	15	1954		6425
Spring Creek	Almira R. Boblits	Oconto	Pump	Irrig.		11	15	22	Custer	Aug.	16	1954		6622
Timber Creek	Werner Hellbusch	Belgrade	Pumps	Irrig.	2.12	21	17	7	Nance	Feb.	8	1951		4796
Timber Creek, Ravine, Trib. to	Wm. A. Robinson	Cedar Rapids	Robinson Reservoir	Storage	†40.5 AF	33	18	8	Boone	July	30	1946		3935
Tucker Creek	H. E. Pressey Estate Game, Forestation, and 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	†6 AF	35	14	11	Howard	Jan.	20	1934		2356
Turkey Creek	Joe McKoski	Dannebrog	Pump	Irrig.	.24	20	14	11	Howard	Aug.	26	1937		2778
Victoria Creek	Perry Myers Estate	Anselmo	Victoria Canal No. 1	Irrig.	.71	1	19	21	Custer	Mar.	17	1894	210 212	
Victoria Creek	Chas. McGraw	Broken Bow	Victoria Canal No. 2	Irrig.	8.88	1	19	21	Custer	July	17	1894	213	
Victoria Creek	Michael Laughran	Milburn	Laughran-Bell Canal	Irrig.	.31	3	19	21	Custer	Sept.	22	1894	217	
Victoria Creek	Perry Myers Estate	Anselmo	Victoria Canal No. 1	Irrig.	1.51	1	19	21	Custer	Aug.	5	1926		1843

Victoria Creek	Chas. McGraw	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	Chas. McGraw	Broken Bow	McGraw Canal	Irrig.	2.95	6	19	20	Custer	July	23	1927		1945
Victoria Creek	Chas. McGraw	Broken Bow	McGraw Canal	Irrig.	2.86	6	19	20	Custer	Aug.	6	1928		2023
Victoria Creek	Chas. McGraw	Broken Bow	Pump	Irrig.	.80	6	19	20	Custer	June	4	1934		2398
Victoria Creek	Willie D. Christen	Anselmo	Pumps	Irrig.	1.75	16	19	21	Custer	Nov.	26	1948		4377
Victoria Creek	Henry Clarke Adams	Merna	Pumps	Irrig.	2.30	20	19	21	Custer	June	10	1953		5350
Wagner Creek	Joseph Leui	Comstock	Pump	Irrig.	.82	3	18	17	Custer	July	18	1939		2935
Wagner Creek	Joseph Leui	Comstock	Pump	Irrig.	.21	11	18	17	Custer	Mar.	6	1948		4230
Wallace Creek	L. R. Farrell	Scotia	Pump	Irrig.	.56	16	17	12	Greeley	Sept.	26	1944		3770
Wallace Creek	John T. Burton	Scotia	Pump	Irrig.	.65	9	17	12	Greeley	Nov.	20	1944		3785
Welsh Reservoir	Mrs. W. M. Welsh	Lincoln	Welsh Canal	Irrig.		36	17	18	Custer	May	2	1941		3624
Wiggle Creek	J. H. May	Callaway	Pump	Irrig.	.30	3	15	23	Custer	Oct.	17	1928		2045
Woten Creek	Emiel Johnson	Rockville	Pump	Irrig.	.49	6	13	13	Sherman	Oct.	14	1940		3293

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Antelope Creek	Paul C. Eden	Lincoln	Pump	Irrig.		32	10	7E	Lancaster	Apr.	20	1954		6234
Battle Creek	Hohenstein-Tomhagen	Battle Creek	Battle Creek Mills	Power	10.67	36	24	3	Madison	Nov.	12	1898		484
Battle Creek	Hohenstein-Tomhagen	Battle Creek	Battle Creek Mills	Power	20.00	36	24	3	Madison	Apr.	20	1906		818
Battle Creek	Mary Lucht	Battle Creek	Pump	Irrig.	.59	12	23	3	Madison	Oct.	20	1939		2994
Battle Creek	Herbert Bierman	Battle Creek	Pump	Irrig.	.64	14	23	3	Madison	Nov.	4	1939		3006
Battle Creek	Carl Eyl	Battle Creek	Pump	Irrig.	.46	12	23	3	Madison	Nov.	8	1939		3012
Battle Creek	Emma S. Lewis	McLean, Va.	Pump	Irrig.	.54	12	23	3	Madison	Nov.	22	1939		3026
Battle Creek	Erich Bierman	Battle Creek	Pump	Irrig.	.32	12	23	3	Madison	Dec.	11	1939		3042
Breslau Creek	Casper Theisen	Osmond	Pump No. 2	Irrig.		2	27	3	Pierce	Mar.	18	1954		6076
Buffalo Creek	Sylvester Lewis	Meadow Grove	Pump	Irrig.	.79	23	24	4	Madison	Nov.	9	1936		2655
Buffalo Creek	Sylvester Lewis	Meadow Grove	Pump	Irrig.	.48	23	24	4	Madison	Oct.	26	1939		3000
Buffalo Creek	Collins and Collins	Meadow Grove	Pump	Irrig.		34	24	4	Madison	Sept.	8	1954		6683
Cache Creek	Lewis Vandersnick, et al	Ewing	Pump	Irrig.		19	26	9	Holt	Aug.	9	1954		6574
Callahan Creek	William Streich	Murdock	Pump	Irrig.		7	11	10E	Cass	Sept.	16	1954		6688
Camp Creek	E. R. Pinney	Lincoln	Pump	Irrig.	.50	25	11	8E	Lancaster	Nov.	22	1939		3024
Camp Creek	Chas. A. Boyd	Waverly	Pump	Irrig.	.10	25	11	8E	Lancaster	Aug.	25	1947		4100
Camp Creek	Chas. A. Boyd	Waverly	Pump	Irrig.	.79	25	11	8E	Lancaster	Mar.	18	1949		4455
Camp Creek	Christine Kreiner	Lincoln	Pump	Irrig.	.08	25	11	8E	Lancaster	Feb.	26	1954		6002
Cedar Creek	Herman Carlson	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	V. S. Cram	Oakdale	Pump	Irrig.	.04	12	24	6	Antelope	Mar.	1	1939		2911

Cedar Creek	Florence Michaelson	Battle Creek	Pump	Irrig.	.23	10	23	6	Antelope	Oct.	16	1939	2987
Cedar Creek	G. O. Mills	Tilden	Pump	Irrig.	.18	3	23	6	Antelope	Oct.	18	1939	2991
Cedar Creek	G. W. Hunter	Oakdale	Pump	Irrig.	.86	12	24	6	Antelope	May	25	1940	3166
Cedar Creek	George Clemensen	Oakdale	Pump	Irrig.	.06	15	24	6	Antelope	Oct.	14	1940	3295
Cedar Creek	Margaret D. Finkral, et al	Battle Creek	Pump	Irrig.	.84	1	24	6	Antelope	May	9	1946	3904
Childs Reservoir	F. A. Childs	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	8E	Burt	Mar.	9	1911	1069
Clear Creek	E. L. C. Gilmore	Ashland	Gilmore Canal	Irrig.	.86	35	13	9E	Saunders	Aug.	10	1927	1950
Clear Creek	Otis M. Ballou	Ashland	Pump	Irrig.	.91	36	13	9E	Saunders	Nov.	3	1953	5703
Clear Creek	Pauline A. Hatfield	Ashland	Pump	Irrig.		23	13	9E	Saunders	Sept.	17	1954	6690
Clearwater Creek	Carl J. Thiele	Clearwater	Pump	Irrig.	.46	26	25	9	Holt	Dec.	12	1939	3048
Clearwater Creek	Charles W. McDonald	Ewing	Pump	Irrig.	.29	33	25	9	Holt	Dec.	18	1939	3055
Clearwater Creek	Mable E. Schrunk	Atkinson	Pump	Irrig.	.39	14	24	10	Wheeler	Sept.	25	1940	3275
Clearwater Creek	Alfred Lund	Clearwater	Pump	Irrig.	.40	6	25	7	Antelope	Mar.	4	1944	3694
Clearwater Creek	John P. F. Thiessen	Clearwater	Pump	Irrig.		22	25	8	Antelope	Aug.	13	1954	6586
Dee Creek	Peter Hilt, Jr.	Waverly	Pump	Irrig.	1.72	7	11	9E	Cass	June	12	1933	2326
Deer Creek	J. J. DeLay	Norfolk	Pump	Irrig.	1.54	30	24	3	Madison	Apr.	11	1944	3711
Dog Creek	Roy D. Day	Wayne	Pump	Irrig.	.09	26	27	3E	Wayne	Jan.	30	1954	5912
Dog Town Creek	John Beckman	Wayne	Pump	Irrig.	.63	6	26	4E	Wayne	Aug.	15	1936	2613
Dry Creek	Mitchel Haas	Pierce	Pump	Irrig.	.55	16	26	2	Pierce	Aug.	15	1946	3944
Dry Creek	Harry Fleming	Pierce	Pump	Irrig.	.69	8	26	2	Pierce	Sept.	16	1947	4115
Dry Creek	Erhardt Winter	Pierce	Pump	Irrig.	.91	7	26	2	Pierce	Dec.	8	1952	5102

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Dry Gully	R. D. Scott	Raymond	Scott Reservoir	Storage	†72 AF	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 } 263 }	
Elkhorn River	Jos. Davis	O'Neill	Davis Canal	Irrig.	1.43	31	29	11	Holt	Feb.	8	1894	260	
Elkhorn River	Thos. Carlon	O'Neill	Carlon Canal No. 1	Irrig.	1.00	32	29	11	Holt	Feb.	8	1894	261	
Elkhorn River	Thos. Carlon	O'Neill	Carlon Canal No. 2	Irrig.	5.00	30	29	11	Holt	Feb.	8	1894	262	
Elkhorn River	N. E. Cain, et al	O'Neill	Cain Canal	Irrig.	2.70	32	29	11	Holt	Feb.	20	1895	283	
Elkhorn River	Chas. P. Ross	Omaha	Platte River Plant	Power	500.00	14	15	10E	Douglas	Nov.	24	1909		971
Elkhorn River	W. S. T. Neligh	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	C. W. Eubank	Omaha	Pump	Irrig.	.79	10	25	7	Antelope	July	5	1934		2416
Elkhorn River	Herman Heitzman Est.	West Point	Pump	Irrig.	.31	21	22	6E	Cuming	Mar.	16	1935		2528
Elkhorn River	F. V. McGuire	Wisner	Pump	Irrig.	1.21	32	24	4E	Cuming	Aug.	14	1936		2612
Elkhorn River	John M. Collins	West Point	Pump	Irrig.	.39	22	22	6E	Cuming	Aug.	31	1936		2630
Elkhorn River	Geo. F. Dwyer	Waterloo	Pump	Irrig.	.08	10	15	10E	Douglas	Sept.	22	1936		2641
Elkhorn River	J. C. Robinson Real Estate Company	Waterloo	Pump	Irrig.	1.10	3	15	10E	Douglas	Nov.	5	1936		2653
Elkhorn River	F. B. Torbert Estate	Norfolk	Pump	Irrig.	.09	36	24	2	Madison	Dec.	21	1936		2674
Elkhorn River	Joseph R. Rozmarin	Stanton	Pump	Irrig.	.05	13	23	2E	Stanton	Mar.	1	1937		2704
Elkhorn River	Orris Brink	Oakdale	Pump	Irrig.	.82	8	24	5	Antelope	June	4	1937		2750
Elkhorn River	Willie A. Macklin	Norfolk	Pump	Irrig.	.69	6	23	1E	Stanton	July	30	1937		2767
Elkhorn River	J. B. Stewart	Tilden	Pump	Irrig.	.69	15	24	4	Madison	Mar.	18	1938		2850
Elkhorn River	John E. Sunderland	Omaha	Pump	Irrig.	1.86	34	15	10E	Douglas	Apr.	4	1938		2860
Elkhorn River	C. H. Bauermeister	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	James O'Brien, et al	Tilden	Pump	Irrig.	.76	4	24	5	Antelope	Oct.	18	1939		2990

Elkhorn River	Harry Freiberg	Stanton	Pump	Irrig.	.56	8	23	3E	Stanton	Nov.	10	1939		3016
Elkhorn River	William Boldt, Jr.	Stanton	Pump	Irrig.	.27	29	23	2E	Stanton	Dec.	13	1939		3050
Elkhorn River	Elman Eggers	Tilden	Pump	Irrig.	.64	11	24	5	Antelope	Dec.	19	1939		3061
Elkhorn River	Joe Zimmerer	Humphrey	Pump No. 1	Irrig.	.40	17	23	3E	Stanton	Jan.	2	1940		3069
Elkhorn River	Peter Martensen	Oakdale	Pump	Irrig.	.42	8	24	5	Antelope	Jan.	9	1940		3073
Elkhorn River	F. A. Childs	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	R. A. Emerson	Oakdale	Pump	Irrig.	.09	1	24	6	Antelope	Feb.	14	1941		3391
Elkhorn River	Joe Wittwer	Tilden	Pump	Irrig.	.38	3	24	5	Antelope	Mar.	5	1941		3409
Elkhorn River	Fred C. Werner	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	James T. McDonald	O'Neill	Pump	Irrig.	.43	33	29	11	Holt	Feb.	10	1953		5158
Elkhorn River	Kenneth Melcher	Norfolk	Pump	Irrig.	.33	1	23	1	Madison	Mar.	27	1954		6099
Elkhorn River	Paul Clemens	Battle Creek	Pump	Irrig.	.14	24	24	3	Madison	Mar.	27	1954		6100
Elkhorn River	Guy Ziegler	Ashland	Pump	Irrig.	2.64	9	16	10E	Douglas	Apr.	16	1954		6208
Elkhorn River	Wm. Mozer	Meadow Grove	Pump	Irrig.	.79	13	24	4	Madison	July	22	1954		6484
Elkhorn River	Lawrence Hunteman	Hooper	Pump	Irrig.		11	19	7	Dodge	July	27	1954		6498
Elkhorn River	P. E. Chleboun	Crete	Pump	Irrig.		4	23	3E	Stanton	Aug.	6	1954		6570
Elkhorn River, Springs, Trib. to	F. A. Childs	Oakdale	Childs Reservoir	Storage	†102 AF	3	24	5	Antelope	Mar.	4	1940		3101
Elkhorn River, Springs, Trib. to	Lewis E. Rothchild	Oakdale	Pump	Irrig.	.30	2	24	6	Antelope	July	27	1949		4493
Elkhorn River, Trib. to	Paul Clemens	Battle Creek	Pump	Irrig.	.61	19	24	2	Madison	Mar.	27	1954		6101
Elkhorn River, Trib. to	B. E. Adkins	Norfolk	Pump	Irrig.	.43	34	24	2	Madison	Aug.	17	1954		6628
Elkhorn River, Trib. to	Eugene D. Diers	Fremont	Pumps	Irrig.		31	18	9	Dodge	Aug.	25	1954		6637

†Reservoir capacity alleged by applicant.
*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				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	Irrig.	100.00	23	24	1	Madison	Mar.	1	1870	996	
Elkhorn R., N.F.	R. J. Shurtleff	Norfolk	Pump	Irrig.	1.03	15	24	1	Madison	June	15	1929		2085
Elkhorn R., N.F.	Geo. J. Stewart	Norfolk	Pump	Irrig.	.42	10	24	1	Madison	Aug.	17	1933		2343
Elkhorn R., N.F.	Erwin Zutz	Norfolk	Pump	Irrig.	.50	15	24	1	Madison	Sept.	12	1934		2474
Elkhorn R., N.F.	Robert Bathke	Norfolk	Pump	Irrig.	.02	22	24	1	Madison	Apr.	4	1935		2533
Elkhorn R., N.F.	R. J. Shurtleff	Norfolk	Pump	Irrig.	.53	15	24	1	Madison	May	2	1936		2577
Elkhorn R., N.F., and Dry Creek	C. H. Chilvers	Pierce	Pumps	Irrig.	5.91	9	26	2	Pierce	July	14	1936		2588
Elkhorn R., N.F.	John Werner	Norfolk	Pump	Irrig.	.56	26	24	1	Madison	July	24	1936		2597
Elkhorn R., N.F.	Erwin Kolterman	Pierce	Pump	Irrig.	1.89	15	26	2	Pierce	July	30	1936		2602
Elkhorn R., N.F.	Walter Koehler	Osmond	Pump	Irrig.	.71	19	27	2	Pierce	Aug.	13	1936		2611
Elkhorn R., N.F.	L H. Doughty	Norfolk	Pump	Power	.24	26	24	1	Madison	Nov.	18	1936		2661
Elkhorn R., N.F.	Christian C. Kirchmann	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.	Herman Richter	Norfolk	Pump	Irrig.	.43	36	24	1	Madison	Apr.	27	1938		2865
Elkhorn R., N.F.	E. F. Eberly	Norfolk	Pumps	Irrig.	.15	26	24	1	Madison	May	26	1938		2875
Elkhorn R., N.F.	E. F. Eberly	Norfolk	Pump	Irrig.	.29	26	24	1	Madison	May	26	1938		2875R
Elkhorn R., N.F.	Albert H. Meierhenry	Norfolk	Pump	Irrig.	1.05	28	25	1	Pierce	Nov.	20	1939		3021
Elkhorn R., N.F.	Albert H. Meierhenry	Norfolk	Pump	Irrig.	.18	33	25	1	Pierce	Dec.	11	1939		3043
Elkhorn R., N.F.	Willard H. Brown	Norfolk	Pump	Irrig.	1.25	36	24	1	Madison	Mar.	8	1940		3110
Elkhorn R., N.F.	Joseph Baksa	Norfolk	Pump	Irrig.	.22	26	24	1	Madison	Mar.	18	1940		3121
Elkhorn R., N.F.	Ethel Toll Cook	Norfolk	Pump	Irrig.	.08	26	24	1	Madison	Feb.	19	1941		3398
Elkhorn R., N.F.	Alfred Otto	Pierce	Pump	Irrig.	1.23	26	26	2	Pierce	Aug.	8	1946		3937
Elkhorn R., N.F.	Frank G. Massman	Pierce	Pump	Irrig.	.99	8	26	2	Pierce	Aug.	7	1946		3941
Elkhorn R., N.F.	W. O. Eichelberger	Norfolk	Pump	Irrig.	.61	33	25	1	Pierce	Aug.	15	1946		3945
Elkhorn R., N.F.	Alfred Otto	Pierce	Pump	Irrig.	.86	9	26	2	Pierce	Aug.	20	1946		3946
Elkhorn R., N.F.	Donald F. Magdanz, et al	Pierce	Pump	Irrig.	1.83	32	27	2	Pierce	Sept.	11	1946		3958

Elkhorn R., N.F.	Gilbert Jochens	Pierce	Pump	Irrig.	.83	5	26	2	Pierce	Feb.	2	1948	4197
Elkhorn R., N.F.	Walter Fenske	Hoskins	Pump	Irrig.	.77	6	25	1	Pierce	June	4	1948	4278
Elkhorn R., N.F.	David Wolf	Pierce	Pump	Irrig.	.29	23	26	2	Pierce	Sept.	14	1946	3961
Elkhorn R., N.F.	Ralph Klug	Norfolk	Pump	Irrig.		3	24	1	Madison	Mar.	27	1954	6102
Elkhorn R., N.F.	Ray Wilke	Norfolk	Pump	Irrig.		33	25	1	Pierce	Sept.	17	1954	6691
Elkhorn R., N.F.	Clifton Huwaldt, et al	Osmond	Pump	Irrig.		24	27	3	Pierce	Sept.	23	1954	6694
Elkhorn R., N.F., Middle Branch	John P. Theisen	Osmond	Pump No. 3	Irrig.		2	27	3	Pierce	Mar.	18	1954	6077
Elkhorn R., N.F., West Branch	Casper Theisen	Osmond	Pump No. 1	Irrig.		2	27	3	Pierce	Mar.	18	1954	6075
Elkhorn R., S.F.	Albert Rothleuter	Ewing	Flour Mills	Power	33.00	3	26	9	Holt	Aug.	21	1898	464
Elkhorn R., S.F.	James Hawk	Ewing	Pump	Irrig.	.45	17	26	10	Holt	Jan.	3	1948	4166
Fremont Drain	Paul R. Eveland	Elmwood	Pump	Irrig.		32	18	7E	Dodge	July	28	1954	6507*
Giles Creek	Russell Young	Tilden	Pump	Irrig.	.62	13	24	5	Antelope	Nov.	24	1936	2663
Ground Water	B. W. Reynolds	Fremont	Reynolds Well	Irrig.		3	17	8E	Dodge	Nov.	13	1940	3329*
Ground Water	Reynolds and Reynolds	Fremont	Reynolds Well	Irrig.		33	18	8E	Dodge	Feb.	4	1941	3382*
Ground Water	Mrs. Lillian E. Reesman	Falls City	Reesman Well	Irrig.		25	18	6	Dodge	May	22	1947	4076*
Ground Water	Ruth E. Greeley	Weston	Greeley Wells	Irrig.		18	25	6	Antelope	Oct.	4	1947	4120*
Ground Water	James S. Armstrong	Greenwood	Armstrong Well	Irrig.		22	12	9E	Cass	Jan.	31	1950	4582*
Ground Water	Marion Davis	Stuart	Davis Well	Irrig.		12	30	16	Holt	Oct.	16	1950	4755*
Ground Water	Fritz O. Siemoneit	Plattsmouth	Siemoneit Well	Irrig.		31	13	13E	Cass	July	31	1952	5001*
Ground Water	Corbett and Devries	Fremont	Corbett and Devries Well	Irrig.		36	17	8E	Dodge	Mar.	18	1953	5207*
Ground Water	Franklin D. Keim	Lincoln	Keim Well	Irrig.		25	11	7	Lancaster	Sept.	19	1953	5585*
Ground Water	Wert Breck	Waverly	Breck Well No. 2	Irrig.		17	11	8E	Lancaster	Sept.	22	1953	5592*.
Ground Water	Wert Breck	Waverly	Breck Well No. 1	Irrig.		17	11	8E	Lancaster	Sept.	22	1953	5593*
Ground Water	O. L. Anderson	Waverly	Anderson Well	Irrig.		10	11	8E	Lancaster	Oct.	22	1953	5664*
Ground Water	Allied Chem. & Dye Corp.	South Omaha	Allied Well No. 11	Mfg.		25	13	13E	Sarpy	Oct.	31	1953	5689*
Ground Water	Allied Chem. & Dye Corp.	South Omaha	Allied Well No. 12	Mfg.		25	13	13E	Sarpy	Oct.	31	1953	5690*

R. Denotes relocation.
*Application not approved.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 13	Mfg.		26	13	13E	Sarpy	Oct.	31	1953		5691*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 14	Mfg.		25	13	13E	Sarpy	Oct.	31	1953		5692*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 15	Mfg.		26	13	13E	Sarpy	Oct.	31	1953		5693*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 1	Mfg.		25	13	13E	Sarpy	Nov.	13	1953		5721*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 8	Mfg.		25	13	13E	Sarpy	Nov.	13	1953		5722*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 9	Mfg.		25	13	13E	Sarpy	Nov.	13	1953		5723*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 10	Mfg.		25	13	13E	Sarpy	Nov.	13	1953		5724*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 2	Mfg.		25	13	13E	Sarpy	Nov.	21	1953		5740*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 3	Mfg.		25	13	13E	Sarpy	Nov.	21	1953		5741*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 4	Mfg.		25	13	13E	Sarpy	Nov.	21	1953		5742*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 5	Mfg.		25	13	13E	Sarpy	Nov.	21	1953		5743*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 6	Mfg.		25	13	13E	Sarpy	Nov.	21	1953		5744*
Ground Water	Allied Chem. & Dye Corp.	Omaha	Allied Well No. 7	Mfg.		25	13	13E	Sarpy	Nov.	21	1953		5745*
Ground Water	Ernest Schmidt	Fremont	Schmidt Well	Irrig.		31	17	9E	Dodge	Feb.	1	1954		5915*
Ground Water	Elmer C. Schlaphoff	Waverly	Schlaphoff Well	Irrig.		15	11	8E	Lancaster	Feb.	24	1954		5984*
Ground Water	Wm. M. Cowin	Oakdale	Cowin Well	Irrig.		5	24	5	Antelope	Feb.	25	1954		5991*
Ground Water	Wm. C. Cowin	Oakdale	Cowin Well	Irrig.		5	24	5	Antelope	Feb.	25	1954		5992*
Ground Water	Chas. R. Tyrrell	Waverly	Tyrrell Well	Irrig.		14	11	8E	Lancaster	Mar.	15	1954		6063*
Ground Water	Sam W. Schwerin, Jr.	Norfolk	Schwerin Well	Irrig.		35	24	1	Madison	May	14	1954		6305*
Ground Water	Continental National Bank	Lincoln	Continental National Bank Well	Irrig.		27	9	6E	Lancaster	May	14	1954		6310*
Ground Water	Frederick C. Retzlaff	Lincoln	Retzlaff Well	Irrig.		2	10	7E	Lancaster	July	20	1954		6450*
Ground Water	Peter Hilt, Jr.	Greenwood	Hilt Well	Irrig.		7	11	9E	Cass	Sept.	30	1954		6741*
Hadar Creek	Ray Wilke	Norfolk	Pump	Irrig.		33	25	1	Pierce	Aug.	6	1954		6566
Holt Creek	F. D. Schermerhorn	Omaha	Schermerhorn Canal	Irrig.	1.89	5	28	13	Holt	May	9	1941		3441

Jordan Creek	Axel and Wm. Spader	Waverly	Pump	Irrig.	.61	18	11	8E	Lancaster	Nov.	12	1952	5068
Jordan Creek	Axel and Wm. Spader	Waverly	Spader Reservoir	Storage	†4.8 AF	18	11	8E	Lancaster	Jan.	18	1954	5880
Jordan Creek	Axel and Wm. Spader	Waverly	Pump	Irrig.		18	11	8E	Lancaster	Apr.	29	1954	6268
Knebel-Pofahl Lake	Ernest H. Knebel	Norfolk	Pump	Irrig.	.27	2	23	1	Madison	Nov.	20	1939	3020
Knebel-Pofahl Lake	Sophia Knebel	Norfolk	Pump	Irrig.	.35	2	23	1	Madison	Feb.	17	1940	3092
Logan Creek (Oakland Dr.)	Harry G. Johnson Estate	Oakland	Pump	Irrig.	1.71	35	22	8E	Burt	Feb.	20	1931	2192
Logan Creek (Oakland Dr.)	J. A. Johnson	Oakland	Pump	Irrig.	.92	36	22	8E	Burt	Sept.	10	1931	2236
Logan Creek	Bernard Havekost	Hooper	Pump	Irrig.	.37	33	20	8E	Dodge	July	10	1936	2586
Logan Creek	Meyer and Meyer	Hooper	Pump	Irrig.	1.41	16	20	8E	Dodge	July	24	1936	2595
Logan Creek	George H. Schole	Hooper	Pump	Irrig.	.38	32	20	8E	Dodge	July	24	1936	2596
Logan Creek	Orville T. Uehling	Uehling	Pump	Irrig.	.26	3	20	8E	Dodge	July	25	1936	2598
Logan Creek	Wm. J. Meyer	Bancroft	Pump	Irrig.	1.33	26	24	7E	Cuming	July	27	1936	2599
Logan Creek (Oakland Dr.)	Kuhlman-Von Essen	Oakland	Pump	Irrig.	.70	14	21	8E	Burt	Aug.	1	1936	2604
Logan Creek	Otto Hoegermeyer	Hooper	Pump	Irrig.	.69	33	20	8E	Dodge	Aug.	17	1936	2615
Logan Creek	J. S. Golder	Oakland	Pump	Irrig.	.14	3	20	8E	Dodge	Aug.	26	1936	2624
Logan Creek (Pender Dr.)	Victor Novak	Pender	Pump	Irrig.	.78	36	25	6E	Thurston	Sept.	2	1936	2632
Logan Creek	William Havekost	Hooper	Pump	Irrig.	.43	29	20	8E	Dodge	Nov.	12	1936	2659
Logan Creek (Bancroft Dr.)	William Ronnenkamp	Bancroft	Pump	Irrig.	.26	26	24	7E	Cuming	Dec.	26	1936	2675
Logan Creek	D. Hall	Wayne	Pump	Irrig.	.08	13	26	3E	Wayne	Jan.	28	1937	2688
Logan Creek (Pender Dr.)	H. H. Burmester	Pender	Pump	Irrig.		16	25	6E	Thurston	Mar.	2	1937	2707
Logan Creek	Jordan and Moodie	Bancroft	Pump	Irrig.	1.42	22	24	7E	Cuming	Mar.	9	1937	2712
Logan Creek	Mrs. Marie Von Essen	Oakland	Pump	Irrig.	.26	3	20	8E	Dodge	Mar.	13	1937	2714

*Application not approved.
†Reservoir capacity alleged by applicant.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Logan Creek	Albert T. Ross	Bancroft	Pump	Irrig.	.76	15	24	7E	Cuming	May	4	1937		2739
Logan Creek (Lyons Dr.)	Irving G. Roscoe	Lyons	Pump	Irrig.	1.04	23	23	8E	Burt	Oct.	5	1937		2795
Logan Creek (Bancroft Dr.)	Helen M. Hughes	Gretna	Pump	Irrig.	.64	32	24	8E	Thurston	July	28	1939		2942
Logan Creek (Bancroft Dr.)	Kenneth Samson	Bancroft	Pump	Irrig.	.35	23	24	7E	Cuming	Aug.	4	1939		2947
Logan Creek (Lyons Dr.)	H. S. White	Lyons	Pump	Irrig.	.97	2	23	8E	Burt	Sept.	6	1939		2959
Logan Creek (Bancroft Dr.)	Vaclav Kratochvil	Bancroft	Pump	Irrig.	1.73	22	24	7E	Cuming	Sept.	12	1939		2963
Logan Creek (Pender Dr.)	John Hilker	Pender	Pumps	Irrig.	.66	5	25	7E	Cuming	Sept.	20	1939		2966
Logan Creek (Pender Dr.)	Ruth E. Branham	Omaha	Pump	Irrig.	.49	22	25	6E	Thurston	Dec.	18	1939		3057
Logan Creek (Pender Dr.)	J. J. Rush	Sioux City, Ia.	Pump	Irrig.	.96	22	25	6E	Thurston	Jan.	8	1940		3072
Logan Creek (Logan Dr.)	Richard Bradford	Winnebago	Pump	Irrig.	.49	25	26	5E	Thurston	Apr.	15	1940		3135
Logan Creek (Logan Dr.)	E. Ruth Collins and Edla A. Collins	Wakefield	Pump	Irrig.	.20	36	27	4E	Dixon	Apr.	18	1940		3139
Logan Creek (Logan Dr.)	Wm. Mason	Laurel	Pump	Irrig.	.71	3	28	3E	Cedar	June	17	1940		3181
Logan Creek	Keith Preston	Lyons	Pump	Irrig.	.66	11	22	8E	Burt	July	15	1946		3927
Logan Creek	Kenneth C. Uehling	Lyons	Pump	Irrig.	.56	11	22	8E	Burt	July	17	1946		3928
Logan Creek	Harvey C. Henningsen	Allen	Pump	Irrig.	.91	2	27	4E	Dixon	Sept.	7	1946		3954
Logan Creek	Ivan Borman	Wakefield	Pump	Irrig.	1.41	18	27	5E	Dixon	Jan.	30	1947		4029
Logan Creek	Robert Blatchford	Wakefield	Pump	Irrig.	.81	19	27	5E	Dixon	Aug.	30	1947		4102
Logan Creek	Nick Kvols	Laurel	Pump	Irrig.	.71	13	28	3E	Cedar	Sept.	22	1947		4117

Logan Creek	Lawrence H. Meyer	Hooper	Pump	Irrig.	1.35	16	20	8E	Dodge	Mar.	16	1948	4233
Logan Creek	Arvid N. Peterson	Laurel	Pump	Irrig.	.48	19	28	4E	Dixon	Apr.	13	1948	4244
Logan Creek	Floyd Carey	Loveland, Colo.	Pump	Irrig.	1.33	25	24	7E	Cuming	Apr.	27	1948	4251
Logan Creek	Joe Lamplott	Thurston	Pump	Irrig.	1.88	9	24	7E	Cuming	May	14	1948	4265
Logan Creek	LeRoy Gleeson	Lyons	Pump	Irrig.	.49	34	24	8	Burt	June	19	1948	4291
Logan Creek	R. Chester Graff	Bancroft	Pump	Irrig.	1.02	15	24	7E	Cuming	June	24	1948	4297
Logan Creek	Harvey C. Henningsen	Allen	Pump	Irrig.	.54	39	28	4E	Dixon	Jan.	19	1949	4424
Logan Creek (Oakland Dr.)	Elwood Johnson, et al	Oakland	Pump	Irrig.		26	22	8E	Burt	July	26	1954	6488
Logan Creek	Nels Anderson	Oakland	Pump	Irrig.		11	21	8E	Burt	July	30	1954	6518
Logan Creek	Norman Heitshusen	Lyons	Pump	Irrig.		14	22	8E	Burt	Sept.	1	1954	6680
Logan Creek, S.B.	Ruth Malmstrom	Clarendon Hills, Ill.	Pump	Irrig.	.29	31	27	5E	Dixon	Mar.	15	1954	6062
Maple Creek	Howard J. Luther	Nickerson	Pump	Irrig.	2.72	10	18	8E	Dodge	Dec.	19	1934	2500
Maple Creek	Eugene Lutz	North Bend	Pump	Irrig.	.79	7	18	5E	Dodge	Feb.	17	1954	5968
Maple Cr., East	Joseph F. Kovarik	Howells	Pump	Irrig.	.36	10	19	4E	Colfax	Aug.	7	1939	2949
Maple Cr., East	Milo Svoboda	Dodge	Pump	Irrig.	.96	15	19	4E	Colfax	Aug.	16	1939	2952
Maple Creek, Middle Fork	James Janecek	Schuyler	Pump	Irrig.	.26	13	19	3E	Colfax	Jan.	18	1940	3077
Maple Creek, Middle Fork	John E. Higgins, Jr.	Lincoln	Pump	Irrig.	.14	16	18	4E	Colfax	June	9	1954	6361
Middle Creek	Robert Malone	Lincoln	Ice Plant	Ice	10.00	30	10	6E	Lancaster	Dec.	26	1907	883
Middle Creek	Claude B. Ivers	Lincoln	Pump	Irrig.	.26	28	10	6E	Lancaster	Jan.	7	1938	2828
Middle Creek	Richard J. Lilly	Lincoln	Pump	Irrig.	.73	28	10	6E	Lancaster	Dec.	26	1939	3068
Middle Creek	Lawrence F. Fisher	Rogers	Fisher Reservoir	Storage		25	10	5E	Saunders	June	28	1954	6398
Middle Creek, So. Branch	Wm. L. Tolstead	Fremont	Pump	Irrig.	.15	21	10	5E	Lancaster	Dec.	22	1947	4162
Oak Creek	Herman Eiche	Lincoln	Eiche Plant	Irrig.	.71	17	10	6E	Lancaster	Jan.	4	1899	489
Oak Creek	E. J. Cheney	Lincoln	Pump	Irrig.	.45	8	10	6E	Lancaster	Feb.	6	1929	2069

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Oak Creek	Edward Hanich	Lincoln	Pump	Irrig.	.15	8	10	6E	Lancaster	Nov.	21	1929		2115
Oak Creek	Arthur Clark	Lincoln	Pump	Irrig.	.14	17	10	6E	Lancaster	Apr.	11	1930		2132
Oak Creek	L. H. Cheney	McCook	Pump	Irrig.	.66	8	10	6E	Lancaster	Sept.	22	1931		2239
Oak Creek	J. L. Witmer	Lincoln	Pump	Irrig.	.04	15	10	6E	Lancaster	Feb.	8	1933		2301
Oak Creek	W. F. Burcham	Lincoln	Pump	Irrig.	1.73	20	11	6E	Lancaster	July	13	1934		2422
Oak Creek	John R. Bennett	Lincoln	Pump	Irrig.	1.49	29	11	6E	Lancaster	Sept.	14	1936		2639
Oak Creek	W. F. Burcham	Lincoln	Pump	Irrig.	.42	20	11	6E	Lancaster	Mar.	12	1953		5203
Oak Creek	Mrs. Edward A. Howe	Fairbury	Pump	Irrig.	.27	2	11	5E	Lancaster	Feb.	3	1954		5930
Oak Creek	Axel C. Henricksen	Raymond	Pump	Irrig.		1	11	5E	Lancaster	Mar.	1	1954		6012
Oak Creek	Mrs. Wm. Silverstrand	Raymond	Pump	Irrig.		6	11	6E	Lancaster	Apr.	12	1954		6173
Pebble Creek	Howard C. Dahl	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	George S. Gordon	Scribner	Pump	Irrig.	.18	35	20	6E	Dodge	Dec.	8	1939		3039
Pebble Creek	Howard C. Dahl	Scribner	Pump	Irrig.	.57	36	20	6E	Dodge	Jan.	10	1940		3074
Perrin Creek	Fred Erickson	Coleridge	Pump	Irrig.	.59	23	29	2E	Cedar	July	22	1949		4490
Platte River	Chas. P. Ross	Omaha	Platte River Plant	Power	2500.00	6	14	10E	Douglas	Nov.	24	1909		970
Platte River	Parmlee 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	10E	Saunders	Nov.	8	1948		4361*
							13	9E	Saunders	Nov.	8	1948		4361*
Rawhide Creek	S. C. Cowles	Waterloo	Pump	Irrig.	.46	17	16	10E	Douglas	Aug.	7	1936		2606
Rawhide Creek	R. E. Hollingworth	Omaha	Pump	Irrig.	.43	16	16	10E	Douglas	June	9	1937		2751
Rock Creek	Chris Stark	Ceresco	Pump	Irrig.	1.08	31	13	7E	Saunders	Aug.	6	1931		2225
Rock Creek	Louis Jeffrey	Waverly	Pump	Irrig.	.46	34	12	8E	Lancaster	May	12	1934		2382
Rock Creek	Armstrong and Landon	Greenwood	Pump	Irrig.	1.24	35	12	8E	Lancaster	Sept.	2	1939		2956
Rock Creek	James and Louis Jeffrey	Waverly	Pump	Irrig.	.20	35	12	8E	Lancaster	Sept.	29	1939		2978

Rock Creek	Claude Van Landingham	Lincoln	Pump	Irrig.	.50	25	13	6E	Saunders	Nov.	27	1939	3031
Rock Creek	Ernest Brauckmuller	Waverly	Pump	Irrig.	.31	34	12	8E	Lancaster	Nov.	3	1947	4139
Rock Creek	McGill Bros.	Waverly	Pump	Irrig.	.35	5	12	8E	Lancaster	Feb.	10	1953	5157
Rock Creek	John Martin	Fremont	Pump No. 1	Irrig.	.46	5	12	7E	Lancaster	Aug.	1	1953	5436
Rock Creek	Fred Blomstrom	Waverly	Pump	Irrig.		16	12	8E	Lancaster	July	12	1954	6420
Rock Creek	R. L. Lewis	McCook	Pump	Irrig.		2	12	7	Lancaster	July	26	1954	6495
Ryans Creek	Elkhorn River Drainage District	Fremont	Cutoff "H" Ditch	Drainage		4	17	9E	Dodge	Oct.	16	1909	966
Salt Creek	C. B. & Q. R. R. Co.	Lincoln	C. B. & Q. Supply	Domestic	2.00	3	9	6E	Lancaster	Sept.	20	1923	1722
Salt Creek	Frank Rutherford	Hastings	Pump	Irrig.	9.11	24	11	7E	Lancaster	July	1	1925	1766
Salt Creek	State Board of Control	Lincoln	Penitentiary Canal	Irrig.	3.00	11	9	6E	Lancaster	June	15	1926	1817
Salt Creek	C. H. Roper	Lincoln	University Duck Pond	Resort		32	11	7E	Lancaster	July	29	1926	1837
Salt Creek	William F. Splain	Lincoln	Pump	Irrig.	.11	25	9	6E	Lancaster	June	18	1934	2412
Salt Creek	Harry T. Cropsey	Lincoln	Pump	Irrig.	.72	26	9	6E	Lancaster	Dec.	8	1939	3040
Salt Creek	Harry T. Cropsey	Lincoln	Pump	Irrig.	.33	26	9	6E	Lancaster	May	24	1940	3164
Salt Creek	J. Carl Sittler	Martell	Pump	Irrig.	.94	34	8	6E	Lancaster	Sept.	4	1953	5542
Salt Creek	John W. Kersten	Sprague	Pump	Irrig.	.17	34	8	6E	Lancaster	Sept.	8	1953	5549
Salt Creek	Herbert E. Reller	Martel	Pumps	Irrig.	.56	32	8	6E	Lancaster	Apr.	13	1954	6179
Salt Creek, E.B.	Ralph J. Williams	Roca	Pump	Irrig.	.55	20	8	7E	Lancaster	Feb.	27	1954	6005
Salt Creek, W.B.	Herbert E. Reller, et al	Martel	Pumps	Irrig.	1.34	5	7	6E	Lancaster	Apr.	13	1954	6177
Salt Creek, Trib. to	Continental Nat. Bank	Lincoln	Pumps	Irrig.		27	9	6E	Lancaster	May	7	1954	6284
Salt Creek, Trib. to	Continental Nat. Bank	Lincoln	Pump	Irrig.		27	9	6E	Lancaster	May	7	1954	6285
Salt Creek, Ravine, Trib. to	Izaak Walton League	Lincoln	Izaak Walton Reservoir	Storage	†4 AF	5	10	7E	Lancaster	Oct.	6	1949	4519
Sand Creek	Joe Hudec	Wahoo	Wanahoo Park Lake	Fish	†12 AF	3	14	7E	Saunders	July	25	1934	2442
Sand Creek	Edward Dolezal	Wahoo	Dolezal Lake	Fish	†2.25AF	22	15	7E	Saunders	Aug.	1	1934	2452
Sand Creek	Harold Lampert	Fremont	Pumps	Irrig.	1.02	15	15	7E	Saunders	Jan.	14	1954	5869
Sand Creek	Frank L. Dolezal	Wahoo	Pump	Irrig.		22	15	7E	Saunders	Mar.	26	1954	6096

*Application not approved.
†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Scott Reservoir	R. D. Scott	Raymond	Pump	Irrig.		22	12	5E	Lancaster	Dec.	7	1936		2762
Silver Creek	Game, Forestation and Parks Commission	Lincoln	Armour & Co. Reservoir	Ice	10.00	7	13	9E	Saunders	Oct.	18	1897		415
Silver Creek	Herman Hanke	Palmer	Pump	Irrig.	.50	35	14	8E	Saunders	July	23	1934		2436
Silver Creek	T. H. Gooding	Lincoln	Pump	Irrig.	1.05	27	11	8E	Saunders	June	23	1950		4713
Silver Creek	Ralph Treptow	Ithaca	Pump	Irrig.	1.04	28	14	8E	Saunders	Feb.	24	1954		5982
Silver Creek	Ferd E. Anderson	Wahoo	Pump	Irrig.		32	15	8E	Saunders	June	28	1954		6397*
Silver Creek	Stanley Miller	Ashland	Pump	Irrig.		26	13	9E	Saunders	Aug.	23	1954		6632
Spring Branch	Herbert E. Reller	Martel	Pump	Irrig.	.59	5	7	6E	Lancaster	Apr.	13	1954		6178
Spring Creek	Alva A. Horn	Union	Pump	Irrig.	.20	18	10	14E	Cass	Sept.	23	1953		5596
Springs	Newton Land Co.	Omaha	Spring Branch Canal	Irrig.	.07	13	14	13E	Sarpy	June	18	1895		29
Springfield Creek	Floyd D. Trumble	Papillion	Pump	Irrig.	.55	36	13	11E	Sarpy	July	8	1937		2760
Stevens Creek	R. E. Moore	Lincoln	Stevens Creek Canal	Irrig.	1.00	2	10	7E	Lancaster	Nov.	19	1913		1335
Stevens Creek	University of Nebraska	Lincoln	Pump	Irrig.	.48	11	10	7E	Lancaster	July	13	1950		4724
Stevens Creek	Frederick C. Retzlaff	Lincoln	Pump	Irrig.	.74	2	10	7E	Lancaster	Aug.	1	1952		5002
Taylor Creek	John Leu	Madison	Pump	Irrig.	.65	25	22	2	Madison	Aug.	19	1936		2619
Taylor Creek	J. D. Robertson	Madison	Pump	Irrig.	.75	30	22	1	Madison	Oct.	30	1939		3002
Taylor Creek	George Leu	Madison	Pump	Irrig.	.26	25	22	2	Madison	Oct.	31	1940		3316
Taylor Creek	George Leu	Madison	Pump	Irrig.	.39	26	22	2	Madison	Sept.	18	1943		3653
Taylor Creek	Jane Tallquist	Madison	Pump	Irrig.	.39	27	22	2	Madison	Aug.	15	1949		4500
Taylor Creek	Ernest Schmidt	Madison	Pump	Irrig.	.02	32	22	1	Madison	Mar.	27	1954		6103

Turkey Creek	E. Belle Metzger	Louisville	Pump	Irrig.	.52	5	12	12E	Cass	Apr.	15	1954		6206
Union and Taylor Creeks	Brechler and Neeley	Madison	Union Valley Roller Mills	Power		32	22	1	Madison				998*	
Union Creek	Krueger and Anderson	Madison	Pump	Irrig.	.43	24	21	2	Madison	May	9	1934		2379
Union Creek	Carl F. Steckelberg	Lincoln	Pump	Irrig.	2.33	31	22	1E	Stanton	Aug.	18	1934		2461
Union Creek	John B. Fuchs	Stanton	Pump	Irrig.	.85	31	23	2E	Stanton	May	22	1936		2580
Union Creek	Christian Bros.	Madison	Pump	Irrig.	1.68	32	22	1	Madison	Nov.	4	1936		2652
Union Creek	Frank Mastny	Stanton	Pump	Irrig.	1.45	1	22	1E	Stanton	Nov.	9	1936		2656
Union Creek	Mrs. Chas. H. Jacobsen	Boulder, Colo.	Pump	Irrig.	.43	13	21	2	Madison	Mar.	20	1937		2720
Union Creek	Fred Long and Sons	Madison	Pump	Irrig.	.72	29	22	1E	Stanton	July	15	1937		2761
Union Creek	Longin Luxa	Stanton	Pump	Irrig.	1.02	1	22	1E	Stanton	Aug.	29	1939		2954
Union Creek	Willet J. Price	Wisner	Pump	Irrig.	.33	21	22	1E	Stanton	Sept.	8	1939		2960
Union Creek	Martin and Purdy	Madison	Pump	Irrig.	.43	1	21	1	Madison	Oct.	26	1939		2998
Union Creek	Irene M. Balzer Daisy A. Mortimer	De Smet, S. D. Compton, Cal.	Pump	Irrig.	.39	35	21	2	Madison	Dec.	19	1939		3062
Union Creek	J. E. Martin, et al	Madison	Pump	Irrig.	.07	1	21	1	Madison	May	2	1940		3146
Union Creek	Walter L. Purdy	Madison	Pump	Irrig.		2	21	1	Madison	Mar.	27	1954		6098
Wahoo Creek	Wahoo Hunting Club	Lincoln	Ayr Lake	Resort	†60 AF	28	13	9E	Saunders	Dec.	30	1930		2184
Wahoo Creek	Herman Treptow	Ithaca	Pumps	Irrig.	1.43	20	14	8E	Saunders	July	25	1934		2444
Wahoo Creek	Antonie Ludvik	Wahoo	Pump	Irrig.	.96	29	14	8E	Saunders	Aug.	15	1934		2463
Wahoo Creek	Joe L. Lanik	Wahoo	Pump	Irrig.	.64	8	14	7E	Saunders	May	6	1940		3150
Wahoo Creek	Kenneth Marcy	Ashland	Pump	Irrig.	1.59	27	13	9E	Saunders	Aug.	31	1953		5522
Wahoo Creek	Otis M. Ballou	Ashland	Pump	Irrig.	1.12	36	13	9E	Saunders	Nov.	3	1953		5704
Wahoo Creek	Wesley E. Keiser	Ashland	Pump	Irrig.	.80	20	13	9E	Saunders	Nov.	24	1953		5749
Wahoo Creek	Clifford Keiser	Ashland	Pumps	Irrig.	.99	20	13	9E	Saunders	Nov.	24	1953		5750
Wahoo Creek	Ralph Treptow	Ithaca	Pump	Irrig.	.52	20	14	8E	Saunders	Feb.	24	1954		5983
Wahoo Creek	Ralph Treptow	Ithaca	Pump	Irrig.	.44	29	14	8E	Saunders	Mar.	29	1954		6106
Wahoo Creek	Gerald Treptow	Ithaca	Pump	Irrig.		20	14	8E	Saunders	July	30	1954		6516
Wahoo Creek	Stanley Miller	Ithaca	Pump	Irrig.		35	13	9E	Saunders	Aug.	23	1954		6631

*Application not approved, or claim not adjudicated.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Wahoo Creek	Fred Horlivy	Ashland	Pumps	Irrig.		20	14	8E	Saunders	Aug.	25	1954		6638
Walz Lake	Dorothy C. Walz	Battle Creek	Pump	Irrig.	.17	22	24	3	Madison	Mar.	3	1937		2708
Willow Creek	Geo. J. Hetrick	Pierce	Pump	Irrig.	.05	26	26	4	Pierce	May	18	1937		2743
Willow Creek	Fred Synovec	Pierce	Pump	Irrig.	.64	32	26	3	Pierce	June	19	1939		2931
Willow Creek	H. A. Askey	Lincoln	Pump	Irrig.		21	26	4	Pierce	July	24	1942		3461*
Willow Creek	Alfred A. Vinson	Pierce	Vinson Reservoir	Storage	†10 AF	33	26	3	Pierce	Sept.	19	1946		3964
Willow Creek	George Hetrick	Pierce	Hetrick Reservoir	Storage	†6 AF	26	26	4	Pierce	Sept.	21	1946		3965
Willow Creek	James Kruntorad	Pierce	Kruntorad Reservoir	Storage	†3 AF	3	25	3	Pierce	Sept.	23	1946		3968
Willow Creek	Geo. Schulz	Pierce	Pump	Irrig.	.11	27	26	2	Pierce	Jan.	16	1948		4185
Willow Creek	John H. Calvert	Pierce	Pump	Irrig.		34	26	2	Pierce	Dec.	7	1950		4773
Zimmerer-Kuehn Lake	Joe Zimmerer	Humphrey	Pump No. 2	Irrig.	.48	17	23	3E	Stanton	Jan.	16	1940		3076

*Application not approved.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Abitz Creek	J. B. Fullerton	Atkinson	Fullerton Canal No. 2	Irrig.	.36	18	30	13	Holt	Mar.	23	1896		278
Alkali Lake, Little	Ralph A. Baker	Valentine	Pump No. 4	Irrig.	9.33	15	31	28	Cherry	Apr.	21	1950		4651
Anderson Res.	Otto Anderson	Hay Springs	Anderson Canal	Stor-only		2	29	47	Dawes	Oct.	16	1940		3396
Anderson Res.	Otto Anderson	Hay Springs	Pump	Stor-only		26	31	47	Dawes	Apr.	18	1950		4976
Antelope Creek	A. R. Julian, et al	Gordon	Antelope Canal	Irrig.	.36	21	32	40	Cherry	June	29	1905		798
Antelope Creek	W. A. Louks	Gordon	Pump	Irrig.	.12	30	33	41	Sheridan	May	22	1933		2322
Antelope Creek	M. E. Green	Gordon	Pump	Irrig.	.09	30	33	41	Sheridan	May	29	1934		2387
Antelope Creek	Chas. O. McGaughey	Gordon	Pump	Irrig.	.14	30	33	41	Sheridan	Mar.	29	1949		4460
Antelope Creek	Nielsen Brothers	Gordon	Pump	Irrig.	.85	3	32	41	Sheridan	Apr.	13	1949		4462
Antelope Creek	Nielsen Brothers	Gordon	Pump	Irrig.	2.15	3	32	41	Sheridan	Jan.	14	1950		4570
Antelope Creek	Marie Dam	Santa Rosa, Calif.	Pump	Irrig.	.66	12	32	41	Sheridan	Feb.	14	1951		4799
Antelope Creek	Niels Thorsen	Gordon	Pumps	Irrig.	1.86	10	32	41	Sheridan	Sept.	12	1951		4909
Antelope Creek	Marie Dam	Santa Rosa, Calif.	Tryon Reservoir	Storage	†5 AF	12	32	41	Sheridan	Aug.	11	1952		5011
Antelope Creek	Loyd L. Hull and Son	Gordon	Hull Canal Number 4	Irrig.	1.14	22	33	42	Sheridan	Jan.	5	1953		5124
Antelope Creek	Loyd L. Hull and Son	Gordon	Hull Canal Number 1	Irrig.	.04	22	33	42	Sheridan	Feb.	17	1953		5168
Antelope Creek	Loyd L. Hull and Son	Gordon	Hull Canal Number 6	Irrig.	.94	20	33	42	Sheridan	Feb.	17	1953		5169
Antelope Creek	Loyd L. Hull and Son	Gordon	Hull Canal Number 5	Irrig.	.17	20	33	42	Sheridan	Feb.	17	1953		5170
Antelope Creek	Loyd L. Hull and Son	Gordon	Hull Canal Number 2	Irrig.	.47	22	33	42	Sheridan	Feb.	17	1953		5171
Antelope Creek	Loyd L. Hull and Son	Gordon	Hull Reservoir	Storage	†2.3 AF	22	33	42	Sheridan	Feb.	17	1953		5172
Antelope Creek	City of Gordon	Gordon	Pump	Irrig.		29	33	41	Sheridan	Apr.	23	1954		6240
Ashburn Creek	W. H. Zilmer	Valentine	Ashburn Canal	Irrig.	.43	27	34	26	Cherry	June	17	1902		676

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

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

Source	Appropriator or Operator	Post Office	Operator	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Bear Creek	Thomas Skinner	Springview	Skinner Canal	Irrig.	.23	15	32	21	Keya Paha	June	20	1888	609	
Bear Creek	P. Cederberg	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	D. Jason Cole	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	Harold S. Bates Estate	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	Mrs. Arthur Bowring	Merriman	Bar 99 Ranch Canal	Irrig.	.43	15	34	37	Cherry	Aug.	31	1932		2282
Bear Creek	Mrs. Arthur Bowring	Merriman	Bar 99 Ranch Canal	Irrig.	.37	16	34	37	Cherry	Aug.	31	1932		2282R
Bear Creek	Mrs. Arthur Bowring	Merriman	Bar 99 Ranch Canal	Irrig.	.47	8	34	37	Cherry	Feb.	9	1937		2696
Bear Creek	Eva Bowring	Merriman	Bar 99 Ranch Canal	Irrig.	.13	16	34	37	Cherry	Dec.	8	1938		2898
Bear Creek	Eva Bowring	Merriman	Bar 99 Ranch Canal	Irrig.	.65	16	34	37	Cherry	Oct.	31	1940		3321
Bear Creek (See Dry Creek)	Game, Forestation and Parks Commission	Lincoln	Cottonwood Lake	Fish	Supp. S A-3555	16	34	37	Cherry	Nov.	4	1941		3529
Beeman Creek	Orval Vargason	Riverview	Beeman Canal	Irrig.	1.00	23	32	20	Keya Paha	May	20	1892	620	
Beeman Creek	C. O. Barnard	Springview	Barnard Canal	Irrig.	.43	21	32	20	Keya Paha	June	1	1892	603	
Beeman Creek	A. L. Rickman	Springview	Beeman Canal	Irrig.	.30	23	32	20	Cherry	July	25	1895	613	
Big Sandy Creek	W. S. Pickler	Cody	Badger Canal	Irrig.	1.14	12	33	14	Holt	May	16	1902		667
Big Sandy Creek	C. A. Johnson	Butte	Badger Mill	Power	35.00	12	33	14	Holt	Aug.	28	1902		685
Black Bird Creek	A F. Mullen	O'Neill	Mullen Canal	Irrig.	1.00	20	31	11	Holt	Aug.	18	1894	267	
Blue Bird Creek	P. Murphy	O'Neill	Murphy Canal	Irrig.	1.00	26	30	11	Holt	Sept.	7	1894	273	

Boardman Creek	Olin Ravenscraft	Kennedy	Bachelor Canal	Irrig.	27.29	33	30	32	Cherry	Jan.	17	1935		2506
Boardman Creek	C. B. Bachelor	Valentine	Bachelor Canal	Irrig.	9.17	31	30	32	Cherry	May	11	1939		2922
Bone Creek	R. R. Bailey	Ainsworth	Pump	Irrig.	1.15	14	30	22	Brown	Jan.	29	1942		3549
Bone Creek	Art Rohweder	Ainsworth	Pump	Irrig.	.64	7	30	21	Brown	June	14	1950		4700
Bone Creek	Ralph E. Skillman	Ainsworth	Pump	Irrig.	.85	23	30	22	Brown	Feb.	25	1953		5185
Box Butte Creek	Wm. Sandoz	Marsland	Billys Canal	Irrig.	.21	29	29	45	Sheridan	Jan.	13	1900		533
Box Butte Creek	Mrs. Marion Reiter	Indianola	Pump	Irrig.	.90	30	29	45	Sheridan	June	5	1950		4690
Box Butte Creek	James Heaton	Hay Springs	Pump	Irrig.	6.47	36	29	46	Sheridan	June	6	1950		4691
Box Butte Creek	James Heaton	Hay Springs	Heaton Reservoir	Storage	†44 AF	36	29	46	Sheridan	June	6	1950		4692
Box Butte Res.	U. S. Bureau of Reclamation	Denver	Mirage Flats Canal	Supp. I	A-2683	26	29	48	Dawes					6565*
Brush Creek	Nebraska Townsite Co.	Perry	Brush Creek Plant	Power	15.00	23	33	13	Holt	Sept.	28	1898		474
Brush Creek, East Branch	M. H. McCarthy	O'Neill	McCarthy Canal No. 1	Irrig.	.50	24	32	14	Holt	July	1	1894	264	
Brush Creek, West Branch	M. H. McCarthy, et al	O'Neill	McCarthy Canal No. 2	Irrig.	.64	26	32	14	Holt	Aug.	15	1894	266	
Burton Creek	Otto Mutz	Springview	Burton Creek Canal	Irrig.	.57	19	34	19	Keya Paha	June	30	1895	608b	
Burton Creek	Otto Mutz	Springview	One Trip Canal	Irrig.	.36	2	33	20	Keya Paha	Sept.	2	1895		142
Burton Creek	C. B. and F. T. Horton	Springview	Placid Reservoir	Storage	†80 AF	17	34	19	Keya Paha	Feb.	24	1941		3400
Burton Creek, Springs, Trib. to	John D. Baker	Burton	Pheasant Roost Lake	Fish	†12 AF	5	34	19	Keya Paha	May	15	1940		3160
Canyon, Dry	Emery Gilmore	South Omaha	Gilmore Canal	Irrig.	14.29	36	30	54	Sioux	July	5	1907		863
Cedar Creek	Leonard P. McNamee	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

‡Bear Creek in Keya Paha County is a different stream than Bear Creek in Cherry County.
R. Denotes relocation.
Supp. S. Denotes additional storage water.
†Reservoir capacity alleged by applicant.
Supp. I. Storage water in addition to direct flow.
*Application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Coon Creek (See Laughing Water Creek)	J. R. Leonard Estate	Bassett	Pump	Irrig.	1.00	24	32	19	Rock	Aug.	17	1933		2344
Coon Creek	J. R. Leonard Estate	Bassett	J. R. Leonard Canal	Irrig.	1.14	24	32	19	Rock	Oct.	19	1940		3301
Coon Creek	Joe Hughes	Bassett	Hughes Canal	Irrig.	.06	25	32	19	Rock	Oct.	21	1940		3302
Cottonwood Creek	Tim Morrissey	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	Martha Marie Lembke	Hemingford	Dunlap Canal	Irrig.	.36	22	29	48	Dawes	July	18	1911		1113
Coyote Springs	Claude R. Watson	Mitchell	Watson Canal	Irrig.	1.41	16	27	54	Sioux	July	7	1934		2418
Coyote Springs	Claude R. Watson	Mitchell	Coyote Spring Reservoir	Storage	†15 AF	16	27	54	Sioux	Apr.	1	1936		2572
Coyote Springs Reservoir	Claude R. Watson	Mitchell	Coyote Springs Canal	Stor-only		16	27	54	Sioux	Apr.	1	1936		2579
Crooked Creek	Otto Mutz	Springview	Mutz Canal	Power	8.00	20	34	19	Keya Paha	Dec.	31	1889	608a	
Crooked Creek	Otto Mutz	Springview	Mutz Canal	Irrig.	1.00	20	34	19	Keya Paha	June	30	1895	608b	
Cross Creek	W. H. Hutchinson	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	S. Josiassin	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
Dorshorst Res.	Louis Dorshorst	Hay Springs	Dorshorst Canal	Stor-only		20	30	45	Sheridan	Nov.	14	1952		5630
Dry Creek	Chris Christensen	Merriman	Dry Creek Canal	Irrig.	.41	18	34	38	Cherry	July	8	1935		2552

Dry Creek	Grace E. Moreland	Merriman	Moreland Canal	Irrig.	.93	16	34	37	Cherry	May	22	1937		2745
Dry Creek (See Bear Creek)	Game, Forestation and Parks Commission	Lincoln	Cottonwood Lake	Fish	†316 AF	16	34	37	Cherry	Feb.	26	1942		3555
Dry Creek, (Horse Shoe Lake Drain)	Game, Forestation and Parks Commission	Lincoln	Shell Lake	Fish	†800 AF	21	34	40	Cherry	June	14	1940		3180
Eagle Creek	Wm. Bokhof	Atkinson	Bokhof Canal	Irrig.	2.86	6	30	13	Holt	Sept.	18	1894	275	
Eagle Creek	J. A. Robertson	Atkinson	Eagle Valley Canal	Irrig.	2.29	1	30	14	Holt	Mar.	15	1895	280	
Eagle Creek, South Branch	Samuel Becker	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	Joe Koenig	Riverview	Pine Grove Lake	Fish	†1 AF	8	31	19	Rock	Apr.	30	1934		2375
Fairfield Creek	Wm. M. Kuhre	Johnstown	Kuhre Plant	Power	25.00	31	33	23	Brown	Sept.	1	1893	612a	
Fairfield Creek	Wm. M. Kuhre	Johnstown	Kuhre Canal	Irrig.	.14	31	33	23	Brown	June	1	1894	612b	
Glencove Springs	Geo. G. Bakewell	Johnstown	Glencove Canal	Irrig.	.86	26	33	24	Brown	Mar.	1	1911		1067
Gordon Creek	Mrs. C. R. Wolfenden	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	Phylander H. Young	Simeon	Young Lake	Resort		24	32	29	Cherry	Sept.	9	1940		3258
Gordon Creek	Gilmore McLeod	Brownlee	McLeod Canal	Irrig.	.82	6	29	30	Cherry	Dec.	22	1949		4554
Gordon Creek	Lizzie M. Wolfenden	Kennedy	Wolfenden Canal	Irrig.	1.56	6	29	33	Cherry	Dec.	1	1950		4771
Gordon Creek	Lizzie M. Wolfenden	Kennedy	Lee Canal	Irrig.	1.20	6	29	33	Cherry	June	12	1951		4872
Gordon Creek	W. W. Piercy	Kennedy	Piercy Canal	Irrig.	1.35	6	29	30	Cherry	Apr.	6	1951		4838
Gordon Creek	D. Jason Cole	Merriman	Cole-Gordon Canal	Irrig.	2.24	1	29	34	Cherry	Dec.	21	1951		4920

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Gordon Valley Reservoir	Fawn Lake Ranch Co.	Rushville	Gordon Valley Canal	Stor-only		3	28	39	Cherry	July	27	1940		3427
Ground Water	George Newswanger	Alliance	Newswanger Well No. 3	Irrig.		35	28	47	Box Butte	Nov.	18	1947		4149*
Ground Water	E. L. Newswanger	Alliance	Newswanger Well No. 2	Irrig.		34	26	47	Box Butte	Nov.	18	1947		4150*
Ground Water	E. L. Newswanger	Alliance	Newswanger Well No. 1	Irrig.		34	26	47	Box Butte	Nov.	18	1947		4151*
Ground Water	Kenneth E. Banks	Alliance	Banks Well	Irrig.		4	26	48	Box Butte	Jan.	3	1949		4413*
Ground Water	Kenneth E. Beckhoff	Alliance	Beckhoff Well	Irrig.		11	26	47	Box Butte	Mar.	31	1950		4631*
Ground Water	Frank Dee	Hemingford	Dee Well	Irrig.		12	27	49	Box Butte	Oct.	20	1950		4759*
Ground Water	Frank Dee	Hemingford	Dee Well	Irrig.		12	27	49	Box Butte	Jan.	10	1951		4787*
Ground Water	Cherry and Cherry	Agate	Cherry Well	Irrig.		33	28	55	Sioux	May	10	1951		4858*
Ground Water	T. F. Armstrong	Omaha	Armstrong Well	Irrig.		3	27	49	Box Butte	Sept.	19	1951		4910*
Ground Water	Frank Harris	Marsland	Harris Well	Irrig.		5	28	54	Sioux	Mar.	24	1952		4952*
Ground Water	E. R. Cherry	Agate	Cherry Well No. 2	Irrig.		32	28	55	Sioux	Apr.	28	1952		4964*
Ground Water	Clarke D. Hickey	Marsland	Hickey Well	Irrig.		6	28	54	Sioux	May	7	1952		4967*
Ground Water	Frank Dee	Hemingford	Dee Well	Irrig.		12	27	49	Box Butte	Sept.	25	1952		5034*
Ground Water	Harold N. Jessen	Ainsworth	Jessen Well	Irrig.		18	30	22	Brown	Sept.	25	1952		5035*
Ground Water	John H. Wheeler	Marsland	Wheeler Well	Irrig.		20	28	53	Sioux	Oct.	30	1952		5060*
Ground Water	R. L. Sorensen	Creighton	Sorensen Well	Irrig.		21	29	6	Knox	Jan.	2	1953		5122*
Ground Water	Wm. L. Leisge	Stuart	Leisge Well	Irrig.		24	31	15	Holt	Feb.	6	1953		5149*
Ground Water	Leonard J. Wagner	Creighton	Wagner Well	Irrig.		22	29	6	Knox	Apr.	8	1953		5250*
Ground Water	Leonard J. Wagner	Creighton	Wagner Well	Irrig.		22	29	6	Knox	Apr.	8	1953		5251*
Ground Water	Charles T. McKnight	Marsland	McKnight Well	Irrig.		35	28	55	Sioux	Apr.	15	1953		5266*
Ground Water	Tony Mudloff	Page	Mudloff Well	Irrig.		9	28	9	Holt	May	1	1953		5305*
Ground Water	Gene Mudloff	Page	Mudloff Well	Irrig.		32	29	9	Holt	May	20	1953		5325*
Ground Water	T. R. Magowan	Gordon	Magowan Well	Irrig.		13	33	42	Sheridan	June	1	1953		5336*
Ground Water	Dan Mudloff	Page	Mudloff Well	Irrig.		9	28	9	Holt	June	8	1953		5348*

Ground Water	Fred W. Schmidt	Gordon	Schmidt Well	Irrig.		7	33	41	Sheridan	Oct.	13	1953		5639*
Ground Water	Wm. A. Christians	Hay Springs	Christians Well	Irrig.		8	30	45	Sheridan	Mar.	9	1954		6045*
Ground Water	Wm. A. Christians	Hay Springs	Christians Well	Irrig.		8	30	45	Sheridan	Mar.	9	1954		6046*
Ground Water	Wm. A. Christians	Hay Springs	Christians Well	Irrig.		8	30	45	Sheridan	Mar.	9	1954		6047*
Ground Water	Ben Whitney	Hay Springs	Whitney Well	Irrig.		19	30	45	Sheridan	Mar.	30	1954		6142*
Ground Water	Walter J. Barnes	Hay Springs	Barnes Well	Irrig.		3	29	46	Sheridan	July	20	1954		6440*
Ground Water	William A. Scheinost	Page	Scheinost Well	Irrig.		30	29	9	Holt	Aug.	14	1954		6610*
Ground Water	Blanche K. Parsons	Harrison	Parsons Well	Irrig.		7	30	56	Sioux	Aug.	27	1954		6658*
Ground Water	Leon A. Ditsch	Alliance	Ditsch Well	Irrig.		9	26	47	Box Butte	Sept.	28	1954		6708*
Hay Creek	Louis E. Laughlin	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 Creek	Carl Powell	Cody	Pumps	Irrig.	.75	26	35	34	Cherry	Mar.	14	1953		5206
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	†890 AF	29	31	45	Sheridan	May	20	1935		2549
Hay Springs Cr., North Branch	Game, Forestation and Parks Commission	Lincoln	Walgren Lake	Supp. S.	A-2549	19	31	45	Sheridan	Dec.	15	1939		3053
Hay Springs Cr., Ravine, Trib. to	Laverne Linden	Hay Springs	Linden Reservoir	Storage	†49 AF	1	31	46	Sheridan	Nov.	26	1948		4378
Heckel Creek	Paul Metzger	Merriman	Metzger Project No. 1	Irrig.	.71	26	35	38	Cherry	Mar.	21	1938		2851
Heckel Creek	Paul Metzger	Merriman	Metzger Project No. 2	Irrig.	.14	23	35	38	Cherry	Mar.	21	1938		2852
Holt Creek	F. J. Schoettger	Burton	Schoettger Canal	Irrig.	.14	32	35	20	Keya Paha	Feb.	23	1895	595	
Holt Creek, East	J. W. Akers	Springview	Akers Canal	Irrig.	.14	1	34	21	Keya Paha	Aug.	1	1894	611	
Horse Head Creek	A. Bruce	Norden	Bruce Canal	Irrig.	.17	16	33	24	Keya Paha	Sept.	7	1895		149

Stor-only. Land does not have a direct flow appropriation.
*Application not approved.
†Reservoir capacity alleged by applicant.
Supp. S. Denotes additional storage water.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Scc.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Horse Head Creek, Trib. to	C. K. Conger	Norden	Conger Canal	Irrig.	.10	5	33	24	Keya Paha	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
Huggins Creek	H. K. Soper	Burton	Soper Canal	Irrig.	.14	21	35	20	Keya Paha	Nov.	6	1894	592	
Hull Lake, Springs, Trib. to	Game, Forestation and Parks Commission	Lincoln	Hull Lake Reservoir	Storage	†32 AF	6	33	13	Boyd	Feb.	15	1950		4598
Hull Reservoir	Loyd L. Hull and Son	Gordon	Hull Reservoir Canal	Stor-only		22	33	42	Sheridan	Feb.	17	1953		5614
Jewett Creek	C. P. Jewett	Meadville	B. L. Canal	Irrig.	.71	5	32	21	Keya Paha	Oct.	23	1894	590	
Johndreau Creek	V. L. Reynolds	Gordon	Reynolds Reservoir	Fish	†5 AF	31	31	41	Sheridan	Mar.	25	1952		4954
Keyapaha River	J. C. Yocum	Butte	Yocum Canal	Irrig.	1.14	23	34	15	Boyd	Sept.	7	1894	573	
Keyapaha River	Andrew Bruce and Son	Naper	Bruce Roller Mills	Power	100.00	24	34	16	Boyd	Oct.	5	1903		729
Keyapaha River	James E. Cook	Mills	Pump	Irrig.	.28	3	34	18	Keya Paha	Feb.	24	1948		4211
Keyapaha River	Floyd Burkinshaw, et al	Herrick, S. D.	Pump	Irrig.	.17	15	34	17	Keya Paha	Feb.	7	1950		4587
Keyapaha River	Wayne Kibby	Butte	Pumps	Irrig.	.86	14	34	15	Boyd	Apr.	6	1953		5245
Keyapaha River	Elof Erickson	Naper	Pumps	Irrig.	.80	26	34	16	Boyd	May	21	1953		5327
Keyapaha River	R. H. Breyer	Naper	Pumps	Irrig.	1.22	19	34	14	Boyd	June	4	1954		5344
						24	34	15	Boyd	June	4	1954		5344
Kibby Creek	Martha J. Green	Hillside	Green Canal	Irrig.	.01	28	34	16	Boyd	Apr.	1	1904		747

Laughing Water Creek (See Coon Creek)	J. R. Leonard Estate	Bassett	Pump	Irrig.	.43	25	32	19	Rock	Aug.	17	1933		2344
Laughing Water Creek	Leonard and Leonard	Bassett	Leonard Canal	Irrig.	.68	24	32	19	Rock	Oct.	31	1940		3320
Linden Reservoir	Laverne Linden	Hay Springs	Linden Canal	Stor-only		1	31	46	Sheridan	Nov.	26	1948		4512
Long Pine Creek	Consumers P. P. Dist.	Columbus	Long Pine Plant	Power	48.00	30	30	20	Brown	Apr.	2	1909		941
Long Pine Creek	Ainsworth Outdoor Club	Ainsworth	Ainsworth Reservoir	Fish	†86 AF	19	29	20	Brown	Sept.	9	1946		3955
Long Pine Creek	Ira H. Moore	Long Pine	Pump	Irrig.		20	29	20	Brown	Mar.	4	1954		6031
Long Pine Creek, Trib. to	C. G. Grant	Long Pine	Grant Canal	Irrig.	.14	4	31	20	Rock	Jan.	1	1895	400	
Louse Creek	Clay Mashino	Lynch	Lansberry Canal	Irrig.	.50	12	32	10	Holt	Sept.	18	1930		2166
Meglin Creek	Clarence H. Kibby	Naper	Kibby Reservoir	Storage	†15 AF	21	34	16	Boyd	June	14	1949		4481
Merriman Creek, West Branch	Joseph D. Ehrenberg	Creighton	Pump	Irrig.	.49	12	28	7	Antelope	Jan.	5	1954		5847
Merriman Creek, West Branch	Joseph D. Ehrenberg	Creighton	Pump	Irrig.	.43	12	28	7	Antelope	Aug.	10	1954		6579
Middle Cr., E.B.	M. W. McGuire	Norden	McGuire Canal	Irrig.	.71	32	33	23	Keya Paha	June	1	1884	606	
Middle Cr., W.B.	M. M. Allen	Norden	Allen Canal	Irrig.	.50	29	33	23	Keya Paha	June	1	1891	616	
Middle Cr., W.B.	M. M. Allen	Norden	Allen Canal	Irrig.	1.00	29	33	23	Keya Paha	May	2	1904		753
Mile Board Lake	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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Minnechaduza Cr.	Game, Forestation and Parks Commission	Lincoln	Valentine Lake	Fish	†98 AF	30	34	27	Cherry	July	15	1938		2878
Minnechaduza Cr.	Henry A. Fox	Kilgore	Fox Reservoir No. 4	Storage	†14 AF	1	34	31	Cherry	Nov.	21	1949		4533
Minnechaduza Cr., Ravine, Trib. to	Henry A. Fox	Kilgore	Fox Reservoir No. 2	Storage	†24 AF	1	34	31	Cherry	Nov.	21	1949		4534
Niobrara River	Mrs. Wiley Richardson	Harrison	Lakatoh Canal	Irrig.	5.85	1	30	57	Sioux	Oct.	1	1883	554	
Niobrara River	Joe Nunn	Artesia, N. M.	Earnest Canal No. 1	Irrig.	2.86	9	29	56	Sioux	May	1	1885	514a	
	Peter Nunn	Harrison												
Niobrara River	A. Bruce	Norden	Bruce Mill	Power	60.00	16	33	24	Keya Paha	Apr.	1	1886	610	
Niobrara River	J. H. Cook	Agate	McGinley-Stover North Canal	Irrig.	8.21	25	29	56	Sioux	May	1	1887	513a	
Niobrara River	H. G. Furman, Jr.	Marsland	Pioneer Canals	Irrig.	7.14	36	29	51	Dawes	Aug.	1	1887	442a	
Niobrara River	Orville T. Wilkins, et al	Marsland	McLaughlin Canal	Irrig.	7.14	9	28	52	Box Butte	May	1	1888	566	
Niobrara River	J. H. Cook	Agate	McGinley-Stover South Canal	Irrig.	1.71	25	29	56	Sioux	May	1	1890	513b	
Niobrara River	John Hughes	Marsland	Hughes Canal	Irrig.	.57	1	28	52	Box Butte	May	31	1890	987a	
Niobrara River	Joe Nunn	Artesia, N. M.	Earnest Canal No. 2	Irrig.	2.14	9	29	56	Sioux	May	15	1891	514b	
	Peter Nunn	Harrison												
Niobrara River	J. H. Cook	Agate	Cook South Canal No. 1	Irrig.	2.31	2	28	56	Sioux	May	31	1891	980	
			McGinley-Stover North and Cook Canal No. 2	Irrig.	1.23	25	29	56	Sioux	May	31	1891	980	
Niobrara River	Don H. Ellicott, et al	Harrison	Bigelow-Seymour Canal	Irrig.	1.20	19	31	57	Sioux	June	8	1891	510	
Niobrara River	Elzy Hoover	Harrison	Pumps	Irrig.	1.20	21	31	57	Sioux	June	8	1891	510R	
Niobrara River	Oscar Skavdahl, et al	Harrison	Harris-Neece Canal	Irrig.	8.57	3	28	55	Sioux	July	1	1892	517	
Niobrara River	H. G. Furman, Jr.	Marsland	Pioneer South 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	Frank J. Green Estate	Boulder, Colo.	Meridian Canal	Irrig.	.57	25	29	50	Dawes	Jan.	10	1894	459	
Niobrara River	Geo. L. Taylor Estate	Nonpariel	Enterprise Canal	Irrig.	5.71	27	29	50	Dawes	Jan.	27	1894	461	
Niobrara River	Willis B. Furman	Marsland	Furman Canal	Irrig.	3.64	29	29	50	Dawes	Feb.	2	1894	462	
Niobrara River	John Hughes	Marsland	Hughes Canal	Irrig.	.30	1	28	52	Box Butte	Apr.	15	1894	987b	
Niobrara River	Blanche K. Parsons	Harrison	Johnson Canal	Irrig.	2.09	35	31	57	Sioux	May	1	1894	511	
Niobrara River	J. T. McMannis, et al	Hemingford	McMannis-Neeland Canal	Irrig.	.86	29	29	49	Dawes	June	15	1894	463	
Niobrara River	S. J. McCully	Carns	McCully Canal	Irrig.	8.57	25	32	20	Keya Paha	Aug.	7	1894	583	
Niobrara River	Chas. Fienken	Dustin	Fienken Canal	Irrig.	1.00	12	33	16	Boyd	Oct.	1	1894	575	
Niobrara River	J. A. Wilson	Springview	Wilson Canal	Irrig.	5.71	18	32	21	Keya Paha	Oct.	18	1894	591	
Niobrara River	Chas. G. Iodence	Hemingford	Lichte Canal	Irrig.	1.43	27	29	48	Dawes	Jan.	24	1895	479	
Niobrara River	Hannah Warneke	Omaha	Warneke Canal	Irrig.	1.57	27	31	57	Sioux	Feb.	13	1895	505	
Niobrara River	J. H. Cook	Agate	McGinley-Stover Upper Canal	Irrig.	2.86	23	29	56	Sioux	Feb.	25	1895	521	
Niobrara River	Frank Harris	Marsland	LaBelle Canal	Irrig.	2.00	6	28	54	Sioux	Mar.	12	1895	518	
Niobrara River	Willis B. Furman	Marsland	Snow Canal	Irrig.	2.86	35	29	51	Dawes	Mar.	26	1895	485	
Niobrara River	Orville T. Wilkins, et al	Marsland	Excelsior Canal	Irrig.	2.86	10	28	52	Box Butte	May	15	1895	568	
Niobrara River	Ruby A. Mann, et al	Harrison	Bourret Canal	Irrig.	2.00	33	30	56	Sioux	June	8	1895		4
Niobrara River	John S. Bourret	Harrison	Bourret South Canal	Irrig.	1.16	29	30	56	Sioux	June	10	1895		5
Niobrara River	Frank Harris	Marsland	LaBelle Canal	Irrig.	3.14	6	28	54	Sioux	July	3	1895		60
Niobrara River	Claud E. Todd	Alliance	Moore Canal	Irrig.	5.71	9	28	53	Sioux	July	22	1895		88
Niobrara River	Davison and Sandoz	Marsland	Mettlen Canal	Irrig.	4.90	4	28	54	Sioux	Apr.	27	1896		292
Niobrara River	Sarah J. Neeland	Hemingford	McMannis-Neeland Canal	Irrig.	1.07	29	29	49	Dawes	Apr.	9	1898		448
Niobrara River	T. S. Armstrong	Butte	Armstrong Plant	Power	150.00	9	33	13	Boyd	May	14	1898		452
Niobrara River	Jas. A. Hunter	Alliance	Meridian Canal	Irrig.	5.14	25	29	50	Dawes	Aug.	29	1898		469
Niobrara River	J. S. Bourret	Harrison	Bourret Canal	Irrig.	1.00	29	30	56	Sioux	Mar.	5	1900		542
Niobrara River	Mrs. Wiley Richardson	Harrison	J. S. Bourret Canal	Irrig.	2.00	19	30	56	Sioux	Mar.	17	1900		546
Niobrara River	James H. Montague	Hemingford	Montague Canal	Irrig.	.48	27	29	48	Dawes	Sept.	27	1900		575
Niobrara River	Elizabeth Montague	Hemingford	Montague Canal	Irrig.	.30	27	29	48	Dawes	Mar.	18	1901		607R
Niobrara River	Bina Wade	Hemingford	Fendrich Canal	Irrig.	.29	32	29	48	Dawes	June	1	1901		616
Niobrara River	Bina Wade	Hemingford	Fendrich Canal	Irrig.	.27	32	29	48	Dawes	June	1	1901		617
Niobrara River	Consumers P. P. Dist.	Columbus	Valentine Plant	Power	1600.00	27	34	27	Cherry	Jan.	29	1902		652

†Reservoir capacity alleged by applicant.
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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Niobrara River and Pepper Cr.	D. T. Taylor	Hay Springs	Taylor Canal	Irrig.	4.57	28	29	47	Dawes	Aug.	8	1904		766
Niobrara River	E. L. Kirk	Sioux City, Ia.	Nebr. Power Co. Plant	Power	900.00	34	32	7	Knox	Sept.	24	1909		961
Niobrara River	E. L. Kirk	Sioux City, Ia.	Nebr. Power Co. Plant	Power	700.00	34	32	7	Knox	Aug.	9	1910		1019
Niobrara River	Ruby A. Mann	Harrison	Beiser Canal	Irrig.	.50	4	29	56	Sioux	Jan.	23	1911		1056
Niobrara River	Ruby A. Mann	Harrison	Bourret Canal	Irrig.	.75	33	30	56	Sioux	Jan.	23	1911		1057
Niobrara River	Chas. G. Iodence	Hemingford	Lichte Canal	Irrig.	2.25	27	29	48	Dawes	Apr.	7	1911		1086
Niobrara River	Camille Dierex	Rushville	Camille Canal	Irrig.	1.53	19	30	43	Sheridan	Apr.	10	1911		1087
Niobrara River	Joe Kriz	Hemingford	Lichte Canal	Irrig.	.71	27	29	48	Dawes	Apr.	19	1911		1088
Niobrara River	Charles L. Iodence	Hemingford	Lichte Canal	Irrig.	.24	27	29	48	Dawes	Jan.	2	1912		1152
Niobrara River	John Bourret	Harrison	Bourret Canal No. 1	Irrig.	.11	29	30	56	Sioux	Mar.	25	1912		1188
Niobrara River	Harry E. Wells	Butte	Pump	Irrig.	1.64	32	32	40	Cherry	May	2	1912		1193
Niobrara River	John Bourret	Harrison	Bourret Canal No. 2	Irrig.	.21	29	30	56	Sioux	July	19	1912		1209
Niobrara River	F. B. Davison, et al	Marsland	Mettlen Canal	Irrig.	.75	4	28	54	Sioux	Dec.	18	1912		1248
Niobrara River	F. B. Davison, et al	Marsland	Bennett Canal	Irrig.	3.45	1	28	54	Sioux	Dec.	18	1912		1249
Niobrara River	Esther N. Bushnell	Alliance	Geo. Hitshew Canal	Irrig.	6.00	6	28	52	Box Butte	Feb.	17	1913		1260
Niobrara River	Joe Nunn Peter Nunn	Artesia, N. M. Harrison	Coffee Canal No. 3	Irrig.	1.46	9	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	Fred B. Davison	Marsland	Davison Canal	Irrig.	.21	12	28	54	Sioux	Apr.	27	1922		1662
Niobrara River (See A-3574)	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	Geo. E. Sandoz	Milan, Minn.	Mettlen Canal	Irrig.	1.14	4	28	54	Sioux	Oct.	13	1931		2244
Niobrara River	D. L. Kay	Marsland	Kay Canal No. 2	Irrig.	.43	9	28	53	Sioux	Oct.	15	1931		2245

Niobrara River	D. L. Kay	Marsland	Kay Canal	Irrig.	3.14	1	28	54	Sioux	Nov.	18	1931	2250
Niobrara River	John R. Hughes	Marsland	Excelsior Canal	Irrig.	1.92	10	28	52	Box Butte	Mar.	28	1932	2264
Niobrara River	Sarah E. Hucke	Hemingford	Montague Canal	Irrig.	1.76	28	29	48	Dawes	Mar.	31	1932	2266
Niobrara River	Frank Harris, et al	Marsland	Harris-Neece Canal	Irrig.	7.27	3	28	55	Sioux	July	11	1932	2275
Niobrara River	Claud Nellis	Monowi	Pump	Irrig.	.09	2	32	9	Boyd	Apr.	24	1933	2319
Niobrara River	Chas. L. Iodence	Hemingford	Lichte Canal	Irrig.	2.95	27	29	48	Dawes	Mar.	2	1935	2523
Niobrara River	Mrs. Mary Johndreau	Gordon	Pumps	Irrig.	.96	24	31	42	Sheridan	Aug.	9	1935	2555
Niobrara River	John Potmesil	Hemingford	Potmesil Canal	Irrig.	6.76	26	29	48	Dawes	Oct.	29	1935	2566
Niobrara River	Earl Woodhouse	Gordon	Pump	Irrig.	.34	17	31	41	Sheridan	Apr.	25	1936	2623
Niobrara River	Harry J. Kuchera	Rushville	Pump	Irrig.	.90	32	30	44	Sheridan	Nov.	6	1936	2654
Niobrara River	U. S. Bureau of Reclamation	Denver, Colo.	Mirage Flats Canal	Irrig.	158.38	26	29	48	Dawes	Jan.	25	1937	2683
Niobrara River (See A-3456)	U. S. Bureau of Reclamation	Denver, Colo.	Box Butte Reservoir	Storage	†15,000 AF	28	29	49	Dawes	Mar.	6	1937	2709a
						33	29	49	Dawes	Mar.	6	1937	2709a
Niobrara River	Martha Marie Lembke	Hemingford	Montague Canal	Irrig.	.29	27	29	48	Dawes	June	14	1937	2754
Niobrara River	Charles L. Iodence	Hemingford	Lichte Canal	Irrig.	1.46	27	29	48	Dawes	Feb.	11	1938	2837
Niobrara River	Charles L. Iodence	Hemingford	Pump	Irrig.	1.64	26	29	48	Dawes	Feb.	11	1938	2838
Niobrara River	Vac C. Liska	Niobrara	Pump	Irrig.	.35	17	32	6	Knox	June	19	1939	2930
Niobrara River	Charles S. Dalton, et al	Niobrara	Pump	Irrig.	15.47	2	31	7	Knox	Sept.	21	1939	2968
Niobrara River	F. E. Mensinger	Merriman	Pump	Irrig.	1.54	29	33	37	Cherry	Feb.	27	1941	3404
Niobrara River	Fred Hrbek	Monowi	Pump	Irrig.	.03	2	32	9	Boyd	June	12	1941	3449
Niobrara River (See A-2709a)	U. S. Bureau of Reclamation	Denver, Colo.	Box Butte Reservoir	Storage	†32,670 AF	28	29	49	Dawes	June	24	1941	3456
						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	Charles L. Iodence	Hemingford	Lichte Canal	Irrig.	.66	27	29	48	Dawes	Dec.	28	1942	3592
Niobrara River	U. S. Bureau of Reclamation	Denver, Colo.	Mirage Flats Canal	Irrig.	40.46	26	29	48	Sheridan	May	18	1944	3729
Niobrara River	H. G. Furman	Marsland	Pioneer Canal No. 2	Irrig.	.78	36	29	51	Dawes	Mar.	8	1945	3812
Niobrara River	Montague and Kriz	Hemingford	Montague Canal	Irrig.	.60	27	29	48	Dawes	July	11	1946	3923
Niobrara River	Joe J. Connot	Valentine	Pump	Irrig.	.53	22	34	26	Cherry	Dec.	23	1948	4406
Niobrara River	Joe J. Connot	Valentine	Pump	Irrig.	.57	21	34	26	Cherry	June	2	1949	4476

†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Niobrara River	Rosa Moosman	Valentine	Pump	Irrig.	.96	25	33	29	Cherry	Jan.	3	1950		4562
Niobrara River	H. G. Furman	Marsland	Pioneer Canal No. 8	Irrig.	.21	30	29	50	Dawes	Feb.	16	1950		4599
Niobrara River	A. Allen Parker	Gordon	Pump	Irrig.	1.79	18	31	41	Sheridan	Feb.	23	1950		4603
Niobrara River	Peter Weyers	Hay Springs	Pump	Irrig.	.71	11	29	45	Sheridan	July	1	1950		4717
Niobrara River	Monahan Cattle Co.	Hyannis	Pump	Irrig.	8.15	5	28	51	Box Butte	Oct.	19	1950		4758
Niobrara River	Esther N. Bushnell	Alliance	Hitshew Canal No. 2	Irrig.	.60	6	28	52	Box Butte	May	17	1951		4862
Niobrara River	L. Homrighausen	Marsland	Pump	Irrig.	2.50	9	28	52	Box Butte	June	4	1951		4869
Niobrara River	Furman and Furman	Marsland	North Pioneer Canal	Irrig.	2.74	36	29	51	Dawes	Aug.	11	1952		5010
Niobrara River	Leo Furman	Rushville	Pump	Irrig.	.46	36	31	43	Sheridan	Aug.	11	1952		5013
Niobrara River	John Wm. Sesler	Nenzel	Pump	Irrig.	.41	25	33	33	Cherry	Dec.	15	1952		5112
Niobrara River	C. N. Taylor	Marsland	Enterprise Canal	Irrig.	1.10	27	29	50	Dawes	Feb.	24	1953		5181
Niobrara River	Stanley Budd	Rushville	Pumps	Irrig.	.30	17	30	43	Sheridan	Aug.	12	1953		5467
Niobrara River	Christian Milo Housh	Hay Springs	Pump	Irrig.	2.64	24	29	46	Sheridan	Sept.	1	1953		5531
Niobrara River	Geo. H. Hoffman	Agate	Pumps	Irrig.	1.24	3	28	55	Sioux	Dec.	7	1953		5772
Niobrara River	Elmer E. Sturgeon	Hay Springs	Pump	Irrig.	1.46	20	29	45	Sheridan	Jan.	4	1954		5840
Niobrara River	Jay E. Heigh	Sparks	Pump	Irrig.		17	33	24	Keya Paha	Apr.	23	1954		6238
Niobrara River	F. E. Mensinger	Merriman	Pump	Irrig.		28	33	37	Cherry	June	21	1954		6370
Niobrara River, Trib. to	Lee Potter	Valentine	Pumps	Irrig.	.93	21	34	26	Cherry	June	22	1953		5359
Niobrara River, Trib. to	Lee Potter	Valentine	Potter Reservoir	Storage	†12 AF	21	34	26	Cherry	June	22	1953		5360
Niobrara River, Ravine, Trib. to	Otto Anderson	Hay Springs	Anderson Reservoir	Storage	†20 AF	2	29	47	Dawes	Oct.	16	1940		3297
Niobrara River, Ravine, Trib. to	Harold A. Wilson	Harrison	Wilson Reservoir	Storage	†7 AF	27	33	57	Sioux	Nov.	26	1940		3337
Niobrara River, Ravine, Trib. to	Leonard Peters	Hay Springs	Peters Reservoir	Storage	†4 AF	11	29	45	Sheridan	Dec.	1	1949		4540
Niobrara River, Ravine, Trib. to	Otto Anderson	Hay Springs	Anderson Reservoir	Storage	†157 AF	26	31	47	Dawes	Apr.	18	1950		4644

Niobrara River, Ravine, Trib. to	Chas. L. Cook	Mariaville	Cook Reservoir	Storage	†12 AF	4	32	17	Rock	Aug.	3	1950		4731
Peters Reservoir	Leonard Peters	Hay Springs	Pump	Stor-only		11	29	45	Sheridan	Dec.	1	1949		4727
Pine Creek	Lewis Colclesser	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	R. Wilbert	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
Plum Creek, Ravine, Trib. to	Lee L. Schlueter	Woodlake	Schlueter Reservoir	Storage	†20 AF	35	30	26	Cherry	Dec.	22	1950		4781
Pole Creek	Julian and Wells	Gordon	Pole Creek Canal	Irrig.	.57	28	32	40	Cherry	June	29	1905		799
Red Bird Creek	G. W. Mellor Estate	Red Bird	Pump	Irrig.	.32	14	32	10	Holt	Oct.	24	1940		3308
Richman Creek	Mrs. W. W. Byington	Riverview	Byington Canal	Irrig.	1.00	22	32	20	Keya Paha	May	19	1891	582	
‡Rock Creek	B. J. Eastlick	Carns	Necessity Canal	Irrig.	.36	29	32	18	Rock	Jan.	17	1895	395	
Rock Creek	H. Wile	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	Roy A. Foxworthy	Bassett	Pump	Irrig.		29	32	18	Rock	May	3	1954		6276
‡Rock Creek	J. Van Koten	Springview	Van Koten Canal	Irrig.	.07	25	33	22	Keya Paha	Jan.	1	1885	619	
Rock Springs Cr.	Albert B. Chase	Meadville	Moore Canal	Irrig.	1.43	12	32	22	Keya Paha	June	30	1887	593	
Rush Creek	Leo Furman	Rushville	Pump	Irrig.	1.54	35	31	43	Sheridan	Aug.	11	1952		5012
Rush Creek	Brown Bros.	Rushville	Brown Canal	Irrig.	1.14	33	31	43	Sheridan	Sept.	22	1953		5590
Rush Creek	Stanley Budd	Rushville	Pump	Irrig.	1.30	24	31	44	Sheridan	Jan.	29	1954		5908

†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.
‡Rock Creek in Rock County is a different stream than Rock Creek in Keya Paha County.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Sand Creek	Gardie M. Peacock	Newport	Peacock Canal	Irrig.	.02	35	32	18	Rock	Nov.	14	1929		2112
Sand Creek	Clay Mashino	Lynch	Pump	Irrig.	.57	6	32	9	Holt	Dec.	15	1934		2499
Sand Creek	Gardie M. Peacock	Newport	Peacock Reservoir	Storage	†1 AF	35	32	18	Rock	Aug.	30	1948		4333
Schlegel Creek	Ralph A. Baker	Valentine	Pump No. 1	Irrig.	11.90	5	31	28	Cherry	Apr.	21	1950		4648
Schlegel Cr., East	Ralph A. Baker	Valentine	Pump No. 2	Irrig.	15.11	9	31	28	Cherry	Apr.	21	1950		4649
Schlegel Cr., West	Ralph A. Baker	Valentine	Pump No. 3	Irrig.	1.69	21	31	28	Cherry	Apr.	21	1950		4650
Shobe Branch	A. J. Lamb	Spencer	Lamb Canal	Irrig.	.14	30	33	11	Holt	July	6	1896		322
Snake River	Ainsworth Irrigation District	Ainsworth	Ainsworth Canal	Irrig.		29	31	30	Cherry	Mar.	26	1953		5218*
Soldier Creek	Leonard Vonasek	Verdel	Vonasek Reservoir	Storage	†28 AF	11	31	8	Knox	Jan.	9	1953		5128
Snider Creek	W. C. Pickler	Springview	Old Canal	Irrig.	.01	31	33	19	Keya Paha	May	1	1894	607	
Spotted Tail Cr.	J. G. Rhodes	McLean	Spotted Tail Canal	Irrig.	.07	4	34	17	Keya Paha	May	17	1895	601	
Spotted Tail Cr., Branch of	Leon Richardson	Brocksburg	Richardson Reservoir	Storage		34	35	17	Keya Paha	July	17	1954		6431
‡Spring Creek	A. K. Kuskie	Sparks	Garden Canal	Irrig.	.09	27	34	25	Cherry	Mar.	30	1900		555
Spring Creek	Seymour B. Scott	Valentine	Pump	Irrig.		20	34	27	Cherry	June	7	1954		6360
‡Spring Creek	H. H. Baker	Mills	Horse Shoe Lake	Fish	†16 AF	4	34	18	Keya Paha	May	10	1934		2380
‡Spring Creek	Billy Schaaf	Red Bird	Spinar Canal	Irrig.	.29	1	32	11	Holt	Feb.	25	1935		2519
‡Spring Creek	Everett E. Smith	Naper	Smith Canal	Irrig.	.16	26	34	16	Boyd	July	26	1940		3217
‡Spring Creek	Jay Marcy	Hay Springs	Marcy Canal	Irrig.	3.37	27	30	45	Sheridan	Aug.	28	1950		4741
Spring Creek	Jay Marcy	Hay Springs	Marcy Reservoir	Storage	†8 AF	27	30	45	Sheridan	Oct.	20	1952		5045

Spring Creek	Louis Dorshorst	Hay Springs	Dorshorst Reservoir	Storage	†12 AF	20	30	45	Sheridan	Nov.	14	1952		5069
Springs, Lewis	Ralph Lewis	Burton	Lewis Canal	Irrig.	.14	29	35	19	Keya Paha	Aug.	30	1895		139
Springs, Prouty	H. S. Prouty	Spencer	Prouty Canal	Irrig.	1.44	5	32	11	Holt	June	1	1934		2393
Springs, Wrede	John Wrede	Red Bird	Wrede Canal	Irrig.	.31	8	32	10	Holt	July	28	1934		2449
Springs, Spinar	Billy Schaaf	Red Bird	Spinar Canal	Irrig.	.23	1	32	11	Holt	Apr.	9	1935		2535
Steer Creek	Basil Hollers	Cody	Pump	Irrig.	2.86	28	32	34	Cherry	Jan.	25	1954		5891
Turkey Creek	Chas. LaRue	Long Pine	LaRue Canal No. 1	Irrig.	.43	35	33	23	Keya Paha	Feb.	9	1900		539
Turkey Creek	Chas. LaRue	Long Pine	LaRue Canal No. 2	Irrig.	2.00	35	33	23	Keya Paha	May	11	1904		754
Turkey Creek	Solon D. Stuart	Springview	Stuart Canal	Irrig.	.03	23	33	23	Keya Paha	June	14	1934		2408
Turkey Creek	Norman Norwood	Springview	Logan Canal	Irrig.	.03	23	33	23	Keya Paha	Aug.	7	1934		2457
Turkey Creek	Harry M. Bates	Meadville	Pump	Irrig.	.07	36	33	23	Keya Paha	Oct.	29	1934		2489
Turkey Creek, Trib. to	Norman Norwood	Springview	Pump	Irrig.	.01	23	33	23	Keya Paha	Apr.	23	1935		2541
Verdigre Creek	J. W. Hanson	Emmetburg, Iowa	Drayton Canal	Irrig.	2.86	8	28	8	Antelope	Aug.	11	1894	248	
Verdigre Creek	Tony C. Paesl	Verdigre	Pump	Irrig.	.35	8	31	6	Knox	May	21	1953		5326
Verdigre Creek	Alvin E. Fosterman	Verdigre	Pump	Irrig.		20	31	6	Knox	Apr.	1	1954		6160
Verdigre Creek, East	Game, Forestation and Parks Commission	Lincoln	Grove Lake Reservoir	Storage		22	28	7	Antelope	Jan.	2	1952		4928*
Verdigre Creek, Springs, Trib. to	Lydia O. Backers	North Platte	Backers Canal	Irrig.	5.94	15	29	9	Holt	June	15	1942		3577
Verdigre Creek. Springs, Trib. to	Carl L. Sorensen	Creighton	Pump	Irrig.		14	29	6	Knox	May	25	1954		6320

†Reservoir capacity alleged by applicant.
*Application not approved.
‡Each Spring Creek is a different stream.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
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, Ravine, Trib. to	Arlie R. Sorensen	Winnetoon	Sorensen Reservoir	Storage	†62 AF	1	28	7	Knox	Dec.	15	1952		5110
Verdigre Creek, Ravine, Trib. to	Albert Sukup	Verdigre	Albert Sukup Reservoir	Storage		22	30	7	Knox	July	7	1954		6413
Verdigre Creek, Ravine, Trib. to	Carl L. Sorensen	Creighton	Carl Sorensen Reservoir	Storage		14	29	6	Knox	Aug.	16	1954		6621
Vonasek Reservoir	Leonard Vonasek	Verdel	Pump	Stor-only		12	31	8	Knox	Jan.	9	1953		5799
Whistle Creek	Ella Davison	Marsland	Whistle Creek Canal	Irrig.	1.00	12	28	54	Sioux	June	28	1895		58
Whistle Creek	Frank Harris	Marsland	Home Canal	Irrig.	.86	13	28	54	Sioux	July	3	1895		65
Willow Lake	Game, Forestation and Parks Commission	Lincoln	Willow Lake Reservoir	Storage		22	30	28	Cherry	Jan.	17	1951		4789*
Wilson Reservoir	Harold A. Wilson	Harrison	Wilson Canal	Stor-only		27	33	57	Sioux	Nov.	26	1940		3490
Wooden Spring Branch	William E. Snyder	Springview	Snyder Bros. Reservoir	Storage	†12 AF	25	35	20	Keya Paha	Aug.	8	1951		4896
Wyman Creek	R. A. McCully	Carns	McCully Canal	Irrig.	.80	19	32	19	Keya Paha	June	10	1891	604	
Wyman Creek	I. Horton	Carns	Horton Canal	Irrig.	.14	17	32	19	Keya Paha	June	5	1894	587	
Young Creek	A. J. Lamb	Spencer	Harvey-Lamb Canal	Irrig.	.21	32	33	11	Holt	June	13	1896		311

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Ash Creek	W. D. Connell	Whitney	Connell Canal	Irrig.	.68	6	32	50	Dawes	June	17	1898		459
Ash Creek	Gregory R. Cripps	Whitney	Cripps Canal	Irrig.	1.14	18	32	51	Dawes	Dec.	26	1903		785
Ash Creek	W. C. Howard	Whitney	Cripps Canal	Irrig.	.57	18	32	51	Dawes	Aug.	27	1906		835
Ash Creek	Gregory R. Cripps	Whitney	Cripps Reservoir	Storage	†90 AF	12	32	51	Dawes	Sept.	28	1934		2481
Ash Creek	Percy J. Cartwright	Whitney	Pump	Irrig.	.07	7	32	50	Dawes	Mar.	18	1940		3117
Ash Creek	Howard-McCafferty Company	Whitney	Pump	Irrig.	.29	1	32	51	Dawes	Apr.	24	1953		5281
Ash Creek, East	Wm. J. Smith	Whitney	Ox Yoke (Tomlin) Canal	Irrig.	1.38	29	32	50	Dawes	May	31	1880	447R	
Ash Creek, East	Myrtle L. Ivins and Royce Hamm	Crawford Whitney	Stumph Canal	Irrig.	1.00	32	32	50	Dawes	May	31	1880	447R	
Ash Creek, East	Hamm-Norman	Whitney	Barron Canal	Irrig.	1.14	32	32	50	Dawes	July	1	1888	438	
Ash Creek, East	Royce Hamm	Whitney	Stumph Canal	Irrig.	.20	31	32	50	Dawes	Sept.	5	1892	1023½	
Ash Creek, East	Royce Hamm	Whitney	Ox Yoke-Stumph Canal	Irrig.		31	32	50	Dawes				1051*	
Ash Creek, East	Orville R. Ivins Estate	Crawford	Sheldon Canal	Irrig.	1.43	30	32	50	Dawes	Jan.	26	1899		493
Ash Creek, East	Andrew Vetter, Jr.	Whitney	Todd Canal	Irrig.	.38	5	31	50	Dawes	Sept.	12	1899		520
Ash Creek, East and Indian Cr.	Harry Norman	Whitney	Norman Reservoir	Storage	†776 AF	32	32	50	Dawes	Aug.	22	1927		1953
Ash Creek, East	Harry Norman	Whitney	Barron Canal	Irrig.	.89	32	32	50	Dawes	Aug.	15	1928		2024
Ash Creek, East	Olive S. Thomas	Chadron	Thomas Canal	Irrig.	1.00	19	32	50	Dawes	Dec.	17	1928		2057
Ash Creek, East	Cloid Seegrist	Whitney	Seegrist Plant	Power	3.00	8	31	50	Dawes	May	20	1930		2140
Ash Creek, East	Royce Hamm	Whitney	Ox Yoke-Stumph Canal	Irrig.		31	32	50	Dawes	June	6	1931		2205*
Ash Creek, East	Myrtle L. Ivins	Crawford	Ivins Reservoir	Storage	†25 AF	30	32	50	Dawes	Oct.	30	1950		4760
Ash Creek, West	Jos. and Leo Vetter	Crawford	Mace Canal	Irrig.	1.00	2	31	51	Dawes	July	31	1884	428	
Ash Creek, West	Orville R. Ivins Est., et al.	Crawford	West Ash Creek Canal	Irrig.	.40	36	32	51	Dawes	July	4	1893	452	

†Reservoir capacity alleged by applicant.
R. Denotes relocation.
*Claim not adjudicated, or application not approved.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Ash Creek, West	Myrtle L. Ivins, et al	Crawford	West Ash Creek Canal	Irrig.	.80	35	32	51	Dawes	July	4	1893	452R	
Ash Creek, West	Orville R. Ivins Est.	Crawford	Wall Canal	Irrig.	.57	35	32	51	Dawes	Feb.	3	1898		434
Ash Creek, West	Myrtle L. Ivins, et al	Crawford	West Ash Creek Canal	Irrig.	1.31	35	32	51	Dawes	Jan.	6	1941		3362
Ash Creek, West	Earl A. Soester	Crawford	West Ash Creek Canal	Irrig.	3.26	35	32	51	Dawes	Feb.	18	1954		5973
Beaver Creek	Pegues and Henry	Chadron	Lockler Canal	Irrig.	1.83	34	35	47	Dawes	Sept.	15	1892	1017	
Beaver Creek	Pegues and Henry	Chadron	Braddock Canal	Irrig.	.36	18	34	46	Sheridan	Apr.	15	1895	423	
Beaver Creek	J. F. Braddock	Chadron	Braddock Canal	Irrig.	.04	1	34	47	Dawes	Apr.	15	1895	974	
Beaver Creek	J. F. Braddock	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	Elmer F. Cilek	Hay Springs	Rickman Canal	Irrig.	1.00	9	33	46	Sheridan	July	2	1902		681
Beaver Creek	Pegues and Henry	Chadron	Braddock Canal	Irrig.	.39	18	34	46	Sheridan	Sept.	19	1928		2033
Beaver Creek	Pegues and Henry	Chadron	Lockler Canal	Irrig.	.49	34	35	47	Dawes	Sept.	19	1928		2034
Beaver Creek	Frank L. Tulloss	Hay Springs	Tülloss Lake	Fish	†4 AF	3	32	46	Sheridan	May	22	1930		2141
Beaver Creek (See A-6686)	Lester A. Lundy	Hay Springs	Lundy Reservoir	Storage	†222 AF	33	34	46	Sheridan	Feb.	27	1950		4608
Beaver Creek	Harry E. Reeves	Chadron	Pumps	Irrig.	1.53	28	34	46	Sheridan	Jan.	15	1952		4932
Beaver Creek	Gladys Braddock Pegues	Chadron	Isham Reservoir	Storage	†435 AF	18	34	46	Sheridan	Nov.	24	1952		5081
Beaver Creek	Edw. F. Kadlecek	Hay Springs	Kadlecek Reservoir	Storage		34	33	46	Sheridan	June	30	1954		6400
Beaver Creek (See A-4608)	Lester A. Lundy	Hay Springs	Lundy Reservoir	Storage	†47 AF	33	34	46	Sheridan	Sept.	13	1954		6686
Beaver Creek, Lit.	Harry E. Reeves	Chadron	Pump	Irrig.	2.14	28	34	46	Sheridan	Jan.	15	1952		4933
Beaver Creek, Lit.	Harry E. Reeves	Chadron	Reeves Reservoir	Storage	†5 AF	28	34	46	Sheridan	Feb.	9	1953		5154
Benthack Res.	Gus Benthack	Chadron	Benthack Canal	Stor-only		5	33	49	Dawes	May	12	1950		4748
Bordeaux, Big	Pat O'Donnell	Chadron	O'Donnell Canal	Irrig.	.14	9	34	48	Dawes	Jan.	17	1898		432
Bordeaux, Big	Lowell E. Walters	Chadron	Thomas Canal	Irrig.	.16	34	34	48	Dawes	Sept.	12	1924		1748
Bordeaux, Big	Pat O'Donnell	Chadron	O'Donnell Canal	Irrig.	.63	9	34	48	Dawes	Sept.	22	1928		2036

Bordeaux, Big	S. M. Kelso	Chadron	Bell Isle Lake	Fish	†15 AF	23	33	48	Dawes	June	13	1930		2144
Bordeaux, Big	Verner Bass	Chadron	Pump	Irrig.	.10	14	33	48	Dawes	July	24	1930		2151
Bordeaux, Big	Oluffine N. Nelson et al	Chadron	Pump No. 1	Irrig.	.14	14	33	48	Dawes	Aug.	11	1932		2279
Bordeaux, Big	Verner Bass	Chadron	Pump No. 2	Irrig.	.03	14	33	48	Dawes	July	7	1933		2328
Bordeaux, Big	Chris H. Gochnauer Est.	Chadron	Gochnauer Canal	Irrig.	.17	10	33	48	Dawes	July	11	1934		2420
Bordeaux, Big	Paul A. Martens	Chadron	Pump	Irrig.	.21	16	34	48	Dawes	Nov.	16	1937		2801
Bordeaux, Big	Ernest E. Nelson	Chadron	Pump	Irrig.	1.06	14	33	48	Dawes	May	25	1942		3570
Bordeaux, Big	Wilhelm Deist	Chadron	Bass Nursery Canal	Irrig.	1.23	23	33	48	Dawes	Apr.	11	1946		3891
Bordeaux, Big	Richard S. McHenry	Chadron	Pump	Irrig.	1.40	10	33	48	Dawes	June	23	1952		4977
Bordeaux, Big	Mrs. Minnie Pinkerton	Chadron	Pump	Irrig.	1.72	15	33	48	Dawes	Aug.	11	1952		5008
Bordeaux, Big	P. A. Reitz	Chadron	Pump	Irrig.	2.70	3	33	48	Dawes	Jan.	13	1953		5129
Bordeaux, Big	Pat O'Donnell	Chadron	Pump	Irrig.	3.55	9	34	48	Dawes	Mar.	10	1953		5202
Bordeaux, Big	Nick Lecher	Chadron	Pump	Irrig.	.43	34	34	48	Dawes	Aug.	4	1953		5447
Bordeaux, Big	Ray Schommer	Chadron	Pump	Irrig.	1.40	10	33	48	Dawes	Oct.	7	1953		5631
Bordeaux, Big, Ravine, Trib. to	Henry Spalding	Chadron	Pine Springs Reservoir	Domestic	†2 AF	23	32	48	Dawes	Nov.	8	1950		4761
Bordeaux, Little	Elwin Schmidt	Crawford	Hartzell Canal	Irrig.	.57	13	33	48	Dawes	June	1	1893	448	
Bordeaux, Little	C. H. Frady	Chadron	Frady Canal	Irrig.		30	33	47	Dawes				1009*	
Bordeaux, Little	Orla O. Rucker	Chadron	Pump	Irrig.	.60	33	33	47	Dawes	Mar.	22	1951		4825
Chadron Creek	City of Chadron	Chadron	Chadron Water Works	Domestic	1.00	18	32	48	Dawes	Dec.	31	1888	1022	
Chadron Creek	James O. Gorr Estate	Chadron	Gallup Canal	Irrig.	.09	15	33	49	Dawes	Dec.	20	1890	426	
Chadron Creek	H. M. Wilson	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	Warren McMeekin	Chadron	McMeekin Canal	Irrig.	.74	22	33	49	Dawes	Dec.	20	1949		4552
Chadron Creek	Walter Mayfield	Chadron	Mayfield Reservoir	Supp. S. A-4526		23	33	49	Dawes	Apr.	10	1954		6171
Chadron Creek, Ravine, Trib. to	Walter Mayfield	Chadron	Mayfield Reservoir	Storage	†73 AF	23	33	49	Dawes	Oct.	19	1949		4526

R. Denotes relocation.
†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.
*Claim not adjudicated.
Supp. S. Denotes additional storage water.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Charcoal Creek	Roy G. Brown	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		4224*
Cottonwood, Big, Ravine, Trib. to	Tom Moody	Crawford	Hawk Nest Reservoir	Storage	†17 AF	31	34	52	Dawes	Dec.	8	1941		3537
Cottonwood, Big, Ravine, Trib. to	Tom Moody	Crawford	North Draw Reservoir	Storage	†34 AF	32	34	52	Dawes	Dec.	8	1941		3538
Cottonwood, Big, Ravine, Trib. to	Ben Norman	Crawford	Norman Reservoir	Storage	†150 AF	35	34	53	Sioux	July	6	1942		3580
						2	33	53	Sioux	July	6	1942		3580
Cottonwood, Big, Ravine, Trib. to	Bernard Norman	Crawford	Norman Reservoir	Storage	†935 AF	2	33	53	Sioux	Jan.	8	1952		4930
Cottonwood, Big, Ravine, Trib. to	Tom Moody	Crawford	Moody (North Draw) Reservoir No. 2	Storage	†143 AF	29	34	52	Dawes	Sept.	26	1952		5037
Cottonwood, Big, Ravine, Trib. to	David Gobel	Whitney	Gobel Reservoir	Storage		23	33	51	Dawes	Oct.	7	1952		5041*
Cottonwood, Lit.	Chester W. Golden	Crawford	Stuart Bros. South Canal	Irrig.	.36	18	32	52	Dawes	Dec.	21	1890	425	
Cottonwood, Lit.	J. A. B. Price	Crawford	Stuart Bros. North Canal	Irrig.	1.43	18	32	52	Dawes	June	10	1895		8
Cottonwood, Lit.	Chester W. Golden	Crawford	Stuart Bros. South Canal	Irrig.	1.43	18	32	52	Dawes	June	10	1895		8R
Cottonwood, Lit.	Frank E. Dahlheimer	Crawford	Dunn Canal	Irrig.	1.43	9	32	52	Dawes	Jan.	14	1902		649
Cottonwood, Lit.	John R. Erickson	Crawford	Stewart-Maple Canal	Irrig.	.70	3	32	52	Dawes	Mar.	10	1902		656
Cottonwood, Lit.	Vera Hanks, et al	Chadron	Kusel-Spearman Canal	Irrig.	.71	8	32	51	Dawes	June	30	1902		677
Cottonwood, Lit.	Fay Lawrence	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.	Raner Simons	Whitney	Simons Canal	Irrig.	.77	9	32	51	Dawes	Feb.	12	1934		2363
Cottonwood, Lit.	Whitney Irrig. District	Crawford	Simmons Reservoir	Supp. S. A-1603	†317 AF	7	32	51	Dawes	Aug.	11	1936		2607
Cottonwood, Lit., Ravine, Trib. to	Ralph L. Speas	Crawford	Speas Reservoir	Storage	†14 AF	8	32	52	Sioux	Sept.	8	1951		4905

Cripps Reservoir	Gregory R. Cripps	Whitney	Pump	Stor-only		12	32	51	Dawes	Sept.	28	1934		2571
Cuff Canyon	Warren Sanders	Chadron	Sanders Canal	Irrig.	.07	5	31	49	Dawes	Nov.	2	1932		2290
Dead Horse Creek	Edw. A. Schumacher	Chadron	Kemery Canal	Irrig.	.01	5	31	49	Dawes	Sept.	1	1880	493	
Dead Horse Creek	F. B. Woodruff, et al	Chadron	Flag Butte Canal	Irrig.	.03	32	32	49	Dawes	Apr.	10	1891	427	
Dead Horse Creek	White and White	Chadron	Pumps	Irrig.	.56	32	33	49	Dawes	Apr.	6	1904		749R
					.44	31	33	49	Dawes	Apr.	6	1904		749R
Dead Horse Creek	Wm. T. White	Chadron	Pump	Irrig.	.95	30	33	49	Dawes	Apr.	6	1904		749R
Dead Horse Creek	Wm. T. White	Chadron	Pump	Irrig.	.55	30	33	49	Dawes	June	15	1928		2021
Dead Horse Creek	George R. Rowe	Chadron	Rowe Canal	Irrig.	1.15	29	32	49	Dawes	Oct.	21	1946		3987
Dead Horse Creek	William T. White	Chadron	Pump	Irrig.	1.48	30	33	49	Dawes	Jan.	10	1951		4786
Dead Horse Creek	Richard H. Schmeckel	Chadron	Pump	Irrig.	1.09	32	33	49	Dawes	Sept.	24	1951		4911
Dead Horse Creek	Chas. Young	Kirby, Mont.	Pump	Irrig.	1.60	20	32	49	Dawes	Nov.	5	1952		5065
Dead Horse Creek Spgs., Trib. to	Theodore Goff	Chadron	Goff Canal	Irrig.	.14	30	32	49	Dawes	Apr.	2	1891	441	
Dead Man Creek	City of Crawford	Crawford	Dead Man Canal	Domestic	1.00	26	31	53	Sioux	Dec.	15	1938		2899
Deep Creek	Otto E. Hagaman	Alliance	Deep Creek Canal	Irrig.	.06	9	30	53	Sioux	May	1	1887	525	
Deep Creek	Otto E. Hagaman	Alliance	Holberg Lake	Storage	†1.50 AF	4	30	53	Sioux	July	19	1933		2334
Deep Creek	Otto E. Hagaman	Alliance	Deep Creek Canal	Irrig.	.22	9	30	53	Sioux	July	19	1933		2335
Dodd-McDowell Reservoir	Mrs. Calvin H. Dodd	Crawford	Dodd-McDowell Canal	Stor-only		17	32	52	Dawes	Apr.	15	1913		1571
Dry Canyon	Wm. A. Betson	Crawford	Betson Canal	Irrig.	1.00	33	32	51	Dawes	Mar.	22	1917		1481
Dry Creek	Louis S. Bauer	Crawford	Pilster Reservoir	Supp. S.	†362.5 AF	15	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

*Application not approved.
†Reservoir capacity alleged by applicant.
R. Denotes relocation.
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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Dry Draw	Geo. A. Ernest	Chadron	Ernest Canal	Irrig.	3.71	22	35	49	Dawes	Feb.	20	1911		1061
Dry Draw	Mrs. W. E. Heath	Crawford	Heath Reservoir	Storage	†200 AF	12	32	53	Sioux	Feb.	7	1917		1475
Dry Run	F. J. Campbell	Chadron	Campbell Canal	Irrig.	1.00	35	34	49	Dawes	Nov.	9	1908		919
Dry Run	Wm. Guse	Whitney	Guse Canal	Irrig.	1.76	35	34	52	Dawes	Jan.	18	1914		1345
Dry Run	Harrison and Weston	Whitney	Harsh-Weston Canal	Irrig.	3.00	31	34	51	Dawes	Mar.	11	1914		1361
English Creek	Robt. H. McDowell	Crawford	McDowell System	Irrig.	.87	12	31	52	Dawes	Oct.	24	1904		772
English Creek	Mrs. Effie McDowell	Crawford	McDowell Lake No. 3	Fish	†5 AF	2	31	52	Dawes	Jan.	22	1929		2064
English Creek	Mrs. Effie McDowell	Crawford	McDowell Lake No. 1	Fish	†36 AF	12	31	52	Dawes	Jan.	22	1929		2064
Flood Waters	Delia Lenehan	Crawford	Lenehan Reservoir	Storage	†640 AF	25	34	52	Dawes	Apr.	16	1913		1278
Flood Waters	Jesse B. Arner	Crawford	Arner Canal	Irrig.	.14	27	33	53	Sioux	May	6	1913		1289
Ground Water	Tom Poole	Bridgeport	Poole Well	Irrig.		25	29	51	Dawes	June	23	1950		4714*
Ground Water	Roy G. Brown	Crawford	Brown Wells	Irrig.		33	31	53	Sioux	Mar.	30	1954		6125*
Harris Reservoir	Clara A. Dodd	Crawford	Harris Canal	Stor-only		32	33	52	Dawes	Sept.	29	1922		1996
Hawk Nest Res.	Tom Moody	Crawford	Moody Canal No. 1	Supp. I.	A-3536	32	34	52	Dawes	Dec.	8	1941		3818
Heath Reservoir	Mrs. W. E. Heath	Crawford	Heath Canal	Stor-only		12	32	53	Sioux	Feb.	7	1917		1612
Hooker Creek	Lena Bauersachs	Crawford	Bauersachs Canal	Irrig.	1.00	7	31	51	Dawes	Dec.	31	1889	492	
Hooker Creek	Mrs. Helen M. Kleeman	Crawford	Alcorn Reservoir	Storage	1.21	31	32	51	Dawes	Nov.	17	1905		803
Hooker Creek	Mrs. Helen M. Kleeman	Crawford	Alcorn Canal	Irrig.		31	32	51	Dawes	Nov.	17	1905		803
Hooker Creek	Mrs. Mabel G. Souther	Lincoln	Souther Lake	Irrig.	1.43	30	32	51	Dawes	Sept.	24	1908		915
Hooker Creek	Mrs. Mabel G. Souther	Lincoln	Souther Reservoir	Storage	†41 AF	30	32	51	Dawes	May	19	1951		4864

Indian Creek	Oscar S. Renfro	Chadron	Seegrist Canal	Irrig.	.03	3	31	50	Dawes	Nov.	1	1893	489	
Indian Creek	Oscar S. Renfro	Chadron	Seegrist Canal	Irrig.	.86	3	31	50	Dawes	Nov.	29	1919		1569
Indian Creek	Harry Norman	Whitney	Norman Canal	Irrig.	1.91	16	32	50	Dawes	Aug.	3	1921		1614
Indian Creek	Harry Norman	Whitney	Elmer Canal	Irrig.	.77	16	32	50	Dawes	Jan.	17	1923		1704
Indian Creek	Oscar S. Renfro	Chadron	Renfro Reservoir	Storage	†60 AF	3	31	50	Dawes	June	21	1926		1822
Indian Creek	D. Elmer Norman	Whitney	Norman Canal	Irrig.	1.28	16	32	50	Dawes	Aug.	18	1927		1952
Indian Creek	Oscar S. Renfro	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.	Tom Moody	Crawford	Moody Canal	Irrig.	.74	32	34	52	Dawes	Dec.	8	1941		3536
Ivins Reservoir	Myrtle L. Ivins	Crawford	Ivins Canal	Supp. I.	D-447R	30	32	50	Dawes	Oct.	30	1950		4948
				Supp. I.	A-493	30	32	50	Dawes	Oct.	30	1950		4948
Larabee Creek	Clarence O. Sawyer	Rushville	Larabee Canal	Irrig.	.59	6	34	44	Sheridan	Apr.	14	1931		2197
Larabee Creek	Clarence O. Sawyer	Rushville	Pump	Irrig.	.17	6	34	44	Sheridan	Apr.	14	1931		2197R
Larabee Creek	J. F. McParland, Jr.	Rushville	McParland Canal	Irrig.	.33	22	34	44	Sheridan	Jan.	9	1942		3544
Larabee Creek	Oscar M. Michaelson	Rushville	Pump	Irrig.	.31	13	33	44	Sherman	Dec.	26	1950		4783
Larabee Creek	Thomas W. Scott	Gordon	Scott Reservoir	Storage	†3 AF	17	33	43	Sheridan	Apr.	19	1951		4848
Larabee Creek	Clarence O. Sawyer	Rushville	Pump No. 2	Irrig.	.07	6	34	44	Sheridan	Jan.	19	1952		4936a
Larabee Creek	C. E. Williams	Rushville	Pumps	Irrig.		17	34	44	Sheridan	Aug.	5	1954		6564
Lone Tree Creek	Joe H. McMeekin	Crawford	McMeekin Reservoir	Storage	†109 AF	14	34	52	Dawes	July	5	1952		4985
Lone Tree Creek	Louis S. Bauer	Crawford	Lone Tree Reservoir	Storage	†208 AF	22	34	51	Dawes	Sept.	23	1953		5597
Lundy Reservoir	Lester A. Lundy	Hay Springs	Lundy Reservoir Canal	Stor-only		33	34	46	Sheridan	Feb.	27	1950		6697*
Madden Cr. and North Creek	Ormesher and Ormesher	Chadron	Dams	Irrig.	.57	31	35	48	Dawes	Oct.	17	1904		771
Mayfield Res.	Walter Mayfield	Chadron	Mayfield Canal	Stor-only		23	33	49	Dawes	Oct.	19	1949		4629

†Reservoir capacity alleged by applicant.
*Application not approved.
Stor-only. Land does not have a direct flow appropriation.
Supp. I. Denotes storage water in addition to direct flow.
R. Denotes relocation.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Mayfield Res.	Walter Mayfield	Chadron	Pump	Stor-only		23	33	49	Dawes	Apr.	10	1954		6170
				Supp. I.	A-4629	23	33	49	Dawes	Apr.	10	1954		6170
McMeekin Res.	Joe H. McMeekin	Crawford	McMeekin Canal	Stor-only		14	34	52	Dawes	July	5	1952		5315
Messenger Creek, Ravine, Trib. to	Glenn Snook	Wayside	Snook Reservoir	Storage	†80 AF	31	35	50	Dawes	Apr.	17	1950		4693
Minnepazuta Cr.	Wm. H. Smoke Estate	Chadron	Minnepazuta Canal	Irrig.	.14	19	33	48	Dawes	July	21	1930		2149
Norman Reservoir	Harry Norman	Whitney	Harry Canal	Stor-only		8	32	50	Dawes	Aug.	22	1927		2179
Norman Res. No. 1	Ben Norman	Crawford	Norman Canal No. 1	Stor-only		35	34	53	Sioux	July	6	1946		5290
Norman Res. No. 2	Ben Norman	Crawford	Norman Canal No. 2	Stor-only		2	33	53	Sioux	Jan.	8	1952		5290
North Draw Res.	Tom Moody	Crawford	Moody Canal No. 2	Stor-only		33	34	52	Dawes	Dec.	8	1941		3819
Patton Creek	Claude H. Greenwood	White Clay	Pump	Irrig.	1.07	32	35	44	Sheridan	Mar.	14	1938		2845
Pilster Reservoir	Louis S. Bauer and Son	Crawford	Pump	Stor-only		15	33	51	Dawes	Aug.	11	1936		4506
Pine Creek	Robert J. Hageman	Crawford	Hageman Reservoir	Storage	†25 AF	9	31	51	Dawes	June	22	1951		4876
Pinney-Denslow Reservoir	Ralph B. Pinney	Crawford	Pinney Canal No. 2	Stor-only		17	32	51	Dawes	Aug.	10	1911		2493
Renfro Reservoir	Oscar Renfro	Chadron	Seegrist Canal	Stor-only		3	31	50	Dawes	June	21	1926		1823
Rush Creek	H. T. Braddock	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. District	Whitney	Pitman Reservoir	Storage		33	33	52	Dawes	Feb.	27	1948		4225*
Sand Creek	Whitney Irrig. District	Whitney	Dunn Reservoir	Storage		32	33	52	Dawes	Feb.	27	1948		4226*
Saw Log, East	Chas. A. Young	Crawford	Stephenson Canal	Irrig.	.33	25	31	52	Dawes	Mar.	5	1907		852
Saw Log, East	A. D. Baker	Crawford	Baker Canal	Irrig.	.04	5	30	51	Dawes	Jan.	3	1908		884
Saw Log, East	P. H. Van Treek	Crawford	Van Treek Canal	Irrig.	.37	5	30	51	Dawes	May	8	1911		1098
Saw Log, Little and White Clay	H. E. Stewart	Crawford	Little Saw Log Canal	Irrig.	.71	12	30	52	Dawes	Jan.	23	1907		849
Saxson Draw	Clara A. Dodd	Crawford	Harris Reservoir	Storage	†7 AF	32	33	52	Dawes	Sept.	29	1922		1689
Sheridan Creek	G. C. Getchell	Pine Ridge, S. D.	Getchell Canal	Irrig.	.07	27	34	45	Sheridan	Aug.	1	1894	418	
Soldier Creek	George A. James	Crawford	James Canal	Irrig.	2.89	5	31	53	Sioux	Mar.	22	1941		3417
Soldier Creek	George A. James	Crawford	James Reservoir	Storage		5	31	53	Sioux	Jan.	19	1948		4186*
Soldier Creek	George A. James	Crawford	James Canal	Irrig.	1.07	5	31	53	Sioux	Aug.	4	1950		4732
Soldier Creek	U. S. Dept. of Agriculture	Ft. Robinson	Ft. Robinson Canal	Irrig.	2.43	12	31	53	Sioux	Aug.	10	1950		4734
Spring Branch (Tucker Cr.)	James L. McAllister	Harrison	Tucker Canal	Irrig.	.17	34	31	54	Sioux	June	1	1883	557	
Spring Creek	Galbreath and Galbreath	Crawford	Mozeter Canal	Irrig.	1.14	13	32	52	Dawes	May	3	1888	1014	
Spring Creek	B. G. Pinney	Crawford	Squaw Creek Canal	Irrig.	.40	13	32	52	Dawes	May	10	1894	466	
Spring Creek	Fay E. Lawrence	Crawford	Spring Cr. Canal No. 1	Irrig.	2.00	13	32	52	Dawes	Dec.	1	1894	473	
Spring Creek	Fay E. Lawrence	Crawford	Spring Creek Canal	O. D.	D-473	7	32	51	Dawes	Dec.	1	1894		2078
Spring Creek	Vera Hanks	Chadron	Kusel Canal No. 2	Irrig.	.43	8	32	51	Dawes	May	19	1900		560
Spring Creek	William M. Forbes	Crawford	Forbes Canal No. 1	Irrig.	.43	20	32	52	Dawes	Apr.	28	1902		663
Spring Creek	Fay E. Lawrence	Crawford	Spring Cr. Canal No. 1	Irrig.	2.29	13	32	52	Dawes	Apr.	7	1905		788
Spring Creek	Peter L. Benthack	Chadron	Benthack Canal	Irrig.	4.71	11	33	49	Dawes	Sept.	12	1924		1749

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.
*Application not approved.
O. D. Denotes optional diversion.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Squaw Creek	LeRoy and Frank Hall	Crawford	Cooper Canal	Irrig.	2.29	36	32	52	Dawes	May	8	1896		333
Squaw Creek	Robt. H. McDowell	Crawford	Squaw Creek Reservoir	Storage	†200 AF	12	31	52	Dawes	Oct.	3	1911		1132
Squaw Creek	Robt. H. McDowell	Crawford	McDowell Lake No. 4	Fish	†4 AF	12	31	52	Dawes	Nov.	12	1931		2249
Squaw Creek Res.	Robt. H. McDowell	Crawford	Squaw Creek Canal	Stor-only		12	31	52	Dawes	Oct.	3	1911		1631
Trunk Butte Cr.	M. Smock	Whitney	Smock Canal	Irrig.	.07	26	32	50	Dawes	June	28	1895	465	
‡White Clay Creek	Anton P. Roos	Crawford	McFarland Canal	Irrig.	1.64	35	32	52	Dawes	May	18	1891	960	
White Clay Creek	Wm. H. Dodd	Crawford	Hazelton 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	LeRoy and Frank Hall	Crawford	Cooper Canal	Irrig.	3.66	2	31	52	Dawes	June	22	1895		42
White Clay Creek	Robt. McDowell	Crawford	Cooper Canal	Irrig.	.05	2	31	52	Dawes	June	22	1895		42R
White Clay Creek	Lorentz F. Raben	Crawford	Rinicker Canal	Irrig.	.57	11	31	52	Dawes	June	8	1901		618
White Clay Creek and Squaw Cr.	White River Irrig. Co.	Crawford	White River Canal	Irrig.	8.00	36	32	52	Dawes	Mar.	3	1902		655
White Clay Creek	John C. Hutzel	Crawford	Hutzel Canal	Irrig.	.57	13	31	52	Dawes	Apr.	30	1903		704
White Clay Creek	Lorentz F. Raben	Crawford	Handschugel Lake	Storage	†150 AF	11	31	52	Dawes	Dec.	17	1915		1441
White Clay Creek	Mrs. Effie McDowell	Crawford	Cooper Reservoir	Fish	†30 AF	2	31	52	Dawes	Jan.	22	1929		2063
White Clay Creek	Pine Ridge Indian Agency	Pine Ridge, S. D.	Pine Ridge Canal	Irrig.			35	45	Sheridan				419*	
White Clay Creek	Chas. Townsend	White Clay	Townsend Canal	Irrig.	.80	25	34	45	Sheridan	Jan.	21	1911		1054
White Clay Creek	A. C. North	Ft. Morgan, Colo.	Pump	Irrig.	**.19	36	35	45	Sheridan	Mar.	26	1934		2369
White Clay Creek	H. M. Hotz	Rushville	Pump	Irrig.	1.16	36	35	45	Sheridan	Apr.	2	1951		4813

White Clay Creek	A. G. Hotz	Rushville	Pump	Irrig.	1.63	1	34	45	Sheridan	Sept.	24	1951		4912
White Clay Creek	Clarence O. Sawyer	Rushville	Pump No. 3	Irrig.	.40	6	34	44	Sheridan	Jan.	19	1952		4936b
White Clay Creek	H. M. Hotz	Rushville	Pump	Irrig.	1.50	36	35	45	Sheridan	Sept.	8	1953		5551
White Clay Creek, Ravine, Trib. to	Arnold A. Ahl	Crawford	Ahl Reservoir	Storage		26	32	52	Dawes	May	18	1954		6312
White River	P. L. Raben	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	B. G. Pinney, et al	Crawford	Harris-Cooper Canal	Irrig.	13.14	26	32	52	Dawes	Mar.	9	1894	464a	
White River	B. G. Pinney, et al	Crawford	Harris-Cooper Canal	Irrig.	1.57	26	32	52	Dawes	June	15	1894	464b	
White River	James W. Forbes	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	A. M. Bartlett	Chadron	Jones Canal	Irrig.	.71	18	34	48	Dawes	May	21	1897		391
White River	Ross Drinkwalter	Crawford	Rasher Canal	Irrig.	.50	19	32	51	Dawes	May	23	1898		456
White River	Ross Drinkwalter	Crawford	Rasher Canal	Irrig.	1.43	19	32	51	Dawes	Jan.	16	1900		534
White River	Henry Clay Morris	Chadron	Schwabe Canal	Power	5.00	24	34	49	Dawes	June	13	1904		759
White River	Henry Clay Morris	Chadron	Schwabe Canal	Irrig.	.26	24	34	49	Dawes	Mar.	19	1906		815
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	Pinney-Denslow Res.	Storage	†50 AF	26	32	52	Dawes	Aug.	10	1911		1122
White River	Ross Drinkwalter	Crawford	Rasher-Forbes Canal	Irrig.	.50	19	32	51	Dawes	Sept.	26	1911		1128
White River	Whitney Irrigation Dist.	Whitney	Whitney Reservoir	Storage	†10000AF	26	32	52	Dawes	Apr.	28	1921		1603
White River	Raner Simons	Whitney	Whitney Pipe Line	Irrig.	3.21	24	32	52	Dawes	May	2	1921		1604
White River	Whitney Irrigation Dist.	Whitney	Whitney Pipe Line	Irrig.	25.00	26	32	52	Dawes	Nov.	7	1921		1625
White River	Raner Simons	Whitney	Whitney Pipe Line	Irrig.	2.07	26	32	52	Dawes	Nov.	18	1921		1626
White River	Raner Simons	Whitney	Whitney Pipe Line	Irrig.	.41	26	32	52	Dawes	Apr.	26	1922		1660
White River	Clarence R. Jones	Chadron	Hageman Canal	Irrig.	1.14	26	33	50	Dawes	Oct.	18	1928		2046

†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.
‡White Clay Creek in Dawes County is a different stream than White Clay Creek in Sheridan County.
R. Denotes relocation.
*Claim not adjudicated.
**Part of appropriations cancelled.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
White River	City of Crawford	Crawford	Pump	Irrig.	.57	3	31	52	Dawes	Mar.	12	1929		2075
White River	Alfred F. Bartlett	Chadron	Bartlett Canal	Irrig.	.30	19	34	48	Dawes	Sept.	8	1932		2285
White River	A. L. Mobley	Crawford	Pump	Irrig.	.05	3	31	52	Dawes	May	10	1934		2381
White River (See Dry Cr.)	Whitney Irrigation Dist.	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	Henry Clay Morris	Chadron	Pump	Irrig.	1.31	26	34	49	Dawes	Nov.	24	1939		3030
White River	Veril C. Logan	Chadron	Pump	Irrig.	.64	30	33	49	Dawes	Dec.	7	1939		3038
White River	Mrs. T. A. Schumacher	Chadron	Schumacher Cistern	Domestic	†16 AF	19	33	49	Dawes	Apr.	2	1940		3129
White River	H. C. Jones	Chadron	Pump	Irrig.	.51	5	34	57	Dawes	Jan.	10	1947		4021
White River	L. R. Gorr	Chadron	Gorr Canal	Irrig.	3.39	27	34	49	Dawes	Jan.	11	1949		4420
White River	Mrs T. A. Schumacher	Chadron	Pump	Irrig.	2.14	19	33	49	Dawes	July	7	1950		4720
White River	R. G. Fox	Crawford	Pump	Irrig.	.59	26	32	52	Dawes	Aug.	21	1950		4740
White River	Roy Armstrong	Hemingford	Pumps	Irrig.	3.16	9	34	48	Dawes	Feb.	23	1951		4805
White River	Mrs. T. A. Schumacher	Chadron	Pumps	Irrig.	.62	19	33	49	Dawes	Apr.	2	1951		4835
White River	Ray and Joe Schommer	Chadron	Pump	Irrig.	2.09	26	34	49	Dawes	June	30	1952		4983
White River	Howard-McCafferty Co.	Whitney	Pump	Irrig.	1.47	1	32	51	Dawes	Dec.	18	1952		5115
White River	Boyd A. Cuckler	Chadron	Pump	Irrig.	4.03	25	33	50	Dawes	Aug.	28	1953		5517
White River	H. C. Jones	Chadron	Jones Reservoir	Storage		5	34	47	Dawes	Feb.	11	1954		5952
White River	H. C. Morris	Chadron	Pump	Irrig.		24	34	49	Dawes	Apr.	28	1954		6247
White River, Trib. to	Henry Clay Morris	Chadron	Schwabe Canal	Irrig.	3.43	31	34	48	Dawes	July	23	1908		908
White River, Ravine, Trib. to	Floyd Wright	Whitney	Wright Reservoir	Storage	†18 AF	10	32	51	Dawes	Apr.	8	1946		3889
White River, Ravine, Trib. to	Louis Bauer	Crawford	Bauer Reservoir	Storage	†96 AF	10	34	51	Dawes	Dec.	21	1949		4553
White River, Ravine, Trib. to	Gus Benthack	Chadron	Benthack Reservoir	Storage	†18 AF	5	33	49	Dawes	May	12	1950		4676

Whitney Reservoir	Whitney Irrigation Dist.	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
Willow Creek	Chester Dunlap	Crawford	Dunlap Reservoir	Storage	†16 AF	15	32	53	Sioux	Nov.	5	1951		4917

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Andrews Res.	Agnes Andrews	Harrison	Andrews Canal	Stor-only		5	32	55	Sioux	Mar.	26	1935		2558
Andrews Res.	Agnes Andrews	Harrison	Andrews Canal	Stor-only		5	32	55	Sioux	Mar.	26	1935		4464
Anderson Res.	Walter Anderson	Harrison	Anderson Canals 1-2	Stor-only		2	34	56	Sioux	Aug.	19	1949		4861
Antelope Creek	Allen Jordan	Montrose	Jordan Reservoir	Storage	†776 AF	9	34	55	Sioux	Aug.	23	1940		3239
Antelope Creek, Ravine, Trib. to	Allen Jordan	Montrose	Lower Jordan Reservoir	Storage	†137 AF	16	34	55	Sioux	Feb.	28	1941		3405
Antelope Creek Ravine, Trib. to	Walter Anderson	Harrison	Anderson Reservoir	Storage	†65 AF	2	34	56	Sioux	Aug.	19	1949		4502
Antelope, North	Thirza Anderson	Harrison	Story Canal	Irrig.	2.00	8	34	56	Sioux	Nov.	11	1895		168
Antelope, North	Anderson and York	Harrison	Story Canal	Irrig.	5.71	9	34	56	Sioux	Mar.	26	1918		1509
Antelope, South	Schnurr and Schnurr	Harrison	Turner Canal	Irrig.	1.14	26	34	57	Sioux	Oct.	31	1894	537	
Antelope, South	Chas. and Jasper Seaman	Harrison	Ellis Canal	Irrig.	.29	9	33	57	Sioux	May	17	1896		338
Antelope, South	Schnurr and Schnurr	Harrison	Turner Reservoir	Storage	†250 AF	26	34	57	Sioux	July	3	1922		1675
Antelope, South, Ravine, Trib. to	Wm. E. Schnurr, et al	Harrison	Schnurr Reservoir No. 2	Storage	†122.5 AF	28	34	57	Sioux	Oct.	10	1944		3775
Antelope, South, Ravine, Trib. to	Leo Dunlap	Harrison	Dunlap Reservoir No. 1	Storage	†16 AF	15	34	56	Sioux	Sept.	8	1951		4907
Antelope, South, Ravine, Trib. to	Leo Dunlap	Harrison	Dunlap Reservoir No. 2	Storage	†20 AF	15	34	56	Sioux	July	8	1954		6415
Bodarc Springs	Cleve G. Zimmerman	Harrison	Zimmerman Reservoir	Storage	†26 AF	27	33	55	Sioux	Nov.	9	1950		4765
Boggy Creek	Thos. Holly	Crawford	Holly Canal	Irrig.	.11	30	33	54	Sioux	Dec.	31	1888	956	
Boggy Creek	J. W. Smith	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 Creek	Wickersham Cattle Co.	Harrison	Wickersham Res. No. 2	Storage	†42 AF	31	33	54	Sioux	Nov.	7	1951		4918
Boggy Creek, Mid.	J. F. Bannon	Harrison	Bannon Canal	Irrig.	.06	7	32	54	Sioux	July	1	1886	560	
Boggy Creek, Mid.	Wm. Marten	Harrison	Marten Canal	Irrig.	.36	18	32	54	Sioux	May	19	1896		342
Boggy Cr., West	Andrew P. Serres	Harrison	Hill Canal	Irrig.	.86	11	32	55	Sioux	Jan.	20	1908		886
Boggy Cr., West	Chris Eberspecher Est.	Harrison	Eberspecher Reservoir	Storage	†66 AF	2	32	55	Sioux	Apr.	11	1950		4639
Caladonia Res.	Con and Henry Jordan	Harrison	Caladonia Canal	Stor-only		13	33	57	Sioux	July	20	1922		1681
Caladonia Res.	Con and Henry Jordan	Harrison	Caladonia Canal	Supp. I.	D-543	13	33	57	Sioux	July	20	1922		1683
				Stor-only		13	33	57	Sioux	July	20	1922		1683
Canyons	James Konrath	Harrison	Konrath Canal	Irrig.	1.43	17	34	54	Sioux	Dec.	28	1905		808
Cedar Creek	Con Parsons	Harrison	Schilt Cedar Cr. Canal	Irrig.	.57	35	33	56	Sioux	May	15	1885	507	
Cedar Creek	Wm. Grote	Harrison	Valdez Canal	Irrig.	.50	10	32	56	Sioux	Apr.	5	1886	976	
Cedar Creek	Wm. Grote	Harrison	Grote Reservoir	Storage	†19 AF	3	32	56	Sioux	June	4	1940		3172
Cherry Creek	M. Ruffing	Harrison	Cherry Creek Canal	Irrig.	.03	29	33	54	Sioux	May	1	1893	549	
Cherry Creek	Harry Serres	Harrison	Merlo Reservoir	Storage	†15 AF	29	33	54	Sioux	May	21	1946		3909
Coffee Reservoir	Rex T. Coffee	Chadron	Lickett Canal	Supp. I.	A-549	27	33	54	Sioux	July	17	1951		4937
				Stor-only		27	33	54	Sioux	July	17	1951		4937
Crystal Lake Res.	Floyd L. Hall	Harrison	Crystal Lake Canal	Stor-only		6	32	55	Sioux	Aug.	22	1927		2286
Dout Reservoir 1	Clarence Dout	Harrison	Dout Canal No. 1	Stor-only		7	33	56	Sioux	Apr.	2	1928		2000
Dout Reservoir 2	Clarence Dout	Harrison	Dout Canal No. 2	Stor-only		7	33	56	Sioux	Apr.	2	1928		2002
Dry Gulch	L. M. Child	Harrison	Child Canal	Irrig.	.57	28	34	56	Sioux	Aug.	14	1914		1376

Stor-only. Land does not have a direct flow appropriation.
†Reservoir capacity alleged by applicant.
Supp. I. 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 Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Eberspecher Res.	Frank Eberspecher	Harrison	Eberspecher Canal	Stor-only		28	33	54	Sioux	Sept.	10	1945		3896
Eberspecher Res.	Chris Eberspecher Est.	Harrison	Eberspecher Canal	Stor-only		2	32	55	Sioux	Apr.	11	1950		4903
Geike Creek	Henry Geike	Harrison	Geike Canal	Irrig.	.43	19	33	56	Sioux	Nov.	4	1927		1967
Geike Creek	Henry Geike	Harrison	Geike Reservoir	Storage	†5 AF	19	33	56	Sioux	Oct.	3	1950		4752
Geiser Reservoir	John Geiser	Crawford	Geiser Canal	Stor-only		34	35	54	Sioux	Oct.	4	1940		3439
Grote Reservoir	William Grote	Harrison	Grote Canal	Stor-only		3	32	56	Sioux	June	4	1940		3450
Grote Reservoir	William Grote	Harrison	Grote Canal	Supp. I.	D-976	3	32	56	Sioux	June	4	1940		3451
Haas Reservoir	Dominic Haas	Harrison	Haas Canal	Stor-only		6	32	54	Sioux	Oct.	20	1944		3851
Hat Creek	Chas. L. Thayer	Harrison	West Hat Creek Canal	Irrig.	.43	16	32	55	Sioux	June	1	1880	553a	
Hat Creek	John T. Coffee	Harrison	Coffee Canal	Irrig.	4.29	26	33	55	Sioux	Sept.	1	1881	512	
Hat Creek	Chas. L. Thayer	Harrison	West Hat Creek Canal	Irrig.	.57	16	32	55	Sioux	May	31	1886	553b	
Hat Creek	J. T. Coffee	Harrison	Miller Canal	Irrig.	.37	28	33	55	Sioux	May	19	1896		341
Hat Creek	E. B. Lyon	Harrison	Antrim Canal	Irrig.	.57	3	32	55	Sioux	Dec.	24	1900		594
Hat Creek	E. B. Lyon	Harrison	Antrim Canal	Irrig.	.57	3	32	55	Sioux	Aug.	20	1906		834
Hat Creek	John T. Coffee	Harrison	Coffee Flood Canal	Irrig.	6.00	14	33	55	Sioux	Oct.	22	1912		1236
Hat Creek	Harry T. Zerbe	Harrison	Zerbe Reservoir	Storage	†25 AF	35	33	55	Sioux	Mar.	25	1915		1407
Hat Creek	Harry and Martin Wasserburger	Montrose	Pump	Irrig.	.66	24	34	55	Sioux	Oct.	11	1940		3291
Hat Creek	Mrs. Barbara Semroska	Harrison	Semroska Canal	Irrig.	.43	5	34	54	Sioux	July	2	1946		3922
Hat Creek	John T. Coffee	Harrison	Pump	Irrig.	3.96	26	34	55	Sioux	Nov.	28	1952		5089
Hat Creek, Ravine, Trib. to	Jacob Wasserburger	Montrose	Wasserburger Reservoir	Storage	†45 AF	29	34	54	Sioux	May	6	1940		3149
Hat Creek, Ravine, Trib. to	Frank Zerbe	Harrison	Zerbe Reservoir	Storage	†22 AF	4	32	55	Sioux	July	6	1940		3196

Hat Creek, Ravine, Trib. to	John Geiser	Crawford	Geiser Reservoir	Storage	†28 AF	34	35	54	Sioux	Oct.	4	1940	3279
Hat Creek, Ravine, Trib. to	Emil W. Vyzourek	Ardmore, S. D.	Vyzourek Res. No. 2	Storage	†7 AF	28	35	54	Sioux	Oct.	7	1940	3281
Hat Creek, Ravine, Trib. to	Emil W. Vyzourek	Ardmore, S. D.	Vyzourek Res. No. 3	Storage	†4 AF	27	35	54	Sioux	Dec.	6	1940	3348
Hat Creek, Ravine, Trib. to	E. J. Serres	Harrison	Serres Reservoir No. 1	Storage	†27 AF	30	33	54	Sioux	June	18	1945	3843
Hat Creek, Ravine, Trib. to	E. J. Serres	Harrison	Serres Reservoir No. 2	Storage	†54 AF	29	33	54	Sioux	June	18	1945	3844
Hat Creek, Ravine, Trib. to	Geo. E. Von Berg	LeMars, Iowa	Von Berg Reservoir	Storage	†12 AF	9	32	55	Sioux	Nov.	12	1949	4530
Hat Creek, Ravine, Trib. to	Mrs. Barbara Semroska	Harrison	Semroska Reservoir	Storage	†44 AF	6	34	54	Sioux	Apr.	21	1950	4647
Hay Cr. Wallace Reservoir	M. C. Wallace	Harrison	Hay Creek Pump Canals 1, 2, 3, 4	Stor-only		19	35	56	Sioux	Aug.	18	1949	5117
Henry Reservoir No. 2 (See A-5611)	J. L. Henry	Crawford	Henry Canal No. 2	Stor-only		30	35	55	Sioux	May	17	1950	4829
Henry Reservoir No. 1 (See A-6159)	J. L. Henry	Crawford	Henry Canal No. 1	Stor-only		19	35	55	Sioux	May	17	1950	4830
Horse Creek	Dominic Haas	Harrison	Haas Reservoir	Storage	†28 AF	5	32	54	Sioux	Oct.	30	1944	3779
Indian Creek	August Meier	Ardmore, S. D.	Meier Canal	Irrig.	.69	24	35	55	Sioux	Nov.	14	1946	4004
Indian Creek	Henry I. Mader	Greeley, Colo.	Mader Reservoir No. 1	Supp. S.	A-3983	23	35	56	Sioux	Sept.	26	1953	5607
Indian Creek	Henry I. Mader	Greeley, Colo.	Mader Reservoir No. 2	Supp. S.	A-4578	23	35	56	Sioux	Sept.	26	1953	5608
Indian Creek	Henry I. Mader	Greeley, Colo.	Indian Creek Canal	Irrig.	.51	23	35	56	Sioux	Sept.	26	1953	5609

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

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 Diversion or Dam S	T	R	County	Date of Priority Mo.	D	Yr.	Doc. No.	App. No.
Indian Creek	J. L. Henry	Crawford	Henry Reservoir No. 1	Supp. S. A-4680		23	35	56	Sioux	Sept.	26	1953		5610
Indian Creek	J. L. Henry	Crawford	Indian Creek Canal	Supp. I. A-4829	1.04	23	35	56	Sioux	Sept.	26	1953		5611
Indian Creek	J. L. Henry	Crawford	Mader-Henry Canal	Irrig.	2.88	23	35	56	Sioux	Sept.	26	1953		5612
Indian Creek	J. L. Henry	Crawford	Mader-Henry Canal	Supp. I. A-4830	.40	23	35	56	Sioux	Apr.	1	1954		6159
Indian Creek, Ravine, Trib. to	Merritt C. Wallace	Harrison	Wallace Reservoir	Storage	†39 AF	29	35	56	Sioux	Sept.	16	1946		3962
Indian Creek, Ravine, Trib. to (See A-5607)	Henry I. Mader	Greeley, Colo.	Mader Reservoir No. 1	Storage	†148 AF	21	35	55	Sioux	Oct.	15	1946		3983
Indian Creek, Ravine, Trib. to	M. C. Wallace	Harrison	Wallace Reservoir	Storage	†109 AF	19	35	56	Sioux	Aug.	18	1949		4501
Indian Creek, Ravine, Trib. to	Henry I. Mader	Greeley, Colo.	Mader Reservoir No. 3	Storage	†24 AF	26	35	55	Sioux	Oct.	21	1949		4527
Indian Creek, Ravine, Trib. to (See A-5608)	Henry I. Mader	Greeley, Colo.	Mader Reservoir No. 2	Storage	†84 AF	28	35	55	Sioux	Jan.	25	1950		4578
Indian Creek, Ravine, Trib. to	J. L. Henry	Crawford	Henry Reservoir No. 2	Storage	†44 AF	30	35	55	Sioux	May	17	1950		4679
Indian Creek, Ravine, Trib. to (See A-5610)	J. L. Henry	Crawford	Henry Reservoir No. 1	Storage	†48 AF	19	35	55	Sioux	May	17	1950		4680
Indian Creek, Ravine, Trib. to	H. F. Wiedenfeld	Ardmore, S. D	Wiedenfeld Res. No. 1	Storage	†92 AF	25	35	55	Sioux	Jan.	2	1952		4925
Jim Creek	Clarence H. Dout	Harrison	Dout Brothers Canal	Irrig.	.86	7	33	56	Sioux	May	15	1889	981	
Jim Creek	Con and Henry Jordan	Harrison	Woodruff South Canal	Irrig.	.36	14	33	57	Sioux	May	1	1890	536	

Jim Creek	Thos. A. Snyder	Harrison	Jim Creek Canal	Irrig.	.43	8	33	56	Sioux	Dec.	15	1890	502	
Jim Creek	Con and Henry Jordan	Harrison	Slattery Canal	Irrig.	.29	13	33	57	Sioux	May	31	1891	543	
Jim Creek	Con and Henry Jordan	Harrison	Caladonia Reservoir	Storage	†42 AF	13	33	57	Sioux	July	20	1922		1680
Jim Creek	Con and Henry Jordan	Harrison	High Line Canal	Irrig.	.34	13	33	57	Sioux	July	20	1922		1682
Jim Creek and No. Jim Creek	Clarence Dout	Harrison	Dout Reservoir No. 1	Storage	†145 AF	7	33	56	Sioux	Apr.	2	1928		1999
Jim Creek	Clarence Dout	Harrison	Dout Reservoir No. 2	Storage	†16 AF	7	33	56	Sioux	Apr.	2	1928		2001
Jim Creek	Charles Staudenmaier	Harrison	Jim Creek Canal	Irrig.	.27	15	33	54	Sioux	May	17	1945		3834
Jim Creek	Con and Henry Jordan	Harrison	Caladonia Res. No. 2	Storage	†13 AF	13	33	57	Sioux	June	12	1950		4696
Jim Creek	Clarence H. Dout	Harrison	Dout Canal No. 1	Irrig.		7	33	56	Sioux	Feb.	24	1954		5985
				Supp. I.	A-2000	7	33	56	Sioux	Feb.	24	1954		5985
Jim Creek	Clarence H. Dout	Harrison	Dout Canal No. 2	Irrig.		7	33	56	Sioux	Feb.	24	1954		5986
				Supp. I.	A-2002	7	33	56	Sioux	Feb.	24	1954		5986
Jim Creek, Ravine, Trib. to	John A. Snyder	Harrison	Snyder Reservoir	Storage	†45 AF	17	33	56	Sioux	Dec.	23	1940		3358
Jim Creek, Ravine, Trib. to	Clarence H. Dout	Harrison	Badland Reservoir	Storage	†33 AF	7	33	56	Sioux	July	23	1952		4995
Jim Creek, East	J. Wasserburger	Montrose	Wasserburger Canal	Irrig.	2.29	29	34	54	Sioux	Oct.	13	1900		581
Jim Creek, East	Charles Staudenmaier	Harrison	Staudenmaier Canal	Irrig.	.56	23	33	54	Sioux	July	26	1945		3848
Jim Creek, East	Charles Staudenmaier	Harrison	Staudenmaier Reservoir	Storage	†44 AF	15	33	54	Sioux	Oct.	7	1949		4520
Jim Creek, East, Trib. to	Rex T. Coffee	Harrison	Homestead Canal	Irrig.	.22	22	33	54	Sioux	May	31	1890	984	
Jim Creek, East, Trib. to	H. C. Hunter	Orella	Hunter Canal	Irrig.	.03	26	33	54	Sioux	May	12	1898		451
Jim Creek, East, Ravine, Trib. to	Frank Eberspecher	Harrison	Eberspecher Reservoir	Storage	†16 AF	28	33	54	Sioux	Sept.	10	1945		3853
Jordan Draw	Gertrude Quintard, et al	Harrison	Dan Jordan Reservoir	Storage	†50 AF	32	33	55	Sioux	Feb.	20	1929		2071
Jordan, C. Res.	Clarence H. Dout	Harrison	Cornelious Jordan Canal	Supp. I.	A-841	13	33	56	Sioux	Nov.	12	1906		841
Jordan, C. Res.	Clarence H. Dout	Harrison	Cornelious Jordan Canal	Supp. I.	A-841	13	33	56	Sioux	Jan.	14	1915		1469

Supp. S. Denotes additional storage water.
Supp. I. Storage water in addition to direct flow.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Jordan, C. Res.	Clarence H. Dout	Harrison	Kite Canal	Supp. I.	A-1375	13	33	56	Sioux	Jan.	14	1915		1470
Jordan, D. Res.	Gertrude Quintard, et al	Harrison	Dan Jordan Canal	Stor-only		32	33	56	Sioux	Feb.	20	1929		2072
Jordan, A. Res.	Allen Jordan	Harrison	Jordan Canal	Stor-only		9	34	55	Sioux	Aug.	23	1940		3446
Jordan, Allen (Lower Res.)	Allen Jordan	Harrison	Lower Jordan Canal	Stor-only		16	34	55	Sioux	Feb.	28	1941		3446
Jordan, A. Res.	Allen Jordan	Harrison	Allen Jordan Pump Canal No. 1	Stor-only		16	34	55	Sioux	Aug.	23	1940		5212
Jordan, Allen (Lower Res.)	Allen Jordan	Harrison	Allen Jordan Pump Canal No. 1	Stor-only		16	34	55	Sioux	Feb.	28	1941		5212
Lickett Creek	Rex T. Coffee	Harrison	Lickett Canal	Irrig.		27	33	54	Sioux				1005*	
Lickett Creek	Rex T. Coffee	Harrison	Lickett Canal	Irrig.	**.42	27	33	54	Sioux	Mar.	21	1900		549
Lickett Creek	Rex T. Coffee	Harrison	Coffee Reservoir No. 1	Storage	†22 AF	27	33	54	Sioux	July	17	1951		4891
Little Red Creek	Wm. O. Grimm	Harrison	Zerbst Canal	Irrig.	.90	34	33	56	Sioux	Apr.	3	1928		2003
Long Branch	S. C. Turnbull	Ardmore, S. D.	O'Connell Canal	Irrig.	.20	22	35	54	Sioux	Nov.	10	1900		587
Long Branch	L. J. Ebert	Ardmore, S. D.	Ebert Canal	Irrig.	.14	19	35	53	Sioux	Aug.	22	1901		635
Mader Reservoir	Henry I Mader	Greeley, Colo.	Mader Canal	Stor-only		21	35	55	Sioux	Oct.	15	1946		4236
Mader Res. No. 3	Henry I Mader	Greeley, Colo.	Mader Canals 4 and 5	Stor-only		26	35	55	Sioux	Oct.	21	1949		4730
Merlo Reservoir	Harry J. Serres	Harrison	Merlo Canal No. 1	Stor-only		29	33	54	Sioux	May	21	1946		4087
Monroe Creek	Con Parsons	Harrison	Big Monroe Canal	Irrig.	1.43	33	33	56	Sioux	May	1	1888	506	
Monroe Creek	Con Parsons	Harrison	Schilt-Monroe Canal	Irrig.	.50	27	33	56	Sioux	July	2	1888	509	
Monroe Creek	Wm. Noreisch	Harrison	Noreisch Canal	Irrig.	.04	33	33	56	Sioux	July	19	1895		83
Monroe Creek	Clarence H. Dout	Harrison	Cornelious Jordan Canal	Irrig.	2.30	13	33	56	Sioux	Nov.	12	1906		841

Monroe Creek	Clarence H. Dout	Harrison	Cornelious Jordan Res.	Storage	†271 AF	13	33	56	Sioux	Nov.	12	1906		841
Monroe Creek	Clarence H. Dout	Harrison	Kite Canal	Irrig.	2.00	13	33	56	Sioux	July	30	1914		1375
Monroe Creek	Clarence H. Dout	Harrison	Cornelious Jordan Canal	Storage	†400 AF	13	33	56	Sioux	Jan.	14	1915		1399
Monroe Creek	Harry A. and Martin L. Wasserburger	Harrison	Richard Jordan Canal	Irrig.	1.67	22	33	56	Sioux	Sept.	19	1928		2032
Monroe Creek	Bruce Parsons	Harrison	Keel Canal	Irrig.	.02	5	32	56	Sioux	Aug.	20	1931		2228
Monroe Creek	Fred W. Hebner, et al	Harrison	Monroe Reservoir	Fish	†3 AF	8	32	56	Sioux	Jan.	16	1933		2297
Monroe Creek	Con Parsons	Harrison	Big Monroe Canal	Irrig.	2.10	33	33	56	Sioux	Apr.	16	1934		2372
Monroe Creek	Clarence H. Dout	Harrison	Bruce Canal No. 1	Irrig.	.41	13	33	56	Sioux	July	5	1951		4880
Monroe Creek	Clarence H. Dout	Harrison	Bruce Canal No. 2	Irrig.	.21	13	33	56	Sioux	July	5	1951		4881
Monroe Creek, Ravine, Trib. to Plunkett Reservoir	Con Parsons	Harrison	Parsons Reservoir	Storage		27	33	56	Sioux	May	21	1946		3908*
	Thomas Plunkett	Harrison	Plunkett Canal	Stor-only		25	33	56	Sioux	Sept.	18	1928		2070
Prairie Dog (or Little Red) Cr.	Con Parsons	Harrison	Schilt-Prairie Dog Canal	Irrig.	1.14	35	33	56	Sioux	May	31	1886	508	
Prairie Dog (or Little Red) Cr.	Thomas Plunkett	Harrison	Zerbst Canal	Irrig.	.14	25	33	56	Sioux	May	1	1893	551	
Prairie Dog (or Little Red) Cr.	Thomas Plunkett	Harrison	Plunkett Reservoir	Storage	†110 AF	25	33	56	Sioux	Sept.	18	1928		2031
Prairie Dog (or Little Red) Cr.	Thomas Plunkett	Harrison	Plunkett Canal	Irrig.	1.34	25	33	56	Sioux	June	24	1944		3737
Prairie Dog (or Little Red) Cr.	Thomas Plunkett	Harrison	Plunkett Canal	Irrig.	.36	25	33	56	Sioux	June	14	1945		3842
Raben Res. No. 1	Ellen Raben	Crawford	Raben Canal	Stor-only		22	34	54	Sioux	Feb.	19	1942		4586
Raben Res. No. 2	Ellen M. Raben	Crawford	Raben Canal No. 2	Supp. I.	A-4586	23	34	54	Sioux	Jan.	13	1950		4868
				Stor-only		23	34	54	Sioux	Jan.	13	1950		4868
Schaefer Reservoir Nos. 1 and 2	Schaefer Cattle Co.	Harrison	Leonard Canals 1 and 2	Stor-only		5	32	55	Sioux	Feb.	27	1933		3557

Supp. I. Storage water in addition to direct flow.
Stor-only. Land does not have a direct flow appropriation.
*Claim not adjudicated, or application not approved.
**Part of appropriations cancelled.
†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	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Schnurr Reservoir	Schnurr and Schnurr	Harrison	Schnurr Canal	Stor-only		13	34	57	Sioux	Oct.	10	1944		3871
Semroska Res.	Mrs. Barbara Semroska	Harrison	Semroska Canal No. 1	Stor-only		6	34	54	Sioux	Apr.	21	1950		4768
Serres Res. No. 1	E. J. Serres	Harrison	Serres Canal No. 1	Stor-only		30	33	54	Sioux	June	18	1945		3969
Serres Res. No. 2	E. J. Serres	Harrison	Serres Canal No. 2	Stor-only		29	33	54	Sioux	June	18	1945		3970
Shepherd Res.	Evelyn M. Robinson	Lingle, Wyo.	Shepherd Res. Canal	Supp. I.	A-1965	36	34	57	Sioux	Jan.	29	1931		3795
Snyder Reservoir	John A. Snyder	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	Frank Zerbe	Harrison	Montgomery Canal	Irrig.	1.00	21	33	55	Sioux	Dec.	1	1890	559	
Sow Belly Creek	Gertrude Quintard, et al	Harrison	Jordan Canal	Irrig.	.43	21	33	55	Sioux	June	1	1895	556	
Sow Belly Creek	Gertrude Quintard, et al	Harrison	Jordan Canal	Irrig.	.50	21	33	55	Sioux	May	11	1896		424
Sow Belly Creek	F. Nutto	Harrison	Nutto Canal	Irrig.	.43	24	32	56	Sioux	Sept.	4	1897		404
Sow Belly Creek	Cleve G. and Emery J. Zimmerman	Harrison	Zimmerman Canal	Irrig.	.71	34	33	35	Sioux	Jan.	11	1900		532
Sow Belly Creek	Gertrude Quintard, et al	Harrison	Jordan Canal	Irrig.	.14	21	33	55	Sioux	May	26	1902		668
Sow Belly Creek	M. J. O'Connell	Montrose	O'Connell Canal	Irrig.	10.00	9	33	55	Sioux	May	5	1913		1288
Sow Belly Creek	Schaefer Cattle Co.	Harrison	Reservoir No. 1	Storage	†150 AF	7	32	55	Sioux	Feb.	27	1933		2306
			Reservoir No. 2	Storage	†150 AF	7	32	55	Sioux	Feb.	27	1933		2306
Sow Belly Creek	Agnes Andrews	Harrison	Andrews Reservoir	Storage	†24 AF	5	32	55	Sioux	Mar.	26	1935		2530
Sow Belly Creek	Cleve Zimmerman	Harrison	Zimmerman Canal	Irrig.	.61	34	33	55	Sioux	Jan.	17	1951		4790
Sow Belly Creek	Schaefer Cattle Co.	Harrison	New Sow Belly Canal	Irrig.	.47	7	32	55	Sioux	June	3	1953		5343
Sow Belly Creek, Springs, Trib. to	Effie Lundy	Harrison	Lundy Reservoir	Storage	†3 AF	24	32	56	Sioux	Apr.	17	1946		3894

Spring Creek	Floyd L. Hall	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	Floyd L. Hall	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	†26 AF	7	32	55	Sioux	Sept.	6	1951		4904
Spring Creek	Floyd L. Hall	Harrison	Crystal Lake Reservoir	Storage	†53 AF	6	32	55	Sioux	Nov.	3	1953		5705
Spring Creek Res. No. 3	Schaefer Cattle Co.	Harrison	Spring Creek Canals 1-2	Supp. I.	D-532	7	32	55	Sioux	Sept.	6	1951		4996
				Stor-only		7	32	55	Sioux	Sept.	6	1951		4996
Squaw Creek	Chas. and Jasper Seaman	Harrison	Dunn Canal	Irrig.	.36	15	33	57	Sioux	June	1	1890	552	
Squaw Creek	S. M. Thomas	Harrison	Hamlin Canal	Irrig.	.01	10	33	57	Sioux	Apr.	1	1891	555	
Squaw Creek	Everett Thomas	Harrison	Thomas Canal	Irrig.	.50	10	33	57	Sioux	July	23	1901		627
Squaw Creek	Evelyn M. Robertson	Lingle, Wyo.	Shepherd Canal	Irrig.	3.16	36	34	57	Sioux	Oct.	24	1927		1965
Squaw Creek	Everett Thomas	Harrison	Thomas Canal	Irrig.	.47	10	33	57	Sioux	Dec.	19	1950		4779
Squaw Creek, So.	Evelyn M. Robertson	Lingle, Wyo.	Shepherd Reservoir	Storage	†80 AF	2	33	57	Sioux	Jan.	29	1931		2189
Staudenmaier Res.	Charles Staudenmaier	Harrison	Staudenmaier Canals 1-2	Stor-only		16	33	54	Sioux	Oct.	7	1949		4764
Summers Res.	Con Jordan, et al	Harrison	Nolan Canals 1-2	Supp. I.	D-957	23	33	57	Sioux	June	12	1950		4859
				Stor-only		23	33	57	Sioux	June	12	1950		4859
Trout Reservoir	Con Jordan, et al	Harrison	Trout Canals 1-2	Supp. I.	D-959	23	33	57	Sioux	June	12	1950		4860
				Stor-only		23	33	57	Sioux	June	12	1950		4860
Turner Reservoir	Schnurr and Schnurr	Harrison	Turner Canal	Supp. I.	D-537	26	34	57	Sioux	July	3	1922		1676
Turner Reservoir	Schnurr and Schnurr	Harrison	Turner Canal	Stor-only		26	34	57	Sioux	July	3	1922		1677
Vyzourek Reservoir No. 2	Emil W. Vyzourek	Ardmore. S. D.	Emil Canal	Stor-only		27	35	54	Sioux	Oct.	7	1940		3457
Vyzourek Reservoir No. 3	Emil W. Vyzourek	Ardmore. S. D.	Vyzourek Canal	Stor-only		27	35	54	Sioux	Dec.	6	1940		3458
Wallace Reservoir	Merritt C. Wallace	Harrison	Wallace Canal	Stor-only		29	35	56	Sioux	Sept.	16	1946		4036

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Warbonnet Creek	John T. Coffee	Harrison	Warbonnet Canal	Irrig.	8.63	21	33	56	Sioux	July	31	1880	548	
Warbonnet Creek	Con and Henry Jordan	Harrison	Nolan Canal No. 1	Irrig.	.01	23	33	57	Sioux	Mar.	15	1887	957	
Warbonnet Creek	Con and Henry Jordan	Harrison	Nolan Canal No. 2	Irrig.	.29	23	33	57	Sioux	May	1	1888	959	
Warbonnet Creek	John T. Coffee	Harrison	Warbonnet Canal No. 2	Irrig.	1.50	20	33	56	Sioux	Mar.	11	1908		892
Warbonnet Creek	Gertrude Wasserburger	Ardmore, S. D.	O'Connell Canal	Irrig.	.35	17	33	55	Sioux	June	20	1932		2274
Warbonnet Creek, Ravine, Trib. to	Con and Henry Jordan	Harrison	Summers Reservoir	Storage	†4 AF	23	33	57	Sioux	June	12	1950		4697
Warbonnet Creek, Ravine, Trib. to	Con and Henry Jordan	Harrison	Trout Reservoir	Storage	†8 AF	23	33	57	Sioux	June	12	1950		4698
Warbonnet Creek, Sp. Br., Trib. to	John T. Coffee	Harrison	Biehle Canal	Irrig.	.23	32	33	56	Sioux	Apr.	1	1891	538	
Warbonnet Creek, Sp. Br., Trib. to	John T. Coffee	Harrison	Garton Canal	Irrig.	1.43	31	33	56	Sioux	Oct.	16	1893	503	
Warbonnet Creek, South Branch	John T. Coffee	Harrison	Kay Canal	Irrig.	.14	26	33	57	Sioux	May	1	1887	958	
Warbonnet Creek, South Branch	John T. Coffee	Harrison	Dout Canal	Irrig.	.71	30	33	56	Sioux	May	31	1889	539a	
Warbonnet Creek, South Branch	John T. Coffee	Harrison	Dout Canal	Irrig.	.29	30	33	56	Sioux	Dec.	31	1891	539b	
Warbonnet Creek, South Branch	Slattery Land and Cattle Co.	Harrison	Zerbst Canal No. 2	Irrig.	.17	25	33	57	Sioux	Mar.	6	1915		1404
Warbonnet Creek, South Branch	Slattery Land and Cattle Co.	Harrison	Zerbst Canal No. 1	Irrig.	.03	26	33	57	Sioux	Mar.	6	1915		1405
Wasserburger Res.	Jacob Wasserburger	Montrose	Wasserburger Canal	Supp. I.	A-581	29	34	54	Sioux	May	6	1940		3581
				Stor-only		29	34	54	Sioux	May	6	1940		3581
Whitehead Creek	John Geiser	Crawford	Geiser Canal	Irrig.	1.24	4	34	54	Sioux	Mar.	13	1941		3414

Whitehead Creek, Sp. Br., Trib. to	Albert Meng	Crawford	Harrison Canal	Irrig.	.06	13	33	54	Sioux	May	30	1888	547	
Whitehead Creek, Ravine, Trib. to	Ellen M. Raben	Crawford	Raben Reservoir	Storage	†15 AF	22	34	54	Sioux	Feb.	19	1942		3553
Whitehead Creek, Ravine, Trib. to	Albert Meng	Crawford	Whitehead Reservoir	Storage	†17 AF	13	33	54	Sioux	Dec.	5	1949		4541
Whitehead Creek, Ravine, Trib. to	Ellen M. Raben	Crawford	Raben Reservoir No. 2	Storage	†99 AF	23	34	54	Sioux	Jan.	13	1950		4569
Whitehead Res.	Albert Meng	Crawford	Whitehead Canal	Stor-only		13	33	54	Sioux	Dec.	5	1949		4865
Wickersham Res.	Wickersham Cattle Co.	Harrison	Wickersham Canal	Stor-only		30	33	54	Sioux	Dec.	24	1930		2203
Wiedenfeld Res.	H. F. Wiedenfeld	Ardmore, S. D.	Wiedenfeld Canals 1-2	Stor-only		25	35	55	Sioux	Jan.	2	1952		5193
Zerbe Reservoir	Frank Zerbe	Harrison	Zerbe Canal	Stor-only		4	32	55	Sioux	July	6	1940		3422
Zimmerman Res.	Cleve Zimmerman	Harrison	Zimmerman Canal No. 3	Stor-only		27	33	55	Sioux	Nov.	9	1950		4867

†Reservoir capacity alleged by applicant.
Supp. I. 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. 2-F

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Aowa Creek	E. C. Iverson	Ponca	Pump	Irrig.	.34	23	30	6E	Dixon	Aug.	5	1946		3938
Bazille Creek	Frank Jirous 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	Howard W. Keck	Creighton	Benedict Water Wheel	Irrig.	.13	28	29	5	Knox	Apr.	17	1931		2198
Bazille Creek	Wm. R. McGill	Center	Pump	Irrig.	1.03	27	31	5	Knox	Oct.	1	1931		2242
Bazille Creek	Chas. S. Dalton	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	Elmer F. Lutt	Niobrara	Pump	Irrig.	.31	22	31	5	Knox	Oct.	18	1939		2984
Bazille Creek	Helen F. Condon, et al	Creighton	Pump	Irrig.	1.11	34	29	5	Knox	Apr.	8	1948		4242
Bazille Creek	Victor Ebel	Creighton	Pump	Irrig.	.09	8	28	5	Antelope	May	24	1948		4271
Bazille Creek	John Mathine	Creighton	Pump	Irrig.	.62	16	29	5	Knox	Dec.	1	1952		5093
Bazille Creek	Laura Rhodes	Norfolk	Pump	Irrig.	.50	9	29	5	Knox	Mar.	2	1953		5197
Bazille Creek	Maude G. Frerichs	Belle Fourche, S. D.	Pump	Irrig.	.19	9	29	5	Knox	Aug.	13	1953		5471
Bazille Creek	August C. Hinzmann	Creighton	Pump	Irrig.	.09	34	30	5	Knox	Dec.	7	1953		5774
Bazille Creek, Ravine, Trib. to	Laura Rhodes	Norfolk	Key Reservoir	Storage	†10 AF	9	29	5	Knox	Nov.	14	1952		5070
Bazille Cr., Little	Elmer York	Center	Pump	Irrig.	.09	14	30	5	Knox	Sept.	7	1938		2882
Beaver Creek	Gregory Steffen	Crofton	Pumps	Irrig.	1.06	1	32	2	Knox	Jan.	9	1954		5855
Bow Creek	A. W. Jones	Wynot	Bow Valley Mills	Power	52.00	11	32	2E	Cedar	Spg.		1869	1050	
Bow Creek	A. W. Jones	Wynot	Pump	Irrig.	1.00	11	32	2E	Cedar	Dec.	19	1936		2673
Bow Creek	Robert B. Elliott	Hartington	Pump	Irrig.	.26	13	30	1	Cedar	Oct.	9	1946		3977
Bow Creek	Edgar J. Stratman	Wynot	Pump	Irrig.	.33	11	31	2E	Cedar	July	30	1947		4089
Bow Creek	Charles Tigges	Fordyce	Pump	Irrig.	.36	14	31	2E	Cedar	Feb.	6	1948		4203

Bow Creek	William Heimes	Hartington	Pump	Irrig.	.31	22	31	2E	Cedar	Mar.	16	1948	4284
Bow Creek	Otto Leise	Crofton	Pump	Irrig.	.31	29	31	2E	Cedar	July	6	1948	4302
Bow Creek	Lorenz Kathol	Hartington	Pump	Irrig.	.34	11	30	1E	Cedar	July	21	1948	4309
Bow Creek, West	Frank Eickhoff	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	23	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
Ground Water	Margaret P. Hynes	Omaha	Hynes Ranch Well	Irrig.		28	20	11E	Washington	Mar.	30	1954	6121*
Ground Water	Margaret P. Hynes	Omaha	Hynes Well	Irrig.		29	20	11E	Washington	Mar.	30	1954	6122*
Ground Water	Margaret P. Hynes	Omaha	Hynes Well	Irrig.		29	20	11E	Washington	Mar.	30	1954	6123*
Key's Reservoir	Laura Rhodes	Norfolk	Key's Sprinkler System	Stor-only		9	29	5	Knox	Nov.	14	1952	6692
Norwegian Bow Cr	F. H. Arens	Hartington	Pump	Irrig.	.34	20	31	1E	Cedar	June	17	1938	2877
Papillion Creek	W. G. Heaton	Bellevue	Pump	Irrig.		11	13	13E	Sarpy	Mar.	24	1954	6089
Papillion Creek, South Fork	Herman Borman, et al	Papillion	Pump	Irrig.	.82	17	14	12E	Sarpy	July	24	1936	2594
Papillion Creek, South Fork	Harland Trumble	Papillion	Pump	Irrig.	.51	21	14	12E	Sarpy	Nov.	19	1940	3331
Papillion, Big, North Fork	J. C. Krska	So. Omaha	Pump	Irrig.	1.53	19	14	13E	Sarpy	Nov.	10	1936	2657
Papillion, Big, North Fork	Frank Hulac	Omaha	Pump	Irrig.		29	14	13E	Sarpy	Apr.	5	1954	6162
Papillion, Big, North Fork	John H. Dietz	Omaha	Pump	Irrig.		13	14	12E	Sarpy	Aug.	6	1954	6567
Pearl Creek	Raymond Christensen	Hartington	Pump	Irrig.	.16	34	30	1E	Cedar	Feb.	24	1948	4212

*Claim not adjudicated, or application not approved.
†Reservoir capacity alleged by applicant.
Stor-only. Land does not have a direct flow appropriation.
Priority for irrigation wells not established.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Perrin Creek	Lester Bartels	Laurel	Pump	Irrig.	.66	30	29	3E	Cedar	May	3	1937		2738
Ponca Creek	C. G. Pratt	Bristow	Pump	Irrig.	.57	14	33	11	Boyd	Mar.	19	1953		5208
South Creek	Frank Stark	Ponca	Pump	Irrig.	.69	28	30	6E	Dixon	Feb.	26	1942		3556
South Creek	Jay E. Lund	Allen	Pump	Irrig.	.11	15	29	5E	Dixon	July	25	1946		3931
South Creek	Jay E. Lund	Allen	Pump	Irrig.	.04	22	29	5E	Dixon	Dec.	26	1946		4014
South Creek	Henry W. Lahrs	Allen	Pump	Irrig.	.20	28	29	5E	Dixon	Mar.	29	1948		4237
South Creek	E. E. Refshauge	Lincoln	Pump	Irrig.		21	29	5E	Dixon	Aug.	25	1954		6639
Spring Creek	Chas. H. Stochl	Creighton	Pump	Irrig.	.03	21	29	5	Knox	Oct.	25	1935		2564
Springs	Ellen Nye	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
Whisky Creek	M. B. Nelson	Bristow	Pump	Irrig.		24	34	11	Boyd	Mar.	19	1954		6078

†Reservoir capacity alleged by applicant.

WATER APPROPRIATIONS
CANCELED AND DISMISSED

CLAIMS AND APPLICATIONS CANCELLED OR DISMISSED FROM SEPTEMBER 30, 1952 to September 30, 1954

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Am't Cancelled Sec.-ft.	Location of Diversion or Dam S	T	R	County	Cancellation or Dismissal Date Mo.	D	Yr.	Doc. No.	App. No.
Division 1-A														
Ash Creek	Herman Lobner	Lewellen	Gillard Canal	Irrig.		3	16	42	Garden	May	10	1954		5296
Buffalo Creek	E. M. Robbins	North Platte	Pump	Irrig.		1	9	20	Dawson	Dec.	9	1953		5131
Buffalo Creek	Donald France	Lexington	Pump	Irrig.		26	10	21	Dawson	Aug.	13	1954		5965**
Bull Slough	Wilbur E. Contryman	North Platte	Pump	Irrig.		24	14	36	Keith	Mar.	8	1954		5341
North Platte R.	Geo. D. Theobald	Lisco	Lisco Canal	Irrig.		14	18	47	Morrill	Nov.	27	1953		5263
North Platte R.	Martin Hasenauer	North Platte	Pump	Irrig.		12	14	31	Lincoln	July	6	1954		5957
North Platte R., Trib. to	M. J. Swanson	Henry	Swanson Canal	Irrig.		11	23	58	Scotts Bluff	Jan.	12	1953		5054**
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Gothenburg Canal	Irrig.	*	19	12	26	Lincoln	Jan.	27	1953	645b*	
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	*2.29	18	10	23	Dawson	Apr.	23	1953		2110*
Platte River	Benton Miller	Maxwell	Pump	Irrig.		29	13	28	Lincoln	Apr.	6	1953		5009
South Platte River	Ben Mauser	Big Springs	Pump	Irrig.		35	13	42	Deuel	Aug.	5	1954		5831
Spring (Strever) Creek	Wilfred V. Stuart	Lexington	Pump	Irrig.		4	9	21	Dawson	Jan.	4	1954		5458**
Strever Creek, Branch of	Lawrence P. Stear	Cozad	Pump	Irrig.		21	11	23	Dawson	Aug.	13	1954		5760**

Division 1-B

Beaver Creek	Fred W. Clark	McCook	Pump	Irrig.		33	1	28	Red Willow	Aug.	5	1954	5025
Beaver Creek	W. R. Redfern	Marion	Pump	Irrig.		36	1	29	Red Willow	Dec.	9	1953	5164
Beaver Creek	Fred Lienemann	Wilsonville	Pump	Irrig.		31	2	24	Furnas	Mar.	15	1954	5195
Beaver Creek	Dale A. Murphy	Wilsonville	Pump	Irrig.		32	2	55	Furnas	Dec.	9	1953	5220
Beaver Creek	L. C. Harper	Beaver City	Pump	Irrig.		24	2	23	Furnas	Jan.	4	1954	5328
Beaver Creek, Ravine, Trib. to	Fred W. Clark	McCook	Clark Reservoir No. 1	Storage		33	1	28	Red Willow	Aug.	5	1954	5026
Beaver Creek, Ravine, Trib. to	Fred W. Clark	McCook	Clark Reservoir No. 2	Storage		33	1	28	Red Willow	Aug.	5	1954	5027
Center Creek	W. K. Versaw, et al	Franklin	Pump	Irrig.	.18	27	2	15	Franklin	June	16	1954	3169
Elm Creek and Springs	Barta Brothers	Red Cloud	Pump	Irrig.		28	2	10	Webster	Aug.	6	1953	5374**
Frenchman River	Harry Morthole	Culbertson	Pump	Irrig.		12	3	.2	Hitchcock	Dec.	9	1953	5179
Frenchman River	Floyd W. Rice	Palisade	Pump	Irrig.		34	5	34	Hayes	Mar.	8	1954	5392
Red Willow Creek	F. Forest Felker	Hayes Center	Pump	Irrig.	.97	22	6	31	Hayes	Sept.	23	1954	3111
Red Willow Creek	Lowell Ruggles	McCook	Pump	Irrig.		16	3	28	Red Willow	Jan.	4	1954	5324
Republican River	Dale Mills	Benkelman	Pump	Irrig.		24	1	39	Dundy	Dec.	9	1953	5259
Republican River	Richard Bowen	Red Cloud	Pump	Irrig.		6	1	10	Webster	Mar.	8	1954	5423
Republican River	James Claud Gates	Inavale	Pump	Irrig.		4	1	12	Webster	Aug.	5	1954	5755
Spring Creek	Harry W. White	Benkelman	White Canal	Irrig.		24	1	38	Dundy	Dec.	9	1953	5162
Stinking Water Cr	Walter E. Ruettimann	Hamlet	Pump	Irrig.		1	5	35	Hayes	May	13	1954	5615
Thompson Creek	Roy White	Riverton	Pump	Irrig.		15	2	13	Franklin	May	13	1954	5570
Thompson Creek, Springs, Trib. to	C. F. Eshelman	Riverton	North Spring Canal	Irrig.	.09	10	2	13	Franklin	Aug.	6	1953	2278

**Application dismissed.
*Part of appropriation canceled.

CLAIMS AND APPLICATIONS CANCELLED OR DISMISSED FROM SEPTEMBER 30, 1952 to September 30, 1954

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Am't Cancelled Sec.-ft.	Location of Diversion or Dam				Cancellation or Dismissal Date			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Turkey Creek	C. K. Mousel	Edison	Pump	Irrig.		26	5	22	Gosper	Dec.	9	1953		5161
Turkey Creek	C. K. Mousel	Edison	Pump	Irrig.		24	5	22	Gosper	Dec.	9	1953		5186
Turkey Creek	John Best	Oxford	Pump	Irrig.		13	4	22	Furnas	June	11	1954		5656
Wasp Creek	Osterbuhr and Hadan	Franklin	Osterbuhr Canal	Irrig.	.18	28	2	14	Franklin	Apr.	24	1953		3192
Whitman Creek	Kilpatrick Bros. Co.	Beatrice	Whitman Canal	Irrig.		22	6	39	Chase	Jan.	5	1953		4972
Division 1-C														
Blue River, Little	A. Louis Bexten	Hastings	Pumps	Irrig.	1.60	25	6	10	Adams	Feb.	2	1954		1908
						31	6	9	Adams	Mar.	12	1954		1908
Blue River, Little	John T. Weyenberg	Hastings	Pumps	Irrig.	1.20	17	5	8	Clay	Sept.	23	1954		2243
Blue River, Little	Stanley Larson	Ayr	Pump	Irrig.		11	5	11	Adams	Feb.	2	1954		5358
Blue River, Little	Ray S. Bailey	Hebron	Pump	Irrig.		10	2	2	Thayer	Mar.	8	1954		5409
Blue River, Little	Kenneth Gerloff	Ayr	Pump	Irrig.		33	6	10	Adams	May	13	1954		5646
Rose Creek	Bryan G. Lamb	Hubbell	Lamb Reservoir	Storage	†8 AF	29	1	1	Thayer	Aug.	6	1954		3568
Rose Creek	Lloyd V. Wright	Reynolds	Pump	Irrig.		17	1	1E	Jefferson	Apr.	16	1954		5563
Division 1-D														
Beaver Creek Res.	Albert Oswald	Aurora	Pump	Irrig.		28	10	7	Hamilton	Sept.	1	1953		5119
Blue River, Big	August Siedhoff	Milford	Pump	Irrig.		32	9	4E	Seward	Jan.	4	1954		5346
Blue River, Big	Walter Gass	Seward	Pump	Irrig.		17	11	3E	Seward	Feb.	2	1954		5375
Blue River, Big, W. F.	Mary Badger Halsey	Fairmont	Pump	Irrig.		2	8	3	Fillmore	Apr.	15	1954		5494

Lincoln Creek	C. Henry Meyer	Lincoln	Pump	Irrig.	.36	22	11	4	York	Mar.	15	1954	4473
Lincoln Creek	L. O. Livingston	York	Pump	Irrig.	*.07	25	12	2	York	Nov.	25	1952	4792*
School Creek	Henry Trautman, et al	Sutton	Pump	Irrig.	.16	17	8	4	Fillmore	Apr.	24	1953	3141
School Creek	Ralph Vauck	Sutton	Pump	Irrig.		17	8	4	Fillmore	July	16	1953	5097
Turkey Creek	Frank M. Kohler	Geneva	Pump	Irrig.		21	7	2	Fillmore	Nov.	4	1952	4913
Division 1-E													
Lodgepole Creek	Kimball Irrig. District	Kimball	Kimball Canal	Irrig.	*	36	15	57	Kimball	Apr.	28	1954	897*
Lodgepole Creek	George H. Rabe	Chappell	Pump	Irrig.		12	12	44	Deuel	Nov.	4	1952	4956
Division 1-F													
Muddy Creek	Miner and Walker	Verdon	Pumps	Irrig.		23	2	15E	Jefferson	Feb.	2	1953	4974
Muddy Creek	L. C. Shafer	Verdon	Pumps	Irrig.		23	2	15E	Jefferson	Feb.	2	1953	4975
Muddy Creek	Robert B. Shanks	Stella	Pump	Irrig.		9	3	14E	Richardson	Aug.	5	1954	5783
Nemaha R., N. F.	R. C. McPherrin	Tecumseh	Pump	Irrig.		24	5	10E	Johnson	Jan.	4	1954	5334
Nemaha R., N. F.	Lawrence M. Weaver	Salem	Pump	Irrig.		33	2	15E	Richardson	Aug.	5	1954	5789
Weeping Water Cr	Vernon Schewe	Murdock	Pump	Irrig.		35	11	10E	Cass	June	11	1954	5702
Wilson Creek	Arnold J. Ritter	Talmage	Pump	Irrig.		25	7	12E	Otoe	June	11	1954	5687
Division 2-A													
Beaver Creek	Glenn Roberts	St. Edward	Pump	Irrig.		1	18	5	Boone	Apr.	16	1954	5478
Beaver Creek	Geo. T. Cuming	St. Edward	Pump	Irrig.		12	18	5	Boone	May	13	1954	5558
Beaver Creek	H. C. Gregory	Genoa	Pump	Irrig.		20	18	4	Nance	May	13	1954	5641
Calamus River	Calamus Irrig. District	Harrop	Calamus Canal	Irrig.	*30.19	5	24	20	Loup	Apr.	24	1953	1785*
Cedar River	H. C. Groeteke	Columbus	Pump	Irrig.		7	19	8	Boone	Jan.	5	1953	4963

*Part of appropriation canceled.

CLAIMS AND APPLICATIONS CANCELLED OR DISMISSED FROM SEPTEMBER 30, 1952 to September 30, 1954

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Am't Cancelled Sec.-ft.	Location of Diversion or Dam				Cancellation or Dismissal Date			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Clear Creek	Fenton E. McEwen	Westerville	Pump	Irrig.		8	16	18	Custer	Feb.	24	1954		5221
Cottonwood Creek	Ray Hill	North Loup	Pump	Irrig.		8	17	16	Valley	Mar.	8	1954		5407
Goose Creek	F. Crook	Giles	Crook Canal	Irrig.	*3.30	33	25	24	Brown	May	22	1953		345*
Loup River	Tracy H. Tucker	Dannebrog	Pump	Irrig.		9	14	14	Sherman	Apr.	15	1954		5452
Loup River	Dinsdale Bros., Inc.	Palmer	Pump	Irrig.		7	15	7	Nance	May	18	1954		5586
Loup River	Frank R. Whitney	Fullerton	Pump	Irrig.		1	15	7	Nance	May	18	1954		5647
Loup River	J. H. Russell	Palmer	Pump	Irrig.		5	15	7	Nance	Aug.	5	1954		5762
Loup R., Middle	Middle Loup Public Power and Irrig. Dist.	Arcadia	Canal No. 4	Irrig.	*	36	18	17	Custer	Mar.	15	1954		2293*
Loup R., Middle	Middle Loup Public Power and Irrig. Dist.	Arcadia	Canal No. 2 (North)	Irrig.	*	10	19	18	Custer	Mar.	12	1954		2293*
Loup R., Middle	Middle Loup Public Power and Irrig. Dist.	Arcadia	Canal No. 3	Irrig.	*	1	17	17	Custer	Aug.	13	1954		2293*
Loup R., Middle	Middle Loup Public Power and Irrig. Dist.	Arcadia	Canal No. 1 (South)	Irrig.	*	10	19	18	Custer	May	10	1954		2293*
Loup R., Middle	Middle Loup Public Power and Irrig. Dist.	Arcadia	Canal No. 1 (South)	Irrig.	*	10	19	18	Custer	Aug.	13	1954		2293*
Loup R., Middle	Raymond Slagle	Sargent	Pump	Irrig.		9	19	18	Custer	Sept.	1	1953		5084
Loup R., Middle	Gertrude Sherman	Thedford	Pump	Irrig.		31	24	29	Thomas	Sept.	1	1953		5151
Loup R., Middle	John Eurek	Arcadia	Pump	Irrig.		28	16	15	Sherman	May	18	1954		5845
Loup R., Middle	Joseph Puncochar	St. Paul	Pump	Irrig.		15	14	10	Howard	June	11	1954		5684
Loup R., North	Almeria Public Power and Irrig. Dist.	Almeria	Almeria Canal	Irrig.	*.84	10	22	20	Loup	Sept.	23	1954		2868*

Loup R., North	Almeria Public Power and Irrig. Dist.	Almeria	Almeria Canal	Irrig.	*.36	10	22	20	Loup	Sept.	9	1954		2869*
Loup R., North	Donald L. Jacobsen	St. Paul	Pump	Irrig.		23	15	10	Howard	Feb.	2	1953		4984
Loup R., North	Edward J. Dubas	Burwell	Burwell-Sumter Canal	Irrig.		14	21	16	Garfield	Sept.	9	1954		5805
Loup R., North	Don Wilson	Burwell	Pump	Irrig.		29	21	15	Garfield	Sept.	29	1954		6561**
Loup R., South	E. J. Boblitz	Oconto	Boblitz Canal	Irrig.	.50	10	14	21	Custer	Sept.	9	1954	219a	
Loup R., South	E. J. Boblitz	Oconto	Boblitz Plant	Power	20.00	10	14	21	Custer	Sept.	9	1954	219b	
Loup R., South	Mrs. Ethel Perkins	Arnold	Perkins Canal	Irrig.	3.77	25	17	25	Custer	Nov.	4	1952		1994
Loup R., South	L. O. Glendy	Oconto	Pump	Irrig.	.55	14	14	21	Custer	Sept.	9	1954		3637
Loup R., South	Glenn Thomas	Eddyville	Pump	Irrig.		28	14	20	Custer	Apr.	30	1953		5031
Loup R., South	Loren T. Leonard	Callaway	Pump	Irrig.		29	16	23	Custer	July	16	1953		5083
Loup R., South	Lee Coulter	Ravenna	Pump	Irrig.		2	12	14	Buffalo	Jan.	4	1954		5313
Loup R., South	Walter Tillson	Poole	Pump	Irrig.		27	12	15	Buffalo	Aug.	5	1954		5814
Mud (Beaver) Cr.	Roy J. Banning	Mason City	Pump	Irrig.	.40	33	15	17	Custer	Apr.	28	1953		2800
Mud (Beaver) Cr.	Charles Givens	Litchfield	Pump	Irrig.	.40	35	14	16	Sherman	Apr.	24	1953		3361
Mud (Beaver) Cr.	Jess Powell	Litchfield	Pump	Irrig.		33	14	16	Sherman	May	13	1954		4489
Mud (Beaver) Cr.	Mortensen and Church	Ravenna	Pump	Irrig.		34	13	15	Sherman	July	16	1953		5067
Mud (Beaver) Cr.	Henry Hauck	Mason City	Pump	Irrig.		33	15	17	Custer	Dec.	9	1953		5274
Mud (Beaver) Cr.	Russell Adams, Jr.	Broken Bow	Pump	Irrig.		34	17	20	Custer	Dec.	9	1953		5289
Shell Creek	Frank J. Krivohlavek	Schuyler	Pump	Irrig.		2	17	3E	Colfax	Apr.	30	1953		5006
Timber Creek	Nellie Crouse	Belgrade	Pump	Irrig.		31	17	6	Nance	Mar.	13	1953		5004
Timber Creek	Mrs. Flora Palmer	Fullerton	Pump	Irrig.		25	17	7	Nance	Apr.	6	1953		5022
Timber Creek	Bertus Twiestmeyer	Belgrade	Pump	Irrig.		25	17	7	Nance	Sept.	1	1953		5127
Division 2-B														
Clearwater Creek	Wm. Thiele	Columbus	Pump	Irrig.		13	25	8	Antelope	Apr.	15	1954		5520
Elkhorn River	N. E. Cain, et al	O'Neill	Cain Canal	Irrig.	*2.30	32	29	11	Holt	Apr.	15	1953	283*	

*Part of appropriation canceled
**Application dismissed.

CLAIMS AND APPLICATIONS CANCELLED OR DISMISSED FROM SEPTEMBER 30, 1952 to September 30, 1954

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Am't Cancelled Sec.-ft.	Location of Diversion or Dam				Cancellation or Dismissal Date			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Elkhorn River	Harold Kester, Jr.	Clearwater	Pump	Irrig.		35	26	8	Antelope	Jan.	4	1954		5317
Elkhorn River, Trib. to	B. E. Adkins	Norfolk	Pump	Irrig.		27	24	2	Madison	Aug.	5	1954		5698
Jordan Creek	Axel and Wm. Spader	Waverly	Spader Reservoir	Storage		18	11	8E	Lancaster	Feb.	2	1954		5376
Logan Creek	Paul J. Hanson	Concord	Pump	Irrig.		28	28	4E	Dixon	Feb.	2	1954		5385
Oak Creek	Howard H. Garrison	Lincoln	Pump	Irrig.		19	12	6E	Lancaster	Apr.	15	1954		5498
Rock Creek	E. L. Frederick	Lincoln	Pump	Irrig.		34	12	8E	Lancaster	Apr.	15	1954		5512
Salt Creek	Edwin F. Schmeiding	Lincoln	Pump	Irrig.		7	10	7E	Lancaster	May	13	1954		5571
Union Creek	Norman C. Phifer	Stanton	Pump	Irrig.		11	22	1E	Stanton	Aug.	5	1954		5854
Wahoo Creek	Wesley E. Keiser	Ashland	Pump	Irrig.		20	13	9E	Saunders	Sept.	1	1953		5155
Wahoo Creek	Stanley Miller	Ashland	Pump	Irrig.		34	13	9E	Saunders	May	13	1954		5581
Division 2-C														
Hay Creek	Carl Powell	Cody	Pump	Irrig.		27	35	34	Cherry	Apr.	6	1953		5023
Newman Creek	Jay E. Heigh	Sparks	Newman Canal	Irrig.	.21	17	33	24	Keya Paha	Aug.	13	1954	617	
Niobrara River	Christian Milo Housh	Hay Springs	Pump	Irrig.		24	29	46	Sheridan	Sept.	1	1953		5152
Rush Creek	J. E. Brown Estate	Rushville	Brown Reservoir	Storage		33	31	43	Sheridan	Oct.	19	1953		5142**

Verdigre Creek	Harry Mitteis	Venus	Pump	Irrig.		32	29	7	Knox	Dec.	9	1953	5163
Verdigre Creek, Ravine, Trib. to	Albert Sukup	Walnut	Sukup Reservoir	Storage		22	30	7	Knox	Sept.	1	1953	5130
Division 2-D													
Dead Horse Creek	B. A. Geiser	Chadron	Geiser Canal	Irrig.	.16	17	32	49	Dawes	Dec.	15	1952	658
Larabee Creek	Clarence O. Sawyer	Rushville	Larabee Canal	Irrig.	*.36	6	34	44	Sheridan	Feb.	3	1953	2197*
Lone Tree Creek	Louis S. Bauer	Crawford	Bauer's Lone Tree Canal	Irrig.		22	34	51	Dawes	Aug.	5	1954	5746
Trunk Butte Cr.	John J. Chaulk	Chadron	Chaulk Canal	Irrig.	3.00	25	33	50	Dawes	Sept.	24	1953	1406
White Clay Creek	A. C. North	Fort Morgan, Colo.	Pump	Irrig.	*.19	36	35	45	Sheridan	Apr.	23	1953	2869*
Willow Creek	Ross Raum	Crawford	Raum Reservoir	Storage		22	32	53	Sioux	Dec.	9	1953	5258
Division 2-E													
Hay Creek-Wallace Res.	M. C. Wallace	Harrison	Hay Creek-Wallace Cana	Stor-only		19	35	56	Sioux	Jan.	27	1953	4958
Lickett Creek	Rex T. Coffee	Harrison	Lickett Canal	Irrig.	*1.01	27	33	54	Sioux	Nov.	3	1953	549*
Spring Creek	Floyd L. Hall	Harrison	Crystal Lake Reservoir	Storage		6	32	55	Sioux	Nov.	27	1953	5355
Spring Creek Res.	Schaefer Cattle Co.	Harrison	Spring Creek Canal	Supp. I.	D-532	7	32	55	Sioux	Sept.	24	1953	3310
Division 2-F													
Bazille Creek	Claude C. Foreman	Creighton	Pump	Irrig.		21	29	5	Knox	Sept.	1	1953	5111

**Application dismissed.
*Part of appropriation canceled.

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PUBLIC POWER DISTRICTS

AND

PUBLIC IRRIGATION DISTRICTS

PUBLIC DISTRICTS ORGANIZED UNDER CHAPTER 70, ARTICLE 6, REVISED STATUTES, 1943, As Amended
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	3,603
*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, Cuming, 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; (Continued on page 288)	

*District Inactive

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

Name of District	Headquarters	Municipalities Constituting District	Proposed Area in Acres to be Irrigated
Omaha Public Power District (Continued from page 287)	Omaha	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	
*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 Public 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, As Amended—RURAL ELECTRIFICATION DISTRICTS

Name of District	Headquarters	Municipalities Constituting 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 Villages 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 of Village of Mullen in

(Continued on page 290)

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

Name of District	Headquarters	Municipalities Constituting District
Custer Public Power District (Continued from page 289)	Broken Bow	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; Buffalo County, exclusive of the Cities of Kearney and Ravenna; Bristol Precinct in Sherman County; Brace, Bethel, Robb, Elwood, Harrison and Lincoln Voting Precincts in Gosper County; Birdwood, North Rosedale, Rosedale, Hall, Cox, Hershey, Hinman, Antelope, Fairview, Nowell, Miller, Osgood, Maxwell, Brady Island, Vroman, Sellers, Plant, Payne, Cottonwood, Gaslin, Peckham, Kem, Well, Box Elder and Walker Voting Precincts in Lincoln County; Fairview and Plumcreek Voting Precincts in Frontier 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 (Continued on page 291)

Elkhorn Rural Public Power District (Formerly Madison County Rural Public Power District) (Continued from page 290)		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
Franklin County Rural Public Power District	Franklin	Franklin 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
Imperial Public Power District	Imperial	City of Imperial
K.B.R. Rural Public Power District	Ainsworth	Keya Paha County; Brown County, exclusive of the Cities of Ainsworth and Long Pine; Rock County; Sparks, Kewanee, Wood Lake, Goose Creek, Elsmere, Pleasant Hill, Wilson, Loup, Cleveland, Evergreen, Schlegal, and Valentine Voting Precincts, exclusive of the City of Valentine, in Cherry County
McCook Public Power District	McCook	Red Willow County, exclusive of Tyrone, Lebanon, Beaver, Danbury, East Valley and North Valley Voting Precincts; Frontier County, exclusive of Garfield, Grant, Orafino, Earl and Muddy Voting Precincts; Hitchcock County; Walker, Jeffrey, Deer Creek, Fox Creek, Box Elder, Buchanan, Well, Medicine, Somerset, and Kem Voting Precincts in Lincoln County

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

Name of District	Headquarters	Municipalities Constituting District
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	Western, Washington, Walnut Grove, Logan, Jefferson, Bohemia, 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, exclusive of all incorporated cities and villages; Emerson, Pigeon, Summit, St. John's, Hubbard and Omad Voting Precincts, exclusive of all incorporated cities and villages, in Dakota County; Merry, Winnebago, Perry, Flourney, Thayer and Pender Voting Precincts, exclusive of incorporated cities and villages in Thurston County.

Northwest Rural Public Power District	Hay Springs	Dawes County, exclusive of the Cities of Chadron and Crawford; Beaver, Extension, Larabee, Milan, Wounded Knee, Hay Springs, Rushville, exclusive of the City of Rushville, Clinton, West Gordon, exclusive of the City of Gordon, East Gordon, exclusive of the City of Gordon, East Mirage, West Mirage, Minnetonka, Niobrara, and Heywood in Sheridan 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
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

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

Southwest Public Power District	Palisade	Hayes County; Hitchcock County, exclusive of Union, Freedom, Upper Driftwood, Grant, Logan, Cornell and Driftwood Voting Precincts and the Village of Trenton; Enterprise, Chase, Wauneta, Pioneer, Imperial and Logan Voting Precincts, exclusive of the City of Imperial, in Chase County; Dundy County, exclusive of the City of Benkelman; Perry Voting Precinct in Red Willow County
Stanton County Rural Public Power District	Stanton	Stanton County
Twin Valleys Public Power District	Cambridge	Furnas County, exclusive of the Cities of Cambridge, Arapahoe, Oxford and Beaver City; Harlan County, exclusive of the Cities of Alma and Orleans; Rock Falls, Industry, Lake and Prairie Voting Precincts, exclusive of the City of Holdrege, in Phelps County; North Valley, East Valley, Tyrone, Lebanon, Beaver and Danbury Voting Precincts in Red Willow County; Muddy, Earl, Orafino, Garfield and Grant Voting Precincts in Frontier County; West Muddy, Elk Creek, Union, Highland, East Muddy, Turkey Creek and Lincoln Voting Precincts in Gosper County
Wayne County Rural Public Power District	Wayne	Wayne County
Wheat Belt Public Power District	Sidney	Chambers, Lorenzo, Colton, Lodgepole, Bunkerhill, Pleasant View, Davison, Gurley, Union Valley, Huntsman and Eagle Voting Precincts in Cheyenne County; Redington, Court House Rock, Union, Kincaid, Weir-Lisco, Eastwood, Broadwater, Reilly Hill, and Storm Lake Voting Precincts in Morrill County; Lisco, Lost Creek, Blue Creek, Park, Sughrue and Rush Creek Voting Precincts in Garden County; North Chappell, South Chappell, Swan and Big Springs Voting Precincts in Deuel County.
York County Rural Public Power District	York	York County, exclusive of City of York; and Filmore 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
Buffalo County Public Power District	Kearney	Now in Dawson County Public Power District	Jan. 15, 1952
Dawson County Public Pump Irrigation Dist.	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 Nebr. Rural Public Power Dist.	April 11, 1942
Hamilton County Rural Public Power Dist.	Aurora	Now in Southern Nebr. Rural Public Power Dist.	April 11, 1942
Imperial Valley Public Power and Irrig. 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 Nebr. Rural Public Power Dist.	April 11, 1942
Mirage Flats Public Power and Irrigation Dist.	Hay Springs		Oct. 4, 1948
Republican River Public Power and Irrig. Dist.	Superior		July 11, 1950
South Platte Public Power and Irrigation Dist.	Ogallala		July 2, 1942
Southeastern Nebr. Rural Public Power Dist.	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	O'Kieffe Levee District	Feb. 26, 1951
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	Brookey Bottom Drainage District	Sept. 11, 1922 (Retards)
Dixon-Cedar	North and South Logan Drainage District	Feb. 17, 1925
Dodge	Farmland, Fremont and Railroad Drainage District	Nov. 5, 1950
Dodge	Ames Drainage District	Oct. 16, 1950
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

DRAINAGE DISTRICTS—Concluded

County	Name of District	Date of Approval of Plans
Knox	Frankfort Bottom Drainage District	Mar. 3, 1923 (Retards)
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
Lincoln	Drainage District No. 3	Rescinded
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	Nov. 28, 1949
Nemaha-Otoe	Peru Dike District No. 1	July 30, 1948
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 Drinage 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
Sarpy	Eastern Sarpy Drainage District (Repairs)	Feb. 28, 1951
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
Stanton	Stanton-Pilger Drainage District	Plans not app.
Thurston	Pender Drainage District	Feb. 28, 1951
Thurston	Drainage District No. 2	Sept. 2, 1932
Washington	Papio Valley Drainage District	Mar. 8, 1926
Washington	Bell Creek Drainage District	Jan. 13, 1947
Washington	Calhoun Drainage District	Feb. 21, 1918

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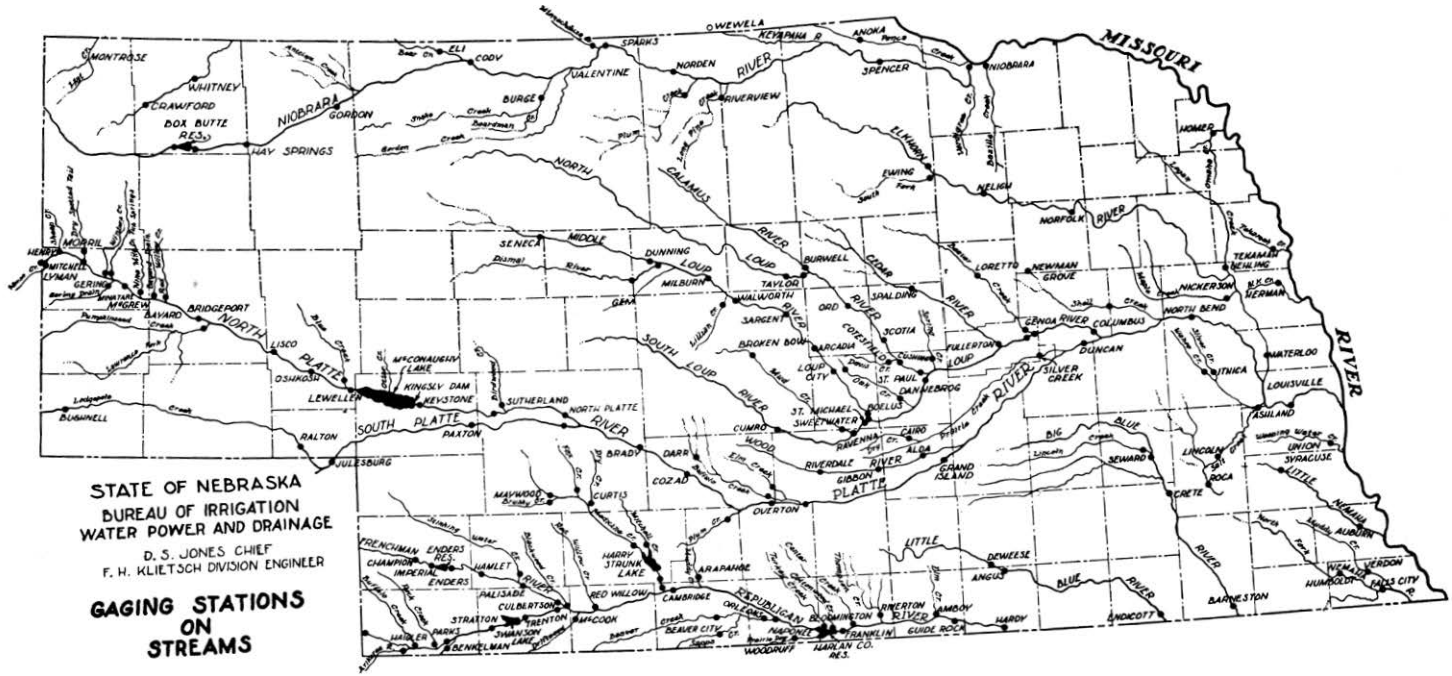
DIVISION OF HYDROGRAPHY


MISSOURI RIVER
NIOBRARA RIVER
NORTH PLATTE RIVER
SOUTH PLATTE RIVER
PLATTE RIVER
LOUP RIVER
MIDDLE LOUP RIVER
NORTH LOUP RIVER
CALAMUS RIVER
DUNNING
SENECA
BURWELL
ORD
ARCADIA
SARGENT
TAYLOR
MILBURN
WALWORTH
SPALDING
SCOTIA
COTESFIELD
BROKEN BOW
LOUP CITY
ST. PAUL
DANEBROG
ST. MICHAEL
SWEETWATER
ROSELUS
CUMRO
RAEVENNA
ALDA
CAIRO
RIVERDALE
GIBBON
GRAND ISLAND
DARR
BRADY
COZAD
OVERTON
CURTIS
MAYWOOD
FRENCHMAN
CHAMPION
IMPERIAL
ENDERS RES.
ENDERS
HAMLET
PALISADE
CULBERTSON
STRATTON
TRENTON
McCOOK
BENKELMAN
PARKS
HARDY
STRUNK LAKE
ARAPAHOE
RED WILLOW
CAMBRIDGE
REPUBLICAN
ORLEANS
BEAVER CITY
NAPONEE
WOODRUFF
HARLAN CO. RES.
FRANKLIN
BLOOMINGTON
GUIDE ROCK
HARDY
ANGUS
DEWEESE
BLUE
LITTLE
LINCOLN
SEWARD
YORK
CRETE
ROCA
LINCOLN
SYRACUSE
UNION
NEMAHA
AUBURN
NEMAHA
VERDON
FALLS CITY
HUMBOLDT
BARNESTON
ENDICOTT
AMBOY
RIVERTON
NAPONEE
ORLEANS
REPUBLICAN
BEAVER CITY
WOODRUFF
HARLAN CO. RES.
FRANKLIN
BLOOMINGTON
GUIDE ROCA

DISCHARGE MEASUREMENTS OF STREAMS
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
AKERS DRAW TO RIVER AT INTERSECTION WITH TRI-STATE CANAL							
Sec. 12-23-57 W.							
10- 7	21.5	12- 3	15.8	1-21	12.6	3- 5	11.4
10-22	18.4	12-17	13.5	2- 5	13.5	3-25	10.4
11- 4	11.9	1- 7	15.0	2-18	12.8	4-21	11.1
11-19	14.6						
ALLIANCE DRAIN							
Sec. 20-22-53 W.							
10-21	17.1	3- 3	6.6	6-11	14.2	8-13	6.2
11-10	13.4	3-24	5.6	6-18	.9	8-20	11.3
11-24	11.8	4- 7	6.4	6-25	14.5	8-27	8.6
12- 9	8.6	4-20	5.8	7- 2	1.6	9- 3	9.4
1- 6	8.6	5- 5	6.3	7- 9	1.0	9-10	13.9
1-20	8.7	5-20	.5	7-16	7.6	9-17	5.8
2- 3	6.7	5-27	.3	7-23	3.3	9-24	5.6
2-17	6.6	6- 2	1.6	7-30	10.6		
ANDERSON DRAIN							
Sec. 25-9-22 W.							
2- 5	1.3	6-11	1.2	9-11	0.5		
ANDERSON-DELMAR DRAIN							
Sec. 25-9-22 W.							
2- 5	1.4	6-11	1.4	9-11	0.2		
ANTELOPE CREEK ON NORTH LINE							
Sec. 32-33-41 W.							
10-24	0.1	1-14	0.0	4-23	1.1	8- 7	0.1
11-19	.1	2-13	.0	5-29	.4	8-25	.0
12-19	.0	3-11	5.1	7- 1	.1	9-24	.0
ANTELOPE CREEK NEAR GORDON							
Sec. 25-33-42 W.							
3-11	5.1	4-23	1.1	6-22	3.6		
ANTELOPE CREEK, TRIBUTARY TO, NEAR GORDON							
Sec. 13-33-42 W.							
3-11	0.2						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			ANTELOPE CREEK NEAR GORDON				
			Sec. 21-32-40 W.				
10-24	1.3	3-11	5.6	7- 1	1.0	9-24	0.6
12-19	1.0	4-23	3.2	8- 7	.7		
1-14	1.6	5-29	1.4	8-25	.6		
			ANTELOPE CREEK BELOW TURNER CANAL				
			Sec. 26-34-57 W.				
12-18	0.0	7-17	0.0				
			APPLEGATE DRAIN				
			Sec 31-14-33 W.				
10- 6	42.7	1-27	54.9	4-18	52.4	8-28	45.7
10-27	45.6	2- 7	57.1	5-15	52.3	9-25	45.0
11-18	50.3	3- 2	56.6	6-12	46.8		
12-20	54.1	3-14	57.0	7- 3	45.4		
1-10	53.9	3-24	51.0	7-24	42.9		
			ASH CREEK NEAR WHITNEY				
			Sec. 7-32-50 W.				
11-12	0.2	3-30	2.2	5-20	3.7	7-20	0.7
1- 3	.2	4-13	2.6	6-22	2.2	9- 5	.7
1-27	1.3						
			ASH CREEK, EAST, ABOVE BARRON CANAL				
			Sec. 32-32-50 W.				
11-12	1.3	5-20	3.7	7-20	1.3		
4-13	3.0	6-22	2.3	9- 5	.9		
			ASH CREEK, WEST, BELOW BARRON CANAL				
			Sec. 36-32-51 W.				
11-12	1.6	5-20	1.9	7-20	0.9		
4-13	2.5	6-22	1.3	9- 5	.7		
			BALD DRAIN				
			Sec. 32-23-56 W.				
10-17	9.4	1-27	5.7	4-14	3.4	6-25	62.5
11- 5	9.7	2-11	6.1	4-27	2.9	7-16	24.4
12- 2	4.4	2-24	4.0	5-13	128.0	8-21	34.7
12-16	6.4	3-10	4.5	5-28	10.1	9-14	19.4
1-13	5.8	3-31	3.9	6-10	59.5		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			BATIE DRAIN				
			Sec. 8-8-19 W.				
2- 5	3.5	3- 5	4.4	6-12	2.5	9-11	0.7
			BEAR CREEK NEAR MERRIMAN				
			Sec. 8-34-37 W.				
10-24	4.0	4-23	10.5	7- 1	4.3	8-25	2.0
11-19	.4	5-29	4.7	8- 7	2.8	9-24	3.4
12-19	4.2						
			BEAR CREEK ABOVE COLE DAM				
			SW¼NE¼ Sec. 14-34-37 W.				
10-24	0.3	4-23	16.2	7- 1	1.5	8-25	0.2
12-19	4.4	5-29	7.0	8- 7	1.2	9-24	.8
2-13	4.6						
			BEAR CREEK NEAR ELI				
			Sec. 25-34-36 W.				
10-24	2.5	1-14	10.2	4-23	20.8	8- 7	1.6
11-19	7.5	2-13	11.1	5-29	10.8	8-25	2.5
12-19	5.6	3-12	41.1	7- 1	2.5	9-24	2.4
			BEAVER CREEK				
			Sec. 29-34-46 W.				
10-27	1.5						
			BEAVER CREEK, BIG				
			Sec. 32-34-46 W.				
10-27	0.8	1-28	1.4	7-15	0.1	9-10	0.0
1- 2	1.3	5- 8	2.3	8-14	.1		
			BEAVER CREEK, LITTLE				
			Sec. 28-34-46 W.				
10-27	0.6	1-28	0.1	7-15	0.4	9-10	0.1
1- 2	.5	5- 8	.8	8-14	.1		
			BLUE CREEK ABOVE PAISLEY CANAL				
			Sec. 28-17-42 W.				
6-23	76.2	7- 2	98.1	7-16	84.7	7-27	134.0
6-26	89.1	7- 9	86.0	7-23	99.3	8-17	103.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
BOGGY CREEK BELOW WICKERSHAM DIVERSION DAM							
			Sec. 31-33-54 W.				
12- 5	0.0	1- 7	0.0	3-27	0.1	9-18	0.0
12-18	.0	1-30	.0	6-19	.1		
BORDEAUX CREEK, BIG, NEAR CHADRON							
			Sec. 14-33-48 W.				
10-27	2.6	12-30	1.8	3- 2	3.5	7- 6	2.7
11-10	2.4	1-12	3.1	4- 8	2.9	9-12	1.9
12-11	3.5	1-29	2.7	5- 6	3.8		
BORDEAUX CREEK, LITTLE, BELOW HARTZELL CANAL							
			Sec. 13-33-48 W.				
10-27	1.5	12-30	3.4	3- 2	4.2	7- 6	2.5
11-10	2.6	1-12	3.0	4- 8	3.2	9-12	1.1
12-11	3.4	1-29	3.2	5- 6	6.2		
BOSSUNG DRAIN, WEST							
			Sec. 15-9-22 W.				
2- 5	0.4	6-11	0.6	9-11	0.1		
BROWN CREEK NEAR LOUP CITY							
			Sec. 25-15-15 W.				
7- 7	0.8	8-13	2.6				
BUFFALO CREEK NEAR ELM CREEK							
			Sec. 33-9-18 W.				
10-10	31.3	12- 5	1.4	1-21	1.9	3-11	5.0
10-24	.9	12-19	1.2	2-10	2.6	3-25	1.7
11- 7	1.0	1- 6	1.2	2-27	2.7	4-16	2.2
11-21	.4						
BUFFALO CREEK, EAST BRANCH							
			Sec. 28-12-22 W.				
9- 2	12.9						
BULL DRAIN NEAR MAXWELL							
			Sec. 20-13-28 W.				
10- 1	3.5	1-14	3.2	3-31	3.8	7-17	3.2
10-14	3.9	1-27	3.8	4-28	4.0	8-12	3.3
11- 4	3.5	2-17	3.6	5-13	4.0	9- 2	3.3
12- 5	3.5	3- 3	4.4	5-27	2.9	9-23	2.9
12-16	4.9	3- 9	5.7	6-17	3.7		
1- 2	3.4	3-24	3.5	7- 8	3.7		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
CACHE CREEK NEAR EWING							
			Sec. 13-26-9 W.				
7-23	5.6						
CALAMUS RIVER NEAR HARROP							
			Sec. 22-23-18 W.				
6- 8	269.0	8-24	193.0	9- 1	212.0		
CARAWAY DRAIN, EAST							
			Sec. 15-9-22 W.				
2- 5	0.5	6-11	0.6	9-11	0.1		
CEDAR BRANCH CREEK NEAR NEVINS							
			Sec. 17-14-35 W.				
10-31	2.0	1- 8	2.1	3-27	1.7	7-17	1.8
11-19	2.0	1-30	2.2	5- 8	1.7	8-14	1.6
12- 9	2.0	2- 6	2.0	5-29	1.8	9-18	1.8
12-19	2.0	3-13	1.8	6-26	1.7		
CEDAR CREEK							
			Sec. 11-18-48 W.				
10- 2	8.5	12-29	13.9	2-14	12.3	3-31	13.7
11- 5	9.9	1- 5	13.9	2-25	13.6	4- 6	10.7
11-10	7.0	1-19	15.2	3- 3	12.9	4-13	13.5
11-29	5.9	1-28	14.0	3- 9	12.5	4-20	11.5
12- 8	13.0	2- 3	12.8	3-16	11.8	4-29	17.7
12-16	15.2						
CEDAR CREEK ABOVE SCHILT-CEDAR CREEK CANAL							
			Sec. 35-33-56 W.				
5-21	0.2						
CHADRON CREEK ONE-HALF MILE ABOVE CITY RESERVOIR							
			Sec. 19-32-48 W.				
10-20	1.4	12-30	2.4	2-11	2.4	6-10	3.0
11- 3	1.7	1-12	2.1	3- 2	2.7	7-21	.7
12-11	2.4	1-29	2.5	5- 6	3.1	9- 4	.9
CHADRON CREEK 500 FEET BELOW CITY RESERVOIR							
			Sec. 18-32-48 W.				
10-20	1.0	12-30	0.3	2-11	0.9	6-10	2.2
11- 3	.1	1-12	.9	3- 2	1.5	7-21	.0
12-11	.2	1-29	1.0	5- 6	3.1	9- 4	.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
CHESBRA CREEK NEAR TAYLOR							
			Sec. 20-21-18 W.				
8- 7	0.0	9- 7	0.0				
CLEAR CREEK BELOW PIBEL LAKE							
			Sec. 31-21-10 W.				
6-10	4.7	6-26	3.4	7-22	2.4	9-17	2.6
CLEAR CREEK							
			Sec. 5-15-41 W.				
11- 7	9.4	3-12	8.7	6- 4	4.9	8-13	8.0
11-12	9.0	3-27	2.6	7- 1	6.0	8-27	7.7
1- 9	9.4	5- 8	9.4	7-29	7.5	9-24	6.3
CLEARWATER CREEK NEAR CLEARWATER							
			Sec. 6-25-7 W.				
7-23	22.7						
CLEVELAND DRAIN							
			Sec. 6-20-52 W.				
10- 7	20.2	1-20	2.3	4-20	1.5	7-23	17.4
10-21	2.6	2- 3	1.9	5- 4	2.3	8-10	24.4
11- 8	2.5	2-17	3.8	5-18	24.8	8-29	23.0
11-26	2.0	3- 3	2.3	6- 1	12.8	9-14	22.3
12- 9	2.5	3-24	1.5	6-18	6.5		
1- 6	1.5	4- 7	1.6	7- 6	8.4		
COB CREEK NEAR LOUP CITY							
			Sec. 23-15-15 W.				
7- 7	0.0						
COLD WATER CREEK BELOW LISCO CANAL							
			Sec. 34-18-46 W.				
10- 2	3.3	2-14	2.8	4-14	4.1	7-15	3.2
11- 3	4.0	2-16	3.9	4-21	3.0	7-22	3.0
11-29	3.2	2-25	4.2	4-29	7.3	8- 6	3.4
12-12	3.2	3-11	3.8	5- 5	2.9	8-20	3.8
12-17	3.5	3-16	3.8	5-15	3.8	9- 2	3.3
12-29	3.1	3-24	4.1	5-28	3.4	9-24	3.5
1-12	3.4	3-31	3.6	6-25	3.5		
1-28	2.2	4- 7	6.1	7- 8	4.3		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
COLE CREEK NEAR LOUP CITY							
			Sec. 28-16-15 W.				
7- 7	0.1						
COTTONWOOD CREEK IN GORDON							
			Sec. 16-29-48 W.				
6-10	0.8	7-29	677.0	7-29	28.9		
COTTONWOOD CREEK NEAR DUNLAP							
			Sec. 27-29-48 W.				
10-27	1.0	3-25	1.3	6- 9	1.3	7-27	0.0
11-10	2.5	3-31	1.6	6-25	.1	8-11	.6
12-15	2.6	4-14	1.8	6-30	.1	8-26	.4
12-30	.0	4-27	1.3	7-14	.0	9-15	.1
1-12	2.7	5-12	1.5	7-21	.0	9-28	.2
COTTONWOOD CREEK, BIG							
			Sec. 22-33-50 W.				
10-20	0.8	2- 3	2.6	5- 4	26.2	7-28	1.1
11- 5	1.6	3-10	163.0	5-11	1.0	8-10	1.0
12-15	.0	3-17	17.2	5-25	.9	8-24	2.2
1- 3	.4	3-23	1.5	6-15	.8	9- 8	1.1
1-13	17.0	4- 6	4.0	6-29	3.6	9-21	1.4
1-27	14.3	4-20	1.2	7-13	1.5	9-29	.6
COTTONWOOD CREEK, LITTLE							
			Sec. 8-32-52 W.				
12-10	0.9	1-20	2.8	3-30	0.0	8-10	0.0
1- 6	1.4	1-29	4.8	5-18	.1	8-31	.0
COTTONWOOD CREEK, LITTLE, BELOW SIMMONS CANAL							
			Sec. 9-32-51 W.				
1-29	0.6	5-18	0.1	8-10	0.0	9-21	0.0
3-17	2.4	6-29	.0	8-24	.0		
3-30	.0	7-28	.0	9- 8	.1		
COTTONWOOD CREEK, LITTLE, NEAR BLOOMINGTON							
			Sec. 6-1-15 W.				
10- 9	2.0	4-23	2.2	6-19	1.7	9-25	1.4
11-21	2.4	5-29	1.7	8- 7	2.8		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			CROOKED CREEK NEAR RED CLOUD				
			Sec. 1-1-11 W.				
10- 9	0.8	4-23	1.6	6-19	0.8	9-25	0.2
11-21	1.4	5-29	1.9	8- 7	.2		
			CROOKED CREEK NEAR SPENCER				
			Sec. 12-33-12 W.				
6-11	3.2	6-24	0.4				
			DANE CREEK NEAR ORD				
			Sec. 20-19-14 W.				
6-13	4.4						
			DAVIDSON BRANCH CREEK NEAR CHAMPION BELOW KILPATRICK DAM				
			Sec. 20-6-39 W.				
10-23	0.0						
			DAVIS CREEK NEAR NORTH LOUP				
			Sec. 30-17-13 W.				
8-11	86.9						
			DAVIS CREEK NEAR NORTH LOUP				
			Sec. 33-17-13 W.				
6- 8	4.0	8-11	156.0				
			DAVIS CREEK, TRIBUTARY TO NORTH LOUP RIVER				
			Sec. 23-17-14 W.				
8-11	42.8						
			DAWSON COUNTY DRAIN NO. 2				
			Sec. 25-10-23 W.				
10-16	1.6	12-19	4.5	3-26	4.0	6-26	5.3
11-14	2.2	1- 8	4.5	4- 9	4.1	7-17	10.9
11-21	2.3	1-29	3.2	4-22	3.3	8-28	10.0
12- 5	1.4	3- 5	5.2	6- 5	3.8	9- 3	9.2
			DEAD HORSE CREEK				
			Sec. 32-33-49 W.				
11-12	1.5	1-29	0.2	3-30	1.1	7-20	0.9
1- 3	.2						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			DEAD HORSE CREEK NEAR LOUP CITY				
			Sec. 18-15-14 W.				
10-14	0.0	8-13	0.0	8-18	0.0	9- 8	0.0
7- 7	.0						
			DEEP CREEK NEAR GLEN				
			Sec. 32-31-53 W.				
8-15	3050.0						
			DEEP CREEK				
			Sec. 4-30-53 W.				
11- 5	0.6	1-10	0.5	1-31	0.5	6- 8	0.8
12-13	.6						
			DEER CREEK NEAR BOELUS				
			Sec. 27-13-12 W.				
7- 2	0.1	9- 3	0.1				
			DEGRAW DRAIN				
			Sec. 24-20-51 W.				
10-10	5.6	1-10	4.1	3-31	2.3	7-10	2.1
10-28	5.4	1-27	3.4	4-18	2.8	8-13	2.8
11-10	5.0	2- 9	2.1	5- 2	3.0	9- 5	1.4
12- 2	4.0	2-24	2.9	5-16	1.6	9-29	5.5
12-16	4.9	3-10	4.3	6-10	.9		
			DRINGMAN DRAIN				
			Sec. 32-14-33 W.				
10- 6	3.1	1-27	3.4	4-18	3.3	8-28	4.2
10-27	4.0	2- 7	4.1	5-15	3.4	9-25	3.1
11-18	4.8	3- 2	4.9	6-12	2.8		
12-20	8.6	3-14	4.7	7- 3	3.0		
1-10	3.7	3-24	4.6	7-24	4.1		
			DRY CREEK NEAR MERRIMAN				
			Sec. 17-34-37 W.				
10-24	0.9	1-14	0.0	4-23	8.0	8- 7	0.1
11-19	.0	2-13	.0	5-29	3.7	8-25	.0
12-19	.0	3-12	1.0	7- 1	.4	9-24	.0
			DRY CREEK				
			Sec. 36-8-14 W.				
8- 5	0.0						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			DRY CREEK				
			Sec. 8-7-14 W.				
8- 5	2.1						
			DUGOUT CREEK, UPPER				
			Sec. 20-20-50 W.				
10-10	16.5	12-13	7.7	2- 9	4.4	4-18	2.5
10-28	14.2	12-26	7.7	2-24	4.8	4-28	2.5
11-10	11.0	1-10	7.2	3-10	3.9		
11-28	8.4	1-27	5.4	3-31	2.7		
			EAGLE CREEK NEAR SPENCER				
			Sec. 24-32-12 W.				
6-25	59.8						
			ELKHORN CANYON CREEK NEAR MAYWOOD				
			Sec. 2-7-30 W.				
5-16	264.0	8-10	324.0				
			ELKHORN CANYON CREEK NEAR MAYWOOD				
			Sec. 31-8-29 W.				
5-16	130.0	8-10	446.0				
			ELM CREEK NEAR ELM CREEK				
			Sec. 33-9-18 W.				
10-10	2.6	12- 5	0.0	2-10	0.0	4-16	0.1
10-24	.0	12-19	.0	2-27	.0		
11- 7	.0	1- 6	.0	3-11	.0		
11-21	.0	1-21	.0	3-25	.0		
			ELMORE RESERVOIR STORAGE IN ACRE-FEET				
			From Snake Creek—Sec. 6-24-51 W.				
12-31	580	4-23	620	9-30	450		
			ENGLISH CREEK NEAR CRAWFORD				
			Sec. 2-31-52 W.				
11-15	0.1	1-10	0.1	4-11	0.1	8-15	0.1
			ERICKSON DRAIN				
			Sec. 14-12-28 W.				
2-13	2.0	6-16	1.6	9-16	1.7		
			EUREKA CREEK NEAR NAPONEE				
			Sec. 1-1-17 W.				
10- 9	0.0	4-23	0.1	6-19	0.0	9-25	0.0
11-21	.0	5-29	.1	8- 7	.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			FAIRFIELD SEEP				
			Sec. 18-21-53 W.				
12- 9	0.0	3-10	0.3	5-25	1.7	8-29	1.6
1- 6	.0	3-30	.0	6- 8	25.8	9-14	.5
1-30	.1	4-20	.0	6-29	.0	9-28	2.7
2-11	.0	5- 4	.0	7-13	6.3		
2-24	.0	5-19	.0	8-10	.7		
			FANNING SEEP ONE-HALF MILE NORTH OF MITCHELL BRIDGE				
			Sec. 28-23-56 W.				
10-17	4.7	1-27	2.2	4-14	0.8	6-25	1.3
11- 5	1.8	2-11	1.8	4-27	.6	7-16	1.2
11-20	4.3	2-23	2.0	5-13	.3	8-21	1.0
12-16	3.6	3-10	1.9	5-28	.7	9-14	1.2
1-13	3.5	3-31	1.1	6-10	2.9		
			FARMERS CREEK NEAR INAVALE				
			Sec. 5-1-12 W.				
10- 9	1.4	4-23	2.6	6-19	1.7	9-25	0.1
11-21	2.5	5-29	2.1	8- 7	.0		
			FLAG CREEK NEAR ORLEANS				
			Sec. 16-2-19 W.				
10- 9	0.4	4-23	1.5	6-19	0.9	9-25	0.2
11-21	1.4	5-29	2.5	8- 7	.4		
			FLOCK DRAIN				
			Sec. 8-13-29 W.				
1-10	6.5	3-21	9.7	5-29	10.2	8- 1	17.5
1-30	9.3	4-11	9.7	6-13	15.6	8-17	19.1
2-14	7.5	4-25	10.4	6-26	16.9	8-26	20.1
3- 7	8.4	5-23	13.7	7-18	18.1	9-16	20.3
			FLOCK DRAIN FROM SIPHON				
			Sec. 8-13-29 W.				
8- 1	62.5	8-17	48.7				
			FRAZIER CREEK NEAR MAYWOOD				
			Sec. 8-7-29 W.				
5-16	234.0	8-10	343.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			FREMONT SLOUGH ON HIGHWAY 83				
			Sec. 16-13-30 W.				
10-11	19.5	11-26	27.5	2-14	30.1	4-25	30.0
10-25	23.6	12-13	27.7	3- 7	37.9		
11- 1	24.4	1-10	28.5	3-21	30.4		
11-15	25.4	1-30	30.4	4-11	35.1		
			FREMONT SLOUGH BELOW SUTHERLAND POWER RETURN CANAL				
			Sec. 16-13-30 W.				
10-11	2.4	1-10	3.0	4-25	4.0	8- 1	1.9
10-25	3.1	1-30	4.0	5-23	2.7	8-17	2.1
11- 1	3.0	2-14	4.4	5-29	3.5	8-26	2.3
11-15	2.8	3- 7	4.6	6-13	2.7	9- 2	1.3
11-26	2.5	3-21	4.4	6-26	2.0	9-19	2.6
12-13	2.7	4-11	4.8	7-18	2.1		
			FREMONT SLOUGH				
			Sec. 17-13-29 W.				
10-11	7.8	1-10	13.2	4-25	11.8	8- 1	11.0
10-25	14.2	1-30	13.3	5-23	10.2	8-17	9.8
11- 1	13.6	2-14	13.8	5-29	10.0	8-26	11.5
11-15	15.3	3- 7	9.9	6-13	9.4	9-19	10.2
11-26	16.4	3-21	8.6	6-26	9.6		
12-13	13.5	4-11	10.4	7-18	10.9		
			FRENCHMAN RIVER NEAR LAMAR, STATION NO. 1				
			Sec. 32-7-41 W.				
10-23	0.2						
			FRENCHMAN RIVER NEAR LAMAR, STATION NO. 2				
			Sec. 4-6-41 W.				
10-23	1.4						
			FRENCHMAN RIVER NEAR LAMAR, STATION NO. 3				
			Sec. 10-6-41 W.				
10-23	3.8						
			FRENCHMAN RIVER ABOVE ARTERBURN RESERVOIR				
			Sec. 10-6-41 W.				
7- 6	3.4						
			FRENCHMAN RIVER ABOVE ARTERBURN RESERVOIR				
			Sec. 11-6-41 W.				
10-23	5.5						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
FRENCHMAN RIVER BELOW ARTERBURN RESERVOIR Sec. 13-6-41 W.							
10-23	6.6	7- 6	6.0				
FRENCHMAN RIVER NEAR CHAMPION, STATION NO. 6 Sec. 18-6-40 W.							
10-24	14.2						
FRENCHMAN RIVER NEAR CHAMPION, STATION NO. 7 Sec. 20-6-40 W.							
10-23	20.8						
FRENCHMAN RIVER ABOVE KILPATRICK RESERVOIR, STATION NO. 8 Sec. 22-6-40 W.							
10-23	28.9						
FRENCHMAN RIVER BELOW KILPATRICK DAM Sec. 23-6-40 W.							
10-23	29.3						
FRENCHMAN RIVER FROM FOERSTER BRANCH TRIBUTARY Sec. 26-6-39 W.							
10-23	0.1						
FRENCHMAN RIVER 3 MILES ABOVE CHAMPION, STATION NO. 10 Sec. 19-6-39 W.							
10-23	34.2						
FRENCHMAN RIVER FROM DAVISON BRANCH TRIBUTARY Sec. 20-6-39 W.							
10-23	0.0						
FRENCHMAN RIVER ABOVE CHAMPION MILL POND, STATION NO. 11 Sec. 20-6-39 W.							
10-23	44.4	10-24	45.6				
FRENCHMAN RIVER NEAR IMPERIAL, STATION NO. 13 Sec. 31-6-38 W.							
10-23	63.9						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
FRENCHMAN RIVER NEAR WAUNETA							
			Sec. 8-5-36 W.				
10-24	55.1						
FRENCHMAN RIVER NEAR WAUNETA, STATION NO. 17							
			Sec. 11-5-36 W.				
10-23	59.3						
FRENCHMAN RIVER BELOW CULBERTSON CANAL NEAR PALISADE							
			Sec. 31-5-33 W.				
6-10	21.1	7- 3	21.8	8- 4	12.0	9- 2	4.6
6-15	1.2	7- 9	29.8	8-25	19.5		
GINAPP DRAIN							
			Sec. 25-12-27 W.				
2-13	3.8	6-16	2.8	9-15	1.8		
GOOSE CREEK NEAR KOSHOPAH							
			Sec. 4-24-24 W.				
11- 5	21.6						
GORMLEY DRAIN							
			Sec. 21-13-29 W.				
3-13	1.2	6-17	0.9	9-16	0.9		
GRAVEL CREEK							
			Sec. 9-14-36 W.				
10-31	3.2	1- 8	3.2	5-14	3.0	8-14	2.5
11-19	3.1	1-30	3.4	6- 5	2.8	9-17	2.6
12-12	3.1	3-10	3.4	6-25	2.6		
12-18	3.0	4- 2	3.1	7-23	2.8		
GREENWOOD CREEK BELOW MEGLEMRE CANAL							
			Sec. 3-18-50 W.				
5-16	2.4	7-24	0.0	8-28	0.0	9-24	0.0
HAT CREEK ABOVE COFFEE CANAL							
			Sec. 35-33-55 W.				
12- 5	2.5	1- 7	3.1	3-27	2.9	6-26	2.0
12-18	2.2	1-30	2.5	4-24	2.2	8-27	1.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			HAWTHORNE CREEK NEAR ARCADIA				
			Sec. 23-17-16 W.				
7- 7	0.0						
			HAYS CREEK NEAR ARCADIA				
			Sec. 5-16-15 W.				
10-14	0.0	7- 7	0.0	8-13	0.0	9- 8	0.0
			HAYS CREEK NEAR WRAY, COLORADO				
			Sec. 32-2-43 W.				
7-16	5.6						
			HERSHEY DRAIN				
			Sec. 33-14-32 W.				
10-13	16.1	1-13	20.6	3-28	19.2	7-10	12.1
11-10	18.5	1-31	21.0	4-21	19.7	8- 7	11.9
12- 9	19.5	3- 2	22.5	5-22	16.1	9- 4	12.4
12-29	19.6	3-14	21.0	6-19	14.2		
			HONEY DRAIN				
			Sec. 6-9-22 W.				
2- 5	7.0	6-10	7.0	9-15	3.2		
			HONEY DRAIN NO. 2				
			Sec. 7-9-22 W.				
2- 5	3.4	6-10	20.0	9-11	14.0		
			HOOD DRAIN				
			Sec. 21-13-29 W.				
3-13	0.7	6-17	0.5	9-16	0.3		
			HOOKER CREEK				
			Sec. 31-32-51 W.				
11-15	0.0	4-11	0.1	8-15	0.1		
			HORSE CREEK				
			Sec. 23-1-39 W.				
4-15	2.4	6- 3	3.0	7-31	0.0	9- 2	0.0
			HYDE DRAIN				
			Sec. 20-10-26 W.				
2-13	4.9	5-19	3.4	7-15	4.5	9-15	3.2
4-16	3.9	6-16	3.5				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			INDIAN CREEK				
			Sec. 16-32-50 W.				
11-12	0.1	1-27	0.0	5-20	0.1	7-20	0.1
1- 3	.0	3-30	.1				
			INDIAN CREEK				
			Sec. 19-20-50 W.				
10-10	20.9	12-26	7.4	3-10	6.4	6-13	10.9
10-28	14.4	1-10	6.8	3-31	4.5	7-10	12.3
11-10	10.7	1-27	5.2	4-18	4.5	8- 1	29.9
11-28	8.1	2- 9	7.4	5- 2	5.0	9- 5	24.4
12-13	7.8	2-24	6.6	5-16	5.1	9-29	13.3
			INDIAN CREEK NEAR MAX				
			Sec. 23-2-36 W.				
4-15	6.1	7-31	1.1				
			INDIAN CREEK NEAR RED CLOUD				
			Sec. 4-1-11 W.				
10- 9	1.2	4-23	1.7	6-19	1.4	9-25	0.1
11-21	2.1	5-29	1.2	8- 7	.1		
			JIM CREEK				
			SW¼SE¼ Sec. 13-33-57 W.				
11-13	0.4	6- 5	0.4	8-13	0.2	9-25	0.2
1- 3	.5						
			JIM CREEK				
			Sec. 8-33-56 W.				
11-13	0.0	1- 7	0.0	6- 5	0.0	8-13	0.0
12- 5	.0	1-30	.1	7-17	.0	9-25	.0
12-18	.1						
			KAUFMAN-SCROGGINS-LAIER DRAIN				
			Sec. 15-10-24 W.				
2- 6	0 8	6-10	0.8	9-15	0.1		
			KEITH-LINCOLN CO. DRAIN NO. 2				
			Sec. 24-14-35 W.				
10- 8	3.7	12-19	1.3	3-13	0.9	6-26	3.0
10-29	2.4	1- 9	1.9	3-27	.6	7-17	3.1
11-19	1.9	1-30	1.2	5- 8	.9	8-14	3.3
12- 9	1.4	2- 6	.9	5-29	1.5	9-18	1.8

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 20 Sec. 3-14-38 W.						
10-10	0.0	3- 4	0.0	6-11	0.0	9-24	0.0
12-12	.0	3-26	.0	7- 2	.0		
1- 8	.0	5- 7	.0	7-30	.0		
1-29	.0	5-21	.0	8-27	.0		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 30 Sec. 3-14-38 W.						
10-10	0.1	3- 4	0.0	6-11	0.1	9-24	0.1
12-12	.0	3-26	.0	7- 2	.1		
1- 8	.0	5- 7	.0	7-30	.1		
1-29	.0	5-21	.0	8-27	.1		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 40 Sec. 3-14-38 W.						
10-10	0.0	3- 4	0.0	6-11	0.0	9-24	0.0
12-12	.0	3-26	.0	7- 2	.0		
1- 8	.0	5- 7	.0	7-30	.0		
1-29	.0	5-21	.0	8-27	.0		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 50 Sec. 34-14-38 W.						
10-10	0.0	3- 4	0.0	6-11	0.0	9-24	0.0
12-12	.0	3-26	.0	7- 2	.0		
1- 8	.0	5- 7	.0	7-30	.0		
1-29	.0	5-21	.0	8-27	.0		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 60 Sec. 34-15-38 W.						
10-10	1.0	3- 4	1.1	6-11	1.3	9-24	1.3
12-12	.8	3-26	1.1	7- 2	1.3		
1- 8	.9	5- 7	1.0	7-30	1.2		
1-29	1.0	5-21	1.0	8-27	1.2		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 70 Sec. 34-15-38 W.						
10-10	5.5	3- 4	5.5	6-11	5.0	9-24	5.0
12-12	5.2	3-26	4.9	7- 2	5.3		
1- 8	5.1	5- 7	5.1	7-30	5.1		
1-29	5.5	5-21	4.8	8-27	5.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 80							
Sec. 34-15-38 W.							
10-10	7.9	3- 4	6.6	6-11	6.7	9-24	6.7
12-12	7.1	3-26	6.4	7- 2	6.5		
1- 8	6.9	5- 7	6.8	7-30	6.8		
1-29	6.6	5-21	6.5	8-27	6.8		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 94							
Sec. 34-15-38 W.							
10-10	0.1	3- 4	0.1	6-11	0.1	9-24	0.1
12-12	.1	3-26	.1	7- 2	.1		
1- 8	.1	5- 7	.1	7-30	.1		
1-29	.1	5-21	.1	8-27	.1		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 100							
Sec. 34-15-38 W.							
10-10	2.1	3- 4	2.8	6-11	2.6	9-24	1.4
12-12	2.3	3-26	2.0	7- 2	2.4		
1- 8	2.3	5- 7	2.3	7-30	2.3		
1-29	2.1	5-21	2.4	8-27	1.7		
KOCH DRAIN							
Sec. 6-10-24 W.							
2- 6	0.8	6-10	0.9	9-15	0.6		
LAIER DRAIN							
Sec. 7-10-24 W.							
2- 6	4.1	6-10	3.6	9-15	3.4		
LANE DRAIN							
Sec. 30-23-57 W.							
10-16	7.0	1-14	2.0	4-15	1.5	7-22	12.0
11- 5	4.3	1-28	1.8	5- 6	1.1	8-19	12.1
11-19	3.9	2-10	2.2	5-20	1.3	9- 2	13.5
12- 3	2.8	2-25	1.3	6- 3	1.7	9-23	12.4
12-17	2.8	3-11	1.1	6-17	3.4		
12-30	1.9	4- 1	1.6	7- 1	5.0		
LARABEE CREEK							
Sec. 6-34-44 W.							
10-30	2.6	1-28	2.6	5- 8	5.8	8-14	2.3
12- 4	1.9	3- 5	3.9	6-17	3.4	9-10	1.7
1- 2	2.0	4- 8	5.5	7-15	2.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
LARSON DRAIN							
Sec. 10-8-20 W.							
2-11	2.7	4-16	2.3	6-12	2.4		
3-13	2.3	5-15	2.6	9-11	2.1		
LAWRENCE FORK CREEK EAST OF REDINGTON							
Sec. 25-19-52 W.							
6- 6	0.0	7-28	0.0	8-22	1.8	9-19	0.0
7-11	.0	8- 7	.9	8-29	.0	9-26	.0
7-24	.0	8-15	.0	9-12	.6		
LAWRENCE FORK CREEK ABOVE RANDALL CANAL							
Sec. 21-18-52 W.							
5-23	1.6	6-26	0.6	7-24	2.2	9-12	1.6
5-28	2.6	7-11	2.4	7-28	2.1	9-19	2.3
6- 6	2.9						
LAWRENCE FORK CREEK ABOVE CRIGLER CANAL							
Sec. 12-18-52 W.							
5- 9	8.9						
LAWRENCE FORK CREEK BELOW CRIGLER CANAL							
Sec. 1-18-52 W.							
5-23	2.5	5-26	0.0				
LINCOLN COUNTY DRAIN NO. 1 NEAR NORTH PLATTE							
Sec. 30-14-30 W.							
10- 7	82.8	12-10	44.4	2-10	29.4	4- 1	29.1
10-15	81.4	12-16	43.0	2-17	33.4	4- 8	27.5
10-22	67.8	12-30	40.0	2-26	28.6	4-15	27.4
10-28	63.9	1- 7	44.0	2- 6	33.8	4-24	28.4
11- 4	57.1	1-13	37.8	3-12	31.6		
11-20	50.0	1-28	34.6	3-18	30.6		
12- 2	47.6	2- 3	34.2	3-25	29.7		
LINCOLN COUNTY DRAIN NO. 2							
Sec. 12-14-33 W.							
10-13	2.9	1-13	2.6	4-21	2.2	8- 7	4.1
11-10	2.8	1-31	2.7	5-22	2.3	9- 4	3.8
12- 9	2.7	3-14	2.9	6-19	2.3		
12-29	2.8	3-28	2.5	7-10	3.3		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
LODGEPOLE CREEK ON WYOMING-NEBRASKA LINE							
Sec. 11-14-59 W.							
11-12	1.9	1-12	3.0	4-13	5.0	7-27	1.2
11-24	2.0	1-19	3.1	4-20	3.2	8- 3	2.4
12- 2	2.2	2- 3	2.3	5-18	2.9	8-18	2.0
12- 9	2.1	2-13	2.2	6- 1	.8	8-24	2.0
12-16	2.0	3- 9	4.0	6-15	1.6	9- 9	1.8
12-23	2.1	3-31	2.7	6-29	.2	9-14	1.6
1- 5	2.7	4- 6	2.6	7-13	.8		
LODGEPOLE CREEK BELOW OLIVER RESERVOIR AND NEW RUTTNER CANAL							
Sec. 31-15-56 W.							
10-15	2.0	12- 9	2.7	1-26	2.7	3-25	3.5
10-20	1.9	12-16	2.8	2- 2	2.7	4- 6	3.4
10-31	.9	12-23	2.7	2-13	1.9	4-13	3.5
11- 4	.9	12-29	2.7	2-16	3.1	4-19	3.7
11-12	1.2	1- 5	2.9	2-24	3.3	4-27	3.7
11-18	1.2	1-12	2.8	3- 3	2.7		
12- 2	2.7	1-19	3.1	3- 9	3.5		
LODGEPOLE CREEK NEAR KIMBALL BELOW OWASCO DIVERSION DAM							
Sec. 29-15-55 W.							
10-15	5.3	11- 4	2.6	11-24	6.4	1- 5	9.2
10-20	2.9	11-12	2.0	12-23	7.1	1-26	5.0
10-31	3.7	11-19	3.2	12-29	8.8	2- 2	7.0
LODGEPOLE CREEK ABOVE BENNETT RESERVOIR							
Sec. 29-15-55 W.							
12- 2	3.0	3-31	7.4	6- 9	1.2	8-18	9.3
12- 9	9.4	4- 6	7.8	6-16	1.4	8-26	6.5
12-16	7.6	4-13	8.0	6-30	.7	8-31	5.1
1-12	8.4	4-19	3.7	7- 7	1.4	9-15	.6
1-19	11.0	4-30	7.0	7-14	5.4	9-21	.5
2-16	12.5	5- 4	7.5	7-21	4.8	9-28	.4
3- 3	6.4	5-12	6.9	7-29	61.0		
3- 9	7.0	5-18	6.6	8- 3	16.1		
3-23	7.6	5-25	3.8	8-10	5.9		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

LODGEPOLE CREEK BELOW BENNETT RESERVOIR

Sec. 22-15-55 W.

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
12-23	0.7	3-31	0.3	5-12	0.0	8- 4	20.0
1-12	.5	4- 6	.5	5-25	.4	8-10	4.4
1-19	.7	4-13	.6	6- 9	.0	8-18	6.5
2-16	.5	4-19	.4	6-16	.2	8-26	15.2
3- 3	.3	4-30	.3	6-30	.1	9-28	.2
3- 9	.5	5- 4	.0	7- 7	.0		

LODGEPOLE CREEK NEAR DIX

Sec. 27-15-54 W.

10-15	0.0	12-16	0.0	3-23	0.0	7- 7	0.0
10-20	.0	12-23	.0	3-31	.0	7-14	.0
10-26	.0	12-29	.0	4- 6	.0	7-29	.0
10-31	.0	1- 5	.0	4-13	.0	8- 4	16.6
11- 4	.0	1-12	.0	4-19	.0	8-26	.0
11-12	.0	1-19	.0	4-30	.0	9-15	3.9
11-19	.0	2-15	.0	6- 9	.0	9-22	.0
11-24	.0	2-16	.0	6-16	.0	9-29	.0
12- 9	.0	2-24	.0	6-23	.0		

LODGEPOLE CREEK NEAR POTTER

Sec. 6-14-52 W.

10-15	0.0	12-29	0.0	4- 6	0.0	7-29	16.5
10-20	.0	1- 5	.0	4-13	.0	8- 4	8.3
10-28	.0	1-12	.0	4-20	.0	8-12	.0
11-12	.0	1-19	.0	4-30	.0	8-26	.0
11-19	.0	1-26	.0	5- 6	.0	9- 2	.0
11-24	.0	2-15	.0	6- 9	.0	9-15	.0
12- 2	.0	2-16	.0	6-16	.0	9-22	.0
12- 9	.0	2-24	.0	6-23	.0	9-29	.0
12-16	.0	3-23	.0	7- 7	.0		
12-23	.0	3-31	.0	7-14	.0		

LODGEPOLE CREEK SOUTH OF BRONSON ON WEST LINE

Sec. 19-14-50 W.

10-15	0.0	12-23	0.0	4-20	0.0	7-14	0.0
10-20	.0	12-29	.0	4-30	.0	7-29	.0
10-28	.0	1- 5	.0	5- 6	.0	8- 4	12.6
11-12	.0	1-12	.0	5-19	.0	8-12	.0
11-19	.0	1-19	.0	5-26	.0	8-26	.0
11-24	.0	1-26	.0	6- 9	.0	9- 2	.0
12- 2	.0	2-16	.0	6-16	.0	9-10	.0
12- 9	.0	2-24	.0	6-23	.0	9-22	.0
12-16	.0	3-23	.0	7- 7	.0	9-29	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

LODGEPOLE CREEK BELOW OLD ICKES DIVERSION
Sec. 28-14-50 W.

Date	Discharge Sec.-ft.
4- 1	0.4

LODGEPOLE CREEK BELOW RUNGE CANAL ON SOUTH LINE
Sec. 20-14-50 W.

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
10-15	0.9	12-23	1.8	4-30	0.6	8-12	1.0
10-20	.9	12-29	2.9	5- 6	.4	8-26	1.0
10-28	1.2	1- 6	2.9	5-13	.3	9- 2	.7
11- 5	1.6	1-19	2.2	5-19	.4	9-10	.8
11-12	1.5	2-16	4.1	6-10	.2	9-15	.4
11-19	2.0	3-23	.0	6-17	.2	9-22	.5
11-24	1.1	4- 1	.3	6-23	.3	9-29	.3
12- 2	.8	4- 7	.2	7- 7	2.8		
12- 9	2.4	4-14	.3	7-14	1.8		
12-16	2.0	4-21	.5	7-21	.9		

LODGEPOLE CREEK ON EAST LINE
Sec. 33-14-50 W.

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
10-15	0.0	12-16	0.0	4- 7	0.5	6-23	0.0
10-20	.0	12-29	.0	4-14	.4	7- 7	1.5
11-12	.1	1- 6	.0	4-30	.5	7-14	1.6
11-19	.1	1-12	.0	5-26	.2	7-21	1.0
11-24	.0	3-23	.1	6-10	.1		
12- 9	.0	4- 1	.4	6-17	.0		

LODGEPOLE CREEK AT AIRPORT ON EAST LINE
Sec. 34-14-50 W.

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
10-15	0.0	12-23	0.0	4-14	0.1	6-17	0.0
10-20	.0	12-30	.0	4-21	.2	7- 7	1.7
10-28	.0	1- 6	.0	4-30	.2	7-14	.7
11-12	.0	1-13	.0	5- 6	.2	7-21	1.5
11-24	.0	1-20	.0	5-13	.4	8-12	2.1
12- 2	.0	3-23	.0	5-19	.4	9-15	.0
12- 9	.0	4- 1	.0	5-26	.1	9-22	.0
12-16	.0	4- 7	.2	6-10	.1	9-29	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
LODGEPOLE CREEK NEAR SIDNEY CITY PARK							
			Sec. 6-13-49 W.				
10-15	0.0	12-30	0.0	5- 6	0.3	7-30	2220.0
10-20	.0	1- 6	.0	5-13	.0	8- 6	5.8
10-28	.0	1-13	.0	5-19	.0	8-11	3.0
11-12	.0	1-20	.0	5-26	.0	8-27	.9
11-19	.0	1-26	.0	6-10	.0	9- 2	1.0
11-24	.0	3-10	.0	6-17	.1	9-10	.7
12- 3	.0	3-23	.0	6-23	.1	9-15	.6
12-10	.0	4- 7	.0	7- 7	.1	9-22	.6
12-16	.0	4-14	.0	7-14	.4	9-29	.2
12-23	.0	4-21	.0	7-21	.6		
LODGEPOLE CREEK ON HIGHWAY 19							
			Sec. 5-13-49 W.				
10-16	0.3	12-26	0.0	4-21	0.0	7-14	0.8
10-20	.5	12-30	.0	5- 6	.0	7-21	.6
10-28	1.2	1- 6	.0	5-13	.0	8-12	3.9
11-12	.0	1-13	.1	5-19	.0	8-27	1.1
11-20	.1	1-20	.0	5-26	.0	9- 2	2 0
11-24	.0	2-17	.0	6- 2	.4	9-15	.4
12- 3	.0	3-10	.0	6-10	.0	9-22	.7
12-10	.0	3-23	.0	6-17	.0	9-29	.4
12-16	.0	4- 7	.0	6-23	.0		
12-23	.0	4-14	.0	7- 7	.0		
LODGEPOLE CREEK ABOVE KRUEGER CANAL							
			Sec. 31-14-48 W.				
10- 1	4.0	11-13	3.3	6-10	5.0	8-27	6 3
10-16	4.2	2-17	4.3	7- 7	2.8	9- 2	4.3
10-21	3.6	5-19	6.7	7-15	4.2	9-10	3.3
10-28	4.5	6- 2	9.0	7-22	3.0	9-22	3.6
LODGEPOLE CREEK BELOW KRUEGER LAKE							
			SW¼ Sec. 29-14-48 W.				
10- 1	0.4	12-30	5.9	4-20	6.1	7-15	0.1
10-16	3.9	1- 6	4.4	5- 1	5.1	7-22	.1
10-21	2.1	1-13	3.7	5- 6	6.1	8- 6	20.3
11- 5	.1	1-20	3.8	5-13	4.8	8-11	10.9
11-13	.4	1-27	4.8	5-19	.1	8-19	13.6
11-20	3.0	3- 4	1.7	5-27	.0	8-27	7.4
11-28	2.6	3-10	6.9	6-10	.1	9- 2	6.5
12- 3	2.2	3-25	5.9	6-25	.1	9-10	2.2
12-10	2.7	4- 1	6.1	7- 2	.1	9-16	3.4
12-17	1.9	4-14	4.2	7- 7	.1	9-22	2.8
12-26	1.5						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

LODGEPOLE CREEK NEAR SUNOL

Sec. 36-14-48 W.

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
10- 1	2.2	12-30	1.1	4-14	3.6	7- 8	1.3
10-16	5.1	1- 6	5.0	4-21	4.8	7-15	.9
10-21	1.7	1-13	2.4	5- 1	5.0	7-22	1.0
10-28	1.9	1-20	3.4	5- 8	4.7	7-31	280.0
11- 5	1.2	1-27	1.1	5-14	3.1	8- 6	24.8
11-13	2.1	2- 4	1.4	5-20	1.6	8-19	33.4
11-20	4.2	2-11	2.0	5-27	2.6	8-27	12.2
11-28	1.4	2-17	5.5	6- 4	2.4	9- 2	6.6
12- 3	2.5	3- 4	1.3	6-10	2.0	9-10	1.8
12-10	2.9	3-10	5.8	6-17	1.5	9-16	4.9
12-17	3.6	3-25	7.1	6-25	2.1		
12-26	2.0	4- 7	3.1	7- 2	.7		

LODGEPOLE CREEK SOUTHEAST OF LODGEPOLE

Sec. 32-14-46 W.

10- 1	0.4	1- 6	4.6	4-21	4.2	7-22	1.0
10-16	1.2	1-13	3.9	5- 1	5.8	7-31	2.2
10-21	2.1	1-20	5.5	5- 8	6.5	8- 6	23.6
10-28	.3	1-27	8.0	5-14	8.6	8-11	14.1
11- 5	1.8	2- 4	8.7	5-20	5.9	8-19	50.6
11-13	1.1	2-11	13.4	5-27	2.2	8-28	9.5
11-20	7.8	2-17	8.0	6- 4	3.7	9- 3	8.9
11-28	1.3	2-25	1.4	6-11	7.5	9-10	5.0
12- 3	2.7	3- 4	3.9	6-18	2.8	9-16	6.4
12-10	3.4	3-10	14.9	6-25	4.3	9-24	3.4
12-17	4.7	3-25	4.7	7- 2	1 3		
12-26	3.1	4- 1	4.7	7- 8	1.2		
12-30	2.8	4-14	5.8	7-15	.5		

LODGEPOLE CREEK NEAR CHAPPELL ON EAST LINE

Sec. 21-13-45 W.

10- 1	1.7	1- 6	7.7	4-21	12.4	7-22	0.5
10-16	3.1	1-13	11.4	5- 1	13.9	7-31	3.5
10-21	5.2	1-20	13.4	5- 8	13.5	8- 6	29.2
10-28	3.6	1-27	13.8	5-14	13.3	8-11	9.5
11- 5	2.6	2- 4	12.0	5-20	6.1	8-19	85.7
11-13	2 5	2-11	12.9	5-29	10.1	8-28	10.5
11-20	4.8	2-17	8.2	6- 4	2.7	9- 3	14.8
11-28	4.9	3- 4	6.2	6-11	10.7	9-10	10.8
12- 3	2.9	3-10	18.2	6-18	4.4	9-16	8.3
12-10	1.1	3-25	10.1	6-25	5.8	9-24	6.8
12-17	7.2	4- 1	6.9	7- 2	1.7		
12-26	4.2	4- 7	10.9	7- 8	2.3		
12-30	10.7	4-14	18.7	7-15	.8		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			LODGEPOLE CREEK				
			Sec. 25-14-48 W.				
7-31	325.0						
			LONERGAN CREEK NEAR LEMOYNE				
			Sec. 7-15-39 W.				
1- 9	5.9	6- 4	5.0	7-29	6.0	8-27	5.0
3-27	5.5	7- 1	3.8	8-13	6.5	9-24	4.8
5- 8	4.1						
			LOST CREEK NEAR OSHKOSH				
			Sec. 1-16-44 W.				
1-28	1.5						
			LOWER 96 RANCH DRAIN				
			Sec. 35-11-25 W.				
2- 6	4.7	6-10	3.3	9-15	3.4		
			MARTIN DRAIN				
			Sec. 6-12-28 W.				
3- 6	3.4	6-16	2.2	9-16	2.9		
			MARYS CREEK NEAR WOLBACH				
			Sec. 31-17-9 W.				
5-10	129.0	7- 3	173.0				
			McDOWELL DRAIN				
			Sec. 6-10-24 W.				
2- 6	2.8	6-10	2.5	9-15	1.3		
			McGUIRES SLOUGH TRIBUTARY TO FRENCHMAN RIVER				
			Sec. 20-6-40 W.				
10-28	2.4						
			MELBETA DRAIN ONE-HALF MILE WEST OF MELBETA BRIDGE				
			Sec. 13-21-54 W.				
10- 6	3.9	12- 9	3.1	2- 3	4.1	4- 7	1.9
10-21	4.2	12-22	3.4	2-17	2.4	4-20	2.6
11- 8	4.1	1- 6	3.8	3- 3	2.6		
11-26	3.6	1-20	3.4	3-24	2.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
MONROE CREEK BELOW BIG MONROE CANAL							
			Sec. 33-33-56 W.				
10-25	1.7	1-30	1.7	5-21	0.1	8-13	0.7
11-13	1.8	3-27	2.6	6- 5	.1	9-11	.0
12- 5	1.0	4-10	2.2	6-19	.0	9-25	.0
12-18	2.0	4-24	.1	7- 3	.0		
1- 7	1.3	5-15	.1	7-17	.0		
MONROE CREEK ABOVE JORDAN RESERVOIR							
			Sec. 23-33-56 W.				
10-25	1.9	1-30	0.1	5-21	0.3	8-13	0.1
11-13	1.3	3-27	.1	6-19	.1	9-11	.1
12-18	1.7	4-24	.6	7- 3	.1	9-25	.1
1- 7	2.5	5-15	.4	7-17	.7		
MOON CREEK NEAR LOUP CITY							
			Sec. 10-15-15 W.				
7- 7	0.2						
MORRIS-ROSENBURG DRAIN							
			Sec. 36-13-29 W.				
3- 6	3.8	6-16	1.4	9-16	2.4		
MUD CREEK NEAR BROKEN BOW							
			Sec. 32-17-20 W.				
6- 7	0.4						
MUD CREEK, TRIBUTARY TO, NEAR BROKEN BOW							
			Sec. 23-17-21 W.				
6- 7	0.6						
MUD CREEK, TRIBUTARY TO, NEAR BROKEN BOW							
			Sec. 30-17-20 W.				
6- 7	77.4						
MUD (BEAVER) CREEK							
			Sec. 14-14-17 W.				
7-24	3.4						
MUD (BEAVER) CREEK NEAR LITCHFIELD							
			Sec. 13-14-17 W.				
7-22	1.7						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			MUDDY CREEK NEAR MAX				
			Sec. 21-3-36 W.				
8- 5	0.4						
			MUNDELL DRAIN				
			Sec. 19-10-23 W.				
2- 6	1.2	6-10	0.7	9-15	0.7		
			NIOBRARA RIVER AT WYOMING-NEBRASKA STATE LINE				
			Sec. 20-31-57 W.				
10- 2	3.7	4- 3	7.1	6-12	6.3	8-21	4.1
11- 8	4.1	4-16	6.9	6-23	5.0	9- 3	3.7
12-17	4.0	4-30	8.3	7- 8	.7	9-16	3.8
1- 9	4.2	5-14	6.5	7-23	3.4		
2- 4	4.5	5-28	5.1	8- 6	9.7		
			NIOBRARA RIVER SOUTH OF HARRISON				
			Sec. 9-29-56 W.				
10- 2	4.0	4- 3	12.2	6-12	9.6	8-21	8.6
11-14	7.4	4-16	10.4	6-23	9.4	9- 3	8.1
12-17	10.0	4-30	14.0	7- 8	6.1	9-16	6.9
1- 9	10.7	5-14	10.8	7-23	4.4		
2- 4	12.8	5-28	11.3	8- 6	5.6		
			NIOBRARA RIVER NEAR AGATE				
			Sec. 7-28-55 W.				
11-14	19.2	4-15	22.7	6-23	10.1	9- 3	16.3
12-17	21.8	5-13	12.1	7- 8	7.7	9-16	14.6
1- 9	21.9	5-27	7.8	7-22	9.2		
2- 4	25.1	6- 4	5.7	8- 5	13.0		
4- 3	28.7	6-11	9.8	8-21	13.0		
			NIOBRARA RIVER BELOW MOUTH OF WHISTLE CREEK				
			Sec. 7-28-53 W.				
11- 3	3.1	4-15	21.5	6-11	11.9	8-20	12.8
12-17	29.1	4-29	19.5	6-24	11.2	9- 2	5.8
1- 9	32.8	5-13	17.8	7- 8	7.4	9-17	6.1
2- 4	35.0	5-27	7.5	7-22	8.5		
4- 1	22.5	6- 4	3.0	8- 5	18.6		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
NIOBRARA RIVER EAST OF MARSLAND							
			Sec. 36-29-51 W.				
11- 3	18.2	4- 1	47.2	6-11	17.8	8-18	32.9
12-15	32.3	4-15	38.4	6-24	15.6	9- 1	4.8
1- 9	23.5	4-27	25.5	7- 7	7.9	9-15	4.1
2- 4	56.0	5-12	33.3	7-22	12.4		
3-24	56.6	5-26	19.1	8- 4	21.7		
NIOBRARA RIVER BELOW COOK CANAL NO. 1							
			Sec. 2-28-56 W.				
10- 2	2.6						
NIOBRARA RIVER BELOW D-513 a and b							
			Sec. 25-29-56 W.				
10- 2	2.1						
NIOBRARA RIVER BELOW POTMESIL DIVERSION							
			Sec. 26-29-48 W.				
3-25	16.3	6- 9	0.1	7-14	0.1	8-26	0.1
3-31	15.7	6-16	.6	7-21	.1	9- 1	3.7
4-14	16.0	6-25	3.2	7-27	.1	9- 9	2.0
4-27	15.6	6-30	.7	8- 4	.4	9-15	3.5
5-12	15.6	7- 2	.5	8-11	.2	9-22	.1
5-26	6.6	7- 7	.1	8-18	3.7	9-28	1.4
NISLEY DRAIN							
			Sec. 15-9-22 W.				
2- 5	6.6	6-11	8.1	9-11	5.3		
OTTER CREEK NEAR LEMOYNE							
			Sec. 32-16-40 W.				
11- 7	18.8	3-12	18.8	6- 4	18.5	8-13	21.7
12-12	19.4	3-27	19.2	7- 1	18.8	8-27	20.4
1- 9	19.4	5- 8	18.9	7-29	21.8	9-24	20.4
PAWNEE CREEK							
			Sec. 4-12-27 W.				
10-14	3.5	1-27	13.8	4-28	7.0	8-12	5.2
11- 4	6.0	2-17	9.2	5-18	9.5	9- 2	6.8
12- 5	6.7	3- 3	6.8	6- 9	3.5	9-23	.5
12-16	8.4	3- 9	15.6	6-17	1.0		
1- 2	6.6	3-24	8.9	7- 8	.3		
1-14	9.8	3-31	7.9	7-17	1.6		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			PEBBLE CREEK NEAR DUNLAP				
			Sec. 8-29-48 W.				
7-28	306.0	7-29	2.2	7-31	2000.0		
			PECKHAM DRAIN				
			Sec. 3-11-26 W.				
2-13	5.1	5-19	8.7	6-16	3.1	9-15	5.0
4-18	7.7						
			PELL DRAIN				
			Sec. 5-12-28 W.				
3- 6	3.1	6-16	0.4	9-16	0.6		
			PETERSON DRAIN				
			Sec. 18-8-19 W.				
2- 5	7.7	3- 5	10.4	6-12	6.2	9-11	1.5
			PHILLIPS DRAIN				
			Sec. 8-9-22 W.				
2- 5	4.5	5-15	4.8	6-10	4.4	9-11	3.3
4-16	4.9						
			PINE CREEK NEAR COLCLESSER MILL				
			Sec. 33-30-44 W.				
10-30	18.8	1-28	30.6	5- 8	26.2	8-14	12.7
12- 4	23.0	3- 5	32.7	6-17	15.2	9-10	15.3
1- 2	20.7	4- 8	41.2	7-15	12.6		
			PRAIRIE CREEK NEAR GRAND ISLAND				
			Sec. 16-12-9 W.				
7- 2	1.3						
			PRAIRIE CREEK NEAR CAIRO				
			Sec. 27-12-11 W.				
7- 2	0.0	8-27	0.0	9- 3	0.0	9-10	0.0
8-20	.0						
			PRAIRIE DOG CREEK				
			Sec. 17-33-55 W.				
10-25	0.0	12- 5	0.0	1- 7	0.5	3-27	0.1
11-13	.0	12-18	.0	1-30	1.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			PRAIRIE DOG CREEK				
			Sec. 35-33-56 W.				
5-21	0.0	9-11	0.0				
			PRAIRIE DOG CREEK ABOVE LITTLE RED CREEK				
			Sec. 26-33-56 W.				
9-11	0.0						
			PUMPKINSEED CREEK ON GERING-KIMBALL HIGHWAY				
			Sec. 4-19-55 W.				
5- 7	5.7	6- 5	2.6	7- 9	1.2	9- 4	2.8
5-15	6.4	6-12	11.8	7-23	1.0	9-11	1.9
5-22	2.2	6-26	.6	8- 7	1.7	9-17	3.7
5-28	3.4	7- 3	1.5	8-13	2.3	9-25	3.0
			PUMPKINSEED CREEK ABOVE HEARD CANAL				
			Sec. 14-19-54 W.				
5- 7	3.7	6-19	2.1	7-23	1.8	9-25	3.6
5-28	2.6	6-26	2.0	8-13	4.4		
6- 5	1.5	7- 3	3.2	9-11	4.0		
6-12	2.8	7- 9	4.3	9-17	3.7		
			PUMPKINSEED CREEK ON WEST LINE				
			Sec. 18-19-53 W.				
5- 7	5.7	6- 5	3.4	6-26	0.9	9-17	3.5
5-22	3.8	6-12	3.2	7- 3	2.6		
5-28	5.8	6-19	3.3	8-13	2.8		
			PUMPKINSEED CREEK				
			Sec. 22-19-53 W.				
6- 3	5.0	7- 9	3.3	8-25	4.8	9-25	6.2
6-12	4.9	7-23	5.0	9- 5	8.4		
6-19	5.9	8- 7	7.2	9-11	6.6		
7- 3	4.1	8-13	7.1	9-17	6.1		
			PUMPKINSEED CREEK BELOW COURT HOUSE ROCK CANAL				
			Sec. 30-19-50 W.				
6- 5	0.9	7-18	1.0	9- 5	0.0	9-25	0.0
6-26	.4	8-13	.0	9-11	.0		
			RED WILLOW CREEK NEAR McCOOK				
			Sec. 6-4-29 W.				
10-22	23.5	4- 6	33.3	6-26	13.4	7-30	12.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
RED CREEK, LITTLE, BELOW ZERBST CANAL							
			Sec. 26-33-56 W.				
5-21	0.0	9-11	0.0				
REPUBLICAN RIVER NEAR MAX							
			Sec. 32-2-36 W.				
7-31	0.0						
REPUBLICAN RIVER BELOW CULBERTSON CANAL							
			Sec. 31-5-33 W.				
9- 2	4.6						
REPUBLICAN RIVER NEAR CAMBRIDGE							
			Sec. 28-4-25 W.				
4-20	321.0						
REPUBLICAN RIVER BELOW CAMBRIDGE CANAL							
			Sec. 27-4-25 W.				
8-31	32.4						
REPUBLICAN RIVER BELOW EDISON							
			Sec. 36-4-22 W.				
8-31	4.4						
REPUBLICAN RIVER FOUR MILES ABOVE ORLEANS STATION							
			Sec. 36-3-20 W.				
9-11	14.6						
REPUBLICAN RIVER BELOW HARLAN COUNTY DAM NEAR REPUBLICAN CITY							
			Sec. 11-1-17 W.				
11- 6	98.4	11-10	81.0	11-18	55.9		
REYNOLDS DRAIN							
			Sec. 21-13-29 W.				
3-13	1.0	6-17	0.6				
REYNOLDS DRAIN NO. 1							
			Sec. 8-13-29 W.				
3- 7	0.7	6-17	2.3	9-16	1.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			REYNOLDS DRAIN NO. 2				
			Sec. 17-13-29 W.				
3- 7	1.7	6-17	4.8	9-16	5.2		
			REYNOLDS DRAIN NO. 3				
			Sec. 17-13-29 W.				
3- 7	0.2	6-17	0.2	9-16	1.1		
			REYNOLDS DRAIN NO. 4				
			Sec. 17-13-29 W.				
3-13	0.7	6-17	0.9	9-16	0.9		
			ROPE CREEK NEAR ALMA				
			Sec. 25-2-19 W.				
10- 9	0.4	4-23	1.3	6-19	0.7	9-25	0.2
11-21	1.1	5-29	4.0	8- 7	.3		
			ROWE DRAIN				
			Sec. 27-10-23 W.				
2- 5	15.5	6-10	17.2	9-15	10.0		
			SAND CREEK BELOW BENDIX CANAL				
			Sec. 33-33-53 W.				
1-29	1.7	8-10	0.0	8-31	0.0		
			SAND CREEK ABOVE NEW HIGHWAY				
			Sec. 34-16-40 W.				
5- 8	3.4	7- 1	2.6	8-13	2.9	9-24	4.4
6- 4	3.5	7-29	1.5	8-27	2.9		
			SAND CREEK NEAR CHAMPION				
			Sec. 22-6-39 W.				
10-23	3.1						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			SARBEN SLOUGH				
			Sec. 20-14-35 W.				
10- 1	7.7	2- 6	7.8	5-29	7.7	8- 7	8.9
10- 8	8.1	3- 7	9.1	6- 5	7.6	8-14	9.2
10-14	8.8	3-13	7.4	6-12	7.3	8-28	9.1
10-29	9.1	3-27	6.5	6-19	6.8	9- 4	8.9
11- 6	9.3	4- 2	7.0	6-26	7.3	9-11	9.2
11-19	8.9	4-17	6.6	7- 3	6.8	9-18	8.8
12- 9	8.5	5- 1	7.4	7-10	7.8	9-25	10.4
12-19	8.6	5- 8	6.4	7-17	7.9		
1- 9	8.1	5-15	6.3	7-24	8.3		
1-30	8.1	5-22	6.7	7-31	9.3		
			SCOTTSBLUFF DRAIN NO. 1				
			Sec. 25-22-55 W.				
10-21	17.4	1-20	12.0	4- 7	5.5	6-25	5.9
11-10	13.2	2- 3	10.3	4-20	6.1	7-23	9.8
12- 2	11.3	2-17	9.0	5- 7	5.3	8-20	16.2
12-16	12.7	3- 3	7.3	5-21	8.3	9-14	16.6
1- 6	9.5	3-24	5.7	6-11	7.0		
			SCOTTSBLUFF DRAIN NO. 2				
			Sec. 34-22-54 W.				
10-21	4.6	1-20	2.4	4- 7	2.1	6-25	22.0
11-10	3.6	2- 3	2.2	4-20	2.1	7-23	12.0
11-24	3.0	2-17	1.9	5- 5	2.1	8-20	7.3
12- 9	2.8	3- 3	1.7	5-21	5.8	9-14	13.7
1- 6	2.7	3-24	1.4	6-11	9.9		
			SCOUT CREEK NEAR NORTH PLATTE				
			Sec. 20-14-30 W.				
10- 7	11.2	1-28	0.1	4-24	1.9	7-20	2.0
10-15	20.9	2- 3	.1	5- 4	14.9	7-27	3.6
10-22	.7	2-10	.1	5-11	8.6	8- 3	15.0
10-28	1.0	2-17	.1	5-18	15.7	8-10	7.0
11- 4	1.0	2-26	.1	5-25	4.5	8-24	18.3
11-20	.3	3- 6	.1	6- 1	1.4	8-31	11.7
12- 2	.2	3-12	.3	6- 8	7.9	9- 8	15.2
12-10	.2	3-18	.1	6-15	6.3	9-14	10.0
12-16	.1	3-25	.1	6-22	.7	9-21	11.0
12-30	.1	4- 1	.1	6-29	11.6	9-28	7.4
1- 7	.1	4- 8	.1	7- 6	8.2		
1-13	.1	4-15	.1	7-13	6.7		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			SHANER DRAIN				
			Sec. 31-13-28 W.				
3- 6	1.4	6-16	0.4	9-16	0.3		
			SHELDON DRAIN EXTENSION NO. 2				
			Sec. 13-11-26 W.				
2-13	1.4	6-16	0.5	9-15	0.3		
			SHELDON DRAIN				
			Sec. 14-11-26 W.				
10-17	9.2	1- 2	8.1	5- 5	7.8	7-28	6.6
10-29	8.8	1-13	8.1	5-12	8.0	8-12	7.6
11-12	8.2	1-27	8.5	5-26	7.2	9- 9	7.2
11-18	8.2	2- 3	8.3	6- 9	7.1	9-22	7.3
12- 2	8.7	2-13	8.2	6-16	7.1	9-29	6.9
12- 9	8.2	3-24	8.4	6-30	5.1		
12-22	8.3	4-14	7.9	7-14	7.1		
			SILVER CREEK NEAR GRAND ISLAND				
			Sec. 28-12-9 W.				
10-15	0.0	7- 2	0.0	7-20	0.0	8-19	0.0
6-18	.0	7- 7	.0	8-13	.0	9- 9	.0
			SILVERNAIL DRAIN				
			Sec. 6-19-49 W.				
11- 5	8.5	12-29	8.3	2-16	6.9	4-13	5.7
11-10	8.6	1-12	7.4	2-26	6.8	4-20	5.6
11-24	9.5	1-28	6.6	3- 9	6.7	4-29	5.8
12- 1	8.4	2- 3	7.0	3-30	5.4		
12-12	9.2	2-14	4.8	4- 6	6.1		
			SKUNK CREEK				
			Sec. 1-14-37 W.				
10-31	2.8	1- 8	3.4	5-14	3.1	8-14	2.6
11-19	3.0	1-30	3.6	6- 5	2.8	9-17	2.8
12-12	3.0	3-10	3.3	6-25	2.6		
12-18	2.8	4- 2	2.8	7-23	2.9		
			SNAKE CREEK				
			Sec. 6-24-49 W.				
3-27	2.3						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			SNAKE CREEK, NORTH OUTLET				
			Sec. 6-24-51 W.				
3-27	1.6						
			SNAKE CREEK, SOUTH OUTLET				
			Sec. 6-24-51 W.				
3-27	4.5						
			SNAKE CREEK BELOW ELMORE RESERVOIR				
			Sec. 6-24-51 W.				
12-31	0.0	4-23	0.0	9-30	0.0		
			SNAKE CREEK ON ALLIANCE-BRIDGEPORT HIGHWAY				
			Sec. 17-24-48 W.				
12-31	0.0	3-27	0.0	4-23	0.0	9-30	0.0
			SNAKE CREEK SOUTHEAST OF ALLIANCE				
			Sec. 29-24-47 W.				
4-23	0.0	9-30	0.0				
			SNAKE CREEK NEAR ANTIOCH				
			Sec. 7-24-45 W.				
3-27	0.0	4-23	0.0	9-30	0.0		
			SNAKE CREEK ABOVE ELMORE RESERVOIR				
			Sec. 32-25-51 W.				
3-27	3.1	4-23	3.7	9-30	3.0		
			SOLDIER CREEK ABOVE JAMES PUMP				
			Sec. 5-31-53 W.				
4-11	2.6	6-13	2.6	8- 8	2.0		
			SOLDIER CREEK ABOVE FT. ROBINSON RESERVOIR				
			Sec. 3-31-53 W.				
11- 5	0.8	1-10	5.2	4-11	5.1	8- 8	0.6
12-13	4.7	1-31	4.3	6-13	4.4		
			SOLDIER CREEK BELOW FT. ROBINSON RESERVOIR				
			Sec. 12-31-53 W.				
8- 8	0.0						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			SOLDIER CREEK NEAR CRAWFORD				
			Sec. 18-31-52 W.				
6- 8	1.0	6-19	10.8				
			SOMMER DRAIN				
			Sec. 5-12-28 W.				
3- 6	1.6	6-16	0.5	9-16	0.5		
			SOMMER DRAIN NO. 2				
			Sec. 9-12-28 W.				
3- 6	1.6	6-16	0.4	9-16	0.2		
			SOUTH OMAHA CREEK TWO MILES SOUTH OF WALTHILL				
			Sec. 23-25-8 E.				
6- 7	4300.0						
			SOUTH OMAHA CREEK ONE-HALF MILE SOUTHEAST OF WALTHILL				
			Sec. 13-25-8 E.				
6- 7	1200.0						
			SOW BELLY CREEK				
			Sec. 17-33-55 W.				
10-25	0.1	11-13	0.1				
			SOW BELLY CREEK BELOW ZIMMERMAN CANAL				
			Sec. 34-33-55 W.				
11-13	0.2	5- 7	0.6	6-26	0.5	8-27	0.1
			SOW BELLY CREEK				
			Sec. 5-32-55 W.				
12- 5	3.2	1- 7	0.8	3-27	0.7	6-26	2.5
12-18	3.3	1-30	.6	5- 7	.3	8-27	1.8
			SPOTTED TAIL CREEK, WET				
			Sec. 6-22-55 W.				
10- 7	21.3	1-13	14.1	4-14	11.7	7-16	16.2
10-22	20.1	1-27	15.1	4-27	9.7	8-21	16.5
11- 6	6.8	2-11	14.8	5-13	11.8	9-14	16.8
11-20	17.3	2-24	13.1	5-28	12.2		
12- 2	16.8	3-10	11.8	6-10	17.4		
12-16	14.4	3-31	12.8	6-25	17.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			SPRING CREEK NEAR BUTTE				
			Sec. 36-34-13 W.				
6-11	2.4	6-24	0.5				
			SPRING CREEK, TRIBUTARY TO SOW BELLY CREEK				
			Sec. 34-33-55 W.				
5- 7	0.1	6-26	0.1	8-27	0.0		
			SPRING CREEK, TRIBUTARY TO LITTLE COTTONWOOD CREEK				
			Sec. 13-32-52 W.				
9-21	0.0						
			SPRING CREEK, WEST BRANCH, NEAR BRAYTON				
			Sec. 9-17-10 W.				
5-10	3540.0						
			SPRING CREEK, WEST BRANCH, NEAR WOLBACH				
			Sec. 23-17-10 W.				
5-10	4040.0	5-13	1.7	7- 9	0.2		
			SQUAW CREEK BELOW SHEPHERD CANAL				
			Sec. 36-34-57 W.				
12-18	0.0	1-30	0.2	7-17	0.0		
			SQUAW CREEK ABOVE McDOWELL RESERVOIR				
			Sec. 12-31-52 W.				
11-15	0.1	1-10	0.0	4-11	0.3	8-15	0.0
			SQUAW CREEK BELOW McDOWELL RESERVOIR				
			Sec. 1-31-52 W.				
11-15	0.2	1-10	0.3	4-11	0.2	8-15	0.1
			STENGER DRAIN				
			Sec. 27-13-29 W.				
3-10	3.7	6-17	2.5	9-16	4.0		
			STEWART DRAIN				
			Sec. 3-8-21 W.				
2- 5	0.5	3-13	0.7	6-11	1.1	9-11	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
STINKING WATER CREEK NEAR WAUNETA							
			Sec. 7-6-35 W.				
10-23	20.9						
STREVER CREEK NEAR OVERTON							
			Sec. 1-8-20 W.				
10-16	5.9	12- 3	4.0	2-18	14.0	3-26	11.0
10-31	7.2	12-17	10.0	3- 4	19.8	4- 9	14.4
11-14	8.9	1- 7	7.6	3-12	15.2	4-22	11.2
11-21	9.4	1-21	11.2	3-17	15.0		
SWEET CREEK NEAR CAIRO ON SOUTH LINE							
			Sec. 13-12-13 W.				
10-16	0.0	7-24	0.0	8-20	0.0	9- 3	0.0
7- 2	.0	8-13	.0	8-27	.0	9-10	.0
TOOHEY SPILLWAY FROM TRI-STATE CANAL							
			Sec. 18-23-56 W.				
12-29	19.2						
THIRTY MILE CANAL SPILL							
			Sec. 28-10-23 W.				
6-10	3.5	9-15	5.1				
THIRTY MILE CANAL SEEPAGE DRAIN							
			Sec. 31-12-26 W.				
2-13	2.8	4-18	3.1	5-19	4.0	6-16	0.0
TRUNK BUTTE CREEK							
			Sec. 25-33-50 W.				
11-12	0.1	1- 3	0.0	3-30	1.0	7-20	0.1
TUB SPRINGS ABOVE ENTERPRISE CANAL							
			Sec. 33-23-55 W.				
6- 2	26.4	7-21	59.0	8-25	35.3	9-22	40.6
6-30	34.8	7-28	69.1	9- 1	42.0	9-29	36.2
7- 7	37.1	8- 4	81.4	9- 8	51.6		
7-14	49.3	8-18	37.4	9-15	36.7		
TURKEY CREEK NEAR DANNEBROG ON WEST LINE							
			Sec. 26-14-11 W.				
10-15	0.0	7- 2	0.3	9- 3	0.0	9-21	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			VICTORIA CREEK BELOW DAM				
			Sec. 6-19-20 W.				
10- 1	1.0	8-26	0.1	9-29	2.6		
			VICTORIA CREEK NEAR GATES				
			Sec. 10-19-21 W.				
10- 1	4.1	8-26	3.5	9-29	3.4		
			WALNUT RUN CREEK NEAR FRANKLIN				
			Sec. 32-2-14 W.				
10- 9	0.1	4-23	0.5	6-19	0.0		
11-21	.4	5-29	.1	8- 7	.0		
			WARBONNET CREEK ABOVE WARBONNET CANAL				
			Sec. 20-33-56 W.				
3-27	3.2	5-15	3.0	8-13	0.9		
			WARBONNET CREEK BELOW WARBONNET CANAL				
			Sec. 21-33-56 W.				
10-25	1.8	1- 7	3.8	4-10	1.8	11-13	1.0
12- 5	1.8	1-30	3.5	5-15	1.3		
12-18	1.9	3-27	1.9	8-13	1.1		
			WHISTLE CREEK				
			Sec. 12-28-54 W.				
11- 3	0.0	4-15	0.2	6-11	0.2	8-20	0.1
12-17	.0	4-29	1.5	6-24	.1	9- 2	.0
1- 9	.0	5-13	.1	7- 8	.0	9-17	.0
2- 4	1.1	5-27	.1	7-22	.0		
4- 1	.1	6- 4	.0	8- 5	.1		
			WHITE CLAY CREEK NEAR CRAWFORD				
			Sec. 2-31-52 W.				
11-15	1.8	2-25	2.2	8-15	0.9		
			WHITE CLAY CREEK ABOVE WHITNEY DIVERSION				
			Sec. 26-32-52 W.				
11-15	1.9	3-10	0.6	5-25	0.1	8-24	3.1
12-10	3.2	3-23	1.2	6-15	.4	9- 8	.6
12-31	.4	4- 6	1.1	6-29	.4	9-14	.4
1-13	3.0	4-13	1.2	7-13	.1	9-29	.1
1-24	2.2	4-20	1.0	7-28	.1		
2- 3	2.0	5-11	1.9	8-10	.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
WHITE CLAY CREEK ABOVE JUNCTION WITH LARABEE CREEK							
Sec. 6-34-44 W.							
10-30	2.4	1-28	2.8	5- 8	4.9	8-14	1.6
12- 4	2.9	3- 5	5.0	6-17	4.3	9-10	1.6
1- 2	2.7	4- 8	5.4	7-15	2.6		
WHITE HORSE CREEK NEAR GANNETT							
Sec. 5-13-29 W.							
10- 1	5.3	1-14	23.1	3-31	23.2	7-17	5.5
10-14	10.8	1-27	24.6	4-28	15.3	8-12	4.2
11- 4	12.4	2-17	22.1	5-13	16.7	9- 2	3.3
12- 5	18.5	3- 3	29.5	5-27	10.9	9-23	5.2
12-16	15.8	3- 9	4.2	6-17	8.9		
1- 2	18.2	3-24	19.9	7- 8	6.4		
WHITE RIVER, TRIBUTARY TO, NEAR GLEN							
Sec. 33-31-54 W.							
6-19	41.3						
WHITE RIVER ABOVE WHITNEY DIVERSION							
Sec. 26-32-52 W.							
11- 5	11.6	2-28	26.6	5-25	17.6	9- 8	1.2
11-26	15.9	3-10	26.4	6-15	15.3	9-14	8.7
12-10	20.7	3-23	22.3	6-29	16.9	9-29	4.3
12-31	23.9	4- 6	22.7	7-13	7.6		
1-13	25.2	4-13	23.2	7-28	10.1		
1-24	26.9	4-20	23.3	8-10	11.5		
2- 3	26.7	5-11	22.9	8-24	9.2		
WHITE RIVER BELOW WHITNEY DIVERSION							
Sec. 26-32-52 W.							
11- 5	0.9	2- 3	0.4	5-11	3.4	8-10	0.3
11-26	1.0	2-28	3.9	5-25	17.2	8-24	12.7
12-10	1.6	3-10	3.7	6-15	.1	9- 8	.1
12-31	.1	3-23	1.1	6-29	.1	9-14	10.2
1-13	1.1	4-13	25.0	7-13	8.1	9-29	4.0
1-24	1.2	4-20	4.8	7-28	.1		
WHITE TAIL CREEK							
Sec. 36-15-38 W.							
10-31	29.9	1-29	31.6	5- 7	29.9	7-16	27.2
12-12	31.4	3- 4	32.4	5-21	30.4	8- 6	29.5
12-18	30.2	3-10	32.8	6- 4	27.5	9- 3	27.9
1- 8	31.3	4-17	31.1	6-18	27.5		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			WIGGLE CREEK NEAR LOUP CITY				
			Sec. 7-14-14 W.				
8-13	0.0						
			WILLOW CREEK				
			Sec. 10-14-35 W.				
10- 9	1.5	10-14	1.8				
			WILLOW CREEK				
			Sec. 14-14-35 W.				
10- 9	0.0						
			WILLOW CREEK NEAR GUIDE ROCK				
			Sec. 1-1-10 W.				
11-21	1.4	5-29	1.6	8- 7	0.8		
4-23	1.4	6-19	1.4	9-25	1.3		
			WOOD RIVER NEAR OCONTO				
			Sec. 23-14-22 W.				
5-28	186.0						
			WOOD RIVER AT LOMAX				
			Sec. 36-13-21 W.				
9- 2	56.2						
			WOOD RIVER				
			Sec. 7-9-15 W.				
7-29	7.2						
			WOOD RIVER				
			Sec. 9-9-15 W.				
7-29	0.3						
			WOOD RIVER NEAR GRAND ISLAND				
			Sec. 27-11-9 W.				
8-20	0.0	8-27	0.0	9- 3	0.0	9-10	0.0
			WOOD RIVER NEAR AMHERST				
			Sec. 17-10-17 W.				
8- 5	0.1						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
AKERS DRAW TO RIVER AT INTERSECTION WITH TRI-STATE CANAL							
Sec. 12-23-57 W.							
10-14	19.1	3-11	10.9	6- 8	10.8	8- 3	15.0
10-21	15.8	3-23	10.4	6-15	9.8	8-10	13.4
11-13	18.1	4- 8	9.3	6-23	11.6	8-17	15.2
11-27	17.3	4-23	8.4	6-29	10.9	8-24	15.5
12-11	16.2	5- 4	9.6	7- 7	11.6	8-31	12.7
1-14	14.9	5-12	10.6	7-14	7.1	9-14	12.7
1-28	10.6	5-18	12.2	7-20	9.4	9-21	13.8
2-10	12.6	5-25	12.0	7-27	14.9	9-28	12.3
2-25	10.2	6- 3	10.8				
ALLIANCE DRAIN							
Sec. 20-22-53 W.							
10- 1	20.4	2-11	4.9	5-27	1.6	7-29	0.9
10-14	18.2	2-25	5.6	6- 3	2.4	8- 9	.3
10-21	.0	3-11	5.4	6- 9	1.4	8-17	.1
10-27	21.2	3-22	7.0	6-17	1.4	8-23	.2
11-12	13.4	4- 9	6.2	6-24	.0	8-30	.0
11-27	13.1	4-24	5.8	7- 1	.0	9- 7	.1
12-12	12.3	5- 6	6.1	7- 8	.1	9-13	2.1
1-15	8.4	5-13	.3	7-15	.2	9-20	.4
1-28	7.5	5-20	.0	7-22	1.0	9-27	.0
ANDERSON DRAIN							
Sec. 25-9-22 W.							
3-11	0.8	6-23	1.1	9-22	0.6		
ANTELOPE CREEK							
Sec. 25-33-42 W.							
7-19	291.0	7-20	4.9				
ANTELOPE CREEK ON NORTH LINE							
Sec. 32-33-41 W.							
10-23	0.0	11-20	0.0	12-17	0.0	8-17	0.0
ANTELOPE CREEK NEAR GORDON							
Sec. 21-32-40 W.							
10-23	1.6	11-20	1.5	12-17	1.5	8-18	0.7
ANTELOPE CREEK NEAR LINCOLN							
Sec. 32-10-7 E.							
5- 2	15.4	5-23	41.9	6-17	402.0	6-17	270.0
5-23	10.0	6-17	400.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
ANTELOPE CREEK, TRIBUTARY TO, NEAR LINCOLN							
Sec. 31-10-7 E.							
5- 1	8.82	5- 1	7.89	5- 1	7.31		
APPLEGATE DRAIN							
Sec 31-14-33 W.							
10-30	47.4	2-15	54.9	5-14	49.7	7-28	43.8
11-25	55.2	3-18	54.6	5-28	48.5	8-25	46.8
12-17	55.6	4- 6	52.8	6-25	45.0	9-15	48.4
1-16	55.3						
ASH CREEK NEAR WHITNEY							
Sec. 7-32-50 W.							
11-17	0.5	12-15	1.2	2-10	2.7	6-14	4.3
ASH CREEK, EAST, ABOVE BARRON CANAL							
Sec. 32-32-50 W.							
11-17	1.4	2-13	2.3				
ASH CREEK, WEST, BELOW BARRON CANAL							
Sec. 36-32-51 W.							
11-17	1.6	2-13	2.2	6-14	2.1	8-19	0.3
BALD DRAIN							
Sec. 32-23-56 W.							
10- 9	6.1	1-14	1.9	4- 6	2.4	7-14	13.7
10-21	6.9	1-28	2.0	4-21	2.1	7-27	11.1
11-13	3.3	2-10	1.9	5- 5	1.7	8-10	3.2
11-27	2.6	2-25	1.5	5-19	18.3	8-26	.6
12-11	2.8	3-11	1.2	6-10	5.0	9-14	10.7
12-24	2.7	3-23	1.6	6-25	6.9	9-29	.1
BATIE DRAIN							
Sec. 8-8-19 W.							
3-16	3.1	6-23	1.2	9-23	0.9		
BAYARD SUGAR FACTORY REFUSE INFLOW TO GRASSLAND FIELD SETTLING BASIN							
Sec. 34-21-52 W.							
10- 9	4.5	10-30	6.9	11-16	5.6	4- 6	23.9
10-19	5.3	11- 2	6.2	11-25	6.6		
10-26	4.9	11- 9	4.9	11-30	7.7		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
BAYARD SUGAR FACTORY REFUSE OUTFLOW TO GRASSLAND FIELD SETTLING BASIN Sec. 29-21-52 W.							
10-16	2.1	10-30	3.6	11- 9	5.0	11-25	7.8
10-19	2.2	11- 2	3.7	11-16	6.1	11-30	5.6
10-26	3.5						
BEAL SLOUGH AT LINCOLN Sec. 7-9-7 E.							
5-23	47.2	5-23	38.0	5-23	29.5		
BEAR CREEK NEAR MERRIMAN Sec. 8-34-37 W.							
10-23	6.3	11-20	5.3	12-17	5.7	8-18	2.4
BEAR CREEK ABOVE COLE DAM SW¼NE¼ Sec. 14-34-37 W.							
10-23	0.5	11-20	1.0	12-17	5.2	8-18	0.1
BEAR CREEK NEAR ELI Sec. 25-34-36 W.							
10-23	4.6	11-20	6.3	12-17	7.2	8-18	1.6
BEAVER CREEK, LITTLE Sec. 28-34-46 W.							
10- 9	0.1	11- 6	0.4	12- 3	0.1		
BEAVER CREEK, BIG Sec. 32-34-46 W.							
10- 9	0.0	11- 6	0.8	12- 3	0.9	7-12	0.0
BLUE CREEK ABOVE PAISLEY CANAL Sec. 28-17-42 W.							
6- 1	91.6	7-14	97.6	8- 5	85.6	8-31	96.2
6-10	86.3	7-15	105.0	8-12	105.0	9- 8	88.9
7- 8	79.0	7-19	117.0	8-19	97.7		
7-12	80.2	7-26	86.0	8-24	93.4		
BLUE RIVER, BIG, NEAR BEATRICE Sec. 33-4-6 E.							
8- 8	14000.0	8- 9	5820.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			BLUE RIVER, BIG Sec. 1-11-2 E.				
7-28	0.6						
			BLUE RIVER, BIG Sec. 17-11-3 E.				
7-28	0.9						
			BLUE RIVER, BIG Sec. 18-11-3 E.				
7-28	0.0	7-29	0.1				
			BLUE RIVER, BIG BELOW DAM NEAR SURPRISE Sec. 15-13-1 E.				
7-28	0.1						
			BLUE RIVER, BIG ABOVE DAM NEAR SURPRISE Sec. 15-13-1 E.				
7-28	0.5						
			BLUE RIVER, BIG Sec. 8-11-3 E.				
7-29	1.0						
			BLUE RIVER, BIG Sec. 33-14-1 W.				
7-30	0.1						
			BLUE RIVER, BIG Sec. 24-13-1 E.				
7-29	0.0						
			BLUE RIVER, BIG Sec. 34-14-1 W.				
7-29	0.0						
			BLUE RIVER, BIG Sec. 3-13-2 W.				
7-30	0.5						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			BLUE RIVER, BIG				
			Sec. 23-13-3 W.				
7-30	0.0						
			BLUE RIVER, BIG				
			Sec. 7-11-3 E.				
7-29	1.7						
			BLUE RIVER, BIG				
			Sec. 10-13-2 E.				
7-29	0.1						
			BLUE RIVER, BIG				
			Sec. 20-13-2 E.				
7-29	1.1						
			BOGGY CREEK BELOW WICKERSHAM DIVERSION DAM				
			Sec. 31-33-54 W.				
12-10	0.0	5-25	0.1	8-10	0.1		
			BORDEAUX CREEK, BIG, BELOW THOMAS CANAL				
			Sec. 34-34-48 W.				
6-10	6.1	7-27	3.8	7-27	2.5	9-13	2.8
			BORDEAUX CREEK, BIG, NEAR CHADRON				
			Sec. 14-33-48 W.				
10- 9	1.9	12- 3	3.2	6-10	4.2	9-13	1.0
11- 6	2.8	2-10	3.1				
			BORDEAUX CREEK, LITTLE, BELOW HARTZELL CANAL				
			Sec. 13-33-48 W.				
10- 9	1.2	12- 3	2.6	6-10	3.8	9-13	1.3
11- 6	1.4	2-10	2.8	7-27	2.8		
			BOSSUNG DRAIN				
			Sec. 15-9-22 W.				
3-11	0.3	6-23	0.3	9-22	0.1		
			BUFFALO CREEK NEAR ELM CREEK				
			Sec. 33-9-18 W.				
10- 2	15.7	12- 3	0.0	2-18	1.3	4-15	0.3
10- 8	64.6	12-17	.5	3- 2	1.4	4-28	.1
11-12	6.1	1-29	.4	3-16	.6		
11-24	.2	2- 4	.5	4- 1	.6		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
BUFFALO CREEK, EAST BRANCH, TRIBUTARY TO, NEAR BUFFALO—Sec. 16-12-22 W.							
6-16	49.0						
BULL DRAIN NEAR MAXWELL Sec. 20-13-28 W.							
10- 7	3.2	2- 9	4.2	4-20	4.5	8- 4	3.0
11- 2	2.9	3- 1	4.5	5-12	4.3	8-18	3.5
11-16	3.5	3-15	7.5	5-19	5.7	8-25	3.1
12-17	3.8	3-30	4.1	6-22	2.9	9- 8	4.2
1-30	3.4	4-13	5.0	7-13	2.8	9-28	3.4
CALAMUS RIVER NEAR HARROP Sec. 22-23-18 W.							
10-12	215.0						
CARAWAY DRAIN Sec. 15-9-22 W.							
3-11	0.4	6-23	0.1	9-22	0.1		
CEDAR BRANCH CREEK NEAR NEVINS Sec. 17-14-35 W.							
10- 9	1.8	3-15	2.0	6-17	1.8	8-25	2.3
12-12	1.9	4- 2	2.0	7-14	1.8	9-15	1.8
1- 9	1.9	5- 7	2.2	7-28	1.9	9-29	1.9
2- 4	1.9	5-21	2.2	8-11	2.0		
CEDAR CREEK Sec. 11-18-48 W.							
10- 6	11.5	11-23	8.6	2- 8	12.7	3-22	10.4
10-19	7.6	11-30	10.0	2-13	12.5	3-29	10.1
10-26	8.2	12- 7	12.8	2-23	12.4	4- 5	8.8
11- 3	8.4	12-14	16.4	3- 1	11.2	4-12	8.7
11- 9	7.6	1- 4	12.1	3- 8	12.5	4-19	8.8
11-16	7.9	1-11	11.9	3-15	12.9	4-26	9.4
CHADRON CREEK ONE-HALF MILE ABOVE CITY RESERVOIR Sec. 19-32-48 W.							
10-14	1.5	12- 7	2.3	5-24	2.7	8- 5	1.0
10-21	2.1	1-11	2.4	6- 9	2.4	8-23	1.4
11- 9	1.7	2- 8	1.8	6-21	1.5	9-13	.6
11-24	2.5	3- 4	2.5	7-12	.8	9-29	.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
CHADRON CREEK 500 FEET BELOW CITY RESERVOIR							
			Sec. 18-32-48 W.				
10-14	0.0	12- 7	0.5	5-24	4.3	8- 5	0.0
10-21	.0	1-11	1.1	6- 9	1.4	9-13	.0
11- 9	.1	2- 8	.8	6-21	2.4	9-29	.0
11-24	.4	3- 4	1.2	7-12	.0		
CLEAR CREEK							
			Sec. 5-15-41 W.				
10-30	7.7	3-26	8.7	5-21	8.7	8-18	5.3
12-11	8.8	4-20	10.1	6-11	7.5	9-16	8.3
1-15	8.8	5- 7	6.8	7-15	4.3	9-30	10.6
CLEVELAND DRAIN							
			Sec. 6-20-52 W.				
10- 8	16.6	12- 2	1.4	1-21	0.4	3-22	1.6
10-20	2.6	12-18	2.0	2- 4	.9	4-13	1.8
11- 2	1.5	12-26	1.3	2-18	1.4	4-29	3.4
11-19	1.5	1- 9	1.2	3- 4	.7		
COLD WATER CREEK BELOW LISCO CANAL							
			Sec. 34-18-46 W.				
10-20	3.6	12- 8	4.4	1-25	4.1	3-16	4.1
10-27	3.7	12-15	4.1	2- 9	3.8	3-23	4.4
11- 3	3.3	12-22	3.4	2-16	3 5	3-30	4.3
11-10	4.1	12-29	3.4	2-24	4.2	4- 6	4.3
11-17	3.3	1- 5	3.9	3- 3	3.7	4-13	3.8
11-24	4.2	1-12	4.0	3- 9	3.5	4-27	3.8
12- 1	4.1	1-19	3.9				
COTTONWOOD CREEK NEAR DUNLAP							
			Sec. 27-29-48 W.				
10- 5	0.2	2- 8	3.4	5-17	2.6	8- 9	0.2
10-14	.3	4- 5	1.8	6-14	.3	8-23	.1
11- 5	.8	4-27	2.0	7- 6	.3	9-20	.2
COTTONWOOD CREEK, BIG							
			Sec. 22-33-50 W.				
10- 7	0.6	2-15	4.9	6- 1	19.1	7-23	2.2
11-10	.5	4-28	1.1	7-15	.8	8- 5	3.2
11-23	1.4						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			COTTONWOOD CREEK, LITTLE				
			Sec. 8-32-52 W.				
11-10	0.0	4-28	0.0	7-12	0.0	8-30	0.0
11-19	.2						
			COTTONWOOD CREEK, LITTLE, NEAR BLOOMINGTON				
			Sec. 6-1-15 W.				
10-26	1.9	3-18	2.1	5-14	2.2	7-16	1.7
11-27	2.6	4- 9	2.1	6-25	1.6	9-24	1.3
			COTTONWOOD CREEK, LITTLE				
			Sec. 9-32-51 W.				
6- 8	0.1						
			CROOKED CREEK NEAR RED CLOUD				
			Sec. 1-1-11 W.				
10-27	0.8	3-18	1.5	5-14	1.1	9-24	0.0
11-27	1.6	4- 9	1.4	6-25	.7		
			DAVIS CREEK NEAR NORTH LOUP				
			Sec. 33-17-13 W.				
5- 5	0.0						
			DAVIS CREEK				
			Sec. 1-13-3 W.				
7-30	0.0						
			DAWSON COUNTY DRAIN NO. 2				
			Sec. 25-10-23 W.				
10- 9	3.3	1-22	1.4	2-25	1.7	4- 8	1.3
11-13	2.3	2- 4	2.7	3- 9	1.4	4-29	1.3
12-11	.8						
			DEAD HORSE CREEK NEAR LOUP CITY				
			Sec. 17-15-14 W.				
6-17	2410.0						
			DEAD HORSE CREEK, TRIBUTARY TO, NEAR LOUP CITY				
			Sec. 7-15-14 W.				
6-17	944.0						
			DEAD HORSE CREEK				
			Sec. 32-33-49 W.				
11-17	1.1	2-10	1.8	6-21	2.0	8-16	0.1
12-15	1.4						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			DEAD HORSE CREEK NEAR LOUP CITY				
			Sec. 18-15-14 W.				
10-27	0.0						
			DEGRAW DRAIN				
			Sec. 24-20-51 W.				
10-19	4.3	2-13	2.5	5- 8	1.4	7-17	0.7
11- 3	4.9	3- 2	1.4	5-22	1.4	7-28	.7
11-19	6.3	3-15	4.3	6- 5	1.2	8-21	1.5
12- 7	4.6	4- 3	4.7	6-19	1.1	9- 4	2.0
1-16	2.7	4-17	1.9	7- 3	1.2	9-18	3.8
1-30	2.8						
			DELMAR-ANDERSON DRAIN				
			Sec. 25-9-22 W.				
3-11	1.4	6-23	1.8	9-22	0.8		
			DRINGMAN DRAIN				
			Sec. 32-14-33 W.				
10-30	3.0	2-15	3.2	5-14	3.3	7-28	3.0
11-25	3.8	3-18	3.0	5-28	3.4	8-25	3.2
12-17	4.0	4- 6	2.8	6-25	3.1	9-15	3.8
1-16	4.3						
			DRY CREEK NEAR MERRIMAN				
			Sec. 17-34-37 W.				
10-23	1.5	11-20	1.0	12-17	2.3	8-18	1.2
			DUGOUT CREEK, UPPER				
			Sec. 20-20-50 W.				
10-19	11.3	1-30	3.7	4-17	2.5	7-17	2.2
11- 2	8.5	2-13	4.5	5- 8	2.2	7-28	6.9
11-19	8.0	3- 2	4.0	5-22	1.9	8-21	5.2
12- 2	8.2	3-11	2.3	6- 5	1.8	9- 4	5.5
12-18	6.2	3-15	6.4	6-19	32.1	9-18	10.5
1-16	4.8	4- 3	4.0	7- 3	2.3		
			ELM CREEK NEAR OVERTON				
			Sec. 12-10-20 W.				
8-18	12.7						
			ELM CREEK, TRIBUTARY TO, NEAR OVERTON				
			Sec. 7-10-19 W.				
8-18	1.8						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			ELM CREEK NEAR ELM CREEK				
			Sec. 33-9-18 W.				
10- 2	0.7	11-13	0.0	1-29	0.0	3-16	0.0
10- 8	8.2	11-24	.0	2- 4	34.8	4- 1	.0
10-16	.2	12- 3	.0	2-18	.0	4-15	.0
11-12	.0	12-17	.0	3- 2	.0		
			ELM CREEK NEAR AMBOY				
			Sec. 3-1-10 W.				
3-18	16.1	4- 9	16.3	5-14	15.8	7-16	14.2
			ELMORE STORAGE IN ACRE-FEET				
			From Snake Creek—Sec. 1-24-52 W.				
2-17	510	4-28	790				
			ENGLISH CREEK NEAR CRAWFORD				
			Sec. 2-31-52 W.				
11-19	0.1	2-13	0.1	6-14	0.1		
			ERICKSON DRAIN				
			Sec. 14-12-28 W.				
3-19	1.2	6-26	2.0	9-15	2.2		
			EUREKA CREEK NEAR NAPONEE				
			Sec. 1-1-17 W.				
10-27	0.0	3-18	0.0	5-14	0.1	7-16	1.3
11-27	.0	4- 9	.1	6-25	1.2	9-24	1.3
			FAIRFIELD SEEP				
			Sec. 18-21-53 W.				
10-14	0.5	1-21	0.0	4-17	0.0	7-28	1.9
10-27	.0	2- 4	.0	5- 3	.0	8-10	5.2
11-12	.0	2-18	.0	5-17	.6	8-28	1.6
11-25	.0	3- 4	.0	6- 1	.9	9-25	2.6
12-10	.0	3-16	.0	6-17	1.2		
1- 9	.0	4- 3	.4	7-12	1.2		
			FANNING SEEP ONE-HALF MILE NORTH OF MITCHELL BRIDGE				
			Sec. 28-23-56 W.				
10- 9	1.3	1-28	0.1	4-21	0.0	7-27	1.0
10-21	1.3	2-10	1.0	5- 5	.0	8-10	.8
11-13	1.2	2-25	.4	5-19	.0	8-26	.8
11-27	1.2	3-11	.3	6-10	.4	9-14	.5
12-11	.7	3-23	1.1	6-25	.3	9-29	.9
1-14	.0	4- 6	.0	7-14	.3		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			FARMERS CREEK NEAR INAVALE				
			Sec. 5-1-12 W.				
10-27	1.3	3-18	2.9	5-14	2.1	7-16	0.0
11-27	3.3	4- 9	2.3	6-25	.5	9-24	.0
			FLAG CREEK NEAR ORLEANS				
			Sec. 16-2-19 W.				
10-27	0.6	3-18	1.2	5-14	1.5	7-16	0.2
11-27	1.1	4- 9	1.2	6-23	.7		
			FLOCK DRAIN				
			Sec. 8-13-29 W.				
10-17	13.0	2-13	7.5	5- 1	8.3	7-24	14.4
10-31	10.1	3- 5	4.3	5-12	10.2	8-14	18.8
11-21	10.0	3-20	8.1	5-29	10.9	8-28	13.6
12- 5	9.2	3-31	8.8	6-12	12.5	9-11	14.5
12-15	10.3	4-17	9.2	6-30	15.9	9-25	12.9
1-16	7.8						
			FREMONT SLOUGH ON HIGHWAY 83				
			Sec. 16-13-30 W.				
10-17	20.8	12- 5	32.9	2-13	32.3	3-31	32.2
10-31	25.4	12-15	29.8	3- 5	30.0	4-17	20.8
11-21	27.4	1-16	28.7	3-20	34.7		
			FREMONT SLOUGH BELOW SUTHERLAND POWER RETURN CANAL				
			Sec. 16-13-30 W.				
10-17	2.5	1-16	5.5	4-17	5.5	7-21	4.5
10-31	2.6	2-13	7.0	5- 8	6.4	8-14	5.7
11-21	2.5	3- 5	7.9	5-29	7.0	8-28	5.3
12- 5	3.8	3-20	9.0	6-12	6.0	9-11	6.1
12-15	3.5	3-31	8.7	7- 3	6.1	9-25	6.6
			FREMONT SLOUGH				
			Sec. 17-13-29 W.				
10-17	9.1	2-13	11.2	5- 1	14.0	7-24	14.4
10-31	9.9	3- 5	12.2	5-12	11.9	8-14	12.9
11-21	9.3	3-20	10.1	5-29	13.2	8-28	9.3
12- 5	9.4	3-31	10.5	6-12	10.4	9-11	9.6
12-15	10.5	4-17	11.7	7- 3	11.9	9-25	9.3
1-16	10.8						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			FRENCHMAN RIVER BELOW CULBERTSON CANAL NEAR PALISADE				
			Sec. 31-5-33 W.				
7-20	2.7	8-16	3.3	9- 2	36.1	9-16	60.3
			GINAPP DRAIN				
			Sec. 25-12-27 W.				
3-18	3.9	6-25	2.3	9-15	2.8		
			GORMLEY DRAIN				
			Sec. 21-13-29 W.				
3-19	0.8	6-30	0.2	9-21	0.1		
			GRAVEL CREEK				
			Sec. 9-14-36 W.				
10- 8	2.6	2-18	2.7	6-10	2.8	8-26	2.6
11-13	3.0	3-11	3.0	6-30	2.6	9-16	2.7
12-18	3.2	4- 2	3.0	7-29	2.4		
1-28	2.9	5-13	3.0	8-12	2.5		
			GREENWOOD CREEK BELOW MEGLEMRE CANAL				
			Sec. 3-18-50 W.				
5-14	1.3	7- 3	1.7	7-14	0.9	8-21	0.1
			HAT CREEK ABOVE COFFEE CANAL				
			Sec. 35-33-55 W.				
10-10	0.9	12-10	2.6	5-25	2.1	9- 1	0.2
11-25	2.5	2-24	2.0	8-10	.1		
			HERSHEY DRAIN				
			Sec. 33-14-32 W.				
10- 2	12.9	2- 8	20.4	5-14	15.8	9- 1	12.3
11-12	19.5	3-10	18.5	6-11	14.3	9-22	13.4
12-11	19.8	4- 3	18.9	7-21	9.1		
1- 4	19.7	4-13	18.2	8-11	10.9		
			HONEY DRAIN NO. 1				
			Sec. 6-9-22 W.				
3-11	8.4	6-28	2.6	9-22	3.2		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			HONEY DRAIN NO. 2				
			Sec. 7-9-22 W.				
3-11	3.7	6-23	7.0	9-22	3.2		
			HOOD DRAIN				
			Sec. 21-13-29 W.				
3-19	0.7	6-30	0.4	9-21	0.4		
			HOOKER CREEK				
			Sec. 31-32-51 W.				
11-19	0.0	2-13	0.1	6- 8	0.1		
			HOOPER CREEK, TRIBUTARY TO, NEAR PALMYRA				
			Sec. 9-9-9 E.				
8-23	11.2	8-23	228.0				
			HOOPER CREEK NEAR PALMYRA				
			Sec. 29-9-10 E.				
8-23	991.0						
			HORSE CREEK NEAR PARKS				
			Sec. 23-1-39 W.				
10-14	2.0	5- 4	2.3	8-10	1.5	9-21	1.8
4- 6	2.4	6- 4	1.7				
			HYDE DRAIN				
			Sec. 20-10-26 W.				
11-27	3.3	3-18	4.2	6-25	2.8	9-15	3.4
			INDIAN CREEK ABOVE GARDNER DAM				
			Sec. 11-2-37 W.				
7-12	1.0						
			INDIAN CREEK BELOW GARDNER DAM				
			Sec. 11-2-37 W.				
7-12	0.7						
			INDIAN CREEK				
			Sec. 19-20-50 W.				
10-19	10.3	12-18	6.7	1-30	5.6	3-15	6.0
11- 2	9.6	12-24	6.7	2-13	4.5	4- 3	4.7
11-19	10.5	1-16	6.3	3- 2	4.8	4-17	4.0
12- 2	7.8						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			INDIAN CREEK				
			Sec. 16-32-50 W.				
11-17	0.1	12-15	0.0	2-10	0.1	6-21	0.1
			INDIAN CREEK				
			Sec. 3-31-50 W.				
6-21	0.1						
			INDIAN CREEK NEAR MAX				
			Sec. 23-2-36 W.				
4- 6	4.4	6- 4	3.8	7-12	0.7	8-26	0.5
5- 4	4.2	7-12	1.0				
			INDIAN CREEK NEAR RED CLOUD				
			Sec. 4-1-11 W.				
10-27	1.4	3-18	1.9	5-14	1.8	7-16	0.0
11-27	2.3	4- 9	1.7	6-25	.7	9-24	.0
			JIM CREEK				
			SW¼SE¼ Sec. 13-33-57 W.				
11-25	0.3						
			JIM CREEK				
			Sec. 8-33-56 W.				
11-25	0.1						
			KAUFMAN-SCROGGINS DRAIN				
			Sec. 15-10-24 W.				
3-17	0.8	6-25	0.4	9-22	0.4		
			KEARNEY SEWER				
			Sec. 8-8-15 W.				
5-21	1.1	6- 3	1.7	6- 4	0.8	6-17	2.8
5-21	1.2	6- 4	.7	6-17	2.9		
			KEITH-LINCOLN CO. DRAIN NO. 2				
			Sec. 24-14-35 W.				
10- 9	2.1	3-15	1.0	6-17	2.4	9-15	1.2
12-12	1.7	4- 2	.8	7-14	2.6	9-29	1.7
1- 9	1.6	5- 7	1.4	8- 4	3.0		
2- 4	.8	5-21	2.3	8-25	3.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 20 Sec. 3-14-38 W.						
10-29	0.0	2-11	0.0	5-27	0.0	9- 2	0.0
11-27	.0	3-19	.0	6-24	.0	9-23	.0
1-28	.0	5- 6	.0	8- 5	.0		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 30 Sec. 3-14-38 W.						
10-29	0.1	2-11	0.0	5-27	0.1	9- 2	0.0
11-27	.0	3-19	.0	6-24	.0	9-23	.0
1-28	.0	5- 6	.0	8- 5	.1		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 40 Sec. 3-14-38 W.						
10-29	0.0	2-11	0.0	5-27	0.0	9- 2	0.0
11-27	.0	3-19	.0	6-24	.0	9-23	.0
1-28	.0	5- 6	.0	8- 5	.0		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 50 Sec. 34-14-38 W.						
10-29	0.0	2-11	0.0	5-27	0.0	9- 2	0.0
11-27	.0	3-19	.0	6-24	.0	9-23	.0
1-28	.0	5- 6	.0	8- 5	.0		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 60 Sec. 34-15-38 W.						
10-29	1.0	2-11	0.8	5-27	1.0	9- 2	0.9
11-27	.8	3-19	.9	6-24	1.1	9-23	.8
1-28	.7	5- 6	.9	8- 5	1.1		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 70 Sec. 34-15-38 W.						
10-29	4.6	2-11	4.9	5-27	4.8	9- 2	4.3
11-27	4.6	3-19	4.7	6-24	5.1	9-23	4.2
1-28	5.0	5- 6	4.7	8- 5	4.4		
	KINGSLEY DAM SEEPAGE, DRAIN AT STATION 80 Sec. 34-15-38 W.						
10-29	6.2	2-11	6.2	5-27	5.6	9- 2	5.2
11-27	6.1	3-19	5.7	6-24	6.1	9-23	5.1
1-28	6.0	5- 6	5.6	8- 5	6.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 94							
Sec. 34-15-38 W.							
10-29	0.1	2-11	0.0	5-27	0.1	9- 2	0.0
11-27	.0	3-19	.0	6-24	.1	9-23	.0
1-28	.0	5- 6	.0	8- 5	.1		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 100							
Sec. 34-15-38 W.							
10-29	1.3	2-11	1.0	5-27	1.2	9- 2	0.4
11-27	1.3	3-19	1.0	6-24	1.1	9-23	.4
1-28	1.2	5- 6	1.1	8- 5	.9		
KOCH DRAIN							
Sec. 6-10-24 W.							
3-18	1.1	6-25	0.4	9-22	0.5		
LAIER DRAIN							
Sec. 7-10-24 W.							
3-17	3.8	6-25	2.6	9-22	2.7		
LANE DRAIN							
Sec. 30-23-57 W.							
10- 7	5.2	1-13	1.4	4-15	0.6	7-26	5.1
10-20	4.0	1-27	1.6	5- 5	.8	8-11	6.0
11-10	2.6	2- 9	1.0	5-19	1.1	8-25	7.0
11-24	2.0	2-24	.9	6- 2	1.6	9-15	5.6
12- 9	2.9	3-10	.9	6-16	1.8	9-29	5.9
12-24	2.9	4- 2	1.0	7- 7	1.5		
LARABEE CREEK							
Sec. 6-34-44 W.							
10- 9	2.1	11- 6	2.3	12- 3	2.7		
LARSON DRAIN							
Sec. 10-8-20 W.							
3-17	1.8	6-23	1.6	9-23	1.6		
LAWRENCE FORK CREEK BELOW RANDALL CANAL							
Sec. 21-18-52 W.							
7- 1	0.1	7-17	0.2	8- 7	0.1	8-21	0.1
7-10	.1	7-24	.2				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
LAWRENCE FORK CREEK ON HIGHWAY 88							
			Sec. 25-19-52 W.				
5-14	0.2	6-12	0.0	7-10	0.0	8- 7	0.0
5-22	.2						
LAWRENCE FORK CREEK BELOW LAING CANAL							
			Sec. 28-18-52 W.				
5- 8	1.0	5-14	0.8	5-22	1.9		
LILLIAN CREEK, TRIBUTARY TO, NEAR BROKEN BOW							
			Sec. 19-18-20 W.				
6-17	35.7						
LINCOLN COUNTY DRAIN NO. 2							
			Sec. 12-14-33 W.				
10- 2	3.0	2- 8	2.7	5-14	2.2	8-19	3.7
11-12	3.6	3-10	2.6	6-11	3.4	9- 1	3.2
12-11	3.5	4- 3	2.6	7-21	2.6	9-22	3.9
1- 4	2.8	4-13	2.1	8- 4	3.0		
LITTLE RIVER							
			Sec. 17-13-29 W.				
8-11	1.5						
LODGEPOLE CREEK ON WYOMING-NEBRASKA LINE							
			Sec. 11-14-59 W.				
10- 5	1.5	12- 7	3.7	2- 8	4.3	4-26	0.9
10-13	1.3	12-14	3.6	2-23	3.9	5- 3	1.0
10-19	2.4	12-21	2.9	3- 1	4.9	5-17	2.1
10-26	1.9	12-28	2.9	3- 8	4.1	5-24	5.0
11- 2	2.9	1- 4	4.0	3-15	3.9	6- 7	1.0
11-11	3.3	1-12	4.3	3-22	3.2	6-21	.4
11-16	3.3	1-18	4.5	4- 5	4.4	7-26	.4
11-23	4.0	1-25	4.2	4-12	.8	8- 9	.8
11-30	3.4	2- 1	3.7	4-19	.8		
LODGEPOLE CREEK BELOW OLIVER RESERVOIR UPSTREAM FROM KIMBALL CANAL SPILLWAY							
			Sec. 36-15-57 W.				
5-24	2.7						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
LODGEPOLE CREEK BELOW OLIVER RESERVOIR AND NEW RUTTNER CANAL							
Sec. 31-15-56 W.							
10- 5	3.0	11-30	3.0	1-25	2.7	3-22	2.7
10-13	2.7	12- 7	2.7	2- 1	3.0	3-31	2.7
10-19	2.4	12-14	2.4	2- 8	2.8	4- 5	5.5
10-26	2.2	12-21	2.3	2-15	3.0	4-12	3.7
11- 2	2.4	12-28	3.0	2-23	2.7	4-19	3.5
11-11	2.7	1- 4	3.0	3- 1	2.8	4-26	3.8
11-16	2.7	1-12	3.0	3- 8	2.7		
11-23	3.0	1-18	2.7	3-15	1.5		
LODGEPOLE CREEK NEAR KIMBALL BELOW OWASCO DIVERSION DAM							
Sec. 29-15-55 W.							
6- 1	0.0	7-12	0.8	7-26	0.0	8- 9	0.0
7- 6	.7	7-19	.0	8- 2	.0	8-23	.0
LODGEPOLE CREEK ABOVE BENNETT RESERVOIR							
Sec. 29-15-55 W.							
10- 5	0.7	11-30	7.0	1-25	8.4	3-29	9.2
10-13	.3	12- 7	7.7	2- 1	6.6	4- 6	5.7
10-19	.6	12-14	6.7	2- 8	6.6	4-12	7.9
10-26	1.4	12-21	6.5	2-15	8.4	4-19	4.1
11- 2	2.3	12-28	5.4	2-23	6.5	4-26	4.3
11-11	6.3	1- 4	8.4	3- 1	6.7		
11-16	6.7	1-12	8.3	3- 8	7.6		
11-23	6.4	1-18	7.6	3-22	10.6		
LODGEPOLE CREEK BELOW BENNETT RESERVOIR							
Sec. 22-15-55 W.							
10- 5	0.0	11-30	0.0	2- 1	0.0	4- 5	0.0
10-13	.0	12- 7	.0	2- 8	.0	4-12	.0
10-19	.0	12-14	.0	2-15	.0	4-19	.0
10-26	.0	12-21	.0	2-23	.0	4-26	.0
11- 2	.0	1- 4	.0	3- 1	.0		
11-11	.0	1-12	.0	3- 8	.0		
11-16	.0	1-18	.0	3-22	.0		
11-24	.0	1-25	.0	3-29	.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
LODGEPOLE CREEK NEAR DIX							
Sec. 27-15-54 W.							
10-13	0.0	12-28	0.0	3-15	0.0	6- 3	0.0
10-19	.0	1- 4	.0	3-22	.0	6- 8	.0
10-26	.0	1-12	.0	3-29	.0	6-15	.0
11- 2	.0	1-18	.0	4- 5	.0	8- 3	.0
11-11	.0	1-25	.0	4-12	.0	8-10	.0
11-16	.0	2- 1	.0	4-19	.0	8-24	.0
11-23	.0	2- 8	.0	4-26	.0	9- 1	.0
11-30	.0	2-15	.0	5- 5	.0	9- 8	.0
12- 7	.0	2-23	.0	5-11	.0	9-15	.0
12-14	.0	3- 1	.0	5-18	.0		
12-21	.0	3- 8	.0	5-25	.0		
LODGEPOLE CREEK NEAR POTTER							
Sec. 6-14-52 W.							
10-13	0.0	1- 4	0.0	4- 5	0.0	7-14	0.0
10-19	.0	1-12	.0	4-12	.0	7-20	.0
10-26	.0	1-18	.0	4-19	.0	8- 3	.0
11- 2	.0	1-25	.0	4-26	.0	8-10	.0
11-11	.0	2- 1	.0	5- 5	.0	8-24	.0
11-16	.0	2- 8	.0	5-18	.0	9- 1	.0
11-23	.0	2-15	.0	5-25	.0	9- 8	.0
11-30	.0	3- 8	.0	6- 8	.0		
12- 7	.0	3-15	.0	6-15	.0		
12-14	.0	3-22	.0	6-24	.0		
LODGEPOLE CREEK SOUTH OF BRONSON ON WEST LINE							
Sec. 19-14-50 W.							
10-14	0.0	1-12	0.0	3-16	0.0	6- 8	0.0
10-19	.0	1-19	.0	3-22	.0	6-15	.0
10-26	.0	1-25	.0	3-29	.0	6-24	.0
11- 2	.0	2- 2	.0	4- 5	.0	7-14	.0
11-12	.0	2- 9	.0	4-12	.0	8-10	.0
11-16	.0	2-15	.0	4-19	.0	9- 2	.0
11-23	.0	2-25	.0	4-26	.0	9- 8	.0
11-30	.0	3- 1	.0	5-18	.0	9-15	.0
12- 7	.0	3- 8	.0	5-25	.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

LODGEPOLE CREEK BELOW RUNGE CANAL ON SOUTH LINE

Sec. 20-14-50 W.

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
10- 5	0.4	1-13	1.4	3-23	2.4	6-24	0.1
10-14	.6	1-19	1.6	3-29	2.3	7- 7	.1
10-28	.3	1-25	1.9	4- 9	2.4	7-14	.1
11- 3	.1	2- 2	1.2	4-13	1.1	7-20	.1
11-12	1.4	2- 9	1.4	4-20	.1	7-27	.0
11-17	1.0	2-16	1.5	4-27	.1	8-10	.1
12- 2	1.5	2-25	1.7	5-10	.5	8-24	.1
12- 9	1.5	3- 2	2.3	5-19	.1	9- 1	.0
12-16	1.1	3- 9	1.4	5-25	1.0	9- 8	1.2
12-29	1.7	3-16	.0	6-15	.5	9-28	1.0
1- 5	.9						

LODGEPOLE CREEK ON EAST LINE

Sec. 33-14-50 W.

5- 3	0.3	6- 3	0.7	7-27	0.0	9- 8	2.5
5-10	.2	6- 8	.5	8-10	.0	9-15	1.8
5-19	.2	6-15	.8	8-24	3.8	9-28	2.2
5-25	1.0	7-20	.0	9- 2	.1		

LODGEPOLE CREEK AT AIRPORT ON EAST LINE

Sec. 34-14-50 W.

10- 5	0.0	12-29	0.5	4- 9	2.2	6-15	4.9
10-14	.0	1- 5	1.7	4-20	.3	6-24	.2
10-28	.5	1-13	1.7	5- 3	.0	8-10	.0
11- 3	.6	2- 9	1.7	5- 7	.5	8-24	2.6
11-12	.9	2-25	1.4	5-10	.1	9- 2	.1
11-17	.2	3- 2	1.1	5-19	.3	9- 8	2.8
12- 2	1.9	3- 9	2.1	5-25	1.4	9-15	1.1
12- 9	1.8	3-23	1.5	6- 3	.6	9-28	1.6
12-16	.9	3-29	2.4	6- 8	.7		

LODGEPOLE CREEK NEAR SIDNEY CITY PARK

Sec. 6-13-49 W.

10- 5	0.2	1-19	0.9	4-13	0.5	7-14	0.3
10-14	.0	1-26	1.3	4-20	1.3	7-20	.3
10-19	.1	2- 2	1.1	4-27	.8	7-27	.1
10-28	.1	2- 9	1.6	5- 7	1.3	8-17	464.0
11- 3	.1	2-16	.7	5-10	1.0	8-24	.8
11-12	.1	2-25	.0	5-19	6.6	9- 2	.0
11-17	.0	3- 2	.0	5-25	1.4	9- 8	2.0
12- 2	.1	3- 9	.3	6- 3	.4	9-15	.4
12- 9	.2	3-16	.7	6- 8	.5	9-28	.2
12-16	.5	3-23	1.8	6-15	14.8		
1- 5	1.5	3-29	.6	6-24	.5		
1-13	.9	4- 9	.7	7- 7	.8		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			LODGEPOLE CREEK ON HIGHWAY 19				
			Sec. 5-13-49 W.				
10-14	0.0	1-13	1.1	4-20	0.6	7-14	1.7
10-28	.5	2- 9	1.1	4-27	.5	7-20	1.6
11- 3	.0	2-16	.9	5- 7	.6	7-27	.2
11-12	.1	2-25	.0	5-10	.5	8- 3	.2
12- 2	.1	3- 2	.0	5-25	1.2	8-10	.2
12- 9	.2	3- 9	.5	6- 3	.6	8-17	201.0
12-16	.6	3-23	1.1	6- 8	.4	8-24	1.6
12-29	.5	3-31	.9	6-15	11.7	9- 2	.1
1- 5	1.8	4- 9	1.0	7- 7	.5	9- 8	1.1
			LODGEPOLE CREEK ABOVE KRUEGER CANAL				
			Sec. 31-14-48 W.				
10- 6	3.3	2-25	4.0	7- 8	3.3	8-24	9.0
10-14	4.2	3- 2	5.0	7-14	1.1	9- 2	5.8
12- 2	7.3	5-12	7.0	7-20	4.4	9-15	5.2
12- 9	5.5	5-19	5.2	7-27	3.5	9-28	3.0
12-16	2.8	6- 9	4.5	8- 4	1.4		
1-26	4.1	6-24	3.4	8-10	2.5		
			LODGEPOLE CREEK BELOW KRUEGER LAKE				
			SW¼ Sec. 29-14-48 W.				
10- 2	0.1	1- 5	6.1	3-23	6.9	6- 9	0.5
10- 6	.0	1-13	6.5	3-31	8.1	6-15	.0
10-14	.0	1-19	6.1	4- 9	6.4	6-24	.0
10-28	2.4	1-26	5.2	4-13	4.6	7- 8	.2
11- 3	3.0	2- 2	4.6	4-20	5.0	7-20	.1
11-12	7.0	2- 9	4.3	4-27	4.8	7-27	.1
11-17	4.8	2-16	4.8	5- 7	6.1	8- 4	.1
12- 2	8.2	2-25	6.4	5-11	1.5	8-24	12.3
12- 9	5.8	3- 2	7.3	5-19	6.8	9- 2	.0
12-16	6.2	3- 9	5.8	5-27	.4	9-28	2.3
12-29	5.0	3-16	4.9	6- 4	.6		
			LODGEPOLE CREEK SOUTH OF SUNOL				
			Sec. 36-14-48 W.				
10- 2	2.0	1-19	7.3	4-13	6.8	7-13	0.8
10- 6	1.8	1-26	2.6	4-20	4.9	7-21	1.8
10-14	2.0	2- 2	5.3	4-27	6.0	7-28	.2
11- 3	3.9	2- 9	4.7	5- 7	5.9	8- 4	.9
11-12	5.8	2-16	4.3	5-12	2.0	8-11	.9
11-17	5.8	2-25	4.9	5-20	2.4	8-25	9.1
12- 2	7.2	3- 2	5.5	5-27	1.8	9- 9	15.9
12- 9	4.8	3- 9	5.2	6- 4	2.0	9-16	7.2
12-16	6.1	3-16	4.8	6- 9	2.5	9-22	5.5
12-29	5.1	3-23	6.7	6-16	3.4	9-30	4.5
1- 5	5.3	3-31	8.2	6-24	1.9		
1-13	4.8	4- 9	5.3	7- 8	1.8		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
LODGEPOLE CREEK SOUTHEAST OF LODGEPOLE							
Sec. 32-14-46 W.							
10- 2	4.8	1-19	9.0	4-13	9.6	7-21	0.2
10- 6	2.5	1-26	8.8	4-20	7.0	7-28	.3
10-28	6.0	2- 2	7.5	4-27	8.3	8- 4	.2
11- 3	7.3	2- 9	6.7	5- 7	8.0	8-11	.1
11-12	8.2	2-16	8.5	5-12	5.2	8-25	13.3
11-17	9.1	2-25	7.4	5-20	8.6	9- 9	12.2
12- 2	11.0	3- 2	8.7	5-27	7.1	9-16	6.4
12- 9	10.4	3- 9	9.5	6- 4	5.1	9-22	3.8
12-16	11.3	3-16	7.7	6- 9	3.3	9-30	.6
12-29	7.1	3-23	10.7	6-16	2.2		
1- 5	9.2	3-31	12.2	6-24	1.8		
1-13	6.5	4- 9	11.7	7-13	.3		
LODGEPOLE CREEK NEAR CHAPPELL ON EAST LINE							
Sec. 21-13-45 W.							
10- 2	6.6	1- 5	9.0	3-23	12.1	6- 9	8.8
10- 6	5.7	1-13	13.1	3-31	13.6	6-16	3.3
10-14	4.1	1-19	15.4	4- 9	12.7	6-24	2.3
10-28	11.4	1-26	10.1	4-13	12.6	7- 8	2.1
11- 3	7.0	2- 2	11.3	4-20	10.3	7-21	.6
11-12	10.3	2- 9	9.4	4-27	9.3	7-28	1.5
11-17	9.0	2-16	12.9	5- 8	7.4	8-11	.8
12- 2	13.7	2-25	11.7	5-12	8.6	8-25	8.2
12- 9	14.6	3- 2	13.0	5-20	13.9	9- 9	7.8
12-16	11.5	3- 9	12.0	5-27	8.6	9-16	6.2
12-29	17.7	3-16	11.4	6- 4	10.1		
LONERGAN CREEK NEAR LEMOYNE							
Sec. 7-15-39 W.							
10-30	4.9	3-26	5.0	5-21	5.0	9-16	5.1
12-11	4.9	5- 7	5.9	8-18	5.1	9-30	5.0
1-15	4.9	5- 7	5.9	8-18	5.1		
LOST CREEK ABOVE RESERVOIR							
Sec. 23-17-44 W.							
7-14	0.2	7-30	0.2				
LOST CREEK BELOW RESERVOIR							
Sec. 23-17-44 W.							
7-14	0.0						
LOST CREEK, EAST LINE							
Sec. 28-17-1 E.							
7-19	0.0						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
LOST CREEK, NORTH LINE							
			Sec. 28-17-2 E.				
7-19	1.6						
LOST CREEK							
			Sec. 27-17-2 E.				
7-19	0.2						
LOST CREEK							
			Sec. 26-17-1 E.				
7-19	6.6						
LOWER 96 RANCH DRAIN							
			Sec. 35-11-25 W.				
3-18	6.2	6-25	3.6	9-22	6.6		
MARTIN DRAIN							
			Sec. 6-12-28 W.				
9-21	2.7	3-19	2.7	6-26	1.3		
McDOWELL DRAIN							
			Sec. 6-10-24 W.				
3-18	2.5	6-25	1.6	9-22	1.9		
MELBETA DRAIN ONE-HALF MILE WEST OF MELBETA BRIDGE							
			Sec. 13-21-54 W.				
10- 8	3.8	12- 2	2.4	2- 4	1.8	4- 3	2.6
10-20	2.7	12-18	2.6	2-18	2.1	4-17	2.7
11- 2	3.0	1- 9	2.5	3- 4	2.4		
11-20	3.0	1-21	3.5	3-16	.0		
MOFFAT DRAIN							
			Sec. 25-22-53 W.				
8-20	6.2	8-26	6.2	9- 2	4.5	9-16	4.0
MONROE CREEK BELOW BIG MONROE CANAL							
			Sec. 33-33-56 W.				
11-12	0.0	12-10	0.0	6-17	0.0	9- 1	0.1
11-25	.0	5-13	.0	8-10	.2		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			MONROE CREEK				
			Sec. 27-33-56 W.				
1- 5	1.4						
			MONROE CREEK ABOVE JORDAN RESERVOIR				
			Sec. 23-33-56 W.				
10-10	0.5	12-10	0.3	5-24	0.1	8-10	0.0
11-12	.2	5-13	.1	6-17	.1	9- 1	.0
11-25	.3						
			MONROE CREEK BELOW JORDAN RESERVOIR				
			Sec. 22-33-56 W.				
6-17	0.4	9- 1	0.1				
			MORRIS-ROSENBURG DRAIN				
			Sec. 36-13-29 W.				
3-19	3.7	6-26	2.0	9-21	2.5		
			MUD (BEAVER) CREEK				
			Sec. 31-15-17 W.				
7- 9	3.8	7- 9	2.8				
			MUDDY CREEK				
			Sec. 21-3-36 W.				
10-29	0.7						
			MUNDELL DRAIN				
			Sec. 19-10-23 W.				
3-17	1.1	6-25	0.3	9-22	0.5		
			NEMAHA RIVER, LITTLE, TRIBUTARY TO, NEAR SYRACUSE				
			Sec. 17-8-11 E.				
8-21	4.0	8-21	9.6	8-21	7.6		
			NIOBRARA RIVER AT WYOMING-NEBRASKA STATE LINE				
			Sec. 20-31-57 W.				
10- 6	4.4	4- 6	6.0	6-15	4.2	8-17	3.2
11-21	5.6	4-29	4.1	6-22	4.0	8-31	3.3
12-18	4.4	5-12	5.1	7-13	.7	9-14	3.4
1-14	4.7	5-18	5.3	7-22	3.3	9-30	5.1
2-11	5.4	6- 2	5.1	8- 6	3.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			NIOBRARA RIVER NEAR HARRISON				
			Sec. 9-29-56 W.				
10- 6	5.6	4- 6	16.4	6-15	6.8	8-17	5.2
11-21	4.6	4-29	9.1	6-22	6.0	8-31	3.9
12-18	11.0	5-18	10.5	7-13	.9	9-14	3.3
1-14	7.7	5-26	9.5	7-22	4.0	9-30	5.9
2-11	10.7	6- 2	8.8	8- 6	5.3		
			NIOBRARA RIVER NEAR AGATE				
			Sec. 7-28-55 W.				
10- 6	8.8	4- 6	29.6	6-15	7.8	8-17	11.6
11-27	21.6	4-29	13.4	6-22	8.8	8-31	7.2
12-18	15.6	5-12	22.4	7-13	6.8	9-14	8.2
1-14	22.1	5-18	20.6	7-22	8.5	9-30	7.0
2-11	20.9	6- 2	9.7	8- 6	8.2		
			NIOBRARA RIVER BELOW MOUTH OF WHISTLE CREEK				
			Sec. 7-28-53 W.				
10- 8	2.5	4- 6	33.9	6-15	5.8	8- 6	3.8
11-27	18.7	5- 5	30.6	6-22	10.6	8-17	6.3
12-18	34.6	5-19	12.1	6-29	4.1	8-31	5.2
1-14	25.1	5-26	8.6	7-13	3.7	9-14	4.0
2-11	21.3	6- 7	9.0	7-22	4.2	9-30	6.6
			NIOBRARA RIVER EAST OF MARSLAND				
			Sec. 36-29-51 W.				
10- 8	4.0	4- 5	50.3	6-23	12.3	9- 9	3.8
11-27	33.9	4-30	24.0	7-21	6.2	9-21	3.5
12-14	28.3	5-19	25.6	7-28	3.8		
1-15	38.6	6- 3	8.0	8-11	12.1		
2- 8	40.4	6-16	8.5	8-25	8.4		
			NIOBRARA RIVER BELOW POTMESIL DIVERSION				
			Sec. 26-29-48 W.				
10- 5	3.1	12- 7	11.5	4-27	8.9	8- 9	2.7
10-14	3.0	1-18	13.1	5-17	6.8	8-25	.1
11- 5	1.2	2- 8	14.3	6- 9	8.9	9-21	.1
11- 9	8.9	3- 4	16.3	6-24	.1		
11-24	11.2	4- 5	15.6	7- 6	.1		
			NISLEY DRAIN				
			Sec. 15-9-22 W.				
3-11	7.7	6-23	6.5	9-22	5.4		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			OTTER CREEK NEAR LEMOYNE				
			Sec. 32-16-40 W.				
10-30	20.4	3-26	21.6	5-21	20.5	8-18	22.9
12-11	21.4	4-20	20.5	6-11	19.7	9-16	21.0
1-15	19.5	5- 7	21.4	7-15	20.5	9-30	21.1
			OWL CREEK NEAR SYRACUSE				
			Sec. 18-8-11 E.				
2-20	10.3	8-21	42.9	8-23	54.8		
			PAWNEE CREEK				
			Sec. 4-12-27 W.				
10- 7	1.4	3- 1	10.7	5-19	13.9	8-18	5.7
11- 2	5.6	3-15	5.7	6-22	2.6	8-25	2.9
11-16	6.8	3-30	9.1	7-13	.2	9- 8	4.2
12-17	8.3	4-13	5.6	7-17	4.6	9-28	3.0
1-27	2.5	4-20	6.8	7-21	2.5		
2- 9	19.3	5-12	6.9	8- 4	2.2		
			PECKHAM DRAIN				
			Sec. 3-11-26 W.				
3-18	8.6	6-25	3.6	9-15	6.6		
			PELL DRAIN				
			Sec. 5-12-28 W.				
3-19	2.0	6-26	0.0	9-15	0.1		
			PETERSON DRAIN				
			Sec. 18-8-19 W.				
3-16	6.5	6-23	3.0	9-23	1.6		
			PHILLIPS DRAIN				
			Sec. 8-9-22 W.				
3-11	4.9	6-23	4.1	9-22	3.9		
			PINE CREEK NEAR COLCLESSER MILL				
			Sec. 33-30-44 W.				
10- 9	16.6	11- 6	19.8	12- 3	24.0	8-18	13.3
			PRAIRIE CREEK NEAR ABBOTT				
			Sec. 27-12-11 W.				
10-22	0.0	10-29	0.0	7- 9	0.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			PRAIRIE DOG CREEK				
			Sec. 17-33-55 W.				
10-10	0.0	11-25	0.0	5-25	0.0	8-10	0.0
11-12	.0	12-10	.0	6-17	.0		
			PRAIRIE DOG CREEK				
			Sec. 26-33-56 W.				
9- 1	0.0						
			PUMPKINSEED CREEK ON KIMBALL-GERING HIGHWAY				
			Sec. 4-19-55 W.				
10- 1	2.2	5-28	6.4	6-30	1.8	7-30	0.9
10-15	2.1	6-10	1.3	7- 9	1.0	8-12	1.1
5-13	11.6	6-17	5.8	7-15	.8	8-26	.7
5-21	5.8	6-25	4.4	7-22	.8	9-24	1.0
			PUMPKINSEED CREEK ABOVE HEARD CANAL ON SOUTH				
			LINE—Sec. 11-19-54 W.				
10- 1	1.3	5-28	4.1	6-30	3.6	7-30	1.1
10-15	1.3	6-10	2.0	7- 9	2.0	8-12	7.0
5-13	3.5	6-17	5.2	7-15	3.4	8-26	2.2
5-21	9.0	6-25	3.9	7-22	2.1	9-24	1.1
			PUMPKINSEED CREEK ON WEST LINE				
			Sec. 18-19-53 W.				
5-28	2.8	7- 9	2.2	7-22	2.6	8-12	1.4
6-30	2.0	7-15	1.3	7-30	.9	8-26	2.7
			PUMPKINSEED CREEK ON WEST LINE				
			Sec. 22-19-53 W.				
10- 1	4.0	5-21	17.7	6-30	3.8	7-30	2.2
10- 7	2.5	6-10	5.7	7- 9	4.2	8-12	3.2
10-15	5.6	6-17	5.2	7-15	2.8	8-26	2.9
5-13	4.7	6-25	5.3	7-22	2.7	9-24	2.6
			PUMPKINSEED CREEK BELOW MUTUAL CANAL				
			Sec. 33-19-52 W.				
6-12	2.6						
			PUMPKINSEED CREEK BELOW COURT HOUSE ROCK CANAL				
			Sec. 30-19-50 W.				
5-14	0.0	6-10	0.0	6-25	0.0	7-30	0.0
5-21	.0	6-17	.0	7- 6	.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			RED WILLOW CREEK NEAR McCOOK				
			Sec. 6-4-29 W.				
11-17	46.0	6-22	20.0	8-31	10.4	9-23	11.2
4- 8	27.6						
			REPUBLICAN RIVER BELOW CAMBRIDGE CANAL				
			Sec. 27-4-25 W.				
7-14	42.1						
			REPUBLICAN RIVER NEAR REPUBLICAN CITY				
			Sec. 11-1-17 W.				
7-23	312.0						
			REYNOLDS DRAIN NO. 1				
			Sec. 8-13-29 W.				
3-20	0.4	6-30	2.6	9-21	1.2		
			REYNOLDS DRAIN NO. 2				
			Sec. 17-13-29 W.				
3-20	0.5	6-30	3.7	9-21	3.8		
			REYNOLDS DRAIN NO. 3				
			Sec. 17-13-29 W.				
3-20	0.4	3-31	0.3	6-30	0.1	9-21	0.1
			REYNOLDS DRAIN NO. 4				
			Sec. 17-13-29 W.				
3-19	1.0	6-30	1.2	9-21	0.7		
			REYNOLDS DRAIN NO. 5				
			Sec. 21-13-29 W.				
6-30	1.0	9-21	1.0				
			ROPE CREEK NEAR ALMA				
			Sec. 25-2-19 W.				
10-27	0.5	3-18	1.3	5-14	1.0	7-16	0.2
11-27	.8	4- 9	1.3	6-23	.5	9-24	.1
			ROWE DRAIN				
			Sec. 27-10-23 W.				
3-11	16.9	6-28	8.8	9-22	11.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
SAND CREEK BELOW BENDIX CANAL							
			Sec. 33-33-53 W.				
11-19	0.0	8-30	0.0				
SAND CREEK							
			Sec. 34-16-40 W.				
10-30	1.8	3-26	5.6	7-15	3.1	9-30	3.8
12-11	2.2	4-20	4.7	8-18	3.2		
1-15	4.1	5- 7	3.8	9-16	4.1		
SANDY CREEK, BIG, SOUTH FORK							
			Sec. 15-4-5 W.				
5-16	14.0						
SANDY CREEK, BIG, SOUTH FORK							
			Sec. 5-3-4 W.				
5-16	44.9						
SANDY CREEK, BIG, SOUTH FORK							
			Sec. 17-3-2 W.				
10-17	318.0	10-18	5.1	4-29	610.0		
SARBEN SLOUGH							
			Sec. 20-14-35 W.				
10- 2	9.2	2- 6	7.9	6- 4	7.3	8- 4	8.5
10- 9	9.7	3- 4	7.1	6-11	6.4	8-11	8.3
10-16	9.9	3-15	7.9	6-17	6.9	8-18	8.2
10-30	9.7	4- 2	7.1	6-25	6.6	8-25	8.4
11-28	10.2	4-24	6.2	7- 2	5.6	9- 1	8.4
12-12	9.0	5- 7	8.1	7- 7	6.7	9- 9	7.9
12-19	8.8	5-14	7.8	7-14	5.9	9-15	8.2
1- 9	8.4	5-21	8.8	7-21	7.3	9-22	7.6
1-30	7.6	5-28	8.1	7-28	8.5	9-29	8.3
SCHOOL CREEK NEAR HARVARD							
			Sec. 12-7-7 W.				
5-23	73.2						
SCHOOL CREEK NEAR SARONVILLE							
			Sec. 11-7-6 W.				
5-23	304.0						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
SCHOOL CREEK, TRIBUTARY TO, NEAR HARVARD							
			Sec. 6-7-6 W.				
5-23	65.3						
SCOTTSBLUFF DRAIN NO. 1							
			Sec. 25-22-55 W.				
10- 9	14.5	1-15	7.5	4- 9	4.8	7-15	10.0
10-21	12.0	1-28	7.2	4-24	4.1	8- 9	7.2
11-12	13.6	2-11	5.4	5-13	10.0	8-26	9.3
11-27	10.3	2-25	5.2	5-27	8.2	9-13	9.6
12-12	9.1	3-11	5.5	6- 9	6.9		
12-26	17.5	3-22	6.1	6-24	4.1		
SCOTTSBLUFF DRAIN NO. 2							
			Sec. 34-22-54 W.				
10- 9	5.4	1-28	1.8	4-24	0.8	8- 9	14.0
10-21	4.7	2-11	1.2	5-13	1.6	8-26	11.2
11-12	3.3	2-25	1.2	5-27	16.0	9-13	11.6
11-27	2.8	3-11	.8	6- 9	6.1		
12-12	2.3	3-22	2.4	6-24	6.9		
1-15	0.9	4- 9	1.5	7-15	10.3		
SCOUT CREEK NEAR NORTH PLATTE							
			Sec. 20-14-30 W.				
10- 5	10.3	1- 5	0.2	5-24	14.8	8- 9	8.0
10-13	9.5	1-22	.1	6- 1	15.9	8-16	10.0
10-19	1.4	1-29	.1	6- 7	16.6	8-23	8.2
10-26	.4	2- 5	.1	6-14	7.6	8-30	13.2
11- 2	1.6	2-10	.2	6-21	16.4	9- 7	5.7
11-16	1.0	3- 5	1.9	6-28	2.9	9-13	.6
11-23	.6	3- 8	.2	7- 6	8.7	9-20	8.0
11-30	.5	4-19	.1	7-12	2.6	9-27	9.3
12- 9	.2	5- 3	14.8	7-19	3.4		
12-15	.2	5-10	20.6	7-26	10.8		
12-29	.2	5-17	7.6	8- 2	17.8		
SHANER DRAIN							
			Sec. 31-13-28 W.				
3-19	1.4	6-26	0.2	9-21	0.7		
SHELDON DRAIN EXTENSION NO. 2							
			Sec. 13-11-26 W.				
3-18	0.8	6-25	0.3	9-15	0.2		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			SHELDON DRAIN				
			Sec. 14-11-26 W.				
10-14	8.4	3-18	9.1	6-15	7.0	8-17	9.2
10-27	7.5	4- 6	7.5	6-25	6.1	8-25	8.6
11-17	8.4	4-27	6.8	7- 7	6.5	9-15	7.9
1-20	8.2	5-11	7.1	7-21	5.8		
2- 9	7.6	5-25	7.4	8- 4	7.3		
			SILVER CREEK NEAR GRAND ISLAND				
			Sec. 18-12-9 W.				
10-21	0.0	10-27	0.0				
			SILVERNAIL DRAIN				
			Sec. 6-19-49 W.				
10- 6	8.1	11-23	5.4	2- 8	5.5	3-22	4.6
10-13	7.3	12- 7	6.4	2-15	5.3	3-29	5.3
10-19	7.0	12-14	5.6	2-23	5.0	4- 5	5.0
10-26	7.4	1- 4	5.9	3- 1	3.6	4-12	4.4
11- 9	6.9	1-11	5.4	3- 8	4.5	4-19	4.7
11-16	6.5	1-18	5.4	3-15	4.6	4-26	3.8
			SKUNK CREEK				
			Sec. 1-14-37 W.				
10- 8	2.8	2-18	3.1	6-10	2.4	8-26	2.7
11-13	3.0	3-11	3.0	6-30	2.8	9-16	2.8
12-18	3.5	4- 2	3.0	7-29	.6		
1-28	3.2	5-13	3.4	8-12	2.5		
			SNAKE CREEK ABOVE ELMORE RESERVOIR				
			Sec. 32-25-51 W.				
2-17	4.5	4-28	4.2				
			SNAKE CREEK BELOW ELMORE RESERVOIR				
			Sec. 6-24-51 W.				
2-17	0.0	4-28	0.0				
			SNAKE CREEK ON ALLIANCE-BRIDGEPORT HIGHWAY 19				
			Sec. 17-24-48 W.				
2-17	0.0	4-28	0.0				
			SNAKE CREEK SOUTHEAST OF ALLIANCE				
			Sec. 29-24-47 W.				
2-17	0.0	4-28	0.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
SNAKE CREEK ONE MILE WEST OF ANTIOCH							
			Sec. 7-24-45 W.				
2-17	0.0	4-28	0.0				
SOLDIER CREEK ABOVE FT. ROBINSON RESERVOIR							
			Sec. 3-31-53 W.				
10- 3	0.5	12- 5	3.5	6-24	0.7	9-20	1.4
11-14	1.2	6- 1	.3	8- 9	1.0		
SOLDIER CREEK BELOW FT. ROBINSON RESERVOIR							
			Sec. 12-31-53 W.				
6- 1	0.0	6-24	0.1	8- 9	0.1	9-20	0.1
SOLDIER CREEK ABOVE JAMES PUMP							
			Sec. 5-31-53 W.				
10- 3	2.0	11-14	2.3	12- 5	2.1	9-20	1.6
SOMMER DRAIN NO. 1							
			Sec. 5-12-28 W.				
3-19	0.8	6-26	0.1	9-21	0.7		
SOMMER DRAIN NO. 2							
			Sec. 9-12-28 W.				
3-19	1.1	6-26	0.2	9-15	0.3		
SOUTH OMAHA CREEK							
			Sec. 11-25-8 E.				
7-23	7.7						
SOW BELLY CREEK ABOVE MONTGOMERY CANAL							
			Sec. 21-33-55 W.				
11- 3	0.0	11-25	0.5	1- 9	0.1	2-24	0.2
11-12	.1						
SOW BELLY CREEK ABOVE ZIMMERMAN CANAL							
			Sec. 34-33-55 W.				
3- 6	3.2						
SOW BELLY CREEK BELOW ZIMMERMAN CANAL							
			Sec. 34-33-55 W.				
11- 3	0.1	12-10	0.9	5- 4	0.4	8-10	1.1
11-12	.7	2-24	.2	5-25	.1	9- 1	.2
11-25	.7						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			SOW BELLY CREEK				
			Sec. 5-32-55 W.				
11- 3	0.2	12-10	0.4	2-24	2.5	5- 4	0.5
11-12	.3	1- 9	2.3	2-27	3.3	5-13	.9
11-25	.4	1-23	2.4	3- 6	2.4	5-25	1.2
			SPOTTED TAIL CREEK, WET				
			Sec. 6-22-55 W.				
10- 9	12.9	1-28	12.2	4-20	11.0	7-14	10.4
10-21	16.0	2-10	12.2	5- 4	12.0	7-26	12.9
11-13	15.7	2-25	10.6	5-18	12.4	8-10	16.2
11-27	15.2	3-11	10.8	6- 2	12.4	8-24	15.8
12-11	14.8	3-23	10.8	6-15	17.8	9-14	13.8
1-14	14.1	4- 6	9.8	6-29	13.2	9-28	8.8
			SPRING CREEK, WEST BRANCH, NEAR BRAYTON				
			Sec. 9-17-10 W.				
4-20	547.0						
			SPRING CREEK, TRIBUTARY TO SOW BELLY CREEK				
			Sec. 34-33-55 W.				
11-12	0.0	5-25	0.0	9- 1	0.2		
			SPRING CREEK, TRIBUTARY TO LITTLE COTTONWOOD CREEK				
			Sec. 13-32-52 W.				
6- 8	0.2						
			SQUAW CREEK BELOW SHEPHERD CANAL				
			Sec. 36-34-57 W.				
11-25	0.0						
			SQUAW CREEK ABOVE McDOWELL RESERVOIR				
			Sec. 12-31-52 W.				
11-19	0.0	2-13	0.4	6- 8	0.4		
			SQUAW CREEK BELOW McDOWELL RESERVOIR				
			Sec. 1-31-52 W.				
11-19	0.3	2-13	0.1	6- 8	0.6		
			STENGER DRAIN				
			Sec. 27-13-29 W.				
3-19	3.5	6-30	2.2	9-21	2.6		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			STEWART DRAIN				
			Sec. 3-8-21 W.				
3-17	0.4	6-23	0.0	9-23	0.0		
			STOVE CREEK NEAR ELMWOOD				
			Sec. 21-10-10 E.				
8-23	184.0	8-23	383.0				
			STOVE CREEK				
			Sec. 28-10-10 E.				
2-20	1.9	8-23	7.5				
			STOVE CREEK				
			Sec. 15-10-10 E.				
8-23	26.0	8-23	772.0				
			STREVER CREEK				
			Sec. 23-10-22 W.				
7-31	2.9						
			STREVER CREEK				
			Sec. 4-9-21 W.				
7-29	0.8						
			STREVER CREEK NEAR OVERTON				
			Sec. 1-8-20 W.				
10- 8	7.4	12- 2	3.0	2- 4	8.2	4- 7	5.6
10-15	1.0	12-24	.3	2-24	12.7	4-29	6.0
11-13	3.4	1- 8	5.0	3- 9	7.8		
11-25	6.2	1-22	.4	3-23	6.3		
			SWEET CREEK NEAR CAIRO ON SOUTH LINE				
			Sec. 13-12-13 W.				
10-22	0.0	10-29	0.0	7- 9	0.0		
			TEKAMAH CREEK, SOUTH, TRIBUTARY TO, NEAR TEKAMAH				
			Sec. 34-21-10 E.				
4-21	1020.0						
			TEKAMAH CREEK, SOUTH, NEAR TEKAMAH				
			Sec. 29-21-10 E.				
4-21	978.0						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
TEKAMAH CREEK, SOUTH, NEAR TEKAMAH Sec. 27-21-10 E.							
4-21	3130.0						
THOMPSON CREEK, WEST BRANCH, TRIBUTARY TO, NEAR HILDRETH—Sec. 17-4-15 W.							
5-16	7.0						
THOMPSON CREEK, WEST BRANCH, NEAR HILDRETH Sec. 10-4-15 W.							
5-17	3.5						
THOMPSON CREEK, WEST BRANCH, NEAR UPLAND Sec. 30-4-14 W.							
5-17	11.7						
TRUNK BUTTE CREEK Sec. 25-33-50 W.							
11-17	0.1	2-10	1.9	6-21	1.3	8-16	0.2
12-15	.0						
TUB SPRINGS ABOVE ENTERPRISE CANAL Sec. 33-23-55 W.							
4-27	20.8	6- 8	17.5	7-26	24.2	8-31	21.8
5- 4	23.6	6-15	22.4	8- 4	25.6	9- 8	26.7
5-11	21.8	7- 6	15.0	8-10	26.4	9-16	22.5
5-18	25.2	7-14	26.7	8-17	27.8	9-21	24.0
5-25	20.4	7-20	25.2	8-24	29.4	9-28	23.4
6- 2	23.8						
TURKEY CREEK NEAR NAPONEE Sec. 4-1-16 W.							
1-15	11.4	4- 9	11.0	6-25	8.1	7-21	3.1
3-18	11.8	5- 7	13.6	7-16	5.3	9-24	6.8
TURKEY CREEK NEAR FARWELL Sec. 3-14-12 W.							
6-17	1150.0						
VICTORIA CREEK BELOW DAM Sec. 6-19-20 W.							
7-26	0.7						

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			VICTORIA CREEK NEAR GATES				
			Sec. 10-19-21 W.				
8-11	3.4						
			WALNUT RUN CREEK NEAR FRANKLIN				
			Sec. 32-2-14 W.				
10-27	0.0	3-18	0.6	5-14	0.4	7-16	0.0
11-27	.4	4- 9	.4	6-25	.0	9-24	.0
			WARBONNET CREEK ABOVE WARBONNET CANAL				
			Sec. 20-33-56 W.				
11-25	2.2	9- 1	0.1				
			WARBONNET CREEK BELOW WARBONNET CANAL				
			Sec. 21-33-56 W.				
11-25	1.0	8-10	0.4				
			WEEPING WATER CREEK, NORTH BRANCH, NEAR WEEPING WATER—Sec. 7-10-12 E.				
2-20	44.0	5-15	2100.0	8-25	32.4		
			WEEPING WATER CREEK, TRIBUTARY TO				
			Sec. 6-10-12 E.				
5-15	1160.0						
			WEEPING WATER CREEK, TRIBUTARY TO				
			Sec. 10-10-10 E.				
8-23	77.1	8-23	124.0				
			WHISTLE CREEK				
			Sec. 12-28-54 W.				
10- 8	0.0	1-14	0.0	4- 6	0.1	6- 3	0.2
11-27	.1	2-11	.5	5- 5	.1	6-29	.2
12-18	.0						
			WHITE CLAY CREEK NEAR CRAWFORD				
			Sec. 2-31-52 W.				
11-19	1.7	2-13	2.0	6- 8	2.0	8-23	0.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
WHITE CLAY CREEK ABOVE WHITNEY DIVERSION							
			Sec. 26-32-52 W.				
10- 7	0.1	1-12	3.0	3-31	2.6	7- 8	1.2
11-19	1.5	2- 1	2.4	4-14	1.0	7-20	.1
12- 9	.4	2-15	1.1	4-28	.3	8- 5	.2
12-11	.5	2-26	.4	5-10	5.8	8-24	.1
12-21	.9	3-15	.5	6- 1	5.2	9-15	.1
1- 5	3.6						
WHITE CLAY CREEK ABOVE JUNCTION WITH LARABEE CREEK							
			Sec. 6-34-44 W.				
10- 9	1.7	11- 6	2.3	12- 3	2.9	7-12	1.0
WHITE HORSE CREEK NEAR GANNETT							
			Sec. 5-13-29 W.				
10- 7	7.0	2- 9	26.3	4-20	16.3	8- 4	3.9
11- 2	11.7	3- 1	25.1	5-12	17.5	8-18	7.7
11-16	18.4	3-15	16.5	5-19	29.2	8-25	4.2
12-17	22.0	3-30	23.8	6-22	7.7	9- 8	5.2
1-30	14.0	4-13	18.4	7-13	1.6	9-28	8.9
WHITE RIVER ABOVE WHITNEY DIVERSION							
			Sec. 26-32-52 W.				
10- 7	3.8	1- 5	18.9	3-31	19.1	7-20	4.2
11-10	18.5	1-12	19.7	4-14	21.5	8- 5	8.6
11-23	18.6	2- 1	24.5	4-28	21.3	8-24	1.2
12- 9	26.5	2-15	20.5	5-10	13.8	9-15	2.4
12-11	13.8	2-26	20.2	6- 1	20.9		
12-21	20.2	3-15	55.9	7- 8	3.5		
WHITE RIVER BELOW WHITNEY DIVERSION							
			Sec. 26-32-52 W.				
10- 7	4.1	1- 5	1.3	3-15	0.1	6- 1	5.9
11-10	1.8	1-12	.1	3-31	.1	7- 8	3.7
11-23	.2	2- 1	3.1	4-14	.1	7-20	3.5
12- 9	.9	2-15	.1	4-28	.1	8- 5	8.3
12-11	.1	2-26	.1	5-10	.1	8-24	1.1
12-21	.2						
WHITE RIVER NORTHEAST OF CHADRON							
			Sec. 6-34-47 W.				
10-15	0.9	11-10	5.4	8-24	2.4	9-15	6.7
10-19	24.9	7-20	4.8				

DISCHARGE MEASUREMENTS OF STREAMS—Concluded
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			WHITE TAIL CREEK				
			Sec. 36-15-38 W.				
10- 1	26.1	2- 4	30.6	5-20	30.5	8-12	27.5
11-13	29.3	3- 4	33.0	6-18	27.1	8-26	27.6
12-18	30.8	3-31	33.9	7-15	29.2	9-16	30.3
1-28	31.3	5- 6	28.6	7-29	25.6	9-30	30.3
			WILLOW CREEK NEAR GUIDE ROCK				
			Sec. 1-1-10 W.				
10-27	1.1	3-18	0.8	5-14	0.6	9-24	0.6
11-27	1.3	4- 9	.7	7-16	.7		
			WOOD RIVER NEAR OCONTO				
			Sec. 23-14-22 W.				
6-17	790.0						
			WOOD RIVER NEAR GRAND ISLAND				
			Sec. 27-11-9 W.				
10-22	0.0						

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DISCHARGE MEASUREMENTS OF CANALS

MEASUREMENT OF CANALS

Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			ADAMS CANAL—D-371				
			Diverted from Lodgepole Creek—Sec. 3-14-52 W.				
5-19	0.0	6- 9	0.0	6-16	0.0	6-23	0.0
5-26	.0						
			AIREDALE CANAL NO. 1—A-698, A-1380				
			Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.				
			Measurements made at 5.5 ft. Weir				
5- 7	0.0	6-19	0.0	8- 7	0.0	9-17	0.0
5-15	.0	7- 3	.0	8-13	.0	9-25	.0
6- 5	.0	7- 9	.0	9- 4	.0		
6-12	.0	7-23	.0	9-11	.0		
			AIREDALE CANAL NO. 2—A-699, A-1133				
			Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.				
5- 7	0.0	6-19	0.0	8-13	0.0	9-25	0.0
5-15	.0	7- 3	.0	9- 4	.0		
6- 5	.0	7- 9	.0	9-11	.0		
6-12	.0	7-23	.0	9-17	.0		
			AIREDALE CANAL NO. 3—A-1508				
			Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.				
5- 7	0.0	6-19	0.0	7-23	0.0	9-11	0.0
5-15	.0	7- 3	.0	8-13	.0	9-17	.0
6- 5	.0	7- 9	.0	9- 4	.0	9-25	.0
			ALCORN CANAL—A-803				
			Diverted from Hooker Creek—Sec. 31-32-51 W.				
4-11	0.0						
			ALLEN-LARNED CANAL—D-117				
			Diverted from Buffalo Creek—Sec. 18-1-40 W.				
11- 4	2.1	5- 1	0.0	6-16	4.6	8-11	4.4
4-15	.0	5-20	2.8	7- 2	4.6	9- 2	5.8
			ALLEN PUMP—A-5247				
			Diverted from Red Willow Creek—Sec. 31-4-28 W.				
9-23	0.0						
			AMSBERRY PUMP—A-2684				
			Diverted from Mud (Beaver) Creek—Sec. 22-15-18 W.				
8- 5	2.4	8-26	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			ANDERSON CANAL—D-373				
			Diverted from Lodgepole Creek—Sec. 8-14-51 W.				
5- 6	0.0	5-19	0.0	6 -23	0.0		
			ANDREWS SUPPLY CANAL—A-2558				
			Diverted from Sow Belly Creek and Andrews Reservoir, A-2530				
			Sec. 5-32-55 W.				
3-27	1.1	5- 7	0.1	6-26	0.5	8-27	1.0
			ANTRIM CANAL—A-594, A-834				
			Diverted from Hat Creek—Sec. 3-32-55 W.				
4-24	0.0						
			ASH CREEK CANAL, WEST—D-452R, A-434				
			Diverted from West Ash Creek—Sec. 35-32-51 W.				
4-13	0.0	6-22	0.0	7-20	0.0	9- 5	0.0
5-20	.0						
			ASHMORE PUMP—A-4615				
			Diverted from Stinking Water Creek—Sec. 25-5-34 W.				
6-29	2.8						
			BAKER CANAL—A-884				
			Diverted from East Saw Log Creek—Sec. 5-30-51 W.				
6- 6	0.0						
			BANNON CANAL—D-560				
			Diverted from Boggy Creek—Sec. 7-32-54 W.				
9-18	0.0						
			BAR 99 RANCH CANAL—A-2696				
			Diverted from Bear Creek—Sec. 8-34-37 W.				
4-23	0.0						
			BAR 99 RANCH CANAL—A-2282, A-2282R, A-2898, A-3321				
			Diverted from Bear Creek—Sec. 16-34-37 W.				
4-23	0.0	8-25	0.0				
			BARBER CANAL—D-754, A-1111				
			Diverted from Clear Creek—Sec. 29-16-41 W.				
11- 7	0.0	6- 4	3.3	7-29	2.2	8-27	0.9
3-27	6.3	7- 1	2.0	8-13	1.4	9-24	2.3
5- 8	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			BARRETT CANAL—D-334				
			Diverted from Lodgepole Creek—Sec. 32-14-46 W.				
5-20	0.0	5-27	0.0				
			BARRON CANAL, EAST—A-2024				
			Diverted from East Ash Creek—Sec. 32-32-50 W.				
4-13	0.0	5-20	0.0	6-22	0.0	7-20	0.0
			BARRON CANAL, WEST—D-438R				
			Diverted from East Ash Creek—Sec. 32-32-50 W.				
4-13	0.0	5-20	2.6	6-22	0.0	7-20	0.0
			BARTH PUMP—A-3143, A-3328				
			Diverted from Blackwood Creek—Sec. 33-4-31 W.				
4-28	0.0						
			BASS NURSERY CANAL—A-3891				
			Diverted from Big Bordeaux Creek—Sec. 23-33-48 W.				
5- 6	0.0	7- 6	0.0				
			BATES DAMS—A-2276				
			Diverted from Bear Creek—Sec. 8-34-37 W.				
4-23	0.0						
			BAUERSACHS CANAL—D-492				
			Diverted from Hooker Creek—Sec. 7-31-51 W.				
4-11	0.0	6-22	0.0	8-15	0.0		
			BEAL CANAL—A-1620				
			Diverted from South Platte River—Sec. 20-13-40 W.				
10- 2	0.2	3-30	4.6	6- 2	32.8	8- 4	4.4
10- 9	.8	4- 6	5.7	6- 9	7.5	8-11	5.8
10-16	3.2	4-13	3.0	6-16	5.7	8-17	5.4
10-23	.0	4-20	2.1	6-23	7.4	8-25	2.3
10-30	.0	4-27	.7	6-30	6.0	9- 1	8.0
11- 5	1.6	5- 5	.3	7- 7	11.4	9- 9	1.4
11-14	5.9	5-12	.3	7-14	10.7	9-15	5.3
11-21	1.5	5-19	.1	7-21	8.0	9-22	2.9
12- 5	.0	5-26	.0	7-28	5.8	9-29	2.2
			BEEBE PUMP—A-3631				
			Diverted from Red Willow Creek—Sec. 35-6-31 W.				
9-23	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
BEISER CANAL—A-1056							
Diverted from Niobrara River—Sec. 4-29-56 W.							
10- 2	0.0	5-14	0.0	7- 8	0.0	8-21	0.0
4- 3	.0	5-28	.0	7-23	.0	9- 3	.0
4-16	.0	6-23	.0	8- 6	.0	9-16	.0
BELL ISLE LAKE—A-2144							
Diverted from Big Bordeaux Creek—Sec. 23-33-48 W.							
5- 6	0.0						
BELMONT FEEDER—D-828							
Diverted from Cedar Creek—Sec. 23-18-48 W.							
Measurements made at Rating Station							
10- 9	0.0	6-11	4.0	7-13	6.0	8-20	0.0
5- 5	.0	6-25	.0	7-20	.0	8-31	.0
5-29	8.6	7- 6	.0	8- 6	.0	9-22	.0
BENDIX CANAL—A-189, A-1669							
Diverted from Sand Creek—Sec. 35-33-53 W.							
8-10	0.0	8-31	0.0				
BENNETT-KAY CANAL—A-1249, A-2250							
Diverted from Niobrara River—Sec. 1-28-54 W.							
11- 3	3.4	5-13	4.9	6-24	0.0	8-20	0.0
4- 1	.0	5-27	.0	7- 8	.0	9- 2	.0
4-15	.0	6- 4	3.6	7-22	.0	9-17	.0
4-29	.0	6-11	.0	8- 5	.0		
BENTHACK CANAL—A-4748							
Diverted from Dry Draw Tributary to White River							
Sec. 5-33-49 W.							
6-15	0.0						
BIEHLE CANAL—D-538							
Diverted from Spring Branch Creek—Sec. 32-33-56 W.							
4-24	0.0	7- 3	0.0				
BIGELOW-SEYMOUR CANAL—D-510							
Diverted from Niobrara River—Sec. 19-31-57 W.							
10- 2	0.0	4-30	0.0	6-23	0.0	8-21	0.0
11- 8	.0	5-14	.0	7- 8	2.3	9- 3	.0
4- 3	.0	5-28	.0	7-23	.2	9-16	.0
4-16	.0	6-12	.0	8- 6	.1		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
BIRDWOOD CANAL, WEST—D-652							
Diverted from Birdwood Creek—Sec. 22-15-33 W.							
10- 6	0.4	4-14	0.0	6-10	0.0	8- 5	0.9
10-13	.7	4-21	.0	6-17	.0	8-12	1.0
10-21	.4	4-28	.0	6-24	.0	8-26	.4
10-27	.4	5- 6	.0	7- 1	.0	9- 2	.5
11- 3	.5	5-13	.0	7- 8	.0	9-10	.4
11-10	.5	5-20	.0	7-15	.0	9-16	.3
11-18	.4	5-27	.0	7-22	.0	9-23	.5
3-31	.0	6- 3	.0	7-29	.1	9-30	.6
4- 7	.0						
BLANK-JOY CANAL—A-2025							
Diverted from Center Creek—Sec. 1-1-15 W.							
5- 8	0.0	7-10	1.0	8-27	0.0	9-11	0.0
6-12	.0						
BLINCOW PUMP—A-3510							
Diverted from Turkey Creek—Sec. 3-31-21 W.							
6-12	0.0						
BLUHM CANAL—A-1811							
Diverted from Lodgepole Creek—Sec. 36-14-48 W.							
5- 1	0.0	5-27	0.0	6-10	0.0	6-17	0.0
5-20	.0						
BOOTH CANAL, NORTH—D-309, D-310							
Diverted from Lodgepole Creek—Sec. 29-14-47 W.							
Measurements made at Rating Flume							
5- 1	0.0	5-27	0.0	7- 2	1.4	8-27	0.0
5- 8	.0	6- 4	.0	7-15	.0	9- 3	.0
5-14	1.6	6-11	.0	7-22	.0	9-16	.0
5-20	.0	6-18	.0	8-12	.0	9-24	.0
BOOTH CANAL, SOUTH—D-309, D-310							
Diverted from Lodgepole Creek—Sec. 29-14-47 W.							
Measurements made at Rating Flume							
5- 1	0.0	6- 4	0.0	7-15	0.0	9-16	0.0
5- 8	.0	6-11	.0	7-22	.0	9-24	.0
5-14	.0	6-18	.0	8-11	.0		
5-20	3.8	7- 2	.0	8-27	.0		
5-27	5.5	7- 8	1.4	9- 3	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1953

BORDWELL CANAL, NORTH—D-303

Diverted from Lodgepole Creek—Sec. 35-14-49 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
5- 1	0.0	6- 2	5.7	7- 7	2.2	9- 2	0.0
5- 6	.0	6-10	.0	7-15	.0	9-16	.0
5-13	.0	6-17	.0	7-22	.0	9-22	.0
5-19	.0	6-25	.0	8-12	.0	9-29	.0
5-27	.0	7- 2	.0	8-27	.0		

BORDWELL CANAL, SOUTH—D-302

Diverted from Lodgepole Creek—Sec. 35-14-49 W.

5- 1	0.0	5-13	0.0	5-27	0.0	6-10	0.0
5- 6	.0	5-19	.0	6- 2	.0	6-17	.0

BORQUIST CANAL, NORTH—D-301

Diverted from Lodgepole Creek—Sec. 34-14-49 W.

5- 6	0.0	5-19	0.0	6- 2	0.0	6-17	0.0
5-13	.0	5-27	.0	6-10	.0	6-23	.0

BORQUIST CANAL, SOUTH—D-300

Diverted from Lodgepole Creek—Sec. 34-14-49 W.

5- 6	0.0	5-19	0.0	6- 2	0.0	6-17	0.0
5-13	.0	5-27	.0	6-10	.0	6-23	.0

BOURRET CANAL—A-542

Diverted from Niobrara River—Sec. 29-30-56 W.

4-16	0.0

BOURRET CANAL—A-5, A-1128, A-1209

Diverted from Niobrara River—Sec. 29-30-56 W.

4-16	0.0

BOURRET CANAL—A-4, A-1057

Diverted from Niobrara River—Sec. 33-30-56 W.

10- 2	0.0	5-13	0.0	7- 8	0.0	9- 3	0.0
4- 3	.0	5-28	.0	7-23	.0	9-16	.0
4-16	.0	6-12	.0	8- 6	.0		
4-30	.0	6-23	.0	8-21	.0		

BOURRETT CANAL—A-546

Diverted from Niobrara River—Sec. 19-30-56 W.

4-16	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
BRADDOCK CANAL—D-423, A-2033							
Diverted from Beaver Creek—Sec. 18-34-46 W.							
9-10	0.0						
BRADY CANAL—D-352							
Diverted from Lodgepole Creek—Sec. 28-15-54 W.							
4-30	0.0	6-16	0.0	8- 4	0.0	9-15	0.0
5-12	.3	6-30	.0	8-10	.0	9-21	.0
5-18	.4	7- 7	.0	8-18	.0	9-29	.0
5-25	.0	7-14	.0	8-26	.0		
6- 9	.0	7-21	.0	8-31	.0		
BROADHURST CANAL—A-1264							
Diverted from Little Cottonwood Creek—Sec. 7-32-51 W.							
5-18	0.0						
BROWN PUMP—A-3758							
Diverted from Indian Creek—Sec. 23-2-36 W.							
4-15	0.0	7- 2	1.0				
BUKER PUMP—A-3835							
Diverted from Medicine Creek—Sec. 18-7-27 W.							
5-13	0.0						
BULLOCK CANAL—D-296							
Diverted from Lodgepole Creek—Sec. 3-13-46 W.							
5- 1	0.0	6- 4	0.2	7- 8	0.0	8-28	0.0
5- 8	.0	6-11	.0	7-15	.0	9- 3	.0
5-14	.0	6-18	.0	7-22	1.0	9-16	.0
5-29	.0	7- 2	.0	8-11	.0	9-24	.0
BULLOCK CANAL—A-437							
Diverted from Lodgepole Creek—Sec. 4-13-46 W.							
5- 1	0.0	5-29	0.0	7- 8	0.0	9- 3	0.0
5- 8	.0	6- 4	.0	7-15	.0		
5-14	.0	6-11	.0	8-11	.0		
5-20	.0	6-18	.0	8-28	.0		
BUSHNELL CANAL—A-504							
Diverted from Lodgepole Creek—Sec. 2-14-58 W.							
6- 1	0.0	7-13	0.0	8- 3	0.0	8-24	0.0
6-15	.0	7-27	.0	8-18	.0	9-14	.0
6-29	.0						

Note; Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			BUTLER PUMP—A-3252				
			Diverted from Republican River—Sec. 34-1-7 W.				
10- 2	0.0	5- 8	0.0	7-23	0.0		
			BUTLER PUMP—A-3443				
			Diverted from Republican River—Sec. 31-1-6 W.				
8-27	0.0						
			CALADONIA CANAL—A-1681, A-1683				
			Diverted from Jim Creek and Caladonia Reservoir—Sec. 13-33-57 W.				
6- 5	0.0	8-13	0.1	9-25	0.0		
			CAPRON CANAL—D-890				
			Diverted from Greenwood Creek—Sec. 15-18-50 W.				
5-16	0.0	9- 5	1.4				
			CARPENTER CANAL—A-1861				
			Diverted from Turkey Creek—Sec. 30-4-21 W.				
6-12	0.0						
			CARTWRIGHT PUMP—A-3117				
			Diverted from Ash Creek—Sec. 7-32-50 W.				
6-22	0.0	7-20	0.0	9- 5	0.0		
			CHAMPION CANAL—D-47, A-1108				
			Diverted from Frenchman River—Sec. 23-6-40 W.				
10- 6	22.3	4-20	3.8	5-19	21.8	6-15	15.5
4-14	2.0	5- 4	9.0	6- 2	18.4	7-27	10.5
			CHASE COUNTY LAND AND LIVESTOCK CANAL NO. 1—A-57				
			Diverted from Stinking Water Creek—Sec. 4-7-38 W.				
5-25	1.0						
			CHIPPS PUMP—A-3381				
			Diverted from Mud (Beaver) Creek—Sec. 2-14-17 W.				
7-24	0.9	8- 4	0.4				
			CHLADEK CANAL—A-607				
			Diverted from Niobrara River—Sec. 26-29-48 W.				
3-31	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			CHRISTENSEN CANAL, NORTH—D-367				
			Diverted from Lodgepole Creek—Sec. 7-14-51 W.				
5- 6	0.0	6- 9	0.0	7-14	0.0	9- 2	0.0
5-19	1.8	6-16	.0	8-12	.0	9-15	.0
5-26	.0	6-23	.0	8-26	.0		
			CHRISTENSEN CANAL, SOUTH—D-366				
			Diverted from Lodgepole Creek—Sec. 7-14-51 W.				
5- 6	0.0	6-16	0.0	7-29	0.0	8-26	0.0
5-19	.9	6-23	.0	8- 4	.0	9- 2	.0
5-26	1.3	7-14	.0	8-12	.0	9-15	.0
6- 9	.0						
			CIRCLE PUMP—A-4758				
			Diverted from Niobrara River—Sec. 34-29-51 W.				
4- 1	0.0	5-26	0.0	7- 7	0.0	9- 2	0.0
4-15	.0	6- 3	1.2	7-22	.0	9-15	.0
4-27	.0	6-11	.0	8- 4	.0		
5-12	.0	6-24	.0	8-18	.0		
			COFFEE CANAL NO. 3—A-1362				
			Diverted from Niobrara River—Sec. 15-29-56 W.				
5-14	0.0						
			COFFEE CANAL, EAST—D-512				
			Diverted from Hat Creek—Sec. 26-33-55 W.				
4-24	0.6	6-26	0.9	8-27	0.9		
			COFFEE CANAL, WEST—D-512				
			Diverted from Hat Creek—Sec. 26-33-55 W.				
4-24	0.0	6-26	0.0	8-27	0.0		
			COFFEE AND SON FLOOD CANAL—A-1236				
			Diverted from Hat Creek—Sec. 14-33-55 W.				
4-24	2.0	6-26	1.4	8-27	0.0		
			COLE PROJECT DAM NO. 1—A-2254				
			Diverted from Bear Creek—Sec. 14-34-37 W.				
10-24	0.0	5-29	0.0	8- 7	0.0	9-24	0.0
4-23	.0	7- 1	.0	8-25	.0		
			COLLINS PUMP—A-3091				
			Diverted from Sappa Creek—Sec. 30-1-23 W.				
11-14	1.0	5-14	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			COOK SOUTH CANAL NO. 1—D-980				
			Diverted from Niobrara River—Sec. 2-28-56 W.				
10- 2	1.5	5-13	0.0	7- 8	0.8	9- 3	2.3
11-14	1.5	5-28	2.6	7-22	.8	9-16	3.1
4- 3	.0	6-11	2.6	8- 5	1.3		
4-15	.0	6-23	1.3	8-21	1.5		
			COOPER CANAL—A-333				
			Diverted from Squaw Creek—Sec. 36-32-52 W.				
4-11	0.0	8-15	0.0				
			COOPER CANAL, EAST—A-42				
			Diverted from White Clay Creek—Sec. 2-31-52 W.				
4- 6	0.0	6-29	0.0	8-15	0.0		
			COOPER SUPPLY CANAL—A-2063				
			Diverted from White Clay Creek—Sec. 2-31-52 W.				
4- 6	0.0	6-29	0.6	8-15	0.6		
			COOPER-SHARPLESS PUMP—A-3090, A-3778				
			Diverted from Mud (Beaver) Creek—Sec. 15-15-18 W.				
7-29	2.2	8- 4	1.7	8-26	0.0		
			COULTER PUMP, SOUTH—A-4749, A-4750				
			Diverted from Pumpkinseed Creek—Sec. 29-19-52 W.				
6- 5	3.0						
			CREWS CANAL NO. 1—D-1025R, Petition 241				
			Diverted from Republican River, North Fork—Sec. 21-1-41 W.				
10- 7	0.0	4-15	0.0	6-16	3.0	9- 2	0.0
11- 4	.0	5- 1	.0	7-31	1.2	9-29	1.0
			CREWS CANAL NO. 2—A-1709				
			Diverted from Republican River, North Fork—Sec. 20-1-41 W.				
10- 7	0.0	5- 1	0.0	7-31	0.0	9-29	0.0
11- 4	.0	6-16	.0	9- 2	.0		
			CRIGLER CANAL—D-861, A-486				
			Diverted from Lawrence Fork—Sec. 1-18-52 W.				
5- 9	0.0	5-23	0.0	6- 6	0.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			CRIPPS CANAL—A-735, A-835				
			Diverted from Ash Creek—Sec. 13-32-51 W.				
7-20	0.0	9- 5	0.0				
			CRIPPS PUMP—A-2571				
			Diverted from Ash Creek—Sec. 13-32-51 W.				
4-13	0.0	7-20	0.0	9- 5	0.0		
			CROSS CANAL, EAST—A-1808				
			Diverted from Willow Creek—Sec. 16-19-51 W.				
5-15	0.3	6-12	0.5				
			CROSS CANAL, WEST—A-1808				
			Diverted from Willow Creek—Sec. 16-19-51 W.				
5-15	0.0	6-12	0.0				
			CROZIER PUMP—A-4143				
			Diverted from Republican River—Sec. 15-1-9 W.				
7-10	0.0						
			CRYSTAL LAKE CANAL—A-2286				
			Diverted from Crystal Lake Reservoir and Spring Creek Sec. 6-32-55 W.				
5- 7	0.0	6-26	0.0	8-27	0.0		
			DAVISON PUMP—A-1662				
			Diverted from Niobrara River—Sec. 12-28-54 W.				
4- 1	0.0	5-27	0.0	7- 8	0.0	9- 2	0.0
4-15	.0	6- 4	.0	7-22	.0	9-17	.0
4-29	.0	6-11	.0	8- 5	.0		
5-13	.0	6-24	.0	8-20	.0		
			DEMAY PUMP—A-3793				
			Diverted from Beaver Creek—Sec. 23-1-28 W.				
4-13	0.0						
			DICKINSON CANAL—D-967				
			Diverted from Lodgepole Creek—Sec. 33-14-47 W.				
5- 1	0.0	5-20	0.0	6-11	0.0	7-15	0.8
5-14	.0	5-27	.0	7- 8	.7		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1953

DICKINSON CANAL—D-969

Diverted from Lodgepole Creek—Sec. 26-14-47 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10- 1	1.8	6-11	0.0	7- 2	0.0	7-22	1.1
5- 8	.0	6-18	2.6	7- 8	.0	8-27	.0
5-20	.0						

DILLIN-COOMBS PUMP—A-4986

Diverted from Mud (Beaver) Creek—Sec. 30-15-17 W.

8- 5	1.7

DODD-McDOWELL CANAL—A-1571

Diverted from Little Cottonwood Creek—Sec. 17-32-52 W.

5-18	0.0

DOUT BROTHERS CANAL—D-981

Diverted from Jim Creek—Sec. 7-33-56 W.

6- 5	0.0	8-13	0.0	9-25	0.0

DOUT CANAL NO. 1—A-2000

Diverted from Dout Reservoir, A-1999—Sec. 7-33-56 W.

6- 5	0.1	8-13	0.1	9-25	0.0

DOUT CANAL NO. 2—A-2002

Diverted from Dout Reservoir No. 2, A-2001—Sec. 7-33-56 W.

6- 5	0.0	8-13	0.0	9-25	0.0

DOUT CANAL—D-539a

Diverted from Warbonnet Creek—Sec. 30-33-56 W.

5-15	0.0

DOUT CANAL—D-539b

Diverted from Warbonnet Creek—Sec. 30-33-56 W.

5-15	0.0

DUKE PUMP—A-2051

Diverted from Mud (Beaver) Creek—Sec. 31-15-17 W.

8- 5	0.6

DUNN CANAL—A-649

Diverted from Little Cottonwood Creek—Sec. 9-32-52 W.

5-18	0.0	7-17	0.0	8-31	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			EARNEST CANAL NO. 1—D-514a				
			Diverted from Niobrara River—Sec. 9-29-56 W.				
10- 2	0.0	4-30	0.0	6-23	3.7	8-21	4.1
11-14	.0	5-14	4.1	7- 8	2.4	8-29	.4
4- 3	2.5	5-28	3.9	7-23	2.8	9- 3	.0
4-16	.0	6-12	3.0	8- 6	.0	9-16	.0
			EARNEST CANAL NO. 2—D-514b				
			Diverted from Niobrara River—Sec. 9-29-56 W.				
10- 2	3.0	4-30	0.0	6-23	1.8	8-21	4.2
11-14	.0	5-14	7.4	7- 8	2.1	8-29	.3
4- 3	.1	5-28	.1	7-23	.0	9- 3	.0
4-16	.0	6-12	3.9	8- 6	5.3	9-16	.0
			EBERSPECHER CANAL—A-4903				
			Diverted from West Boggy Creek—Sec. 2-32-55 W.				
9-18	0.0						
			ECKERT CANAL—A-4281				
			Diverted from Pumpkinseed Creek—Sec. 19-19-51 W.				
5- 7	0.0	6-19	0.0	7-23	0.0	9- 5	0.0
5-28	.0	7- 3	.0	8- 7	.0	9-11	.0
6- 5	.0	7- 9	.0	8-13	.0	9-17	.0
6-12	.0	7-16	.0	8-25	.0	9-25	.0
			EDNEY PUMP—A-5080				
			Diverted from Mud (Beaver) Creek—Sec. 17-16-19 W.				
7-29	0.8						
			EHRMAN PUMP—A-3859				
			Diverted from Pumpkinseed Creek—Sec. 18-19-53 W.				
5- 7	0.0	6-19	0.0	7-23	0.0	9-11	0.0
5-15	.0	7- 3	.0	8- 7	.0	9-17	.0
5-28	.0	7- 9	.0	8-13	.0	9-25	.0
6-12	.0	7-16	.0	9- 4	.0		
			ENTERPRISE CANAL PUMP—D-461				
			Diverted from Niobrara River—Sec. 27-29-50 W.				
4- 1	0.0	5-26	0.0	7- 7	1.9	9- 1	0.0
4-14	.0	6- 2	3.8	7-21	.0	9-15	.0
4-27	.0	6- 9	5.8	8- 4	.0		
5-19	.0	6-25	8.6	8-18	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1953

EXCELSIOR CANAL—D-568, A-2264

Diverted from Niobrara River—Sec. 10-28-52 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
4- 1	0.0	5-27	6.2	7-11	2.6	9- 2	2.6
4-15	.0	6- 3	1.6	7-22	.0	9-17	2.5
4-29	.0	6-11	2.4	8- 5	.0		
5-13	.0	6-24	.2	8-20	.0		

FELDMAN PUMP—A-3994

Diverted from Mud (Beaver) Creek—Sec. 33-14-16 W.

8- 5	1.0

FENDRICH CANALS, NORTH AND SOUTH—A-616, A-617

Diverted from Niobrara River—Sec. 32-29-48 W.

3-31	0.0

FITZGERALD PUMP—A-2447

Diverted from Red Willow Creek—Sec. 21-8-32 W.

9-23	0.0

FLODINE PUMP—A-4921

Diverted from Sappa Creek—Sec. 7-1-21 W.

5-14	0.0

FORBES CANAL NO. 1—A-663

Diverted from Spring Creek—Sec. 20-32-52 W.

4-20	0.2	5-23	0.1	9-21	0.0

FOSTER PUMP—A-5228

Diverted from Muddy Creek—Sec. 21-3-36 W.

8- 5	0.0

FOX PUMP—A-4740

Diverted from White River—Sec. 26-32-52 W.

4-20	0.0	6-15	0.0	7-28	0.0	9- 8	0.0
5-11	.0	6-29	.0	8-10	.0	9-29	.0
5-25	.0	7-13	.0	8-24	.0		

FRENCH PUMP—A-4874

Diverted from Beaver Creek—Sec. 1-1-26 W.

4-13	0.0

FREY PUMP—A-4665

Diverted from Elm Creek—Sec. 12-1-10 W.

8-28	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			FRIES PUMP—A-4522				
			Diverted from Republican River—Sec. 28-1-38 W.				
6- 3	0.0	7- 2	0.0	8-11	2.0		
			FRYE PUMP—A-3696				
			Diverted from Mud (Beaver) Creek—Sec. 2-12-15 W.				
8-13	0.0						
			FT. ROBINSON CANAL—A-4734				
			Diverted from Soldier Creek—Sec. 12-31-53 W.				
8- 8	0.0						
			FULLER PUMP—A-3425				
			Diverted from Lodgepole Creek—Sec. 15-14-51 W.				
5- 6	0.0	5-26	0.0	6-16	0.0		
5-19	.0	6- 9	.0	6-23	.0		
			FURMAN CANAL—D-462				
			Diverted from Niobrara River—Sec. 29-29-50 W.				
1-26	0.0	5-12	0.0	6-25	5.7	8-18	0.0
4- 1	.0	5-26	.0	7- 7	3.9	9- 1	.8
4-14	.0	6- 2	6.5	7-21	1.9	9-15	1.0
4-27	.0	6- 9	2.7	8- 4	.0		
			GALLATIN PUMP—A-2796				
			Diverted from Beaver Creek—Sec. 24-1-28 W.				
4-13	0.0						
			GALLUP CANAL—D-426				
			Diverted from Chadron Creek—Sec. 15-33-49 W.				
3-30	0.0						
			GARDNER CANAL—A-1647				
			Diverted from Little Cottonwood Creek—Sec. 6-1-15 W.				
6-12	0.0						
			GEISER CANAL—A-3414				
			Diverted from Whitehead Creek—Sec. 4-34-54 W.				
5-16	0.0						
			GEORGE CANAL—A-3525				
			Diverted from Lodgepole Creek—Sec. 7-14-51 W.				
5-19	0.0	6- 9	0.0	6-16	0.0	6-23	0.0
5-26	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			GEIKE CANAL—A-1967				
			Diverted from Geike Creek—Sec. 19-33-56 W.				
5-15	0.1	8-13	0.0				
			GILES PUMP—A-4673				
			Diverted from Beaver Creek—Sec. 36-2-25 W.				
5-14	0.0	8-14	0.0				
			GILLETTE PUMP—A-4929				
			Diverted from Sappa Creek—Sec. 29-1-23 W.				
11-14	0.0	5-14	0.0				
			GOCHNAUER CANAL—A-2420				
			Diverted from Big Bordeaux Creek—Sec. 10-33-48 W.				
5- 6	0.0	7- 6	0.0	9-12	0.0		
			GRIMM PUMP—A-2542				
			Diverted from Frenchman River—Sec. 15-5-35 W.				
5- 5	1.6						
			GROTE CANAL—D-976, A-3451				
			Diverted from Grote Reservoir and Cedar Creek—Sec. 3-32-56 W.				
5-21	0.0	9-11	0.0				
			GUNDERSON CANAL—D-305				
			Diverted from Lodgepole Creek—Sec. 1-14-52 W.				
5- 6	0.0	5-26	0.0	6-16	0.0		
5-20	.0	6- 9	.0	6-23	.0		
			GUTHRIE CANAL—D-1036				
			Diverted from Republican River—Sec. 34-1-7 W.				
5- 8	0.0						
			HAGEMAN CANAL—A-2046				
			Diverted from White River—Sec. 26-33-50 W.				
4-20	0.0	6-15	0.0	7-28	0.0	9-29	0.0
5-11	.0	6-29	.0	8-10	.0		
5-25	.0	7-13	.0	8- 8	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			HAIGLER CANAL—D-1025				
			Diverted from Republican River—Sec. 16-1-43 W.				
			Measurements made at Colorado-Nebraska Line				
10- 7	24.9	6- 3	0.0	7-16	20.5	9- 2	31.1
5- 1	10.0	6-16	26.9	7-31	24.2	9-15	25.3
5-20	20.3	7- 2	24.9	8-11	23.2	9-29	26.2
			HALL CANAL NO. 2—D-478c				
			Diverted from White River—Sec. 34-32-52 W.				
4-20	0.0	6-15	0.0	7-28	0.0	9- 8	0.0
5-11	.0	6-29	.0	8-10	.0	9-29	.0
5-25	.0	7-13	.0	8-24	.0		
			HALL PUMP—D-478cR				
			Diverted from White River—Sec. 26-32-52 W.				
4-20	0.0	6-15	0.0	7-28	0.0	9- 8	0.0
5-11	.0	6-29	.0	8-10	.0	9-29	.0
5-25	.0	7-13	.0	8-24	.0		
			HALL PUMP—A-2793				
			Diverted from Mud (Beaver) Creek—Sec. 15-15-18 W.				
7-29	2.2	8- 4	0.0				
			HALL SPRING CANAL—D-550				
			Diverted from Spring Creek—Sec. 6-32-55 W.				
5- 7	0.8	6-26	0.2	8-27	0.1		
			HAMLIN CANAL—D-555				
			Diverted from Squaw Creek—Sec. 10-33-57 W.				
5- 2	0.2	7-17	0.1				
			HANDEL PUMP—A-3112				
			Diverted from Frenchman River—Sec. 8-4-33 W.				
7-21	0.8						
			HANDSCHUGEL LAKE—A-1441				
			Diverted from White Clay Creek—Sec. 11-31-52 W.				
4-28	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1953

HARRIS-COOPER CANAL—D-464b

Diverted from White River—Sec. 26-32-52 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
11- 5	2.9	6-15	0.0	8-10	0.0	9-29	7.3
4-20	.0	6-29	.1	8-24	.0		
5-11	.0	7-13	.0	9- 8	4.5		
5-25	.0	7-28	.0	9-14	.1		

HARRIS-NEECE CANAL—D-517, A-2275

Diverted from Niobrara River—Sec. 3-28-55 W.

11-14	12.1	5-13	9.4	6-23	13.6	8-20	10.9
4- 3	.1	5-27	10.2	7- 8	11.8	9- 2	16.3
4-15	11.2	6- 4	9.0	7-22	11.7	9-16	14.4
4-29	13.6	6-11	13.3	8- 5	.0		

HARRIS PUMP—A-4205

Diverted from Republican River—Sec. 10-1-10 W.

7-23	1.0	8-28	0.0

HARRIS PUMP—A-5038

Diverted from Republican River—Sec. 4-1-10 W.

7-23	1.0

HARRIS PUMP—A-4206

Diverted from Republican River and Elm Creek—Sec. 2-1-10 W.

8-28	0.0

HARRIS PUMP—A-4753

Diverted from Republican River—Sec. 8-1-9 W.

8-29	1.5

HARRISON CANAL—D-547

Diverted from Spring Branch Creek—Sec. 13-33-54 W.

5-16	0.1

HARRY CANAL—A-2179

Diverted from Norman Reservoir and Indian Creek Sec. 8-32-50 W.

5-20	0.0	7-20	3.4

HARTZELL CANAL—D-448

Diverted from Little Bordeaux Creek—Sec. 13-33-48 W.

5- 6	0.0	7- 6	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			HARVEY PUMP—A-4539				
			Diverted from Frenchman River—Sec. 4-5-36 W.				
5- 5	1.5						
			HASKILL CANAL—A-1357				
			Diverted from Spring Branch Creek—Sec. 31-17-24 W.				
10- 1	0.0						
			HAT CREEK CANAL, WEST—D-553a				
			Diverted from Hat Creek—Sec. 16-32-55 W.				
4-24	0.4	6-26	0.0	8-27	0.0		
			HAZELTON CANAL—D-475				
			Diverted from White Clay Creek—Sec. 13-31-52 W.				
4- 6	1.8	6-29	1.2	8-15	0.0		
			HEARD CANAL NO. 1—D-916				
			Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.				
5- 7	0.0	6- 5	0.0	6-19	0.0	9-11	0.0
5-22	.0	6-12	.0	7- 3	.0		
			HEARD CANAL NO. 2—D-916				
			Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.				
5- 7	0.0	6- 5	0.0	6-19	0.0	9-11	0.0
5-22	.0	6-12	.0	7- 3	.0		
			HERGOTT PUMP—A-4421				
			Diverted from Republican River—Sec. 18-2-19 W.				
9-11	2.6						
			HIGH LINE CANAL—A-1682				
			Diverted from Jim Creek—Sec. 13-33-57 W.				
6- 5	0.0	8-13	0.0	9-25	0.0		
			HILL PUMP—A-3124				
			Diverted from Red Willow Creek—Sec. 27-6-31 W.				
9-23	0.0						
			HILL CANAL—A-886				
			Diverted from West Boggy Creek—Sec. 11-32-55 W.				
9-18	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			HITSHEW CANAL NO. 2—A-1260				
			Diverted from Niobrara River—Sec. 6-28-52 W.				
4- 1	0.0	5-29	8.4	7-11	0.0	9- 2	0.0
4-15	.0	6- 3	4.5	7-22	.0	9-17	4.0
5-13	.1	6-11	.0	8- 5	.0		
5-27	0.0	6-24	4.2	8-20	.0		
			HITSHEW CANAL NO. 2—A-4862				
			Diverted from Niobrara River—Sec. 6-28-52 W.				
4- 1	0.0	5-27	0.0	7-11	0.0	9- 2	0.0
4-15	.0	6- 3	1.1	7-22	.0	9-17	.0
4-29	.0	6-11	.0	8- 5	.0		
5-13	.0	6-24	.0	8-20	.0		
			HOLCOMBE CANAL, EAST—D-636				
			Diverted from Pawnee Creek—Sec. 13-13-28 W.				
			Measurements made at Rating Flume				
10- 1	1.1	4- 6	0.0	6-17	3.0	8-25	2.2
10-27	.9	5-11	.0	7- 8	2.6	9-23	3.6
11-12	.0						
			HOLLINGSWORTH CANAL—D-723				
			Diverted from South Platte River—Sec. 7-13-38 W.				
			Measurements made at Rating Station				
10- 2	3.2	3-30	0.0	6- 2	10.5	8- 4	6.1
10- 9	.7	4- 6	.0	6- 9	.0	8-11	4.8
10-16	5.7	4-13	.0	6-16	7.7	8-17	5.9
10-23	.0	4-20	9.0	6-23	4.5	8-25	3.2
10-30	15.3	4-27	.0	6-30	8.5	9- 1	6.2
11- 5	.9	5- 5	.0	7- 7	7.8	9- 9	2.7
11-14	6.9	5-12	3.0	7-14	5.7	9-15	2.6
11-21	8.4	5-19	3.5	7-21	5.2	9-22	3.0
12- 5	.0	5-26	10.3	7-28	4.6	9-29	3.8
			HOLZ PUMP—A-5138				
			Diverted from Republican River—Sec. 9-1-9 W.				
8-28	0.0						
			HOMRIGHAUSEN PUMP—A-4869				
			Diverted from Niobrara River—Sec. 9-28-52 W.				
4- 1	0.0	5-27	0.0	7-11	0.0	9- 2	0.0
4-15	.0	6- 3	3.9	7-22	.0	9-17	.0
4-29	.0	6-11	.0	8- 5	.0		
5-13	.0	6-24	.0	8-20	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			HOOVER CANAL—D-353				
			Diverted from Lodgepole Creek—Sec. 12-14-59 W.				
6- 1	3.8	7-13	0.0	8- 3	0.0	8-24	0.0
6-15	4.2	7-27	.0	8-18	.0	9-14	.0
6-29	.0						
			HOOVER PUMP—D-510R				
			Diverted from Niobrara River—Sec. 21-31-57 W.				
10- 2	0.0	5-14	0.0	7- 8	0.0	9- 3	0.0
4- 3	.0	5-28	.0	7-23	.0	9-16	.0
4-16	.0	6-12	.0	8- 6	.0		
4-30	.0	6-23	1.0	8.21	.0		
			HOPEFUL CANAL—A-2135				
			Diverted from Lawrence Fork Creek—Sec. 1-18-52 W.				
5- 9	0.0	5-23	0.0	6- 6	0.0		
			HORSE CREEK CANAL—D-159, D-173				
			Diverted from Horse Creek—Sec. 23-1-39 W.				
4-15	0.0	6- 3	0.0	7-31	1.5	9- 2	1.4
			HOWARD-McCAFFERTY PUMP—A-5115				
			Diverted from White River—Sec. 1-32-51 W.				
6-22	0.0	7-13	0.0	8-10	0.0	9- 5	0.0
6-29	.5	7-28	.0	8-24	.0	9-29	.0
			HOWARD-RUTTNER CANAL—D-336, A-1645				
			Diverted from Lodgepole Creek—Sec. 31-14-47 W.				
5- 1	0.0	5-27	0.0	6-25	0.0	8-11	0.0
5- 8	.0	6- 4	.0	7- 8	.2	8-27	.0
5-14	.0	6-11	.0	7-15	.0	9- 3	.0
5-20	.0						
			HUFFSTUTTER PUMP—A-3267				
			Diverted from Wood River—Sec. 9-9-15 W.				
7-29	0.4						
			HUGHES CANAL—D-987a, D-987b				
			Diverted from Niobrara River—Sec. 1-28-52 W.				
4- 1	0.0	5-27	0.0	7-11	0.4	9- 2	0.0
4-15	.0	6- 3	.6	7-22	.1	9-17	.8
4-29	.0	6-11	3.2	8- 4	.0		
5-12	.0	6-24	2.1	8-20	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			HUMPHREYS PUMP—A-4845				
			Diverted from Indian Creek—Sec. 17-2-36 W.				
5-20	0.0						
			ICKES CANAL—D-329				
			Diverted from Lodgepole Creek—Sec. 28-14-50 W.				
4-30	0.0	5-26	0.0	6-10	0.0	6-23	0.0
5-19	.0	6- 2	.0	6-17	.0		
			INDEPENDENT CANAL—D-343				
			Diverted from Lodgepole Creek—Sec. 7-14-58 W.				
6- 1	0.0	7-13	0.0	8-18	0.0		
6-29	.0	7-27	.0	8-24	.0		
			INMAN CANAL—D-79, A-436				
			Diverted from Frenchman River—Sec. 17-6-40 W.				
4- 4	0.0	6- 2	0.0	6-15	0.6	7-27	4.5
4-14	.0						
			IODENCE PUMP—A-2838				
			Diverted from Niobrara River—Sec. 26-29-48 W.				
5-12	0.0						
			JAMES CANAL—A-3417				
			Diverted from Soldier Creek—Sec. 5-31-53 W.				
4-11	0.0	6-13	0.0	8- 8	2.3		
			JAMES PUMP—A-4732				
			Diverted from Soldier Creek—Sec. 5-31-53 W.				
4-11	0.0	6-13	0.0	8- 8	0.0		
			JANSSEN CANAL—A-2231				
			Diverted from Pawnee Creek—Sec. 29-13-27 W.				
10- 1	0.0						
			JENKINS CANAL—A-924				
			Diverted from Buffalo Creek—Sec. 18-1-40 W.				
11- 4	0.0	5- 1	0.0	6-16	0.0	8-11	1.7
4-15	.0	5-20	.0	7- 2	.0	9- 2	1.8
			JIM CREEK CANAL—D-502				
			Diverted from Jim Creek—Sec. 8-33-56 W.				
6- 5	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
JOHNSON CANAL—D-511							
Diverted from Niobrara River—Sec. 35-31-57 W.							
10- 2	5.2	5-14	0.0	7- 8	1.4	9- 3	0.0
4- 3	.0	5-28	.0	7-23	2.2	9-16	.0
4-16	.0	6-12	.0	8- 6	5.3		
4-30	.0	6-23	.0	8-21	.0		
JOHNSON CANAL—A-612							
Diverted from Lodgepole Creek—Sec. 23-13-45 W.							
10- 1	0.9	5-29	0.0	7- 2	3.1	8-11	0.0
4-28	.0	6- 4	2.4	7- 8	2.5	8-28	.0
5- 8	.0	6-11	6.0	7-15	.0	9- 3	.0
5-14	.0	6-18	6.4	7-22	.0	9-16	.0
5-20	.0	6-25	7.8	7-31	.0		
JONES CANAL—A-391							
Diverted from White River—Sec. 18-34-48 W.							
4-28	0.0						
JONES CANAL—A-3392							
Diverted from Lodgepole Creek—Sec. 36-14-49 W.							
5-13	0.0	6-17	0.0	7-15	0.0	9- 2	0.0
5-19	.0	6-25	.0	7-22	.0	9-16	.0
5-27	.0	7- 2	.0	8-12	.0	9-22	.0
6-10	.0	7- 7	1.7	8-27	.0	9-29	.0
JORDAN, CORNELIUS CANAL—A-841							
Diverted from Monroe Creek and Jordan Reservoir—Sec. 13-33-56 W.							
10-25	0.0	5-15	0.1	7-17	0.0	9-25	0.0
11-13	.0	6-19	2.4	8-13	.0		
4-24	.0	7- 3	.0	9-11	.0		
JORDAN, RICHARD CANAL—A-2032							
Diverted from Monroe Creek—Sec. 22-33-56 W.							
10-25	0.0	4-24	0.1	6-19	0.1	8-13	0.0
11-13	.0	5-15	.2	7- 3	.0	9-11	.0
1-30	4.0	5-21	.1	7-17	.1	9-25	.0
3-27	2.5						
KAY CANAL—D-958							
Diverted from Warbonnet Creek—Sec. 26-33-57 W.							
6- 5	0.1						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			KEEL CANAL—A-2228				
			Diverted from Monroe Creek—Sec. 5-32-56 W.				
5-15	0.0	7- 3	0.0				
			KEIFER CANAL—A-2167, A-3547				
			Diverted from Republican River—Sec. 21-1-8 W.				
10- 2	0.0	7-23	0.0				
			KELLY CANAL—D-915				
			Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.				
5- 7	0.0	5-28	0.0	6-19	0.0	7- 9	0.0
5-15	.0	6-12	.0	7- 3	.0	9-11	.0
			KELSO CANAL—A-2151, A-2279, A-2328, A-3570				
			Diverted from Big Bordeaux Creek—Sec. 14-33-48 W.				
5- 6	0.0	7- 6	0.0	9-12	0.0		
			KENT-BURKE CANAL, WEST—A-1694				
			Diverted from Pawnee Creek—Sec. 18-13-27 W.				
			Measurements made at Rating Flume				
10- 1	1.3	4- 6	0.0	6-17	1.7	8-25	0.8
10-27	.9	5-11	.0	7- 8	2.2	9-23	.6
11-12	.0						
			KING CANAL, WEST—A-1440				
			Diverted from Lawrence Fork Creek—Sec. 15-18-52 W.				
5- 9	0.0	5-23	0.0	6- 6	0.0		
			KING CANAL, EAST—A-1587				
			Diverted from Lawrence Fork Creek—Sec. 15-18-52 W.				
5- 9	0.0	5-23	0.0	6- 6	0.0		
			KITE CANAL—A-1375, A-1469, A-1470				
			Diverted from Monroe Creek and Jordan Reservoir				
			Sec. 13-33-56 W.				
10-25	0.0	5-15	0.0	7-17	0.0	9-25	0.1
11-13	.0	6-19	.5	8-13	.0		
4-24	.2	7- 3	.0	9-11	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			KOETTER PUMP—A-5113				
			Diverted from Red Willow Creek—Sec. 6-4-29 W.				
7-30	2.0	9-23	0.0				
			KOLBERT PUMP—A-5269				
			Diverted from Red Willow Creek—Sec. 26-6-31 W.				
9-23	0.0						
			KROTTER-FOLLETT CANAL—A-705, A-720, A-975, A-1047				
			Diverted from Frenchman River—Sec. 35-5-34 W.				
10-24	13.1	5- 5	15.5	5-19	14.1	7-20	7.4
			KRUEGER CANAL—D-968				
			Diverted from Lodgepole Creek—Sec. 29-14-48 W.				
5-20	0.0						
			KRUEGER CANAL NO. 1—D-325				
			Diverted from Lodgepole Creek—Sec. 29-14-48 W.				
10- 1	2.5	5-19	0.1	7- 2	0.0	9- 2	0.0
11- 5	3.0	5-27	3.5	7-15	.0	9-16	.0
11-13	1.8	6- 2	.0	7-22	.0	9-22	.0
5- 1	.0	6-10	.0	8-11	.0		
5- 6	.0	6-17	.0	8-19	1.5		
5-13	.0	6-25	.0	8-27	.0		
			KRUEGER CANAL NO. 2—D-324				
			Diverted from Lodgepole Creek—Sec. 32-14-48 W.				
5- 1	0.0	5-27	0.0	7- 2	0.0	8-27	0.0
5- 6	.0	6- 2	2.9	7- 7	2.2	9- 2	.0
5-13	.0	6-12	6.2	7-15	2.4	9-16	.0
5-19	.0	6-17	1.6	7-22	.0		
5-20	4.0	6-25	3.3	8-11	.0		
			KRUEGER CANAL NO. 3—D-323				
			Diverted from Lodgepole Creek—Sec. 32-14-48 W.				
5- 1	0.0	6- 2	0.0	7- 2	4.6	8-11	0.0
5- 6	.0	6-10	.0	7- 7	.9	8-27	.0
5-13	.0	6-17	1.7	7-15	.0	9- 2	.0
5-20	.1	6-25	1.6	7-22	2.1	9-16	.0
			KUSEL-SPEARMAN CANAL—A-677				
			Diverted from Little Cottonwood Creek—Sec. 8-32-51 W.				
5-18	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			LABELLE CANAL—D-518, A-60				
			Diverted from Niobrara River—Sec. 6-28-54 W.				
11-14	11.6	4-29	12.5	6-11	6.1	8- 5	0.7
4- 1	14.9	5-13	2.7	6-24	.0	8-20	.0
4- 3	15.1	5-27	4.2	7- 8	5.3	9- 2	7.0
4-15	6.0	6- 4	3.7	7-22	.0	9-16	4.6
			LAING CANAL—D-825				
			Diverted from Lawrence Fork Creek—Sec. 28-18-52 W.				
5- 9	0.0	6-26	1.1	7-28	0.0	8-29	0.0
5-23	.0	7-11	.0	8- 7	.0	9-12	.0
6- 6	.0	7-18	.0	8-15	.0	9-19	.0
6-12	.7	7-24	.0	8-22	.0	9-26	.0
			LAKOTAH CANAL—D-554				
			Diverted from Niobrara River—Sec. 1-30-57 W.				
10- 2	0.0	5-14	5.8	7- 8	0.0	9- 3	0.0
4- 3	9.2	5-28	5.9	7-23	.0	9-16	.0
4-16	10.5	6-12	5.3	8- 6	.0		
4-30	10.4	6-23	3.1	8-21	.0		
			LANG PUMP—A-1848, A-2445				
			Diverted from Mud (Beaver) Creek—Sec. 13-14-17 W.				
7-28	1.1	7-29	2.7	8- 5	1.9	8-25	0.0
			LARABEE CANAL—A-2197				
			Diverted from Larabee Creek—Sec. 6-34-44 W.				
4- 8	0.0						
			LARSON PUMP—A-1898				
			Diverted from Muddy Creek—Sec. 17-4-23 W.				
5-12	0.0	8-14	0.0				
			LAUGHRAN-BELL CANAL—D-217				
			Diverted from Victoria Creek—Sec. 3-19-21 W.				
10- 1	0.0	8-26	0.0	9-29	0.0		
			LEMBURG PUMP—A-3542				
			Diverted from Middle Loup River—Sec. 29-13-11 W.				
10- 6	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			LEONARD CANALS NO. 1 and 2—A-3557				
			Diverted from Schaefer Reservoir—Sec. 5-32-55 W.				
8-27	0.0						
			LIBBY CANAL—D-312				
			Diverted from Lodgepole Creek—Sec. 36-14-47 W.				
5- 8	0.0	5-27	0.0	7- 8	0.0		
5-20	.0	6-11	.0	9-16	.0		
			LIBBY CANAL—D-314				
			Diverted from Lodgepole Creek—Sec. 36-14-47 W.				
5- 1	0.0	5-27	0.0	6-18	0.0	7- 8	0.0
5- 8	.0						
			LIBBY CANAL—D-315				
			Diverted from Lodgepole Creek—Sec. 36-14-47 W.				
5- 8	0.0	5-27	0.0	7- 8	0.0	8-28	0.0
5-14	.0						
			LICHTE CANAL—D-479, A-1086, A-1088, A-1152, A-2523				
			Diverted from Niobrara River—Sec. 27-29-48 W.				
3-31	0.0	6-16	5.7	7-21	4.2	9- 1	0.0
4-14	.0	6-25	2.6	7-27	3.2	9- 9	.0
4-27	.0	6-30	4.4	8- 4	.0	9-15	.0
5-12	.0	7- 2	4.6	8-11	.0	9-22	.0
5-26	.0	7- 7	3.4	8-18	.0	9-28	.0
6- 9	5.4	7-14	2.6	8-26	.0		
			LIENEMAN PUMP—A-4819				
			Diverted from Beaver Creek—Sec. 31-2-24 W.				
5-14	0.0	8-14	0.0				
			LOGAN CANAL—D-902				
			Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.				
5-15	0.0	7- 3	1.2	8- 7	0.0	9-11	0.0
5-28	.0	7- 9	1.4	8-13	.0	9-17	.0
6- 5	.0	7-23	1.5	9- 4	.0	9-25	.0
6-12	.0						
			LOGAN PUMP—A-3038				
			Diverted from White River—Sec. 30-33-49 W.				
4-20	0.0	6-15	0.0	7-28	0.0	9- 8	0.0
5-11	.0	6-29	.0	8-10	.0	9-29	.0
5-25	.0	7-13	.0	8-24	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

LORD PUMP—A-4788
Diverted from Beaver Creek—Sec. 8-1-27 W.

Date	Diversion Sec.-ft.
4-13	0.0

LYNGHOLM CANAL—D-337
Diverted from Lodgepole Creek—Sec. 14-14-51 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
5-19	0.0	6- 9	0.0	6-16	0.0	6-23	0.0
5-26	.0						

McAULIFFE CANAL—D-814, A-1559
Diverted from Lodgepole Creek—Sec. 21-13-45 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.
5-20	0.0	5-29	0.0	6-18	0.0

McCARTHY CANAL—D-749
Diverted from White Tail Creek—Sec. 36-15-38 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10-10	0.6	5- 7	0.4	6-25	0.1	8-13	0.1
10-31	.5	5-14	.5	7- 2	.9	8-27	.1
3-26	.4	5-21	.3	7-16	.7	9- 3	.2
4-17	.3	6- 4	.7	7-23	.3	9-11	.1
4-23	.5	6-11	.0	7-30	.2	9-17	.1
5- 1	.5	6-18	.8	8- 6	.0	9-24	.1

McCARTY PUMP—A-3564
Diverted from Sappa Creek—Sec. 10-1-22 W.

Date	Diversion Sec.-ft.
5-14	0.0

McCOMB PUMP—A-5146
Diverted from Beaver Creek—Sec. 31-2-25 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
4-13	1.0	8-14	1.0

McFARLAND CANAL—D-960
Diverted from White Clay Creek—Sec. 35-32-52 W.
Measurements made at 2-foot weir

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
4- 6	0.0	5-25	1.9	6-29	0.5	8-15	0.3

McGINLEY-STOVER NORTH CANAL—D-513a
Diverted from Niobrara River—Sec. 25-29-56 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10- 2	5.7	5-13	6.8	6-23	6.3	8-21	1.1
11-14	.0	5-13	6.3	7- 8	6.0	9- 3	.6
4- 3	.0	5-28	7.6	7-23	1.2	9-16	.0
4-14	.0	6-12	7.3	8- 5	.1		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			McGINLEY-STOVER SOUTH CANAL—D-513b				
			Diverted from Niobrara River—Sec. 25-29-56 W.				
10- 2	0.0	5-13	4.8	6-23	0.9	8-21	0.0
11-14	.0	5-14	4.9	7- 8	.6	9- 3	.1
4- 3	.0	5-28	4.3	7-23	.1	9-16	.0
4-15	.0	6-12	2.6	8- 5	.1		
			McGINLEY-STOVER UPPER CANAL—D-521				
			Diverted from Niobrara River—Sec. 23-29-56 W.				
5-14	0.0						
			McHATTON PUMP—A-3560				
			Diverted from Lodgepole Creek—Sec. 7-13-45 W.				
7- 8	0.0						
			McLAIN CANAL—A-65				
			Diverted from Stinking Water Creek—Sec. 28-7-37 W.				
5-25	0.0						
			McLAUGHLIN CANAL—D-566				
			Diverted from Niobrara River—Sec. 9-28-52 W.				
4- 1	0.0	5-27	0.1	7-11	6.1	9- 2	4.8
4-15	.0	6- 3	.8	7-22	.7	9-17	2.3
4-29	.0	6-11	.1	8- 5	.1		
5-13	.9	6-24	4.2	8-20	.0		
			McLAUGHLIN CANAL—D-966				
			Diverted from Lodgepole Creek—Sec. 25-14-48 W.				
5- 1	0.0	5-27	0.0	6-17	0 0	8-27	0.0
5-13	.0	6- 4	.0	7- 2	.0	9- 2	.0
5-20	.0	6-10	.0	7- 8	.0		
			McMEEKIN CANAL—A-4552				
			Diverted from Chadron Creek—Sec. 22-33-49 W.				
5- 6	0.0						
			McMILLAN CANAL—A-2477R, A-2797				
			Diverted from Middle Loup River—Sec. 23-21-22 W.				
10- 1	0.0	8-26	0.0				
			MACE CANAL—D-428				
			Diverted from West Ash Creek—Sec. 2-31-51 W.				
5-20	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			MALONE PUMP—A-2981, A-3136				
			Diverted from Stinking Water Creek—Sec. 15-5-34 W.				
5-25	0.0						
			MALTESE CROSS CANAL—A-454				
			Diverted from Lodgepole Creek—Sec. 36-15-57 W.				
4-27	0.0	5-12	0.0				
			MARANVILLE CANAL—D-70, D-71				
			Diverted from Frenchman River—Sec. 12-6-41 W.				
4-14	0.0	7-27	3.0				
			MARKUS PUMP—A-4901				
			Diverted from Wood River—Sec. 7-9-15 W.				
7-29	1.9						
			MARKUS PUMP—A-4900				
			Diverted from Wood River—Sec. 7-9-15 W.				
7-29	1.1						
			MARTEN CANAL—A-342				
			Diverted from Boggy Creek—Sec. 18-32-54 W.				
9-18	0.0						
			MARTENS PUMP—A-2801				
			Diverted from Big Bordeaux Creek—Sec. 16-34-48 W.				
4-28	0.0	7- 6	0.0	9-12	0.0		
			MAXON PUMP—A-4662				
			Diverted from Farmers Creek—Sec. 32-2-12 W.				
8-28	0.0						
			MAYFIELD CANAL—A-4629				
			Diverted from Tributary to Chadron Creek and Mayfield Reservoir Sec. 23-33-49 W.				
5- 6	0.0						
			MEGLEMRE CANAL—A-294, A-853				
			Diverted from Greenwood Creek—Sec. 3-18-50 W.				
5-16	0.0	7-18	1.3	8-28	1.1		
6-26	2.2	7-24	1.6	9-24	1.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1953

METTLEN CANAL—A-292, A-1248, A-2244

Diverted from Niobrara River—Sec. 4-28-54 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
4- 1	0.0	5-27	5.6	7- 8	0.0	9- 2	1.2
4-15	.0	6- 4	4.3	7-22	.0	9-16	.0
4-29	8.7	6-11	.1	8- 5	.1		
5-13	.0	6-24	5.3	8-20	.1		

MEYER PUMP—A-3240

Diverted from Republican River—Sec. 35-1-7 W.

7-23	5.3	10- 2	0.0	5- 8	0.0	8-27	0.0

MEYERS PUMP—A-1042

Diverted from Red Willow Creek—Sec. 8-3-28 W.

4-28	0.0	9-23	0.0

MILLER CANAL—A-341

Diverted from Hat Creek—Sec. 23-33-55 W.

4-24	0.0

MITCHELL CANAL—D-304, A-3526

Diverted from Lodgepole Creek—Sec. 8-14-51 W.

5- 6	0.0	5-26	0.0	6-16	0.0
5-19	.0	6- 9	.0	6-23	.0

MONROE CANAL, BIG—D-506, A-2372

Diverted from Monroe Creek—Sec. 33-33-56 W.

10-25	0.0	1-30	0.0	5-21	2.0	8-13	0.1
11-13	.0	3-27	.1	6- 5	1.8	9-11	.6
12- 5	.0	4-10	.1	6-19	1.5	9-25	1.2
12-18	.0	4-24	1.8	7- 3	.8		
1- 7	.0	5-15	1.9	7-17	.8		

MONTAGUE CANAL—A-575

Diverted from Niobrara River—Sec. 27-29-48 W.

3-31	0.0	6-16	1.4	7-21	1.1	9- 1	0.0
4-14	.0	6-25	.3	7-27	.7	9- 9	.0
4-27	.0	6-30	.0	8- 4	.0	9-15	.0
5-12	.0	7- 2	2.3	8-11	.0	9-22	.0
5-26	.0	7- 7	.7	8-18	.2	9-28	.0
6- 9	3.9	7-14	.4	8-26	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			MONTAGUE CANAL PUMP—A-2266				
			Diverted from Niobrara River—Sec. 28-29-48 W.				
3-31	0.0	6-16	0.0	7-21	0.0	9- 1	0.0
4-14	.0	6-25	.0	7-27	.0	9- 9	.0
4-27	.0	6-30	.0	8- 4	.0	9-15	.0
5-12	.0	7- 2	1.1	8-11	.0	9-22	.0
5-26	.0	7- 7	.0	8-18	.0	9-28	.0
6- 9	.0	7-14	1.2	8-26	.0		
			MONTER PUMP—A-2042				
			Diverted from Muddy Creek—Sec. 15-4-23 W.				
8-14	0.0						
			MONTGOMERY CANAL—D-559				
			Diverted from Sow Belly Creek—Sec. 21-33-55 W.				
5- 7	0.2	6-26	0.0	8-27	0.0		
			MOORE-KAY CANAL—A-88, A-2245				
			Diverted from Niobrara River—Sec. 9-28-53 W.				
4- 1	0.0	5-27	6.0	7-11	8.0	9- 2	5.0
4-15	.0	6- 4	4.2	7-22	5.0	9-17	5.5
4-29	.0	6-11	6.8	8- 5	6.4		
5-13	.0	6-24	6.7	8-20	.1		
			MORELAND CANAL—A-2745				
			Diverted from Dry Creek—Sec. 16-34-37 W.				
4-23	0.0	7- 1	0.0	8-25	0.0		
			MORRIS PUMP—A-3232				
			Diverted from Mud (Beaver) Creek—Sec. 9-15-18 W.				
7-24	0.0						
			MORRIS PUMP—A-2920				
			Diverted from Beaver Creek—Sec. 11-1-26 W.				
4-13	0.0						
			MOZETER CANAL—D-1014				
			Diverted from Spring Creek—Sec. 13-32-52 W.				
5-23	0.1	9-21	0.0				
			MUHLBACH PUMP—A-3407				
			Diverted from Mud (Beaver) Creek—Sec. 12-12-15 W.				
8-13	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			MUTUAL CANAL—D-843				
			Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.				
5- 7	0.5	6-19	4.3	7-23	0.0	9- 5	0.0
5-22	1.9	6-26	5.0	8- 7	.0	9-11	2.8
5-28	1.1	7- 3	3.4	8-13	.0	9-17	3.2
6- 5	5.9	7- 9	1.4	8-22	1.2	9-25	2.7
6-12	9.8	7-16	1.5	8-25	1.3		
			MYERS PUMP—A-4066				
			Diverted from Republican River—Sec. 34-1-7 W.				
7-23	0.0	10- 2	0.0	5- 8	0.0	8-27	0.0
			NASLUND CANAL—A-661				
			Diverted from Lodgepole Creek—Sec. 1-12-45 W.				
10- 1	2.3	5- 8	0.0	6-18	0.0	7-31	0.0
3-25	.8	5-14	.0	6-25	.0	8-11	.0
4- 1	.6	5-29	.0	7- 2	.0	8-28	.0
4-21	2.0	6- 4	.0	7- 8	.0	9- 3	.0
4-28	1.6	6-11	.0	7-15	.0	9-24	.0
			NELSON CANAL—D-845				
			Diverted from Greenwood Creek—Sec. 33-18-50 W.				
5-16	4.3	7-18	6.1	8-22	5.2	9-24	4.3
6- 2	.0	7-24	6.1	8-28	5.2		
6-26	4.7	8-15	7.7	9- 5	5.6		
			NELSON PUMP—A-3100				
			Diverted from Mud (Beaver) Creek—Sec. 11-14-17 W.				
7-28	0.0	8- 4	2.3				
			NELSON PUMP—A-1927				
			Diverted from Curtis Creek—Sec. 36-8-28 W.				
5-13	0.0						
			NEUMANN CANAL—A-611, A-1445				
			Diverted from Lodgepole Creek—Sec. 26-13-45 W.				
4-28	0.0	5-20	0.0	6-18	0.0	8-11	0.0
5-14	.0	5-29	.0	7- 8	.0		
			NEUMANN CANALS NO. 1 and 2—A-565				
			Diverted from Lodgepole Creek—Sec. 36-13-45 W.				
5-20	0.0	5-29	0.0	7- 2	0.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
NEWTON CANAL—A-2263, A-2863, A-2927							
Diverted from North Loup River—Sec. 35-23-21 W.							
8-17	0.0	9- 7	0.0				
NIEHUS CANAL—A-550							
Diverted from Lawrence Fork Creek—Sec. 11-18-52 W.							
5- 9	0.0	6-12	0.4	7-28	0.4	9-12	0.0
5-23	.0	6-26	.7	8- 7	.6	9-19	.0
5-26	.0	7-11	1.5	8-15	.9	9-26	.0
5-28	1.2	7-18	1.1	8-22	.0		
6- 6	.9	7-24	.5	8-29	.0		
NOLAN CANAL NO. 1—D-957, A-4860							
Diverted from Warbonnet Creek—Sec. 23-33-57 W.							
6- 5	0.1						
NOLAN CANAL NO. 2—D-959, A-4860							
Diverted from Warbonnet Creek—Sec. 23-33-57 W.							
6- 5	0.0						
NOREISCH CANAL—A-83							
Diverted from Spring Branch Tributary to Monroe Creek Sec. 33-33-56 W.							
4-10	0.1	5-15	0.0	7- 3	0.0		
NORMAN CANAL—A-1614, A-1704, A-1952							
Diverted from Indian Creek—Sec. 16-32-50 W.							
5-20	0.0	7-20	0.0				
NORMAN SUPPLY CANAL—A-1953							
Diverted from Indian Creek—Sec. 28-32-50 W.							
11-12	1.1	5-20	0.0	6-22	0.0	7-20	0.0
4-13	1.9						
NORTH PUMP—A-2369							
Diverted from White Clay Creek—Sec. 36-35-45 W.							
4- 8	0.0						
OASIS (KILPATRICK) CANAL NO. 1—D-567							
Diverted from Snake Creek and Kilpatrick Reservoir—Sec. 6-24-51 W.							
12-31	0.9	4-23	0.2	9-30	0.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			OASIS (KILPATRICK) CANAL NO. 2—A-1159				
			Diverted from Snake Creek and Kilpatrick Reservoir—Sec. 6-24-51 W.				
12-31	0.8	4-23	0.0	9-30	0.0		
			OBERFELDER CANAL—D-306				
			Diverted from Lodgepole Creek—Sec. 31-14-46 W.				
5-20	0.0	5-27	0.0				
			OBERFELDER CANAL—D-307				
			Diverted from Springs—Sec. 31-14-46 W.				
5-20	0.0	5-27	0.0				
			OBERFELDER CANAL—D-333				
			Diverted from Lodgepole Creek—Sec. 31-14-46 W.				
5-20	0.0	5-27	0.0				
			O'DONNELL CANAL—A-432, A-2036				
			Diverted from Big Bordeaux Creek—Sec. 9-34-48 W.				
4-28	0.0	7- 6	1.4	9-12	0.0		
			OHMSTEDE CANAL—A-3952				
			Diverted from Ohmstede Reservoir—Sec. 17-1-9 W.				
8-28	0.0						
			OHMSTEDE-ZIMMERMAN PUMP—A-4080				
			Diverted from Republican River—Sec. 10-1-9 W.				
7-10	0.0	8-28	0.0				
			OX YOKE CANAL—D-477R				
			Diverted from East Ash Creek—Sec. 29-32-50 W.				
4-13	0.0	6-22	0.0	7-20	0.0	9- 5	0.0
5-20	.0						
			PANTENBURG CANAL—A-2113				
			Diverted from Lodgepole Creek—Sec. 34-14-48 W.				
5- 1	0.0	5-20	0.0				
			PARKS CANAL—A-1202, A-1444, A-1555				
			Diverted from Republican River—Sec. 20-1-39 W.				
11- 4	2.5	5- 1	0.0	7-16	0.0	9-29	9.9
4-15	.0	6- 3	.0	9- 2	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			PEETZ PUMP—A-2909				
			Diverted from Lodgepole Creek—Sec. 35-14-49 W.				
5- 1	0.0	6- 2	0.0	6-17	0.0	9- 2	0.0
5-27	.0	6-10	.0	8-27	.0		
			PERSINGER CANAL—D-297				
			Diverted from Lodgepole Creek—Sec. 33-14-46 W.				
5- 1	0.0	6- 4	3.6	7- 8	0.0	9- 3	0.0
5- 8	.0	6-11	.0	7-15	.0	9-16	.0
5-14	.0	6-18	.0	7-22	.0	9-24	.0
5-20	.0	6-25	3.0	8-11	.0		
5-29	.0	7- 2	.0	8-28	.0		
			PETERS CANAL—D-913				
			Diverted from Pumpkinseed Creek—Sec. 2-19-56 W.				
5-15	0.0	7- 3	0.0	8- 7	0.4	9-11	0.0
5-28	.0	7- 9	.0	8-13	.0	9-17	.0
6- 5	.0	7-23	1.0	9- 4	.0	9-25	.0
6-12	.0						
			PETERSON CANAL—A-2006				
			Diverted from Lodgepole Creek—Sec. 26-13-45 W.				
4-28	0.0	5-20	0.0	5-29	0.0	6-18	0.0
5-14	.0						
			PETRIK PUMP—A-2793				
			Diverted from Mud (Beaver) Creek—Sec. 16-15-18 W.				
7-24	0.7	8- 5	0.7	8-26	0.0		
			PHELAN CANAL—D-138				
			Diverted from Rock Creek—Sec. 17-1-39 W.				
5-20	1.2						
			PIONEER CANAL—D-442a, A-3812, A-4599				
			Diverted from Niobrara River—Sec. 36-29-51 W.				
4- 1	0.0	5-26	0.0	6-25	6.0	8-18	11.4
4-14	.0	6- 3	4.4	7- 7	7.1	9- 1	5.4
4-27	.0	6- 9	.0	7-21	3.5	9-15	4.9
5-12	.0	6-24	14.1	8- 4	4.8		
			PLUNKETT CANAL—A-2070				
			Diverted from Prairie Dog Creek—Sec. 25-33-56 W.				
5-21	0.0	9-11	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			PLUNKETT RESERVOIR CANAL—A-2031				
			Diverted from Prairie Dog Creek—Sec. 25-33-57 W.				
5-21	0.0	9-11	0.0				
			POST PUMP—A-1933, A-2621, A-2622				
			Diverted from Turkey Creek—Sec. 8-1-16 W.				
7-10	2.0	9-11	0.0				
			POTMESIL CANAL—A-2566				
			Diverted from Niobrara River—Sec. 26-29-48 W.				
3-31	0.0	6-16	4.3	7-21	4.7	9- 1	5.0
4-14	.0	6-25	8.2	7-27	2.5	9- 9	3.6
4-27	.0	6-30	5.7	8- 4	.9	9-15	3.4
5-12	.0	7- 2	2.1	8-11	.6	9-22	2.8
5-26	7.7	7- 7	6.8	8-18	.6	9-28	3.5
6- 9	.1	7-14	4.1	8-26	3.0		
			PREMIER CANAL—D-340				
			Diverted from Lodgepole Creek—Sec. 3-14-58 W.				
6- 1	0.0	7-13	0.0	8- 3	0.0	8-24	0.0
6-15	.0	7-27	.0	8-18	.0	9-14	.0
6-29	.0						
			PRIVATE CANAL—D-335				
			Diverted from Springs—Sec. 14-13-51 W.				
6-17	0.0	6-23	0.0				
			PUELZ PUMP—A-2857				
			Diverted from Beaver Creek—Sec. 24-1-28 W.				
4-13	0.0						
			PURCEL PUMP—A-4364				
			Diverted from Medicine Creek—Sec. 1-7-28 W.				
5-13	0.0						
			QUICK PUMP—A-3082				
			Diverted from Red Willow Creek—Sec. 31-5-29 W.				
5-13	0.0	9-23	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			QUINN CANAL—A-1561				
			Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.				
5- 7	0.0	6-19	0.0	7-23	0.0	9- 5	0.0
5-22	.0	7- 3	1.2	8- 7	.0	9-11	.0
5-28	.0	7- 9	2.7	8-13	.0	9-17	.0
6- 5	.0	7-16	.0	8-25	.0	9-25	.0
6-12	.0						
			RADCLIFFE-NELSON CANAL—D-1034a				
			Diverted from Cedar Creek—Sec. 28-18-48 W.				
5-15	4.9	7-20	3.6	8-20	0.0		
			RADCLIFFE CANAL NO. 2—D-1034b				
			Diverted from Cedar Creek—Sec. 34-18-48 W.				
5-15	1.2	7-20	0.0	8-20	0.0		
			RADCLIFFE CANAL NO. 3—D-1034c				
			Diverted from Cedar Creek—Sec. 27-18-48 W.				
5-15	0.0						
			RALTON PUMP—A-882				
			Diverted from Lodgepole Creek—Sec. 36-13-45 W.				
5-29	0.0	7- 2	0.0				
			RAMM PUMP—A-3115				
			Diverted from Mud (Beaver) Creek—Sec. 28-14-16 W.				
8- 4	1.6						
			RANDALL CANAL—A-1100				
			Diverted from Lawrence Fork Creek—Sec. 21-18-52 W.				
5- 9	4.2	6-12	2.6	7-29	3.3	9-12	0.0
5-23	1.5	6-26	2.2	8- 7	2.9	9-19	.0
5-28	1.6	7-13	.0	8-15	3.1	9-26	.0
6- 6	1.4	7-18	.0	8-22	.0		
6-12	4.2	7-24	3.0	8-29	.0		
			RANKIN CANAL—A-2477				
			Diverted from Middle Loup River—Sec. 4-21-23 W.				
10- 1	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			RASHER-FORBES CANAL—A-1128				
			Diverted from White River—Sec. 19-32-51 W.				
11- 5	0.8	6-15	0.0	7-28	0.0	9- 8	0.0
4-20	.0	6-29	.0	8-10	.1	9-14	.0
5-11	.0	7-13	3.5	8-24	5.6	9-29	2.8
5-25	.0						
			RASSER CANAL—A-2357, A-2917				
			Diverted from Elm Creek—Sec. 3-1-10 W.				
5- 8	0.0	8-28	0.0				
			RATH PUMP—A-4659				
			Diverted from Muddy Creek—Sec. 5-2-35 W.				
8- 5	0.0						
			REEVES PUMP—A-4932, A-4933				
			Diverted from Beaver Creek—Sec. 28-34-46 W.				
5- 8	0.0	7-15	0.0	8-14	0.0	9-10	0.0
			REISHER PUMP—A-3221				
			Diverted from Republican River—Sec. 30-1-38 W.				
10- 7	2.4	7- 2	0.0	8-11	2.7		
			RHYNALDS PUMP—A-1934				
			Diverted from Turkey Creek—Sec. 5-3-21 W.				
6-12	0.0						
			RIVERSIDE PUMP—A-2698, A-3401				
			Diverted from Republican River—Sec. 14-3-27 W.				
4-28	0.0						
			ROBINSON PUMP—A-3389				
			Diverted from Mud (Beaver) Creek—Sec. 2-12-15 W.				
8-13	0.0						
			RODGERS CANAL—A-3777, A-3863				
			Diverted from Pumpkinseed Creek—Sec. 9-19-54 W.				
5- 7	1.1	6- 5	1.9	7- 3	1.5	9- 4	0.0
5-15	2.6	6-12	3.0	7-23	.0	9-11	.0
5-22	2.1	6-19	2.1	8- 7	.0	9-17	.0
5-28	1.2	6-26	.9	8-13	.0	9-25	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1953

ROUND HOUSE ROCK CANAL—D-884

Diverted from Pumpkinseed Creek—Sec. 28-19-51 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
5- 7	0.0	5-28	0.0	6-12	0.0	7- 3	0.0
5-22	.0	6- 5	.0	6-19	.0	7- 9	.0

RUCKER PUMP—A-4825

Diverted from Little Bordeaux Creek—Sec. 33-33-47 W.

Date	Diversion Sec.-ft.
7- 6	0.0

RUGGLES PUMP—A-5324

Diverted from Red Willow Creek—Sec. 16-3-28 W.

Date	Diversion Sec.-ft.
7-31	0.0

RUNGE PUMP—A-3191, A-3363

Diverted from Lodgepole Creek—Sec. 20-14-50 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
4-30	0.0	6-17	0.0	7-21	1.7	8-26	0.0
5-19	.0	6-23	.0	7-29	.0	9- 2	.0
5-26	.0	7- 7	.0	8- 4	.0	9-15	.0
6- 2	2.0	7-14	.0	8-12	.0	9-29	.0
6-10	.0						

RUNGE CANAL NO. 1—D-339

Diverted from Lodgepole Creek—Sec. 20-14-50 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
3-23	2.8	5-13	1.9	6-23	1.3	8-12	0.0
4- 1	1.8	5-19	1.3	7- 7	.0	8-26	1.8
4- 7	2.2	5-26	1.7	7-14	.0	9- 2	1.2
4-14	1.2	6- 2	.9	7-21	.0	9-15	2.5
4-20	1.0	6-10	1.8	7-29	.0	9-22	1.8
4-30	1.2	6-17	1.3	8- 4	.0	9-29	1.8
5- 6	2.0						

RUNGE CANAL NO. 2—D-338

Diverted from Lodgepole Creek—Sec. 20-14-50 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
4-30	0.0	5-26	0.0	6-17	0.0
5- 6	.0	6- 2	.0	6-23	.0

RUSH CREEK CANAL—D-802

Diverted from North Platte River—Sec. 2-17-46 W.

Date	Diversion Sec.-ft.
11- 3	0.0

RUSSELL CANAL—A-3477

Diverted from Blackwood Creek—Sec. 6-4-31 W.

Date	Diversion Sec.-ft.
5- 26	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

RUSSELL PUMP—A-3319
Diverted from Brushy Creek—Sec. 33-8-29 W.

Date	Diversion Sec.-ft.
5-13	0.0

RUTTNER CANAL—A-906
Diverted from Lodgepole Creek—Sec. 30-14-47 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
5- 1	0.0	5-20	0.0	7- 2	1.3	8-27	0.0
5- 8	.0	5-27	.0	7- 8	.0	9- 3	.0
5-14	.0	6-18	.0	8-11	.0	9-16	.0

SANDERS CANAL—D-83
Diverted from Medicine Creek—Sec. 27-7-27 W.

Date	Diversion Sec.-ft.
5-13	0.0

SCHILT-CEDAR CREEK CANAL—D-507
Diverted from Cedar Creek—Sec. 35-33-56 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
5-21	0.1	9-11	0.0

SCHILT-MONROE CANAL—D-509
Diverted from Monroe Creek—Sec. 27-33-56 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
10-25	0.0	4-10	0.0	6-19	0.7	8-13	0.4
11-13	.0	4-24	.0	7- 3	.1	9-11	.0
3-27	.0	5-15	.0	7-17	.0	9-25	.0

SCHILT-PRAIRIE DOG CANAL—D-508
Diverted from Prairie Dog Creek—Sec. 35-33-56 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
5-21	0.1	9-11	0.0

SCHMELZER PUMP—A-3315
Diverted from Medicine Creek—Sec. 8-8-29 W.

Date	Diversion Sec.-ft.
5-13	0.0

SCHMITZ PUMP—A-1287
Diverted from Driftwood Creek—Sec. 12-2-30 W.

Date	Diversion Sec.-ft.
4-28	0.0

SCHNELL CANAL—A-3588
Diverted from Pumpkinseed Creek—Sec. 1-19-56 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
5-15	0.0	7- 3	1.1	8- 7	0.0	9-11	0.0
5-28	1.6	7- 9	.9	8-13	.0	9-17	.0
6- 5	.0	7-23	.9	9- 4	.0	9-25	.0
6-12	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1953

SCHUMACHER PUMP—A-4720

Diverted from White River—Sec. 19-33-49 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
4-20	0.0	5-25	0.9	7-13	0.9	8-24	0.9
5- 6	1.0	6-15	.0	7-28	.9	9- 8	.0
5-11	.0	6-29	.0	8-10	.0	9-29	.0

SCHWABE CANAL—A-815

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

7-28	0.0						

SCOTT CANAL, NORTH—A-711

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

5-15	0.0	7- 3	0.0	7- 9	0.0	7-23	0.0
6- 5	.0						

SCOTT CANAL, SOUTH—A-711

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

5-15	0.0	7- 3	1.9	8- 7	0.0	9-11	0.0
5-28	1.9	7- 9	2.2	8-13	.0	9-17	.0
6- 5	2.4	7-23	1.8	9- 4	.0	9-25	.0
6-12	.0						

SEEGRIST CANAL—A-1822, A-1823

Diverted from Indian Creek—Sec. 3-31-50 W.

5-20	0.0						

SEARS PUMP—A-2117

Diverted from Pumpkinseed Creek—Sec. 25-19-53 W.

5- 7	0.0	6-12	0.0	7- 9	0.0	9-25	0.0
5-28	.0	6-19	.0	8-25	.0		
6- 5	.0	7- 3	.0	9-17	.0		

SEVERNS CANAL—A-1856

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

8-12	5.5						

SHELDON CANAL—A-493

Diverted from East Ash Creek—Sec. 30-32-50 W.

4-13	0.0	6-22	0.0	7-20	0.0	9- 5	0.0
5-20	.0						

SHEPHERD CANAL—A-1965

Diverted from Squaw Creek—Sec. 36-34-57 W.

7-17	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			SHERBECK PUMP—A-2884				
			Diverted from Mud (Beaver) Creek—Sec. 5-15-18 W.				
7-24	1.1	7-29	0.9	8- 5	0.4		
			SIMONS CANAL—A-2363				
			Diverted from Little Cottonwood Creek—Sec. 9-32-51 W.				
3-30	0.0	8-10	0.0	9- 8	0.0	9-21	0.0
5-18	.0						
			SKILES PUMP—A-4550				
			Diverted from Sappa Creek—Sec. 30-1-23 W.				
11-14	0.0	5-14	0.0				
			SLATTERY CANAL—D-543, A-1683				
			Diverted from Jim Creek and Caladonia Reservoir—Sec. 13-33-57 W.				
6- 5	0.3	8-13	0.0	9-25	0.0		
			SLATTERY PUMPS—A-749, A-749R, A-2021, A-4786				
			Diverted from Dead Horse Creek—Sec. 32-33-49 W.				
3-30	1.2	7-20	0.0				
			SMITH CANAL—A-850				
			Diverted from Lodgepole Creek—Sec. 12-12-45 W.				
4-28	0.0	5- 8	0.0	5-29	0.0		
			SMITH-WHEELER CANAL, NORTH—D-842b				
			Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.				
5- 7	0.0	6-12	0.0	7-16	0.0	8-25	0.0
5-22	.0	6-19	.0	7-23	.0	9-11	.0
5-28	.0	7- 3	.0	8- 7	.0	9-17	.0
6- 5	.0	7- 9	.0	8-13	.0	9-25	.0
			SMITH-WHEELER CANAL, SOUTH—D-842a				
			Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.				
5- 7	0.0	6- 5	0.0	6-19	0.0	7-16	0.0
5-22	.0	6-12	.0	7- 9	.0	9- 5	.0
5-28	1.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			SNOW CANAL—D-485				
			Diverted from Niobrara River—Sec. 35-29-51 W.				
4- 1	0.0	5-26	0.0	7-22	0.0	9- 9	3.8
4-15	.0	6-11	.0	8- 4	.0	9-15	.5
4-27	.0	6-24	.0	8-18	.0		
5-12	.0	7- 7	.0	9- 1	5.4		
			SODERQUIST CANAL—A-1237				
			Diverted from Lodgepole Creek—Sec. 36-13-45 W.				
4-28	0.0	5-29	0.0	6-18	0.0		
			SODERQUIST CANAL—A-1420				
			Diverted from Lodgepole Creek—Sec. 36-13-45 W.				
4-28	0.0	5-29	0.0	6-18	0.0		
			SOLOMON PUMP—A-4852				
			Diverted from Frenchman River—Sec. 18-3-31 W.				
5-26	0.0	7-30	1.5				
			SOUTHER LAKE CANAL—A-915				
			Diverted from Hooker Creek—Sec. 30-32-51 W.				
4-11	0.0						
			SOW BELLY CANAL, NEW—A-2306R				
			Diverted from Sow Belly Creek—Sec. 8-32-55 W.				
5- 7	0.0	6-26	0.0				
			SOW BELLY CANAL, OLD—D-533				
			Diverted from Sow Belly Creek—Sec. 7-32-55 W.				
5- 7	3.1	6-26	0.0	8-27	0.0		
			SPRING BRANCH CANAL—D-862, D-893, A-669				
			Diverted from Lawrence Fork Creek—Sec. 11-18-52 W.				
5- 9	0.0	6-12	2.4	7-28	1.7	9-12	3.2
5-23	.0	6-26	2.2	8- 7	.0	9-19	2.3
5-26	3.0	7-11	4.1	8-15	2.5	9-26	2.3
5-28	2.2	7-18	4.3	8-22	.0		
6- 6	4.1	7-24	1.7	8-29	2.9		
			SPRING CREEK CANAL—D-532, A-3310				
			Diverted from Spring Creek—Sec. 7-32-55 W.				
5- 7	4.4	6-26	0.0	8-27	0.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			SPRINGER PUMP—A-2156				
			Diverted from Beaver Creek—Sec. 17-1-26 W.				
4-13	0.0						
			SQUAW CREEK CANAL—A-1631				
			Diverted from Squaw Creek Reservoir—Sec. 12-31-52 W.				
4-11	0.0	8-15	0.0				
			SQUAW CREEK CANAL—D-466				
			Diverted from Spring Creek—Sec. 13-32-52 W.				
5-23	0.0	9-21	0.0				
			STEPHENSON CANAL—A-852				
			Diverted from East Saw Log Creek—Sec. 25-31-52 W.				
4- 6	0.0	6- 6	0.0				
			STEVENS PUMP—A-3480				
			Diverted from Mud (Beaver) Creek—Sec. 35-16-19 W.				
7-29	1.1						
			STEVENSON PUMP—A-3667				
			Diverted from Sappa Creek—Sec. 36-1-24 W.				
11-14	0.0	5-14	0.0				
			STUART BROTHERS CANAL, NORTH—A-8				
			Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.				
3-30	2.5	5-18	0.0	8-10	0.0	8-31	0.0
			STUART BROTHERS CANAL, SOUTH—A-8				
			Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.				
3-30	0.0	5-18	3.1	8-10	0.0	8-31	0.0
			STUHT CANAL—A-1659				
			Diverted from Lodgepole Creek—Sec. 32-14-49 W.				
5-26	0.0	6-10	0.0	6-17	0.0	6-23	0.0
			STUMPH CANAL—D-447R, D-1023½, D-1051				
			Diverted from East Ash Creek—Sec. 32-32-50 W.				
4-13	0.0	6-22	1.6	7-20	0.9	9- 5	0.0
5-20	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			STUTE PUMP—A-4853				
			Diverted from Buffalo Creek—Sec. 35-2-41 W.				
4-15	0.0	5-20	0.0	8-11	0.8		
			SUDMAN CANAL—A-1483				
			Diverted from Lodgepole Creek—Sec. 22-13-45 W.				
5-20	0.0	5-29	0.0				
			SUTHERLAND POWER RETURN—A-2353, A-3601, A-4685				
			Diverted from North and South Platte Rivers—Sec. 16-13-30 W.				
			Measurements made below Power House				
10- 2	1388.0	1-23	1338.0	5-27	852.0	8-17	1860.0
10- 8	1372.0	2-26	853.0	6- 3	1380.0	8-26	1880.0
10-28	960.0	3-27	708.0	7- 1	1853.0	9-30	1600.0
12-10	770.0	4-17	1179.0	7- 8	1836.0		
1- 9	853.0	4-24	1106.0	8-15	1340.0		
			SUTTON PUMP—A-1791				
			Diverted from Indian Creek—Sec. 21-2-11 W.				
8-28	0.0						
			TAYLOR CANAL—A-766				
			Diverted from Niobrara River—Sec. 28-29-47 W.				
5-12	0.0						
			THOMAS CANAL—A-2057				
			Diverted from East Ash Creek—Sec. 19-32-50 W.				
4-13	0.0	6-22	0.0	7-20	0.0	9- 5	0.0
5-20	.0						
			THOMAS CANAL—A-1748				
			Diverted from Big Bordeaux Creek—Sec. 34-34-48 W.				
4-28	0.0	7- 6	0.0	9-12	0.0		
			THOMAS CANAL—A-627				
			Diverted from Squaw Creek—Sec. 10-33-57 W.				
7-17	0.0						
			THORSTENSEN PUMP—A-2569				
			Diverted from Lodgepole Creek—Sec. 7-14-51 W.				
5-19	1.4	6- 9	0.0	6-16	0.0	6-23	0.0
5-26	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

TOBIN CANAL—D-330
Diverted from Lodgepole Creek—Sec. 28-14-47 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
5-20	0.0	6-18	0.0	7- 8	0.0	7-15	0.0
5-27	.0						

TODD CANAL—A-520
Diverted from East Ash Creek—Sec. 5-31-50 W.

5-20	0.0						

TOWNE PUMP—A-3088, A-3197
Diverted from Medicine Creek—Sec. 26-8-29 W.

5-13	0.0						

TRACY CANAL—A-870
Diverted from Lodgepole Creek—Sec. 12-14-59 W.

5-18	0.0	6-29	0.6	8- 3	0.0	9-14	0.0
6- 1	1.1	7-13	.0	8-18	.0		
6-15	.0	7-27	.0	8-24	.0		

TRACY PUMP—A-3335
Diverted from Muddy Creek—Sec. 2-2-36 W.

8- 5	0.0						

TRAILS END CANAL, NORTH—A-4749, A-4750
Diverted from Pumpkinseed Creek—Sec. 29-19-52 W.

5- 7	5.7	7- 3	0.0	7-23	0.0	9- 5	0.0
5-28	3.2	7- 9	.0	8- 7	.0	9-11	.0
6-12	.0	7-16	.0	8-14	.0	9-17	.0
6-19	.0						

TRAILS END CANAL—A-3453
Diverted from Pumpkinseed Creek—Sec. 29-19-52 W.

5- 7	0.0	6-12	0.0	7-16	0.0	9-11	0.0
5-22	.0	6-19	.0	8-22	3.6	9-17	.0
5-28	1.8	7- 3	.0	8-25	3.7	9-25	.0
6- 5	.0	7- 9	2.8	9- 5	.0		

TRI-COUNTY CANAL, JOHNSON RETURN—A-2354
To Platte River—Sec. 2-8-21 W.

7-30	189.0	8-13	40.3	9-10	37.7	9-17	40.2
8- 6	111.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			TRIDLE PUMP—A-3679				
			Diverted from Muddy Creek—Sec. 16-4-23 W.				
5-12	0.0	8-14	0.0				
			TRINNIER CANAL—D-849, A-1551				
			Diverted from Greenwood Creek—Sec. 28-18-50 W.				
5-16	6.1	7-18	4.2	8-22	5.2	9-24	4.5
6- 2	9.6	7-24	4.2	8-28	5.1		
6-26	3.6	8-15	4.8	9- 5	4.4		
			TRI-STATE CANAL—D-918, ALLIANCE DRAIN				
			To River—Sec. 20-22-53 W.				
5- 5	0.0	6-18	11.6	7-23	20.0	9- 3	16.6
5-20	4.8	6-25	.0	7-30	15.7	9-10	14.7
5-27	7.5	7- 2	14.7	8-13	19.6	9-17	23.0
6- 2	9.4	7- 9	19.9	8-20	17.9	9-24	21.9
6-11	.0	7-16	19.6	8-27	16.8		
			TROGNITZ CANAL—D-365				
			Diverted from Lodgepole Creek—Sec. 36-14-50 W.				
4-30	0.0	6-10	0.0	6-23	0.0	8-12	0.0
5-26	.0	6-17	.0	7-14	.0	9-29	.0
6- 2	.0						
			TUG WILSON CANAL—D-453				
			Diverted from Chadron Creek—Sec. 12-32-49 W.				
5- 6	0.0						
			TUPPER PUMP—A-1792				
			Diverted from Indian Creek—Sec. 20-2-11 W.				
8-28	0.0						
			TURNER CANAL, SOUTH—D-537				
			Diverted from Antelope Creek—Sec. 26-34-57 W.				
7-17	0.0						
			TURNER RESERVOIR CANAL NO. 2—A-1676				
			Diverted from Antelope Creek—Sec. 26-34-57 W.				
7-17	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			URBACH CANAL—D-308, A-723				
			Diverted from Lodgepole Creek—Sec. 15-14-51 W.				
5- 6	0.0	5-26	0.0	6-16	0.0		
5-19	.0	6- 9	.0	6-23	.0		
			VAN TREEK CANAL—A-1098				
			Diverted from East Saw Log Creek—Sec. 5-30-51 W.				
6- 6	0.0						
			VICTORIA CANAL NO. 1—D-210, D-212, A-1843				
			Diverted from Victoria Creek—Sec. 1-19-21 W.				
10- 1	3.2	8-26	0.0	9-29	0.0		
			VICTORIA CANAL NO. 2—D-213, A-1845, A-1945, A-2398				
			Diverted from Victoria Creek—Sec. 1-19-21 W.				
10- 1	0.0	8-26	3.2	9-29	0.5		
			WALBRIDGE PUMP—A-5100				
			Diverted from Frenchman River—Sec. 29-5-34 W.				
8-10	0.9						
			WALKER PUMP—A-3037				
			Diverted from Red Willow Creek—Sec. 9-6-31 W.				
9-23	0.0						
			WARBONNET CANAL—D-548				
			Diverted from Warbonnet Creek—Sec. 21-33-56 W.				
3-27	1.1	4-10	1.1	5-15	2.1	8-13	0.0
			WARBONNET CANAL NO. 2—A-892				
			Diverted from Warbonnet Creek—Sec. 20-33-56 W.				
3-27	2.7	5-15	2.8	8-13	0.0		
			WARNEKE CANAL—D-505				
			Diverted from Niobrara River—Sec. 27-31-57 W.				
4-16	0.0	8- 6	0.0				
			WASSERBURGER PUMP—A-3291				
			Diverted from Hat Creek—Sec. 24-34-55 W.				
5- 7	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			WEARIN CANAL—A-1864				
			Diverted from Lodgepole Creek—Sec. 8-14-58 W.				
			Measurements made at Rating Flume				
6- 1	0.0	7-13	0.0	8-18	0.0		
6-29	.0	7-27	.0	8-24	.0		
			WENGERT PUMP—A-1938				
			Diverted from Turkey Creek—Sec. 4-3-21 W.				
6-12	0.0						
			WENTLING PUMP—A-4844				
			Diverted from Beaver Creek—Sec. 21-2-23 W.				
5-14	0.0	8-14	0.0				
			WERTZ CANAL—A-600				
			Diverted from Lodgepole Creek—Sec. 12-13-46 W.				
5-14	0.0	5-29	0.0				
			WHITE RIVER CANAL—D-477, A-936				
			Diverted from White River—Sec. 34-32-52 W.				
			Measurements made at Rating Flume				
11- 5	4.3	6-15	3.8	7-28	0.1	9- 8	5.6
4-20	.0	6-29	2.6	8-10	.0	9-14	.0
5-11	.0	7-13	4.9	8-24	3.6	9-29	.0
5-25	5.4						
			WHITEMAN CANAL—A-4972				
			Diverted from Whiteman Fork—Sec. 22-6-39 W.				
4-14	0.0						
			WHITNEY CANAL—A-1603				
			Diverted from White River—Sec. 26-32-52 W.				
1-17	19.7						
			WICKERSHAM CANAL—A-2203				
			Diverted from Boggy Creek and Wickersham Reservoir				
			Sec. 30-33-54 W.				
6-19	0.0	9-18	0.1				
			WICKERSHAM CANAL, WEST—A-701, A-2204				
			Diverted from Boggy Creek—Sec. 31-33-54 W.				
6-19	0.0	9-18	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			WICKERSHAM SUPPLY CANAL, EAST—A-2182				
			Diverted from Boggy Creek—Sec. 31-33-54 W.				
12-18	0.5	1-30	0.4	6-19	1.8	9-18	0.0
1- 7	.7	3-27	.0	7-18	.0		
			WIEDEL PUMP—A-4387				
			Diverted from Republican River—Sec. 19-2-19 W.				
9-11	1.9						
			WIEGAND CANAL—A-563				
			Diverted from Lodgepole Creek—Sec. 17-13-45 W.				
5- 1	0.0	6-18	0.0	9- 3	0.0		
			WIEGAND CANAL NO. 2—A-1323				
			Diverted from Lodgepole Creek—Sec. 16-13-45 W.				
5- 1	0.0	6-18	0.0	8-11	0.0	9- 3	0.0
5- 8	.0						
			WIEGAND CANAL NO. 3—A-1322				
			Diverted from Lodgepole Creek—Sec. 16-13-45 W.				
5- 1	0.0	6- 4	0.0	7- 8	0.0	9- 3	0.0
5-29	.0	6-18	.0	7-22	1.1		
			WILDS CANAL, NORTH—A-904				
			Diverted from Lodgepole Creek—Sec. 11-13-46 W.				
5- 8	0.0	5-29	0.0	7- 8	0.0		
5-20	.0	6-11	.0	8-11	.0		
			WILLIAMS PUMP—A-3505				
			Diverted from Beaver Creek—Sec. 21-2-23 W.				
5-14	0.0	8-14	0.0				
			WILLIAMS PUMP—A-3015				
			Diverted from Mud (Beaver) Creek—Sec. 31-16-18 W.				
7-24	1.8	7-29	0.0	8- 6	0.0	8-26	0.0
			WILLOUGHBY PUMP—A-1896				
			Diverted from Mud (Beaver) Creek—Sec. 34-15-17 W.				
7-28	0.0	8- 5	0.8				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			WILLOW SPRINGS CANAL, EAST—A-651				
			Diverted from Willow Creek—Sec. 16-19-51 W.				
5-15	0.0	6-12	0.0				
			WILLOW SPRINGS CANAL, WEST—A-650				
			Diverted from Willow Creek—Sec. 16-19-51 W.				
5-15	0.0	6-12	0.0				
			WILSON PUMP—A-1879, A-4279				
			Diverted from Mud (Beaver) Creek—Sec. 14-14-17 W.				
7-24	1.3	7-28	1.5	8- 4	0.0	8-26	0.0
			WOLFE CANAL—D-813				
			Diverted from Lodgepole Creek—Sec. 18-13-45 W.				
10- 1	2.1	5-29	0.0	7- 8	0.0	8-28	0.0
5- 1	.0	6- 4	.0	7-15	2.5	9- 3	.0
5- 8	.0	6-11	.0	7-22	.0	9-24	.0
5-14	.0	6-18	.0	8-11	.0		
			WOODRUFF CANAL, SOUTH—D-536				
			Diverted from Jim Creek—Sec. 14-33-57 W.				
6- 5	0.0	8-13	0.0	9-25	0.0		
			WORDEN PUMP—A-1862				
			Diverted from Republican River—Sec. 32-1-6 W.				
8-27	0.0						
			WRIGHT CANAL—A-3864				
			Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.				
5- 7	4.5	6- 5	3.2	7- 9	0.3	9- 4	0.0
5-15	6.6	6-12	8.9	7-23	.0	9-11	.0
5-22	5.4	6-19	.0	8- 7	.0	9-17	.0
5-28	4.3	7- 3	.0	8-13	.0	9-25	.0
			YANDA PUMP—A-1920				
			Diverted from Mud (Beaver) Creek—Sec. 8-12-14 W.				
8-13	0.0						
			YOUNG CANAL—A-1921				
			Diverted from Brushy Creek—Sec. 33-8-29 W.				
5-13	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1953

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			ZERBST CANAL—A-2003				
			Diverted from Little Red Creek—Sec. 34-33-56 W.				
5-21	0.1	9-11	0.1				
			ZIEGLER PUMP—A-2505				
			Diverted from Thompson Creek—Sec. 27-2-13 W.				
6-12	0.0						
			ZIMMERMAN CANAL—A-532				
			Diverted from Sow Belly Creek—Sec. 34-33-55 W.				
5- 7	0.1	6-26	0.9	8-27	0.8		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			ADAMS CANAL—D-371				
			Diverted from Lodgepole Creek—Sec. 3-14-52 W.				
5-18	0.0	7- 7	0.0	7-14	0.0	9-15	0.0
			ADEN PUMP—A-3882				
			Diverted from Mud (Beaver) Creek—Sec. 29-13-15 W.				
7-16	0.0						
			AEGERTER PUMP—A-4678				
			Diverted from Big Blue River—Sec. 17-11-3 E.				
7-28	0.9	7-29	0.0				
			AEGERTER PUMP—A-4316				
			Diverted from Big Blue River—Sec. 8-11-3 E.				
7-28	0.0	7-29	0.0				
			AIREDALE CANAL NO. 1 (MEAD PUMP)—A-698, A-1380				
			Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.				
			Measurements made at 5.5 ft. Weir				
10- 1	0.0	5-28	0.0	6-30	0.0	8-26	0.0
10-15	.0	6-10	.0	7- 9	.0	9-24	.0
5-13	.0	6-17	.0	7-22	.0		
5-21	.0	6-25	.0	7-30	.0		
			AIREDALE CANAL NO. 2 (MEAD PUMP)—A-699, A-1133				
			Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.				
10- 1	0.0	6-25	0.0	7-22	0.0		
5-21	.0	6-30	.0	8-26	.0		
6-17	.0	7- 9	.0	9-24	.0		
			AIREDALE CANAL NO. 3 (MEAD PUMP)—A-1508				
			Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.				
10- 1	0.0	6-25	0.0	7-22	0.0		
5-21	.0	6-30	.0	8-26	.0		
6-17	.0	7- 9	.0	9-24	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
ALCORN CANAL—A-803							
Diverted from Hooker Creek—Sec. 31-32-51 W.							
6- 8	0.0						
ALLEN-LARNED CANAL—D-117							
Diverted from Buffalo Creek—Sec. 18-1-40 W.							
10-14	3.8	6-15	4.6	8-26	5.5		
5- 4	.0	6-29	4.8	9- 7	5.5		
6- 4	.0	7-29	3.5	9-21	4.7		
AMSBERRY PUMP—A-2051							
Diverted from Mud (Beaver) Creek—Sec. 31-15-17 W.							
7- 9	1.0						
AMSBERRY PUMP—A-2684							
Diverted from Mud (Beaver) Creek—Sec. 22-15-18 W.							
7-16	1.1						
ANDERSON CANAL—D-373							
Diverted from Lodgepole Creek—Sec. 8-14-51 W.							
5-18	0.0	7-14	0.0	8- 3	0.0		
ANDERSON PUMP—A-2862							
Diverted from Big Blue River—Sec. 3-13-2 W.							
7-30	0.5						
ANDREWS SUPPLY CANAL—A-2558							
Diverted from Sow Belly Creek and Andrews Reservoir, A-2530 Sec. 5-32-55 W.							
11- 3	0.3	1- 9	0.5	3- 6	0.0	8-10	0.0
11-12	.0	1-16	.0	5- 4	.0		
11-25	.0	1-23	.0	5-13	.0		
12-10	.0	2-24	1.8	5-25	.0		
ANDRIJESKI PUMP—A-4715, A-4725							
Diverted from Muddy Creek—Sec. 4 and 9-2-35 W.							
5-20	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			ASH CREEK CANAL, WEST—D-452R, A-434				
			Diverted from West Ash Creek—Sec. 35-32-51 W.				
11-17	1.1	6-14	0.0	8-19	0.0		
			BAR 99 CANAL—A-2282, A-2898, A-3321				
			Diverted from Bear Creek—Sec. 16-34-37 W.				
8-18	0.0						
			BAR 99 CANAL—A-2696				
			Diverted from Bear Creek—Sec. 8-34-37 W.				
8-18	0.0						
			BARBER CANAL—D-754, A-1111				
			Diverted from Clear Creek—Sec. 29-16-41 W.				
10-30	0.5	5- 7	1.1	7-15	2.5	8-18	2.0
1-15	.4	5-21	.0	7-19	.0	9-16	.0
4-20	.0	6-11	.0	7-20	.0	9-30	.0
			BARRETT CANAL—D-334				
			Diverted from Lodgepole Creek—Sec. 32-14-46 W.				
7-13	0.0	7-21	0.0	8- 4	0.0		
			BARRON CANAL, WEST—D-438R				
			Diverted from East Ash Creek—Sec. 32-32-50 W.				
8-19	0.0						
			BARSTOW PUMPS NO. 1 AND 2—D-330R				
			Diverted from Lodgepole Creek—Sec. 28-14-47 W.				
7-13	0.0	8- 4	0.0	8-25	0.0	9- 9	0.0
7-21	.0						
			BARSTOW PUMP NO. 3—A-3825				
			Diverted from Lodgepole Creek—Sec. 28-14-47 W.				
7-13	0.0	7-21	0.0	9- 9	0.0		
			BARTLEY CANAL—A-3869D				
			Diverted from Republican River—Sec. 16-3-28 W.				
9-10	35.3	9-23	21.1				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

BASS NURSERY CANAL—A-3891
Diverted from Big Bordeaux Creek—Sec. 23-33-48 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
6-10	0.0	7-27	0.0	9-13	0.0		

BATES DAMS—A-2276
Diverted from Bear Creek—Sec. 8-34-37 W.

10-23	2.0						

BATIE PUMP—A-2083
Diverted from Strever Creek—Sec. 18-9-20 W.

7-20	0.5						

BAUERSACHS CANAL—D-492
Diverted from Hooker Creek—Sec. 7-31-51 W.

6- 8	0.0						

BEAL CANAL—A-1620
Diverted from South Platte River—Sec. 20-13-40 W.

10- 6	5.1	4-28	1.3	7- 1	8.4	8-13	0.0
10-14	6.3	5-12	2.8	7- 9	5.6	8-27	5.3
10-27	1.1	5-26	2.8	7-16	1.8	9- 3	2.2
4- 7	.0	6- 3	3.0	7-23	2.6	9-10	2.2
4-14	.0	6- 9	2.4	7-30	.0	9-17	1.0
4-21	.0	6-23	7.2	8- 6	.0	9-24	.7

BEISER CANAL—A-1056
Diverted from Niobrara River—Sec. 4-29-56 W.

10- 6	0.0	5-12	0.0	7-13	0.0	9-14	0.0
1-14	.0	6- 2	.0	7-22	.0	9-30	.0
4- 6	.0	6-15	.0	8- 6	.0		
4-29	.0	6-22	.0	8-17	.0		

BELMONT FEEDER—D-828
Diverted from Cedar Creek—Sec. 23-18-48 W.
Measurements made at Rating Station

4-13	2.0	6-17	9.6	7-27	1.8	8-30	0.5
5-10	.0	6-22	8.5	8- 2	1.2	9- 7	.0
5-12	.0	7- 3	7.8	8- 9	.7	9-13	.0
5-19	9.4	7-16	1.4	8-16	.5	9-20	.0
5-26	8.1	7-21	.7	8-23	.4	9-27	3.4
6- 4	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			BENDIX CANAL—A-189, A-1669				
			Diverted from Sand Creek—Sec. 35-33-53 W.				
11-19	0.0	8-30	0.0				
			BENNETT-KAY CANAL—A-1249				
			Diverted from Niobrara River—Sec. 1-28-54 W.				
10- 8	0.2	6- 3	0.1	7-13	0.0	9-14	0.0
1-14	.0	6- 7	1.0	7-22	.0	9-30	2.8
4- 6	.0	6-15	1.2	8- 6	.0		
5- 5	.8	6-22	2.3	8-17	.0		
5-10	.0	6-29	2.0	8-31	.0		
			BEST PUMP—A-2492				
			Diverted from Republican River—Sec. 36-4-22 W.				
10-22	0.0	7-21	2.8				
			BICKEL-FADEN CANAL—D-347, A-719, A-724				
			Diverted from Lodgepole Creek—Sec. 30-15-55 W.				
			Measurements made at Rating Flume				
5- 5	0.0	6- 7	0.0	7-19	0.0	8-30	0.0
5-11	.0	6-14	.0	7-26	.0	9- 7	.0
5-18	.0	6-24	.0	8- 9	.0	9-14	.0
5-24	.0	7- 6	.0	8-16	.0	9-21	.0
6- 1	.0	7-12	.0	8-23	.0	9-29	.0
			BIGELOW-SEYMOUR CANAL—D-510				
			Diverted from Niobrara River—Sec. 19-31-57 W.				
10- 6	0.0	5-12	0.0	6-22	0.0	8-17	0.0
1-14	.0	5-18	.0	7-13	1.1	8-31	.0
4- 6	.0	6- 2	.0	7-22	1.7	9-14	.0
4-29	.0	6-15	.0	8- 6	.0	9-30	.0
			BIRDWOOD CANAL, WEST—D-652				
			Diverted from Birdwood Creek—Sec. 22-15-33 W.				
10- 7	0.5	5-11	0.0	7- 7	0.3	8-31	0.4
10-15	.7	5-18	.0	7-13	1.0	9- 8	.1
10-28	.2	5-25	.0	7-20	1.1	9-14	.0
11-12	.2	6- 2	1.8	7-27	1.0	9-21	.1
11-18	.2	6- 8	1.0	8- 3	.8	9-28	.4
11-25	.0	6-15	1.2	8-10	.7		
4-27	.0	6-22	.9	8-18	.8		
5- 4	.0	6-29	.5	8-24	.3		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
BLANK-JOY CANAL—A-2025							
Diverted from Center Creek—Sec. 1-1-15 W.							
10- 9	0.0	4-30	0.0	7- 7	2.4		
BLUHM CANAL—A-1811							
Diverted from Lodgepole Creek—Sec. 36-14-48 W.							
8- 4	0.0	8-11	0.0	9-16	0.0	9-22	0.0
BOOTH CANAL, NORTH—D-309, D-310							
Diverted from Lodgepole Creek—Sec. 29-14-47 W.							
Measurements made at Rating Flume							
5-12	0.0	6- 9	2.2	7-21	0.0	9- 9	0.0
5-20	.0	6-16	.0	8- 4	.0	9-16	.0
5-27	4.8	7- 8	.0	8-11	.0	9-30	1.0
6- 4	.0	7-13	.0	8-25	.8		
BOOTH CANAL, SOUTH—D-309, D-310							
Diverted from Lodgepole Creek—Sec. 29-14-47 W.							
Measurements made at Rating Flume							
5-12	0.0	6-16	0.0	8- 4	0.0	9-16	0.8
5-20	.0	7- 8	3.2	8-11	1.3	9-30	.0
5-27	.0	7-13	1.9	8-25	.0		
6- 4	.0	7-21	2.6	9- 9	.0		
BORDWELL CANAL, NORTH—D-303							
Diverted from Lodgepole Creek—Sec. 35-14-49 W.							
5-12	0.0	6- 4	0.0	7-20	0.0	8-24	0.0
5-19	.0	6-15	.0	7-27	.0	9- 8	.0
5-27	.0	7- 8	.0	8-10	.9	9-28	.0
BORDWELL CANAL, SOUTH—D-302							
Diverted from Lodgepole Creek—Sec. 35-14-49 W.							
5-12	0.0	7- 8	0.0	8-10	0.0	9- 8	0.0
5-19	.0	7-20	.0	8-24	.0	9-28	.0
5-27	.0	7-27	.0	9- 2	.0		
BORQUIST CANAL, NORTH—D-301							
Diverted from Lodgepole Creek—Sec. 34-14-49 W.							
5-19	0.0	7-20	0.0	7-27	0.0	9- 2	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

BORQUIST CANAL, SOUTH—D-300

Diverted from Lodgepole Creek—Sec. 34-14-49 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
5-19	0.0	7-20	0.0	7-27	0.0	9- 2	0.0

BORTNER PUMP—A-5965

Diverted from Red Willow Creek—Sec. 23-4-29 W.

7-31	1.9						

BOURRET CANAL—A-542

Diverted from Niobrara River—Sec. 29-30-56 W.

5-12	0.0	6-22	0.0				

BOURRET CANAL—A-546

Diverted from Niobrara River—Sec. 19-30-56 W.

5-12	0.0						

BOURRET CANALS—A-5, A-1188, A-1209

Diverted from Niobrara River—Sec. 29-30-56 W.

5-12	0.0						

BOURRET CANAL—A-4, A-1057

Diverted from Niobrara River—Sec. 33-30-56 W.

10- 6	0.0	5-12	0.0	7-13	0.0	9-14	0.0
1-14	.0	5-18	.0	8- 6	.0	9-30	.0
4- 6	.0	6- 2	.0	8-17	.0		
4-29	.0	6-15	.0	8-31	.0		

BRADDOCK CANAL—D-423, A-2033

Diverted from Beaver Creek—Sec. 18-34-36 W.

7-12	0.0						

BRADY CANAL—D-352

Diverted from Lodgepole Creek—Sec. 28-15-54 W.

5-11	0.0	6-14	0.0	7-26	0.0	8-24	0.0
5-18	.0	7- 6	.0	8- 2	.0	8-30	.0
5-25	.0	7-12	.0	8- 9	.0	9- 7	.0
6- 8	.0	7-19	.0	8-16	.0		

BROWN PUMP—A-4613

Diverted from Medicine Creek—Sec. 1-4-26 W.

10-23	0.0	5-21	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			BULLOCK CANAL—D-296				
			Diverted from Lodgepole Creek—Sec. 3-13-46 W.				
5-20	0.0	6- 9	0.0	8-11	0.0	9- 9	0.0
5-27	.0	6-16	.0	8-17	.0	9-30	.0
6- 4	.0	8- 4	.0	8-25	.0		
			BULLOCK CANAL—A-437				
			Diverted from Lodgepole Creek—Sec. 4-13-46 W.				
5-20	0.0	6-16	0.0	8-11	0.0	9-21	0.0
5-27	.0	7-28	.0	8-25	.0	9-30	.0
6- 9	.0	8- 4	.0	9- 9	.0		
			BUSHNELL CANAL—A-504				
			Diverted from Lodgepole Creek—Sec. 2-14-58 W.				
5- 3	0.0	5-24	0.0	6-21	0.0	8- 9	0.0
5-17	.0	6- 7	.0	7-26	.0	9- 7	.0
			BUTLER PUMP—A-3252				
			Diverted from Republican River—Sec. 34-1-7 W.				
7- 6	0.0						
			CAPRON CANAL—D-890				
			Diverted from Greenwood Creek—Sec. 15-18-50 W.				
7-20	0.0						
			CHAMPION CANAL—D-47, A-1108				
			Diverted from Frenchman River—Sec. 23-6-40 W.				
10- 5	19.2	4-26	22.3	6- 1	2.1	8-23	13.7
10-26	22.7	5-24	2.0	6-21	18.1	9-20	22.4
			CHAULK CANAL—A-1406				
			Diverted from Trunk Butte Creek—Sec. 25-33-50 W.				
6-21	0.0						
			CHIPPS PUMP—A-3381				
			Diverted from Mud (Beaver) Creek—Sec. 2-14-17 W.				
7-31	0.7						
			CHRISTENSEN CANAL, NORTH—D-367				
			Diverted from Lodgepole Creek—Sec. 7-14-51 W.				
5-18	0.0	7-14	0.0	8- 3	0.0	9- 2	0.0
6- 8	.0	7-20	.0	8-10	.0	9- 8	.0
7- 7	.0	7-27	.0	8-24	.0	9-28	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			CHRISTENSEN CANAL, SOUTH—D-366				
			Diverted from Lodgepole Creek—Sec. 7-14-51 W.				
5-18	0.0	7-14	0.0	8- 2	0.0	9- 2	0.0
6- 8	.0	7-20	.0	8-10	.0	9- 8	.0
7- 7	.0	7-27	.0	8-24	.0	9-28	.0
			CIRCLE PUMP—A-4758				
			Diverted from Niobrara River—Sec. 34-29-51 W.				
10- 8	0.0	5-11	0.0	7- 6	0.0	8-25	0.0
1-15	.0	6-16	.0	7-21	.0	9- 9	.0
4- 5	.0	6-23	.0	7-28	.0	9-21	.0
4-30	.0	6-30	.0	8-11	.0		
			CLEAR CREEK CANAL—D-748				
			Diverted from Clear Creek—Sec. 32-16-41 W.				
			Measurements made at Rating Flume				
7-19	5.7	7-19	4.5	7-20	2.9		
			COFFEE CANAL, EAST—D-512				
			Diverted from Hat Creek—Sec. 26-33-55 W.				
10-10	0.1						
			COFFEE CANAL, WEST—D-512				
			Diverted from Hat Creek—Sec. 26-33-55 W.				
10-10	0.0	5-25	3.1	8-10	0.0	9- 1	0.0
			COFFEE AND SON FLOOD CANAL—A-1236				
			Diverted from Hat Creek—Sec. 14-33-55 W.				
10-10	0.0	5-25	1.4	8-10	0 0	9- 1	0.0
			COFFIN PUMP—A-3251				
			Diverted from Big Blue River—Sec. 2-13-1 W.				
7-30	0.0						
			COLLINS PUMP—A-3091				
			Diverted from Sappa Creek—Sec. 30-1-23 W.				
10-22	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
COOK CANAL NO. 1 (SOUTH)—D-980							
Diverted from Niobrara River—Sec. 2-28-56 W.							
10- 6	1.4	5-12	0.0	6-15	2.2	8-17	0.6
1-14	.0	5-18	.0	6-22	1.1	8-31	.6
4- 6	.0	5-26	2.2	7-13	.0	9-14	2.7
4-29	.0	6- 2	1.1	8- 6	2.0	9-30	2.2
COOPER CANAL, EAST—A-42							
Diverted from White Clay Creek—Sec. 2-31-52 W.							
6- 8	0.0	8-23	0.0				
COOPER SUPPLY CANAL—A-2063							
Diverted from White Clay Creek—Sec. 2-31-52 W.							
6- 8	0.0	8-23	0.0				
CREWS CANAL NO. 1—D-1025R, Petition 241							
Diverted from Republican River, North Fork—Sec. 21-1-41 W.							
4- 6	0.0	6- 4	0.0	9- 7	1.7		
CREWS CANAL NO. 2—A-1709, A-1826							
Diverted from Republican River, North Fork—Sec. 20-1-41 W.							
6- 4	0.9	9- 7	0.0				
CRIGLER CANAL—D-861, A-486							
Diverted from Lawrence Fork Creek—Sec. 1-18-52 W.							
7- 1	0.0						
CROSS CANAL, EAST AND WEST—A-1808							
Diverted from Willow Creek—Sec. 16-19-51 W.							
5-21	0.0						
CRYSTAL LAKE CANAL—A-2286							
Diverted from Spring Creek and Crystal Lake Reservoir Sec. 6-32-55 W.							
11-12	0.0	6-17	0.1	8-10	0.1	9- 1	0.0
5-25	.0						
DAVIS PUMP—A-2953							
Diverted from Big Blue River—Sec. 15-13-1 E.							
7-30	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

DAVISON PUMP—A-1662

Diverted from Niobrara River—Sec. 12-28-54 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10- 8	0.0	5- 5	0.0	8- 6	0.0	9-14	0.0
1-14	.0	5-11	.0	8-17	.0	9-30	.0
4- 6	.0	7-13	.0	8-31	.0		

DICKEY PUMP—A-5579

Diverted from Big Blue River—Sec. 1-11-2 E.

7-28	1.0	7-29	0.0

DICKINSON CANAL—D-967

Diverted from Lodgepole Creek—Sec. 33-14-47 W.

5-20	0.0	6- 4	0.0	7-28	0.0		
5-27	.0	6-16	2.2	8-25	.0		

DICKINSON CANAL—D-969

Diverted from Lodgepole Creek—Sec. 26-14-47 W.

5-12	4.1	6-16	0.0	7- 8	0.0	8-11	0.0
6- 9	.0						

DUNN CANAL—A-649

Diverted from Little Cottonwood Creek—Sec. 9-32-52 W.

8-30	0.0

EARNEST CANAL NO. 1—D-514a

Diverted from Niobrara River—Sec. 9-29-56 W.

10- 6	0.0	5-18	2.2	7-13	0.0	9-14	1.8
1-14	.0	5-26	2.3	7-22	2.2	9-30	3.6
4- 6	.0	6- 2	2.0	8- 6	1.6		
4-29	3.4	6-15	2.2	8-17	1.8		
5-12	4.5	6-22	2.3	8-31	2.6		

EARNEST CANAL NO. 2—D-514b

Diverted from Niobrara River—Sec. 9-29-56 W.

10- 6	0.0	5-12	0.0	6-22	0.0	8-17	0.0
1-14	.0	5-18	.0	7-13	.0	8-31	.0
4- 6	.0	6- 2	.0	7-22	.0	9-14	.0
4-29	5.0	6-15	.0	8- 6	.0	9-30	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			ECKERT CANAL—A-4281				
			Diverted from Pumpkinseed Creek—Sec. 19-19-51 W.				
10- 7	0.0	5-28	0.0	6-30	0.0	8-12	0.0
10-15	.0	6-10	.0	7- 9	.0	8-26	.0
5-13	.0	6-17	.0	7-22	.0	9-24	.0
5-21	.0	6-25	.0	7-30	.0		
			EHRMAN PUMP—A-3859				
			Diverted from Pumpkinseed Creek—Sec. 18-19-53 W.				
10- 1	0.0	5-13	0.0	6-10	0.0	7-15	0.0
10-15	.0	5-21	.0	7- 9	.0		
			ENTERPRISE CANAL PUMP—D-461				
			Diverted from Niobrara River—Sec. 27-29-50 W.				
10- 5	8.9	5-19	5.8	7- 6	0.0	9- 9	0.0
1-15	.0	6- 3	6.2	7-21	.0	9-21	.0
4- 5	.0	6- 7	8.5	7-28	.0		
4-27	.0	6-16	.0	8-11	.0		
5-11	.0	6-23	.0	8-25	.0		
			EXCELSIOR CANAL—D-568, A-2264				
			Diverted from Niobrara River—Sec. 10-28-52 W.				
10- 8	2.2	5-11	4.6	6-16	3.6	8-11	0.0
1-15	.0	5-19	2.6	6-23	3.8	9- 9	.0
4- 7	.0	6- 3	2.1	6-29	.0	9-21	.0
4-30	.0	6- 7	5.4	7-28	1.8		
			FISHER PUMP—A-3128				
			Diverted from Mud (Beaver) Creek—Sec. 34-14-15 W.				
7-29	0.4						
			FOLLETT-KROTTER CANAL—A-705				
			Diverted from Frenchman River—Sec. 35-5-34 W.				
			Measurement made at Rating Flume				
8- 2	1.0						
			FOSTER PUMP—A-5228				
			Diverted from Muddy Creek—Sec. 21-3-36 W.				
10-29	0.3						
			FOSTER PUMP—A-3930				
			Diverted from Mud (Beaver) Creek—Sec. 22-16-19 W.				
7-18	0.6						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			FOX PUMP—A-4740				
			Diverted from White River—Sec. 26-32-52 W.				
4-28	0.0	8-12	0.0	8-24	0.0	9-15	0.0
			FRIES PUMP—A-4522				
			Diverted from Republican River—Sec. 28-1-38 W.				
10-14	0.0	6-29	0.0	9- 7	0.0		
			FT. ROBINSON CANAL—A-4734				
			Diverted from Soldier Creek and Jordan Reservoir—Sec. 12-31-53 W.				
10- 3	1.8	6- 1	0.0	8- 9	0.0		
11-14	.4	6-24	.0	9-20	.0		
			FULLER PUMP—A-3425				
			Diverted from Lodgepole Creek—Sec. 15-14-51 W.				
5-18	0.0	8-10	0.0	9-15	0.0		
			FURMAN CANAL—D-462				
			Diverted from Niobrara River—Sec. 29-29-50 W.				
10- 8	0.1	5-11	0.3	6-30	0.0	8-25	0.1
11-16	.0	6- 3	.1	7- 6	.4	9- 9	4.2
1-15	.0	6- 7	4.6	7-21	.0	9-21	2.5
4- 5	.0	6-16	3.0	7-28	1.2		
4-27	1.9	6-23	3.8	8-11	3.8		
			GALLUP CANAL—D-426				
			Diverted from Chadron Creek—Sec. 15-33-49 W.				
8-23	0.0						
			GARDNER CANAL—A-1647				
			Diverted from Little Cottonwood Creek—Sec. 6-1-15 W.				
10- 9	0.0	4-30	0.0				
			GEORGE CANAL—A-3525				
			Diverted from Lodgepole Creek—Sec. 7-14-51 W.				
5-18	0.0						
			GILES PUMP—A-4673				
			Diverted from Beaver Creek—Sec. 36-2-25 W.				
10-22	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			GILLETTE PUMP—A-4929				
			Diverted from Sappa Creek—Sec. 29-1-23 W.				
10-22	0.0						
			GOCHNAUER CANAL—A-2420				
			Diverted from Big Bordeaux Creek—Sec. 10-33-48 W.				
6-10	0.0	7-27	0.0	9-13	0.0		
			GROTE CANAL—A-3450				
			Diverted from Grote Reservoir and Cedar Creek—Sec. 3-32-56 W.				
9- 1	0.0						
			GRUNTORAD PUMP—A-2816				
			Diverted from Big Blue River—Sec. 18-11-3 E.				
7-29	0.7						
			GRUNTORAD PUMP—A-2440				
			Diverted from Big Blue River—Sec. 20-11-3 E.				
7-28	0.0						
			GRUVER PUMP—A-2910				
			Diverted from Frenchman River—Sec. 5-4-33 W.				
8-20	1.5						
			GUNDERSON CANAL—D-305				
			Diverted from Lodgepole Creek—Sec. 1-14-52 W.				
5-18	0.0	8- 3	0.0	8-24	0.0	9-15	0.0
7-14	.0						
			HAGEMAN CANAL—A-2046				
			Diverted from White River—Sec. 26-33-50 W.				
4-28	0.0	7- 8	1.7	7-20	0.0	8-24	0.0
6- 9	.0	7-15	.0	8-12	.0	9-15	.0
			HAIGLER CANAL—D-1025				
			Diverted from Republican River—Sec. 16-1-43 W.				
			Measurements made at Colorado-Nebraska Line				
10-14	21.1	5- 4	26.9	6-29	16.4	8-26	36.1
10-29	22.0	5-20	18.7	7-12	16.2	9- 7	37.1
4- 6	.0	6- 4	19.1	7-29	25.3	9-21	29.1
4-21	29.8	6-15	20.1	8-10	32.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

HALL CANAL NO. 2—D-478c

Diverted from White River—Sec. 34-32-52 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
12-11	0.0	6- 8	0.0	8-12	0.0		
4-28	.0	7-15	.0	8-24	.0		
5-10	.0	7-20	.0	9-15	.0		

HALL PUMP—D-478cR

Diverted from White River—Sec. 26-32-52 W.

12-11	0.0	5-10	0.0	7-15	0.0	8-24	0.0
4-28	.0	6- 9	.0	7-20	.0	9-15	.0

HALL PUMP—A-2793

Diverted from Mud (Beaver) Creek—Sec. 15-15-18 W.

7-18	0.2

HALL SPRING CANAL—D-550

Diverted from Spring Creek—Sec. 6-32-55 W.

11-12	0.1	6-17	0.0	8-10	0.0	9- 1	0.0
5-25	.0						

HAM PUMP—A-2772

Diverted from Frenchman River—Sec. 22-5-35 W.

8- 2	1.8

HARDING PUMP—A-3632

Diverted from Medicine Creek—Sec. 7-4-25 W.

5-21	0.0

HARRIS-COOPER CANAL—D-464b

Diverted from White River—Sec. 26-32-52 W.

10- 7	5.2	5-10	0.0	7-20	7.2	8-24	7.9
12-11	.0	6- 8	.0	8- 5	.0	9-15	5.4
4-28	.0	7-15	.0	8-12	9.1		

HARRIS-NEECE CANAL—D-517, A-2275

Diverted from Niobrara River—Sec. 3-28-55 W.

10- 6	11.0	5-12	19.0	6-22	8.8	8-31	10.3
11-27	.1	5-18	15.3	7-13	6.1	9-14	10.7
1-14	.0	5-26	12.9	7-22	8.6	9-30	10.4
4- 6	.0	6- 2	12.3	8- 6	.0		
4-29	13.5	6-15	.0	8-17	14.1		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			HARTZELL CANAL—D-448				
			Diverted from Little Bordeaux Creek—Sec. 13-33-48 W.				
6-10	0.0	7-27	0.0	9-13	0.0		
			HASENAUER PUMP—A-4965				
			Diverted from Medicine Creek—Sec. 35-10-31 W.				
8-11	0.5						
			HAT CREEK CANAL, WEST—D-553a				
			Diverted from Hat Creek—Sec. 16-32-55 W.				
10-10	0.0	5-25	0.6				
			HAZELTON CANAL—D-475				
			Diverted from White Clay Creek—Sec. 13-31-52 W.				
8-23	0.0						
			HEARD CANALS NO. 1 AND NO. 2—D-916				
			Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.				
5-13	0.0	6-10	0.0	7- 9	0.0	8-12	0.0
5-21	.0	6-17	.0	7-22	.0	8-26	.0
5-28	.0	6-30	.0	7-30	.0	9-24	.0
			HEIBEL PUMP—A-3009				
			Diverted from Shell Creek—Sec. 22-18-1 E.				
7-24	1.8						
			HEIBEL PUMP—A-3035				
			Diverted from Shell Creek—Sec. 24-18-1 E.				
7-24	0.7						
			HERDE PUMP—A-2642				
			Diverted from Shell Creek—Sec. 34-18-3 E.				
7-28	2.2						
			HERGOTT PUMP—A-4421				
			Diverted from Republican River—Sec. 18-2-19 W.				
4-30	2.5	7- 7	0.0				
			HERPOLSHEIMER PUMP—A-4793, A-5222, A-5811				
			Diverted from Big Blue River—Sec. 23-12-2 E.				
7-28	1.0	7-29	1.3				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

HITSHEW, GEORGE CANAL—A-1260

Diverted from Niobrara River—Sec. 6-28-52 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10- 8	4.3	5-11	3.5	6-16	4.2	8-11	0.0
1-15	.0	5-19	1.7	6-23	.0	8-25	5.1
4- 7	.0	6- 3	.0	6-29	.0	9- 9	2.8
5- 5	4.4	6- 7	.0	7-28	.0	9-21	4.3

HITSHEW PUMP NO. 2—A-4862

Diverted from Niobrara River—Sec. 6-28-52 W.

10- 8	0.0	5- 5	0.0	6-23	0.0	8-25	0.0
1-15	.0	5-11	.0	6-29	.0	9- 9	.0
4- 7	.0	5-19	1.4	8-11	.0	9-21	.0

HOFFMEISTER RESERVOIR CANAL—A-2575

Diverted from Hoffmeister Reservoir and Frenchman River Sec. 30-6-38 W.

5-10	2.0

HOLCOMBE CANAL, EAST—D-636

Diverted from Pawnee Creek—Sec. 13-13-28 W.

Measurements made at Rating Flume

10- 7	2.8	5-24	0.6	7-17	0.8	9-13	0.0
11- 3	.0						

HOLLINGSWORTH CANAL—D-723

Diverted from South Platte River—Sec. 7-13-38 W.

Measurements made at Rating Station

10- 6	4.1	4-21	0.0	6-16	8.9	8-13	1.4
10-14	2.3	4-28	11.2	6-23	4.5	8-20	3.1
10-21	4.1	5- 5	6.2	7- 1	5.5	8-27	2.2
10-27	.0	5-12	1.9	7- 9	3.6	9- 3	1.7
11- 3	.1	5-19	.0	7-16	3.0	9-10	.9
11-17	.0	5-26	1.6	7-23	2.5	9-17	3.0
4- 7	.0	6- 3	6.4	7-30	5.7	9-24	.1
4-14	.0	6- 9	5.2	8- 6	2.9		

HOMRIGHAUSEN CANAL—A-4869

Diverted from Niobrara River—Sec. 9-28-52 W.

10- 8	0.0	5-11	0.0	7-28	0.0	9-21	0.0
1-15	.0	6- 3	.0	8-11	.0		
4- 7	.0	6- 7	.0	8-25	.0		
4-30	.0	6-23	.0	9- 9	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			HOOVER CANAL—D-353				
			Diverted from Lodgepole Creek—Sec. 12-14-59 W.				
5- 3	0.0	5-24	4.7	6-21	2.8	8- 9	0.0
5-17	.0	6- 7	3.3	7-26	.0		
			HOOVER PUMP—D-510R				
			Diverted from Niobrara River—Sec. 21-31-57 W.				
10- 6	0.0	5-12	0.0	7-22	0.0	9-14	0.0
1-14	.0	6-15	.0	8- 6	.0	9-30	.0
4- 6	.0	6-22	.0	8-17	.0		
4-29	.0	7-13	.0	8-31	.0		
			HOPEFUL CANAL—A-2135				
			Diverted from Lawrence Fork Creek—Sec. 1-18-52 W.				
7- 1	0.0						
			HORSE CREEK CANAL—D-159, D-173				
			Diverted from Horse Creek—Sec. 23-1-39 W.				
10-14	0.0	5- 4	0.0	8-10	0.0		
4- 6	2.4	6- 4	.0	9-21	.0		
			HOWARD CANAL—D-336				
			Diverted from Lodgepole Creek—Sec. 31-14-47 W.				
5-12	0.0	7-13	0.0	8-11	0.0	9-16	0.0
5-20	.0	7-21	.0	8-25	.0	9-22	.0
5-27	.0	8- 4	.5	9- 9	.0		
			HOWARD-McCAFFERTY PUMP—A-5115				
			Diverted from White River—Sec. 1-32-51 W.				
7-20	0.9	8-16	0.0	8-24	0.0	9-15	0.0
			HOWARD-RUTTNER CANAL—A-1645				
			Diverted from Lodgepole Creek—Sec. 31-14-47 W.				
5-12	0.0	7-13	0.0	8-25	0.0	9-22	0.0
5-20	.0	7-21	.0	9- 9	.0		
5-27	.0	8-11	.0	9-16	.0		
			HUGHES CANAL—D-987a, D-987b				
			Diverted from Niobrara River—Sec. 1-28-52 W.				
10- 8	0.9	6- 3	0.0	6-29	0.0	9- 9	0.0
1-15	.0	6- 7	.0	7-28	.0	9-21	.0
4- 7	.2	6-16	.0	8-11	.0		
4-30	.0	6-23	.0	8-25	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			HUMPHREYS PUMP—A-4845				
			Diverted from Indian Creek—Sec. 17-2-36 W.				
10-29	0.0						
			ICKES CANAL—D-329				
			Diverted from Lodgepole Creek—Sec. 28-14-50 W.				
5-19	0.0	7-20	0.0	8- 3	0.0	9- 2	0.0
7- 7	.0	7-27	.0	8-24	.0	9- 8	.0
			INDEPENDENT CANAL—D-343				
			Diverted from Lodgepole Creek—Sec. 7-14-58 W.				
5- 3	0.0	6- 7	0.0	7-26	0.0	8- 9	0.0
5-17	.0						
			INMAN CANAL—D-79, A-436				
			Diverted from Frenchman River—Sec. 17-6-40 W.				
			Measurements made at Rating Flume				
5- 3	2.3						
			JAMES CANAL—A-3417				
			Diverted from Soldier Creek—Sec. 5-31-53 W.				
10- 3	2.8	6-24	0.7	8- 9	0.0	9-20	0.0
11-14	3.5						
			JAMES PUMP—A-4732				
			Diverted from Soldier Creek—Sec. 5-31-53 W.				
10- 3	0.0	6-24	0.0	8- 9	0.0	9-20	0.0
11-14	.0						
			JENKINS CANAL—A-924				
			Diverted from Buffalo Creek—Sec. 18-1-40 W.				
10-14	0.1	7-29	2.2	8-26	0.0	9-21	0.0
5- 4	.0						
			JOHNSON CANAL—D-511				
			Diverted from Niobrara River—Sec. 35-31-57 W.				
10- 1	1.5	4-29	0.0	6-22	0.0	8-17	0.0
10- 6	.0	5-12	.0	7-13	.0	8-31	.0
1-14	.0	6- 2	.0	7-22	.0	9-14	.0
4- 6	.0	6-15	5.3	8- 6	4.2	9-30	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			JOHNSON CANAL—A-612				
			Diverted from Lodgepole Creek—Sec. 23-13-45 W.				
10- 6	2.0	5-27	0.0	7-28	1.5	8-25	0.0
10-14	4.8	6- 4	.0	8- 4	1.0	9-16	1.8
5-18	.0	6- 9	4.2	8-11	.5		
5-20	.0	6-15	3.0	8-18	.0		
			JONES CANAL—A-3392				
			Diverted from Lodgepole Creek—Sec. 36-14-49 W.				
5-12	0.0	7- 8	0.0	8-10	0.0	9-15	0.0
5-19	.0	7-14	.0	8-17	.0	9-28	.0
5-27	.0	7-20	.0	8-24	.0		
6- 4	.0	7-27	.0	9- 2	.0		
6-15	.0	8- 4	1.6	9- 8	.0		
			JORDAN, CORNELIUS CANAL—A-841				
			Diverted from Monroe Creek and Jordan Reservoir—Sec. 13-33-56 W.				
11-12	0.0	5-24	0.0	8-10	0.0		
5-13	3.8	6-17	.1	9- 1	.0		
			JORDAN, RICHARD CANAL—A-2032				
			Diverted from Monroe Creek—Sec. 22-33-56 W.				
11-12	0.0	5-13	0.3	5-25	0.2		
			KARPISEK PUMP—A-2495				
			Diverted from Big Blue River—Sec. 20-13-2 E.				
7-29	0.0						
			KEIFER CANAL—A-2167, A-3547				
			Diverted from Republican River—Sec. 21-1-8 W.				
10- 9	0.0						
			KELLY CANAL—D-915				
			Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.				
5-13	0.0	5-28	0.0	6-30	0.0	7-15	0.0
5-21	.0	6-10	.0	7- 9	.0	7-30	.0
			KELSO CANAL—A-2151, A-2279, A-2328, A-3570				
			Diverted from Big Bordeaux Creek—Sec. 14-33-48 W.				
6-10	0.0	7-27	0.0	9-13	0.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
KENT-BURKE CANAL—A-1694							
Diverted from Pawnee Creek—Sec. 18-13-27 W.							
10- 7	0.6	5-24	1.6	7-17	1.4	9-13	0.5
11- 3	.0						
KING CANAL, WEST—A-1440							
Diverted from Lawrence Fork Creek—Sec. 15-18-52 W.							
7- 1	0.0						
KITE CANAL—A-1375, A-1469, A-1470							
Diverted from Monroe Creek and Jordan Reservoir Sec. 13-33-56 W.							
11-12	0.0	5-24	0.0	8-10	0.0		
5-13	.1	6-17	.0	9- 1	.0		
KLUG PUMP—A-2943							
Diverted from Shell Creek—Sec. 13-18-1 E.							
7-24	2.0						
KRIVOHLAVEK PUMP—A-2918							
Diverted from Shell Creek—Sec. 35-18-3 E.							
7-28	0.5						
KROTTER POWER PLANT—A-1021							
Diverted from Frenchman River—Sec. 35-5-34 W.							
4- 2	23.7	5-12	16.6	6-16	17.5	8-23	14.0
4-26	15.9	5-25	11.4	7-19	16.6	9-20	11.5
KRUEGER CANAL NO. 1—D-325							
Diverted from Lodgepole Creek—Sec. 29-14-48 W.							
10- 2	2.8	5-27	0.0	8- 4	0.9	9-22	0.0
10- 6	4.0	6-15	1.5	8-10	.7	9-28	.0
10-14	3 0	7- 8	.2	8-24	.0		
11- 3	2 2	7-20	.7	9- 2	.5		
5-19	.0	7-27	.2	9-15	.0		
KRUEGER CANAL NO. 2—D-324							
Diverted from Lodgepole Creek—Sec. 32-14-48 W.							
5-11	2.7	6-15	1.4	8- 4	0.5	9-22	0.0
5-19	.0	7- 8	1.7	8-10	.1	9-28	.0
5-27	3.2	7-14	.7	8-24	.0		
6- 4	1.1	7-20	3.2	9- 1	2.1		
6- 9	2.4	7-27	2.2	9-15	1.4		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			KRUEGER CANAL NO. 3—D-323				
			Diverted from Lodgepole Creek—Sec. 32-14-48 W.				
5-19	2.7	6- 4	2.8	7-27	0.0	9-15	0.0
5-27	2.8	6-15	2.0	8-24	.0	9-28	.0
			KUSEL CANAL—A-560				
			Diverted from Spring Creek—Sec. 8-32-51 W.				
6- 8	0.0						
			LaBELLE CANAL—D-518, A-60				
			Diverted from Niobrara River—Sec. 6-28-54 W.				
10- 6	4.6	5-12	5.7	6-22	4.3	8-31	3.0
11-27	15.3	5-18	5.7	7-13	.0	9-14	.0
1-14	.1	5-26	4.7	7-22	3.4	9-30	.0
4- 6	7.6	6- 2	3.7	8- 6	7.2		
4-29	.2	6-15	2.5	8-17	4.0		
			LAING CANAL—D-825				
			Diverted from Lawrence Fork Creek—Sec. 28-18-52 W.				
5- 8	1.0	6-12	1.0	7-17	0.9	9- 1	0.0
5-14	.9	7- 1	.6	7-24	.0		
5-22	.9	7-10	.4	8- 7	.0		
			LAKOTAH CANAL—D-554				
			Diverted from Niobrara River—Sec. 1-30-57 W.				
10- 1	1.8	5-12	6.0	7-13	0.0	9-14	1.6
10- 6	3.3	5-18	6.2	7-22	1.9	9-30	4.7
1-14	3.1	6- 2	5.3	8- 6	.0		
4- 6	.0	6-15	.0	8-17	.0		
4-29	5.2	6-22	2.3	8-31	.0		
			LANG PUMP—A-2698, A-3401				
			Diverted from Republican River—Sec. 14-3-27 W.				
9-10	0.0						
			LANG PUMP—A-2445				
			Diverted from Mud (Beaver) Creek—Sec. 13-14-17 W.				
7- 9	0.0	7-16	1.5				
			LARSON PUMP—A-3751				
			Diverted from Mud (Beaver) Creek—Sec. 28-13-15 W.				
7-17	0.8						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

LIBBY CANAL—D-312

Diverted from Lodgepole Creek—Sec. 36-14-47 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
5-20	0.0	7-12	0.0	8-11	0.0	9-16	1.8
5-27	.0	7-21	.0	8-18	.0	9-22	.0
6- 9	.0	7-28	.0	8-25	3.9	9-30	.9
7- 8	.0	8- 4	.0	9- 9	.0		

LIBBY CANAL—D-314

Diverted from Lodgepole Creek—Sec. 36-14-47 W.

5-20	0.0	7-12	0.0	8-11	0.0	9-16	0.0
5-27	.0	7-21	.0	8-18	.0	9-30	.0
6- 9	.0	7-28	.0	8-25	.0		
7- 8	.0	8- 4	.0	9- 9	2.7		

LIBBY CANAL—D-315

Diverted from Lodgepole Creek—Sec. 36-14-47 W.

5-20	0.0	7-12	0.0	8-11	0.0	9-16	0.5
5-27	.0	7-21	.0	8-18	.0	9-30	.0
6- 9	.0	7-28	.0	8-25	1.6		
7- 8	.0	8- 4	.0	9- 9	.9		

LICHTE CANAL—D-479, A-1086, A-1088, A-1152, A-2523, A-2837, A-3592—Diverted from Niobrara River—Sec. 27-29-48 W.

10- 5	8.3	1-18	0.0	6- 7	5.2	7-28	1.5
10-14	4.7	3- 4	.0	6-16	1.3	8-11	1.6
11- 4	8.1	4- 5	.0	6-24	.0	8-25	1.8
11- 9	6.2	4-27	7.3	6-30	.0	9- 9	2.2
11-24	1.2	5-17	8.0	7- 6	.0	9-21	3.4
12- 7	1.0	6- 3	.4	7-21	2.8		

LIENEMAN PUMP—A-4819

Diverted from Beaver Creek—Sec. 31-2-24 W.

10-22	0.0

LIPPINCOTT PUMP—A-4307

Diverted from Prairie Creek—Sec. 26-15-6 W.

8- 4	2.1

LITTLE PUMP—A-3508, A-3609

Diverted from Red Willow Creek—Sec. 2-5-31 W.

8- 4	1.8

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			LOGAN CANAL—D-902				
			Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.				
10- 1	0.0	5-13	0.0	5-28	0.0	6-17	0.0
10-15	1.2	5-21	.0	6-10	.0	6-25	.0
			LOGAN PUMP—A-3038				
			Diverted from White River—Sec. 30-33-49 W.				
4-28	0.0	8-16	0.0	8-24	0.0	9-15	0.0
7-20	.0						
			LUEBBE PUMP—A-5726				
			Diverted from Big Blue River—Sec. 26-12-2 E.				
7-28	1.4						
			LYNGHOLM CANAL—D-337				
			Diverted from Lodgepole Creek—Sec. 14-14-51 W.				
5-18	0.0						
			McAULIFFE CANAL—D-814				
			Diverted from Lodgepole Creek—Sec. 21-13-45 W.				
5-27	0.0	8- 4	0.0	8-11	0.0	9-22	0.0
7-28	.0						
			McAULIFFE CANAL—A-1559				
			Diverted from Lodgepole Creek—Sec. 21-13-45 W.				
7-28	0.0	8- 4	0.0	8-11	0.0	9-22	0.0
			McCARTHY CANAL—D-749				
			Diverted from White Tail Creek—Sec. 36-15-38 W.				
10- 1	0.1	5-27	1.5	7-15	1.0	9- 2	0.0
10- 8	.1	6- 4	.7	7-22	.4	9-16	.0
10-29	.0	6-10	.5	7-29	1.5	9-23	.0
11-13	.0	6-18	2.1	8- 5	1.4	9-30	.0
5- 6	.5	6-24	.8	8-12	1.7		
5-13	.3	6-30	.2	8-19	.0		
5-20	.2	7- 8	.2	8-26	.0		
			McFARLAND CANAL—D-960				
			Diverted from White Clay Creek—Sec. 35-32-52 W.				
			Measurements made at 2-foot weir				
6- 8	0.0	8-23	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			McGINLEY-STOVER CANAL, NORTH—D-513a				
			Diverted from Niobrara River—Sec. 25-29-56 W.				
10- 6	7.6	5-18	0.0	7-13	2.1	9-14	0.0
1-14	.0	5-26	8.7	7-22	.0	9-30	.0
4- 6	.0	6- 2	6.7	8- 6	.0		
4-29	.0	6-15	7.1	8-17	.0		
5-12	.0	6-22	6.8	8-31	.0		
			McGINLEY-STOVER CANAL, SOUTH—D-513b				
			Diverted from Niobrara River—Sec. 25-29-56 W.				
10- 6	0.1	5-18	0.0	7-13	0.0	9-14	0.0
1-14	.0	5-26	5.3	7-22	.0	9-30	.0
4- 6	.0	6- 2	3.0	8- 6	.0		
4-29	.0	6-15	1.8	8-17	.0		
5-12	.0	6-22	1.5	8-31	.0		
			McGINLEY-STOVER CANAL—D-521				
			Diverted from Niobrara River—Sec. 23-29-56 W.				
5-12	0.0						
			McGRAW CANAL NO. 2—A-213				
			Diverted from Victoria Creek—Sec. 1-19-21 W.				
7-27	1.4						
			McKEON PUMP—A-3895				
			Diverted from Mud (Beaver) Creek—Sec. 3-12-15 W.				
7-18	1.0						
			McLAIN CANAL—D-65				
			Diverted from Stinking Water Creek—Sec. 28-7-37 W.				
10- 6	5.3						
			McLAUGHLIN CANAL—D-566				
			Diverted from Niobrara River—Sec. 9-28-52 W.				
10- 8	1.3	5-11	1.6	6-16	3.8	8-11	0.0
1-15	.1	5-19	.6	6-23	4.2	8-25	3.2
4- 7	20.5	6- 3	4.1	6-29	1.9	9- 9	2.2
4-30	1.9	6- 7	3.0	7-28	6.9	9-21	1.3
			McLAUGHLIN CANAL—D-966				
			Diverted from Lodgepole Creek—Sec. 25-14-48 W.				
5-27	0.0	8-11	0.0	9- 9	0.0	9-22	0.0
8- 4	.0	8-25	.0	9-16	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			McNEIL PUMP—A-3494				
			Diverted from Mud (Beaver) Creek—Sec. 29-13-15 W.				
7-29	2.7						
			MACE CANAL—D-428				
			Diverted from West Ash Creek—Sec. 2-31-51 W.				
6-14	0.0						
			MALTESE CROSS CANAL—A-454				
			Diverted from Lodgepole Creek—Sec. 36-15-57 W.				
7- 6	0.0	8- 9	0.0				
			MARTENS PUMP—A-2801				
			Diverted from Big Bordeaux Creek—Sec. 16-34-48 W.				
6-10	0.0	7-27	0.0	9-13	0.0		
			MASTNY PUMP—A-3080				
			Diverted from Shell Creek—Sec. 35-18-3 E.				
7-20	0.7						
			MAYLAND PUMP—A-3222				
			Diverted from Big Blue River—Sec. 26-12-2 E.				
7-28	0.0						
			MAXON PUMP—A-4662				
			Diverted from Farmers Creek—Sec. 32-2-12 W.				
10- 9	0.0	7- 7	0.0				
			MEGLEMRE CANAL—A-294, A-853				
			Diverted from Greenwood Creek—Sec. 3-18-50 W.				
5-14	0.0	7- 3	0.0	7-14	0.0	9- 2	0.0
			METTLEN CANAL—A-292, A-1248				
			Diverted from Niobrara River—Sec. 4-28-54 W.				
10- 6	2.8	5-18	4.8	6-29	0.0	8-31	8.0
1-14	.0	5-26	5.7	7-13	2.4	9-14	.0
4- 6	.1	6- 2	5.8	7-22	1.5	9-30	.0
5- 5	.1	6-15	7.8	8- 6	.0		
5-11	.0	6-22	.0	8-17	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

MEYER PUMP—A-3240
Diverted from Republican River—Sec. 35-1-7 W.

Date	Diversion Sec.-ft.
7- 6	0.0

MEYERS PUMP—A-1042
Diverted from Red Willow Creek—Sec. 8-3-28 W.

Date	Diversion Sec.-ft.
7-23	1.4

MITCHELL CANAL—D-304, A-3526
Diverted from Lodgepole Creek—Sec. 8-14-51 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
5-18	0.0	8- 3	0.0

MONROE CANAL, BIG—D-506, A-2372
Diverted from Monroe Creek—Sec. 33-33-56 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
11-12	1.3	12-10	1.2	5-13	1.5	8-10	0.0
11-25	1.3	1-16	.0	6-17	.9	9- 1	.0

MONTAGUE CANAL—A-575
Diverted from Niobrara River—Sec. 27-29-48 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10- 5	0.1	1-18	0.0	6- 7	0.6	7-28	0.0
10-14	.4	3- 4	.0	6-16	.3	8-11	.0
11- 5	1.2	4- 5	.0	6-24	.0	8-25	.0
11- 9	.7	4-27	.0	6-30	.0	9- 9	.0
11-24	.0	5-17	1.8	7- 6	2.9	9-21	.0
12- 7	.0	6- 3	.8	7-21	.0		

MONTAGUE CANAL PUMP—A-2266
Diverted from Niobrara River—Sec. 28-29-48 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10- 5	0.0	1-18	0.0	6- 7	0.0	7-27	0.0
10-14	.0	3- 4	.0	6-16	.0	8-11	.0
11- 5	.0	4- 5	.0	6-24	.0	8-25	.0
11- 9	.0	4-27	.0	6-30	.0	9- 9	.0
11-24	.0	5-17	.0	7- 6	1.1		
12- 7	.0	6- 3	.0	7-21	.0		

MONTGOMERY CANAL—D-559
Diverted from Sow Belly Creek—Sec. 21-33-55 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
11- 3	0.0	1- 9	0.1	2-27	1.2	5-25	0.2
11-12	.0	2-24	.0	3- 6	1.0	8-10	.0
11-25	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			MOORE CANAL—A-88, A-2245				
			Diverted from Niobrara River—Sec. 9-28-53 W.				
10- 8	3.4	5-11	0.0	6-23	5.6	8-25	0.0
1-15	.0	6- 3	8.0	6-29	5.1	9- 9	5.7
4- 7	.0	6- 7	8.4	7-28	.0	9-21	7.7
5- 5	.0	6-16	.0	8-11	.0		
			MORELAND CANAL—A-2745				
			Diverted from Dry Creek—Sec. 16-34-37 W.				
10-23	1.0	8-18	0.0				
			MORRELL PUMP—A-2629				
			Diverted from Big Blue River—Sec. 13-13-3 W.				
7-30	0.0						
			MORRIS PUMP—A-3232				
			Diverted from Mud (Beaver) Creek—Sec. 9-15-18 W.				
7-15	0.6	7-16	1.0	7-21	1.4		
			MORRIS PUMP—A-3030				
			Diverted from White River—Sec. 26-34-49 W.				
7-20	0.0	8-24	0.0	9-15	0.0		
			MOUSEL PUMP—A-3604				
			Diverted from Medicine Creek—Sec. 31-5-25 W.				
10-23	0.0						
			MOZETER CANAL—D-1014				
			Diverted from Spring Creek—Sec. 13-32-52 W.				
6- 8	0.0						
			MUHLBACH PUMP—A-3407				
			Diverted from Mud (Beaver) Creek—Sec. 12-12-15 W.				
7-17	0.7						
			MUTUAL CANAL—D-843				
			Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.				
10- 1	4.7	5-28	0.0	6-30	2.2	7-30	0.0
10- 7	2.8	6-10	4.1	7- 6	2.7	8-12	.0
10-15	4.9	6-12	5.1	7- 9	2.6	8-26	.0
5-13	.0	6-17	6.3	7-15	.0	9-24	1.2
5-21	.0	6-25	3.7	7-22	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			MYERS PUMP—A-4066				
			Diverted from Republican River—Sec. 34-1-7 W.				
7- 6	0.0						
			NASLUND CANAL—A-661				
			Diverted from Lodgepole Creek—Sec. 1-12-45 W.				
5-20	4.2	6- 9	3.0	7-28	0.0	9- 9	0.0
5-27	4.1	6-16	.0	8-11	.0	9-30	.0
6- 4	.0	7-13	.0	8-18	.0		
			NELSON PUMP—A-1927				
			Diverted from Curtis Creek—Sec. 36-8-28 W.				
10-23	0.8	5-21	0.0				
			NELSON CANAL—D-845				
			Diverted from Greenwood Creek—Sec. 33-18-50 W.				
5-14	6.0	7-14	5.1	8-10	4.1	9- 2	5.6
7- 3	4.5	7-20	4.7	8-21	3.8		
			NELSON PUMP—A-3100				
			Diverted from Mud (Beaver) Creek—Sec. 11-14-17 W.				
7-31	1.7						
			NELSON PUMP—A-4092				
			Diverted from Lost Creek—Sec. 27-17-2 E.				
7-20	0.9						
			NELSON-RADCLIFFE CANAL—D-1034a				
			Diverted from Cedar Creek—Sec. 28-18-48 W.				
9-27	3.4						
			NEUMANN CANAL—A-611, A-1445				
			Diverted from Lodgepole Creek—Sec. 26-13-45 W.				
7-13	0.0	8-18	0.0	9- 9	0.0	9-22	0.0
7-21	.0	8-25	.0	9-16	.0	9-30	.0
8-11	.0						
			NEUMANN CANALS NO. 1 and 2—A-565				
			Diverted from Lodgepole Creek—Sec. 36-13-45 W.				
7-21	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			NIEHUS CANAL—A-550				
			Diverted from Lawrence Fork Creek—Sec. 11-18-52 W.				
5- 8	0.0	7- 1	1.5	7-24	1.4	9- 1	0.6
5-14	.0	7-10	1.5	8- 7	.7	9- 1	1.1
5-22	.0	7-17	1.3	8-21	1.2	9-25	.5
6-12	1.0						
			NUNN CANAL—D-884R				
			Diverted from Pumpkinseed Creek—Sec. 27-19-51 W.				
7-30	0.0	8-12	0.0	8-26	0.0	9-24	0.0
			OASIS (KILPATRICK) CANALS, NORTH and SOUTH				
			Diverted from Snake Creek and Kilpatrick Reservoir—Sec. 6-24-51 W.				
4-28	3.9						
			OBERFELDER CANAL—D-306				
			Diverted from Lodgepole Creek—Sec. 31-14-46 W.				
7- 8	0.0	8- 4	0.0	8-25	0.0	9-30	0.0
7-28	.0	8-11	.0	9- 9	.0		
			OBERFELDER CANAL—D-307				
			Diverted from Springs—Sec. 31-14-46 W.				
7- 8	0.0	7-28	0.0	8-11	0.0	9- 9	0.0
7-21	.0	8- 4	.0	8-25	.0	9-30	.0
			OBERFELDER CANAL—D-333				
			Diverted from Lodgepole Creek—Sec. 31-14-46 W.				
7- 8	0.0	8- 4	0.0	8-25	0.4	9-30	0.0
7-28	.0	8-11	.0	9- 9	.0		
			O'DONNELL CANAL—A-432, A-2036				
			Diverted from Big Bordeaux Creek—Sec. 9-34-48 W.				
6-10	0.0	7-27	0.0	9-13	0.0		
			OEHLRICH PUMP—A-3018				
			Diverted from Lost Creek—Sec. 20-17-2 E.				
7-20	1.5						
			OLSON PUMP—A-3629				
			Diverted from Republican River—Sec. 36-3-20 W.				
10-22	0.0	7- 7	0.0	7-24	2.5		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

PANTENBURG CANAL—A-2113

Diverted from Lodgepole Creek—Sec. 34-14-48 W.

Date	Diversion Sec.-ft.
8-11	0.0

PARKS CANAL—A-1202, A-1444, A-1555

Diverted from Republican River—Sec. 20-1-39 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10-14	0.0	4-21	11.6	6-15	8.7	8-26	5.3
4- 6	.0	5-20	.0	8-10	.0	9-21	.0

PARKS PUMP—A-6318

Diverted from Lodgepole Creek—Sec. 22-13-45 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
7-28	0.0	8- 4	0.0	8-25	0.0	9-22	0.0

PATAK PUMP—A-4630

Diverted from Big Blue River—Sec. 7-11-3 E.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.
7-28	0.0	7-29	0.0	7-30	1.7

PEETZ PUMP—A-2909

Diverted from Lodgepole Creek—Sec. 35-14-49 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
5-12	0.0	7- 8	0.0	7-27	0.0	9- 2	0.0
5-19	.0	7-14	.0	8-10	.0	9- 8	.0
6-15	.0	7-20	.0	8-24	.0	9-28	.0

PERRY PUMP—A-2620

Diverted from Mud (Beaver) Creek—Sec. 3-12-15 W.

Date	Diversion Sec.-ft.
7-15	1.5

PERSINGER CANAL—D-297

Diverted from Lodgepole Creek—Sec. 33-14-46 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
5-20	0.0	6- 9	0.0	8-11	0.0	9- 9	0.0
5-27	.0	6-16	2.0	8-17	.0	9-16	.2
6- 4	.0	8- 4	.0	8-25	.0		

PETERS CANAL—D-913

Diverted from Pumpkinseed Creek—Sec. 2-19-56 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10- 1	0.8	10-21	0.0	5-28	0.0	6-17	0.0
10-15	.0	5-13	.0	6-10	.0	6-25	.0

PETERSON CANAL—A-2006

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

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.
7-21	0.0	8-11	0.0	9-16	0.0

Note Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
PIONEER CANAL—D-442a, A-3812, A-4599, A-4955							
Diverted from Niobrara River—Sec. 36-29-51 W.							
10- 8	5.6	4-30	5.3	6-16	4.9	7-28	4.1
11-16	.0	5-11	8.8	6-23	9.6	8-11	10.3
1-15	.0	5-19	6.8	6-30	.0	8-25	4.6
4- 5	.0	6- 3	6.3	7- 6	.0	9- 9	2.7
4-27	.5	6- 7	8.1	7-21	5.8	9-21	3.7
POLLOCK PUMP—A-4809							
Diverted from Big Blue River—Sec. 34-13-2 E.							
7-29	0.0						
POST PUMP—A-1937, A-2621, A-2622							
Diverted from Turkey Creek—Sec. 8-1-16 W.							
7- 7	4.2	7-21	1.8				
POTMESIL CANAL—A-2566							
Diverted from Niobrara River—Sec. 26-29-48 W.							
10- 5	6.1	4-27	0.0	6-30	11.9	7-28	0.0
10-14	6.2	5-17	.0	7- 6	9.8	8- 9	8.2
11- 5	6.9	6- 3	.0	7- 6	7.3	8-11	7.8
11- 9	.1	6- 9	.0	7- 6	5.8	8-25	5.0
11-24	.0	6-14	.0	7- 7	7.8	9- 9	6.9
12- 7	.0	6-24	12.6	7-21	.0	9-21	6.1
1-18	.0						
PREMIER CANAL—D-340							
Diverted from Lodgepole Creek—Sec. 3-14-58 W.							
5- 4	0.0	6- 7	0.0	7-26	0.0	8- 9	0.0
5-24	.0						
PRIVATE CANAL—D-335							
Diverted from Springs—Sec. 14-13-51 W.							
7- 7	0.0	8- 3	0.0				
PURSEL PUMP—A-4364							
Diverted from Medicine Creek—Sec. 1-7-28 W.							
10-23	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

QUINN CANAL—A-1561
Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
10- 1	0.0	5-28	0.0	6-30	0.6	7-30	0.0
10- 7	.7	6-10	.0	7- 9	1.2	8-12	.0
10-15	.9	6-17	.0	7-15	.0	8-26	.0
5-13	.0	6-25	.0	7-22	.0	9-24	.0
5-21	5.2						

RANDALL CANAL—A-1100
Diverted from Lawrence Fork Creek—Sec. 21-18-52 W.

5- 8	4.4	7- 1	4.5	7-24	4.1	9- 1	3.8
5-14	4.6	7-10	4.0	8- 7	4.6	9- 1	2.7
5-22	4.7	7-17	4.2	8-21	3.6	9-25	3.8
6-12	4.4						

RASHER-FORBES CANAL—A-1128
Diverted from White River—Sec. 19-32-51 W.

10- 7	1.0	5-10	0.0	7-20	0.6	8-24	0.1
4-28	.0	6- 8	.0	8-16	.1	9-15	2.1

RATH PUMP—A-4659
Diverted from Muddy Creek—Sec. 5-2-35 W.

5-20	0.0

REEVES PUMP—A-4932, A-4933
Diverted from Beaver Creek—Sec. 28-34-36 W.

7-12	0.0

REISHER PUMP—A-3221
Diverted from Republican River—Sec. 30-1-38 W.

10-14	0.0	6-29	0.0	9- 7	2.3

REITZ PUMP—A-5129
Diverted from Big Bordeaux Creek—Sec. 3-33-48 W.

7-27	0.0	9-13	0.0

REZNICEK PUMP—A-2479
Diverted from Big Blue River—Sec. 24-13-1 E.

7-28	0.0	7-29	0.4

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
RODGERS CANAL—A-3777, A-3893							
Diverted from Pumpkinseed Creek—Sec. 9-19-54 W.							
10- 1	0.0	5-28	2.6	6-30	0.0	7-30	0.0
10-15	.0	6-10	2.2	7- 9	.0	8-12	.0
5-13	6.2	6-17	.0	7-15	.0	8-26	.0
5-21	2.8	6-25	.0	7-22	.0	9-24	1.0
RODGERS PUMP—A-4448							
Diverted from Pumpkinseed Creek—Sec. 9-19-54 W.							
7-30	0.0	8-12	0.0	8-26	0.0		
ROUND HOUSE ROCK CANAL—D-884							
Diverted from Pumpkinseed Creek—Sec. 28-19-15 W.							
5-13	0.0	6-10	0.0	7-15	0.0	8-26	0.0
5-21	.0	6-30	.0	7-30	.0	9-24	.0
5-28	.0	7- 9	.0	8-12	.0		
RUGGLES PUMP—A-1964							
Diverted from Red Willow Creek—Sec. 36-3-28 W.							
7-23	0.8						
RUNCK PUMP—A-2029							
Diverted from Republican River—Sec. 22-3-20 W.							
7-24	1.2	8-12	2.1				
RUNGE CANAL NO. 1—D-339							
Diverted from Lodgepole Creek—Sec. 20-14-50 W.							
10- 5	1.5	5-10	2.1	6-24	1.9	8-17	0.0
10-14	1.1	5-19	3.0	7- 7	.7	8-24	.1
10-19	3.5	5-25	3.2	7-14	.9	9- 1	.7
10-26	2.8	6- 3	1.5	7-20	2.1	9- 8	.3
11- 3	2.0	6- 8	2.1	8- 3	1.0	9-15	.5
11-17	1.3	6-15	2.0	8-10	.3	9-28	.0
4-27	1.8						
RUNGE CANAL NO. 2—D-338							
Diverted from Lodgepole Creek—Sec. 20-14-50 W.							
7-14	0.0	8-10	0.0	8-24	0.0	9- 8	0.0
7-27	1.0	8-17	.0	9- 1	.0	9-15	.0
8- 3	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			RUNGE PUMP—A-3191, A-3363				
			Diverted from Lodgepole Creek—Sec. 20-14-50 W.				
6- 8	0.0	7-27	2.1	8-17	0.0	9- 8	0.0
7- 7	2.0	8- 3	1.7	8-24	2.3	9-15	.0
7-14	.0	8-10	2.3	9- 2	1.7	9-28	.0
7-20	.0						
			RUSSELL PUMP—A-3319				
			Diverted from Brushy Creek—Sec. 33-8-29 W.				
10-23	0.0						
			RUTTNER CANAL—A-906				
			Diverted from Lodgepole Creek—Sec. 30-14-47 W.				
5-20	0.0	7-13	0.0	8-11	0.0	9-16	0.0
5-27	.0	7-21	1.0	8-25	.0	9-22	.0
6- 9	5.3	8- 4	.0	9- 9	.0	9-30	.0
6-16	4.7						
			SANDERS PUMP—A-2973				
			Diverted from Mud (Beaver) Creek—Sec. 1-13-16 W.				
7-30	0.9						
			SCHILT-MONROE CANAL—D-509				
			Diverted from Monroe Creek—Sec. 27-33-56 W.				
11-12	0.0	5-13	0.3	8-10	0.0		
1-16	.0	5-25	.5	9- 1	.0		
			SCHMECKEL PUMP—A-4911				
			Diverted from Dead Horse Creek—Sec. 32-33-49 W.				
8-16	0.0						
			SCHMELZER PUMP—A-3315				
			Diverted from Medicine Creek—Sec. 8-8-29 W.				
5-21	0.0						
			SCHNELL CANAL—A-3588				
			Diverted from Pumpkinseed Creek—Sec. 1-19-56 W.				
10- 1	0.3	5-13	0.0	5-28	0.0	6-17	0.0
10-15	.7	5-21	.0	6-10	1.2	6-25	1.1
			SCHOMMER PUMP—A-4983				
			Diverted from White River—Sec. 26-34-49 W.				
8-24	0.0	9-15	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			SCHULZ PUMP—A-3205				
			Diverted from Mud (Beaver) Creek—Sec. 7-12-14 W.				
7-17	1.8						
			SCHUMACHER PUMP—A-4720				
			Diverted from White River—Sec. 19-33-30 W.				
4-28	1.0	7-20	0.0	8-24	0.0		
5-10	1.0	8-16	.9	9-15	.0		
			SCOTT CANAL—A-711				
			Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.				
10- 1	0.0	5-13	0.0	5-28	0.0	6-17	1.4
10-15	.0	5-21	.0	6-10	.8	6-25	.0
			SCRIPTER CANAL—A-2288				
			Diverted from Clear Creek—Sec. 32-16-41 W.				
7-19	0.0	7-20	0.0				
			SEARS PUMP—A-2117				
			Diverted from Pumpkinseed Creek—Sec. 25-19-53 W.				
10-15	0.0	5-21	0.0	5-28	0.0	6-10	0.0
5-13	.0						
			SEDLAK PUMP—A-4041				
			Diverted from Big Blue River—Sec. 34-14-1 W.				
7-30	0.6						
			SEEGRIST CANAL—A-1823				
			Diverted from Indian Creek and Renfro Reservoir—Sec. 3-31-50 W.				
6-21	0.0						
			SEVERNS CANAL—A-1856				
			Diverted from Frenchman River—Sec. 9-4-33 W.				
7-28	1.6	8-16	2.4				
			SHEPPARD PUMP—A-2662				
			Diverted from Big Blue River—Sec. 7-13-1 E.				
7-30	0.0						
			SHERBECK PUMP—A-2884				
			Diverted from Mud (Beaver) Creek—Sec. 5-15-18 W.				
7-21	1.4						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.

SIMONS CANAL—A-2363
Diverted from Little Cottonwood Creek—Sec. 9-32-51 W.

4-28	0.0	6- 8	0.0	8-30	0.0		

SKILES PUMP—A-4550
Diverted from Sappa Creek—Sec. 30-1-23 W.

10-22	0.0						

SLATTERY CANAL—A-749, A-2021
Diverted from Dead Horse Creek—Sec. 32-33-49 W.

6-21	0.0	8-16	0.0				

SMITH CANAL—A-850
Diverted from Lodgepole Creek—Sec. 12-12-45 W.

7-13	0.0	8-11	0.0	9-16	0.0		

SMITH-WHEELER CANAL, NORTH AND SOUTH—D-842a, D-842b—Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.

10- 1	0.0	5-21	0.0	6-25	0.0	7-30	0.0
10- 7	.0	5-28	.0	6-30	.0	9-24	1.0
10-15	.0	6-10	.0	7-15	.0		
5-13	.0	6-17	.0	7-22	.0		

SNOW CANAL—D-485
Diverted from Niobrara River—Sec. 35-29-51 W.

10- 8	3.4	5-10	0.0	6-30	0.0	8-25	0.0
11-16	.0	6- 3	.0	7- 6	.0	9- 9	.0
1-15	.0	6- 7	2.6	7-21	.0	9-21	.0
4- 5	.0	6-16	.0	7-28	.0		
4-30	.0	6-23	.0	8-11	.0		

SODERQUIST CANAL—A-1237
Diverted from Lodgepole Creek—Sec. 36-13-45 W.

7-13	0.0	7-21	0.0	8-11	0.0		

SOW BELLY CANAL, OLD—A-533
Diverted from Sow Belly Creek—Sec. 7-32-55 W.

11- 3	2.6	12-10	2.4	3- 6	0.0	5-25	2.1
11-12	2.6	1-23	.0	5- 4	2.3	8-10	.0
11-25	2.3	2-24	.0	5-13	1.9		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			SPRING BRANCH CANAL—D-862, D-893, A-669				
			Diverted from Lawrence Fork Creek—Sec. 11-18-52 W.				
5- 8	0.0	7- 1	3.2	7-24	1.9	9- 1	1.4
5-14	.0	7-10	2.4	8- 7	1.8	9- 1	1.3
5-22	.0	7-17	2.0	8-21	1.5	9-25	2.2
6-12	2.2						
			SPRING CREEK CANAL NO. 1—D-473, A-788				
			Diverted from Spring Creek—Sec. 13-32-52 W.				
6- 8	0.0						
			SPRING CREEK CANAL—D-532, A-3310				
			Diverted from Spring Creek—Sec. 7-32-55 W.				
11-12	0.0	5-25	0.0	8-10	0.0	9- 1	0.0
			SQUAW CREEK CANAL—A-1631				
			Diverted from Squaw Creek Reservoir—Sec. 12-31-52 W.				
6- 8	0.4						
			STEVENS PUMP—A-3480				
			Diverted from Mud (Beaver) Creek—Sec. 35-16-19 W.				
7-14	1.4						
			STRONG PUMP—A-4093				
			Diverted from Big Blue River—Sec. 3-13-2 W.				
7-30	0.0						
			STUART BROTHERS CANAL, NORTH—A-8				
			Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.				
8-30	0.0						
			STUART BROTHERS CANAL, SOUTH—A-8				
			Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.				
8-30	0.0						
			STUART-MAPLE CANAL—A-656				
			Diverted from Little Cottonwood Creek—Sec. 3-32-52 W.				
8-30	0.0						
			STUHT CANAL—A-1659				
			Diverted from Lodgepole Creek—Sec. 32-14-49 W.				
5-19	0.0	7- 7	0.0	8- 3	0.0	8-24	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			SUDMAN CANAL—A-1483				
			Diverted from Lodgepole Creek—Sec. 22-13-45 W.				
6-16	0.0	7-28	1.0	8-25	0.0	9-22	0.0
7- 8	.0	8- 4	.0	9- 9	.0	9-30	1.0
7-21	.0	8-11	.0	9-16	.0		
			SUTHERLAND POWER RETURN—A-2353, A-3601, A-4685				
			Diverted from North and South Platte Rivers—Sec. 16-13-30 W.				
			Measurements made Below Power House				
10-28	1029.0	2- 1	1339.0	2-28	254.0	5-26	529.0
11-27	486.0	2-10	749.0	3- 5	747.0	6-19	1364.0
12-12	970.0	2-10	740.9	3-31	642.0	8-11	1120.0
12-18	1059.0	2-17	754.0	5-12	520.0	9-18	1345.0
1-23	952.0	2-27	250.0	5-19	383.0		
			THOMAS CANAL—A-1748				
			Diverted from Big Bordeaux Creek—Sec. 34-34-48 W.				
6-10	0.0	7-27	0.0	9-13	0.0		
			THORSTENSEN PUMP—A-2569				
			Diverted from Lodgepole Creek—Sec. 7-14-51 W.				
5-18	0.0	7-20	0.0	8-24	0.0	9-28	0.0
7- 7	.0	7-27	.0	9- 2	.0		
7-14	.0	8-10	.0	9- 8	.0		
			TOBIN CANAL—D-330				
			Diverted from Lodgepole Creek—Sec. 28-14-47 W.				
7-13	0.0	7-28	0.0	8-11	0.0		
7-21	.0	8- 4	.0	9- 9	.0		
			TOWNE PUMP—A-3088, A-3197				
			Diverted from Medicine Creek—Sec. 26-8-29 W.				
10-23	0.0	5-21	0.0				
			TRACY CANAL—A-870				
			Diverted from Lodgepole Creek—Sec. 12-14-59 W.				
5- 3	0.0	5-24	0.0	6-21	0.0	8- 9	0.0
5-17	.0	6- 7	1.3	7-26	.0		

Note: Adgate measurement unless otherwise stated

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1953

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
TRAILS END CANAL							
Diverted from Pumpkinseed Creek—Sec. 30-19-52 W.							
10- 1	0.0	5-28	0.0	7- 6	0.1	7-30	0.0
10- 7	2.4	6-10	.0	7- 9	.0	8-12	.0
10- 8	.0	6-17	.0	7-10	.0	8-26	.0
10-15	.0	6-25	.0	7-15	.0	9- 6	.0
5-13	5.6	6-30	.0	7-22	.0	9-24	2.6
5-21	.0						
TRAILS END CANAL, NORTH (DICKEY BROWN)—A-4749, A-4750							
Diverted from Pumpkinseed Creek—Sec. 29-19-52 W.							
10- 1	0.0	5-28	0.0	6-30	0.0	7-30	0.0
10- 7	.0	6-10	2.6	7- 9	.0	8-12	.0
10-15	.0	6-17	.0	7-15	.0	8-26	.0
5-13	.0	6-25	.0	7-22	.0	9-24	.0
5-21	.0						
TRAILS END CANAL PUMP—A-3453							
Diverted from Pumpkinseed Creek—Sec. 29-19-52 W.							
7-30	0.0	8-12	0.0	8-26	0.0	9-24	0.0
TRI-COUNTY CANAL, JOHNSON POWER RETURN—A-2354							
To Platte River—Sec. 2-8-21 W.							
7- 8	50.2	7-15	259.0	7-30	215.0		
7- 8	111.0	7-23	184.0	8-12	45.7		
TRINNIER CANAL—D-849, A-1551							
Diverted from Greenwood Creek—Sec. 28-18-50 W.							
5-14	4.8	7-14	4.2	8-10	4.3	9- 2	3.7
7- 3	4.8	7-20	4.6	8-21	4.0		
TRI-STATE CANAL—D-918, ALLIANCE DRAIN							
To River—Sec. 20-22-53 W.							
10- 1	0.0	6- 9	5.0	7-22	16.4	9- 7	14.5
5- 6	.0	6-17	5.7	7-29	16.4	9-13	8.1
5-13	5.5	6-24	5.6	8- 9	13.8	9-20	8.9
5-20	5.7	7- 1	8.4	8-17	15.6	9-27	7.1
5-27	5.4	7- 8	7.6	8-23	16.0		
6- 3	4.4	7-15	11.1	8-30	12.0		
TROGNITZ CANAL—D-365							
Diverted from Lodgepole Creek—Sec. 36-14-50 W.							
5-19	0.0	9- 2	0.0	9- 8	0.0	9-28	0.0
7- 7	.0						

Note: Headgate measurement unless otherwise stated

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1954

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec-ft.	Date	Discharge Sec.-ft.
			URBACH CANAL—D-308, A-723				
			Diverted from Lodgepole Creek—Sec. 15-14-51 W.				
5-18	0.0	7-14	0.0	8- 3	0.0	8-10	0.0
			VEDSTED PUMP—A-5877				
			Diverted from Big Blue River—Sec. 25-12-2 E.				
7-28	0.0						
			VICTORIA CANAL NO. 1—D-210, D-212, A-1843				
			Diverted from Victoria Creek—Sec. 1-19-21 W.				
8-11	0.0						
			VICTORIA CANAL NO. 2—D-213, A-1845				
			Diverted from Victoria Creek—Sec. 1-19-21 W.				
7-26	2.8	8-11	0.0				
			WAGNER PUMP—A-3912				
			Diverted from Muddy Creek—Sec. 34-15-17 W.				
7-16	1.1						
			WALKER PUMP—A-3037				
			Diverted from Red Willow Creek—Sec. 9-6-31 W.				
8- 4	2.4						
			WARBONNET CANAL—D-548				
			Diverted from Warbonnet Creek—Sec. 21-33-56 W.				
8-10	0.0	9- 1	0.0				
			WARBONNET CANAL NO. 2—A-892				
			Diverted from Warbonnet Creek—Sec. 20-33-56 W.				
8-10	0.0	9- 1	0.0				
			WARNEKE CANAL—D-505				
			Diverted from Niobrara River—Sec. 27-31-57 W.				
5-12	0.0						
			WEARIN CANAL—A-1864				
			Diverted from Lodgepole Creek—Sec. 8-14-58 W.				
			Measurements made at Rating Flume				
5- 3	0.0	6- 7	0.0	7-26	0.0	8- 9	0.0
5-17	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			WERTZ CANAL—A-600				
			Diverted from Lodgepole Creek—Sec. 12-13-46 W.				
8- 4	0.0	8-25	0.0				
			WEST PUMP—A-2802				
			Diverted from Mud (Beaver) Creek—Sec. 23-15-18 W.				
7-15	1.3	7-18	1.0				
			WHITE PUMP—A-2473				
			Diverted from Big Blue River—Sec. 20-13-2 E.				
7-29	0.0						
			WHITE RIVER CANAL—D-477, A-936				
			Diverted from White River—Sec. 34-32-52 W.				
			Measurements made at Rating Flume				
10- 7	4.8	6- 1	0.0	7-15	0.0	8-12	0.0
12-11	.0	6- 8	.8	7-20	.0	8-24	3.7
4-28	5.8	7- 8	1.7	8- 5	.0	9-15	.0
5-10	7.9						
			WICKERSHAM CANAL—A-2204				
			Diverted from Boggy Creek—Sec. 31-33-54 W.				
12-10	0.9	5-25	0.1				
			WICKERSHAM SUPPLY CANAL—A-701, A-2182				
			Diverted from Boggy Creek—Sec. 31-33-54 W.				
5-25	1.1	8-10	0.0				
			WIEDEL PUMP—A-4387				
			Diverted from Republican River—Sec. 19-2-19 W.				
4-30	2.1	7- 7	0.0				
			WIEGAND CANAL—A-563				
			Diverted from Lodgepole Creek—Sec. 17-13-45 W.				
7-13	0.0	7-22	0.0	8-25	0.0	9-16	0.0
			WIEGAND CANAL NO. 2—A-1323				
			Diverted from Lodgepole Creek—Sec. 16-13-45 W.				
5-27	0.0	7-21	0.0	8-17	0.0	9-16	0.0
6-16	.0	7-28	.0	8-25	.0	9-30	.0
7-13	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			WILDS CANAL, NORTH—A-904				
			Diverted from Lodgepole Creek—Sec. 11-13-46 W.				
5-20	0.0	8-11	0.0	8-25	0.0		
			WILLIAMS PUMP—A-3505				
			Diverted from Beaver Creek—Sec. 21-2-23 W.				
10-22	0.0						
			WILLIAMS PUMP—A-3015				
			Diverted from Mud (Beaver) Creek—Sec. 31-16-18 W.				
7-14	0.6						
			WILLOUGHBY PUMP—A-1896				
			Diverted from Mud (Beaver) Creek—Sec. 34-15-17 W.				
7- 9	1.1						
			WILLOW SPRINGS CANAL, EAST—A-651				
			Diverted from Willow Creek—Sec. 16-19-51 W.				
5-21	0.0						
			WILLOW SPRINGS CANAL, WEST—A-650				
			Diverted from Willow Creek—Sec. 16-19-51 W.				
5-21	0.0						
			WILSON PUMP—A-1879				
			Diverted from Mud (Beaver) Creek—Sec. 14-14-17 W.				
7-16	1.4						
			WOLF CANAL—D-813				
			Diverted from Lodgepole Creek—Sec. 18-13-45 W.				
5-20	0.0	6- 9	0.0	8- 4	0.0	9- 9	0.0
5-27	.0	6-16	.0	8-11	.0	9-16	1.9
6- 4	.0	7-28	.0	8-25	.0		
			WOLFE PUMP—A-2771				
			Diverted from Shell Creek—Sec. 28-18-3 E.				
7-24	2.6						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Concluded
Year Ending September 30, 1954

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec-ft.	Date	Diversion Sec.-ft.
			WRIGHT CANAL—A-3864				
			Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.				
10- 1	0.0	6- 5	1.6	6-30	0.0	7-30	0.3
10-15	2.8	6-10	1.2	7- 9	.0	8-12	.0
5-13	5.4	6-17	.0	7-15	.0	8-26	.0
5-21	3.9	6-25	.0	7-22	.0	9-24	.0
5-28	4.2						
			YOUNG CANAL—A-1921				
			Diverted from Brushy Creek—Sec. 33-8-29 W.				
10-23	0.0	5-21	0.0				
			ZIEGLER PUMP—A-2505				
			Diverted from Thompson Creek—Sec. 27-2-13 W.				
10- 9	0.0						
			ZIMMERMAN CANAL—A-532				
			Diverted from Sow Belly Creek—Sec. 34-33-55 W.				
11- 3	0.4	1- 9	1.0	2-27	1.7	5-25	1.3
11-12	.0	1-16	.0	3- 6	1.2	8-10	.0
11-25	.0	1-23	.1	5- 4	.6	9- 1	.0
12-10	.0	2-24	1.3	5-13	.8		

Note: Headgate measurement unless otherwise stated

DAILY CONTENTS OF RESERVOIR ON NORTH PLATTE RIVER AND DAILY DISCHARGES OF PLATTE RIVERS

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SEMINOE RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	896680	816790	748490	694110	652510	620240	563150	559440	592530	769690	713070	656630
2	894530	815110	746400	692350	650690	618630	563020	561480	595460	768550	712770	653350
3	891840	812110	744060	691470	649160	617030	562120	564300	598880	767260	711560	650230
4	889330	809270	741880	691180	647770	615170	561610	567630	603050	767420	710200	647270
5	887360	806610	739550	689270	646380	613590	561360	571210	607490	767910	708690	644580
6	884510	803790	738150	687080	645270	612000	560590	574700	612750	767090	707180	642890
7	881840	800980	737070	684890	645130	611070	559820	577960	619770	765150	705380	640340
8	879540	798680	734910	682710	645130	611070	559060	580560	624510	763210	703870	637000
9	876180	796860	732760	681110	643610	609620	558440	582510	629770	760460	703110	633670
10	873180	793910	730610	680530	642090	608170	557810	583820	634220	758380	701300	630880
11	870370	791620	728160	680530	640860	606470	557810	584470	638530	757420	699540	627830
12	868440	788680	725880	678930	639490	604900	557930	584210	643030	756950	697830	625060
13	865110	785920	724510	677200	638390	603330	557560	583950	648260	755350	695900	623280
14	861780	782990	723590	675330	637890	602030	557430	583560	656060	753450	693680	620140
15	859170	780560	721920	673310	637710	601640	557180	582650	664390	751540	692340	616990
16	856210	778940	720100	671450	636480	600210	556930	581860	673660	749950	691750	613570
17	853430	775880	718140	670600	635380	598660	556420	582260	684630	748360	689820	609780
18	851350	772820	715870	670450	633610	597110	556172	581080	695610	746450	687600	606280
19	849620	769780	713610	668600	631710	595560	556300	579910	706430	745010	685370	603320
20	846860	766800	712100	666900	629530	594010	555420	578610	717370	742650	683000	601440
21	843940	764510	711350	665050	628720	592860	554660	577440	730040	740300	680670	597820
22	841190	762920	709250	663350	628310	591830	553910	576400	741240	738120	678620	593980
23	838460	761910	707150	661650	627100	589900	553150	575750	750740	735460	678620	590010
24	835900	758960	705060	661090	625880	588500	552400	576000	757900	732800	676870	586040
25	834020	755970	704470	661090	624530	586970	552400	576530	763370	729680	674680	582260
26	832320	753290	702980	659820	623190	585570	553150	576790	767740	727350	672350	578870
27	829940	751880	701490	658270	621710	584430	553150	577310	770330	724280	670150	576530
28	827060	749370	700750	656860	620910	583540	553660	578090	772600	720900	667690	572750
29	824360	750160	698680	655450	.....	583160	555420	581340	772760	718500	665540	569040
30	821660	750310	696610	654050	.....	581390	557300	585250	772600	716600	663820	565320
31	819140	.....	694700	653210	.....	580130	.....	589210	.....	714610	660220	.....

KORTES RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4690	4710	4500	4700	4660	4660	4680	4690	4710	4690	4700	4710
2	4520	4560	4670	4670	4670	4710	4680	4700	4700	4670	4700	4720
3	4470	4710	4650	4710	4670	4680	4660	4720	4690	4710	4700	4720
4	4340	4720	4670	4710	4690	4670	4690	4690	4460	4670	4690	4710
5	4690	4720	4690	4700	4700	4660	4690	4690	4510	4710	4700	4730
6	4720	4730	4700	4690	4690	4670	4680	4700	4670	4720	4700	4710
7	4670	4720	4670	4670	4690	4660	4700	4670	4620	4660	4710	4710
8	4330	4720	4700	4690	4610	4670	4700	4660	4680	4340	4710	4710
9	4720	4700	4720	4700	4660	4660	4700	4690	4670	4710	4710	4730
10	4500	4720	4680	4660	4660	4690	4710	4720	4660	4710	4700	4730
11	4610	4720	4700	4660	4700	4680	4700	4670	4670	4670	4700	4720
12	4580	4710	4690	4500	4680	4710	4700	4670	4700	4670	4700	4720
13	4680	4630	4690	4650	4690	4710	4700	4700	4700	4700	4710	4710
14	4720	4690	4680	4630	4660	4660	4660	4690	4710	4690	4700	4720
15	4700	4720	4660	4680	4660	4580	4680	4680	4710	4690	4700	4710
16	4700	4720	4690	4680	4660	4620	4710	4680	4710	4690	4700	4710
17	4700	4720	4720	4670	4670	4670	4700	4690	4710	4700	4720	4700
18	4660	4710	4680	4710	4670	4690	4710	4720	4700	4700	4720	4720
19	4700	4730	4670	4580	4670	4680	4710	4670	4720	4710	4720	4720
20	4700	4710	4690	4670	4700	4670	4700	4710	4630	4720	4720	4710
21	4700	4710	4720	4680	4680	4670	4700	4630	4600	4720	4720	4700
22	4710	4680	4710	4670	4680	4670	4690	4700	4690	4710	4720	4710
23	4700	4710	4690	4670	4670	4670	4730	4700	4710	4720	4720	4700
24	4710	4630	4690	4610	4720	4670	4730	4720	4700	4710	4720	4700
25	4660	4700	4720	4650	4680	4690	4690	4720	4700	4720	4710	4700
26	4690	4710	4720	4630	4690	4700	4690	4700	4680	4720	4710	4700
27	4690	4660	4710	4640	4670	4680	4680	4710	4680	4720	4710	4710
28	4720	4660	4710	4620	4690	4670	4700	4720	4720	4720	4720	4710
29	4700	4600	4680	4660	.....	4670	4700	4720	4710	4720	4700	4700
30	4720	4540	4660	4700	.....	4670	4700	4690	4470	4710	4720	4710
31	4710	.....	4630	4670	.....	4670	.....	4670	.....	4700	4720	.....

PATHFINDER RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	458480	542300	615960	685470	745740	801880	875440	897340	914470	817130	602390	467960
2	460900	544320	619660	687630	748030	803560	878630	899160	911790	809910	596800	462880
3	463710	547280	621520	689130	750320	806170	880430	901190	907470	801880	592110	458010
4	466310	550250	624570	690130	752270	808600	882420	902610	903820	792920	587080	453270
5	467960	552990	626410	692290	754380	810860	884620	904630	899570	783910	583050	448810
6	471390	556010	628250	695120	756360	813330	886410	907270	894500	775660	579170	443840
7	473990	558900	629480	697460	757260	815040	889230	909730	891460	767510	575780	441130
8	477130	561240	631790	699790	758160	816370	891460	911790	893080	759960	572130	440110
9	480390	563580	634240	701950	761040	818460	894500	914670	894100	752800	567910	438880
10	483400	566370	636390	703300	763200	821110	894100	915910	894910	744850	563710	437770
11	486300	568620	639030	703810	765350	823960	892070	917760	896530	737620	559590	436670
12	488400	572270	641540	706020	767330	826620	889840	920640	898960	729990	557250	435340
13	491480	574940	643580	708390	769670	829490	887210	924140	900980	723930	554090	433350
14	495180	577470	644990	711280	770390	832000	885020	926200	903010	717900	550930	432030
15	498510	580320	647340	713660	771470	833730	885420	929310	903620	712810	546610	431700
16	501410	581760	649530	716200	773280	836050	887210	932440	902810	716360	541890	427840
17	504560	585350	652040	717220	775120	838560	889840	934530	898350	699290	538530	423950
18	506830	588660	655050	718400	778780	840880	891870	937660	893080	693290	534410	422010
19	508970	592110	657930	720640	781340	843200	893690	940790	885420	685960	530590	422120
20	511750	594890	660010	722720	784270	845900	895920	942470	897040	679910	527030	422440
21	514720	597540	661620	725660	786110	847640	897740	942880	870850	675500	522710	422870
22	517810	599450	664500	727910	787570	849600	898550	940590	866480	671580	518460	424280
23	520650	600920	667380	730330	789040	852740	899160	938290	862360	665460	512400	427730
24	523100	603860	669950	731720	791240	855290	898150	935570	857450	658090	507960	431140
25	525190	607100	671250	732410	793110	858040	896530	933270	851760	651420	503550	434900
26	528770	610250	673380	734310	795540	860390	894300	931810	845900	644200	499520	437660
27	529010	611750	675340	736390	797590	862550	893490	929930	840300	637930	495180	440000
28	531910	614600	676650	738320	799270	864910	892880	927850	834310	631630	489510	443950
29	534680	614600	679260	740620	.....	866480	893490	925170	828910	623800	483770	447340
30	537180	614600	681880	742560	.....	869850	894500	920640	822820	615810	477610	450850
31	539870	.....	684650	744150	.....	872450	.....	917140	.....	608890	472570	.....

ALCOVA RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	161130	156600	155780	155330	155260	155260	155670	180060	182030	182650	184930	182430
2	158140	156440	155760	155330	155260	155280	155670	180110	181960	182600	184960	182200
3	157080	156440	155720	155330	155240	155300	155670	180080	181820	182580	184860	182550
4	156990	156420	155690	155330	155240	155330	155670	179820	181580	182530	184670	183030
5	156900	156380	155670	155330	155240	155350	155670	180200	181440	182480	184500	183360
6	156930	156350	155650	155330	155240	155370	155670	180580	181340	182390	184350	183530
7	156950	156310	155630	155300	155240	155390	155670	180750	181630	182460	184260	183730
8	156950	156270	155610	155300	155240	155410	155670	181010	181720	182530	184140	183800
9	156950	156240	155590	155300	155240	155430	155670	181150	181820	182480	184020	183800
10	156930	156240	155560	155300	155220	155480	157890	181390	182430	182430	183920	183800
11	156950	156240	155520	155300	155220	155520	161570	181790	183120	182840	183820	183800
12	156930	156240	155500	155300	155220	155560	165430	182130	183360	183360	183680	183820
13	156880	156200	155480	155300	155220	155590	169340	182320	183200	183850	183530	183820
14	156840	156180	155450	155300	155220	155610	173160	182580	182980	184020	183390	183820
15	156840	156160	155430	155300	155220	155630	174830	182670	182740	183750	183240	183800
16	156840	156130	155410	155280	155190	155630	175020	182700	182360	183340	183100	183490
17	156820	156110	155390	155280	155190	155650	175000	182700	181930	183150	182980	182670
18	156820	156090	155390	155280	155190	155650	175000	182740	181910	183100	182860	180580
19	156820	156070	155370	155280	155190	155670	174970	182820	182130	183050	182840	176520
20	156820	156050	155370	155280	155190	155670	174970	182360	183170	183270	182890	173110
21	156790	156020	155350	155280	155190	155670	175840	181820	183730	183460	182930	171980
22	156790	156000	155350	155280	155190	155670	176990	181630	183890	183630	182960	172020
23	156790	155980	155330	155280	155190	155670	177950	181790	183970	183870	182930	171980
24	156750	155960	155330	155280	155190	155670	178660	181960	183820	184230	182890	171750
25	156730	155940	155330	155280	155190	155670	178990	182170	183610	184430	182790	171490
26	156680	155910	155330	155280	155190	155670	179200	182390	183410	184450	182700	171240
27	156680	155870	155330	155280	155220	155670	179390	182410	183270	184550	182700	171010
28	156640	155850	155330	155280	155240	155670	179680	181890	183150	184550	182550	170870
29	156640	155830	155330	155280	.....	155670	179940	181700	182960	184590	182290	170830
30	156620	155800	155330	155260	.....	155670	180030	181840	182790	184570	182220	170830
31	156620	.....	155330	155260	.....	155670	.....	181980	.....	184880	182320	.....

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER,
OUTFLOW OF ALCOVA RESERVOIR
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1571	6	6	6	6	6	6	1052	3020	4804	4408	4079
2	1828	6	6	6	6	6	6	1052	3020	4973	3875	4079
3	670	6	6	6	6	6	6	1052	3020	4992	3412	3807
4	6	6	6	6	6	6	6	1052	3316	4992	3396	3620
5	6	6	6	6	6	6	6	562	3492	4992	3396	3604
6	6	6	6	6	6	6	6	240	3492	5144	3412	3332
7	6	6	6	6	6	6	6	240	1549	5240	3444	2518
8	6	6	6	6	6	6	6	240	194	5240	3476	2137
9	6	6	6	6	6	6	6	240	194	5240	3476	2137
10	6	6	6	6	6	6	6	240	190	5260	3476	2150
11	6	6	6	6	6	6	6	159	190	4462	3508	2150
12	6	6	6	6	6	6	6	112	315	4011	3540	2085
13	6	6	6	6	6	6	6	108	508	4011	3556	1996
14	6	6	6	6	6	6	6	108	508	4028	3572	1996
15	6	6	6	6	6	6	6	105	508	4028	3604	1972
16	6	6	6	6	6	6	6	105	1924	4318	3604	3396
17	6	6	6	6	6	6	6	105	2960	4480	3604	3739
18	6	6	6	6	6	6	6	102	3620	4480	3604	3588
19	6	6	6	6	6	6	6	100	4534	4498	3604	3252
20	6	6	6	6	6	6	6	730	3688	3858	3620	2420
21	6	6	6	6	6	6	6	2150	2975	3476	3637	1769
22	6	6	6	6	6	6	365	2644	2672	3508	3204	924
23	6	6	6	6	6	6	604	2644	2784	4498	3356	232
24	6	6	6	6	6	6	1172	2644	3005	4992	3524	0
25	6	6	6	6	6	6	1924	2644	3316	5011	3773	6
26	6	6	6	6	6	6	1960	2644	3508	5049	3960	6
27	6	6	6	6	6	6	1960	2826	3508	5163	4079	6
28	6	6	6	6	6	6	1948	3020	3508	5240	4113	6
29	6	6	6	6	..	6	1440	3020	3824	5240	3943	6
30	6	6	6	6	..	6	1052	3020	4336	5201	3926	6
31	6		6	6	..	6	.....	3020	.....	4660	3824	
Mean	137	6	6	6	6	6	418	1225	2456	4680	3642	2034
Max.	1828	6	6	6	6	6	1960	3020	4534	5260	4408	4079
Min.	6	6	6	6	6	6	6	100	190	3476	3204	6
A.F.	8404	357	369	369	333	369	24895	75333	146140	287784	223990	121041

Total acre-feet 889384

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER,
INFLOW TO GUERNSEY RESERVOIR
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2765	268	25	184	287	183	279	2758	3917	3376	4743	3968
2	2647	186	176	201	252	206	306	2136	3703	3793	4630	4030
3	2131	238	76	161	233	171	297	1798	3426	4366	4478	3861
4	2261	205	121	205	278	207	349	1686	3215	4663	4217	4075
5	1808	254	126	180	263	216	328	1804	3191	4723	3570	3959
6	1313	209	146	204	227	206	232	1832	3279	4742	3439	3611
7	905	219	176	157	159	231	429	1921	3720	4670	3395	3697
8	677	250	141	180	204	295	357	2128	3772	4828	3389	3429
9	550	161	188	206	142	342	286	1915	3167	4934	3312	3089
10	453	265	308	206	50	373	408	1843	1786	5082	3415	2438
11	503	143	181	227	67	500	286	1783	1036	4923	3238	2319
12	574	266	201	266	173	520	354	1566	794	5054	3372	2285
13	464	225	205	211	115	425	366	1437	849	4455	3287	2174
14	415	221	180	272	164	298	105	1349	554	3826	3357	2068
15	362	228	227	158	208	302	102	1202	364	3841	3351	1935
16	356	171	200	203	225	306	220	1046	398	3904	3356	1891
17	370	262	225	157	202	303	223	917	536	3941	3425	1867
18	339	238	225	216	181	276	296	932	466	4056	3502	2110
19	298	194	265	331	157	311	236	981	1431	4343	3475	3851
20	372	258	224	273	137	201	201	1027	2546	4348	3324	3618
21	318	121	226	294	156	216	149	1111	4072	4270	3408	3472
22	333	121	221	295	156	305	148	985	3714	3986	3352	3025
23	263	329	205	270	138	291	113	1313	3083	3234	3260	2325
24	342	76	227	274	181	214	292	2537	2703	3070	3261	1938
25	296	103	178	274	159	277	762	3056	2513	3667	3349	1453
26	220	118	161	285	184	191	924	3039	2639	4562	3282	784
27	318	101	140	232	202	217	1282	3013	2822	4692	3204	644
28	268	118	135	202	202	162	2250	3095	3190	4749	3267	659
29	225	238	184	245	.....	261	2568	3426	3263	4915	3449	682
30	289	283	159	159	.....	31	3016	4915	3282	5006	3897	516
31	296	.....	134	202	.....	101	.....	4687	.....	4931	3919	.....
Mean	733	202	180	224	182	263	572	2040	2448	4353	3546	2526
Max.	2765	329	308	331	287	520	3016	4915	4072	5082	4743	4075
Min.	220	76	25	157	50	31	102	917	364	3070	3204	516
A.F.	45087	12038	11080	13746	10120	16142	34045	125433	145650	267673	218032	150296

Total acre-feet 1049342

GUERNSEY RESERVOIR STORAGE IN ACRE FEET
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14180	30110	34600	37560	42090	43140	34190	22220	29860	24480	21890	15410
2	16300	30450	34920	37640	42270	43230	32780	25590	30410	23150	25310	15790
3	18280	30780	35040	37640	42410	43320	31270	28270	30190	22990	28120	16250
4	20500	31040	35250	37730	42640	43480	29880	30720	28880	23180	29900	17400
5	21820	31350	35470	37770	42860	43550	28440	33450	27460	23230	30370	18590
6	22140	31550	35730	37860	43000	43640	26750	36240	27080	23120	30070	19360
7	21640	31790	36050	37860	43000	43780	25340	39190	29860	22940	29010	20360
8	20790	32090	36300	37900	43090	44050	23820	42190	34670	23010	27530	21000
9	19930	32380	35850	37990	43050	44410	22170	44550	39490	23330	25740	21000
10	19450	32700	36110	38080	42820	44880	20800	46780	41730	23790	24420	19780
11	19600	32880	36110	38210	42640	45600	19170	48300	42480	24120	25070	18510
12	20220	33140	36150	38420	42640	46340	17680	48630	42730	24780	26700	17210
13	20960	33310	36240	38730	42540	46830	17680	48300	42250	24330	27930	15650
14	21550	33570	36280	38990	42540	47060	14330	47440	40730	22710	27910	13890
15	22060	33880	36410	39030	42640	47300	12470	46040	37860	21240	27720	11840
16	22570	34190	36490	39120	42770	47510	11100	44230	33490	20040	27370	9610
17	23140	34440	36620	39210	42860	47680	9860	41240	28140	19060	27120	7030
18	23770	34610	36750	39300	42910	47800	8735	38100	22220	18370	26920	5140
19	24310	34750	36960	39690	42910	47990	7510	35100	18190	18390	26300	6630
20	24800	35100	37090	39910	42860	47960	6210	31690	18960	18590	25000	7700
21	25340	35310	37220	40170	42860	47960	4790	28210	23090	18680	23750	8440
22	25830	35520	37340	40440	42860	47960	3370	24350	26220	17920	22520	8360
23	26190	35810	37430	40660	42820	47580	1930	21120	27680	15710	21070	7960
24	26700	35850	37560	40890	42860	46730	958	20490	28330	12920	19610	7530
25	27170	35980	37600	41110	42860	45640	1640	20800	28000	11240	18370	6290
26	27570	36110	37600	41330	42910	44230	2600	20960	27150	11420	17060	4200
27	28100	36280	37560	41470	43000	42680	4200	21000	26710	11930	16480	3150
28	28540	36410	37510	41560	43090	40930	7700	21330	26950	12510	16090	3660
29	28900	35350	37560	41730	.....	39410	12110	22340	26860	13610	15900	4980
30	29300	34580	37560	41730	.....	37470	17500	25970	26110	16070	15540	5970
31	29740	...	37510	41820	.....	35640	...	28800	.....	18710	15250	.....

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER, OUTFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1902	81	15	159	151	158	1008	367	3367	4174	3129	3877
2	1571	15	15	161	161	161	1017	428	3401	4447	2898	3826
3	1125	72	15	161	162	126	1044	438	3503	4428	3044	3622
4	1134	74	15	160	162	126	1044	444	3860	4542	3299	3486
5	1143	98	15	160	152	181	1044	416	3894	4680	3316	3350
6	1152	108	15	159	156	161	1071	406	3452	4780	3571	3214
7	1143	98	15	157	159	160	1125	416	2312	4740	3911	3180
8	1098	99	15	160	159	159	1116	600	1330	4780	4120	3095
9	976	15	415	161	162	161	1116	704	725	4760	4192	3078
10	690	104	177	161	166	136	1098	704	624	4840	4066	3044
11	422	52	181	161	158	137	1107	1017	636	4740	2898	2946
12	260	135	181	160	173	147	1098	1400	648	4700	2536	2930
13	91	139	160	55	165	178	1089	1571	1062	4660	2640	2946
14	118	90	160	141	164	182	1062	1769	1300	4620	3350	2946
15	100	72	161	138	158	181	1026	1890	1780	4561	3435	2962
16	91	15	160	158	159	200	910	1950	2580	4504	3520	3010
17	80	136	159	112	157	217	846	2410	3197	4428	3537	3163
18	15	152	159	171	156	216	862	2508	3435	4390	3588	3061
19	15	123	159	134	157	215	854	2480	3452	4318	3775	3095
20	119	82	158	162	162	216	854	2715	2140	4228	3962	3078
21	40	15	160	163	156	216	862	2850	1974	4210	4013	3095
22	78	15	160	159	156	305	862	2914	2114	4354	3962	3061
23	77	183	160	159	158	450	838	2930	2326	4336	3979	2522
24	77	56	161	158	161	630	781	2835	2354	4466	3979	2153
25	52	37	158	163	159	809	416	2882	2655	4504	3962	2075
26	15	52	161	174	159	886	438	2946	3044	4466	3928	1835
27	51	15	160	162	157	990	472	2978	3027	4428	3486	1170
28	46	52	160	157	157	1017	462	2914	3044	4447	3452	400
29	44	772	159	159	.....	1008	345	2898	3282	4345	3537	22
30	59	671	159	159	.....	1008	285	3061	3639	3758	4066	22
31	59	...	159	157	.....	1008	.....	3231	.....	3588	4048	.....
Mean	447	121	132	154	159	379	872	1841	2472	4459	3587	2675
Max.	1902	772	415	174	173	1017	1125	3231	3894	4840	4192	3877
Min.	15	15	15	55	151	126	285	367	624	3588	2536	22
A.F.	27548	7196	8146	9443	8850	23296	51912	113202	147090	274181	220563	159204

Total acre-feet 1050541

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT WYOMING-NEBRASKA STATE LINE
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	770	522	600	514	522	514	330	294	762	842	1020	949
2	738	514	720	514	498	506	338	169	786	976	1060	895
3	722	506	674	514	514	482	330	115	778	1120	794	922
4	722	498	586	506	530	506	338	229	754	1080	746	895
5	706	498	538	506	514	498	345	375	826	1100	770	859
6	690	506	506	498	498	498	338	330	1000	1080	762	834
7	698	522	498	490	482	506	338	268	1560	1060	818	794
8	690	530	506	490	514	530	345	254	1180	1020	886	754
9	650	530	514	514	514	522	345	242	722	1030	967	754
10	610	538	498	554	498	538	330	235	610	1050	1030	738
11	578	530	506	562	466	538	330	163	546	1120	1180	746
12	578	546	610	554	506	522	338	127	482	1120	754	730
13	610	538	626	530	506	522	345	211	435	1110	554	706
14	642	554	634	506	506	498	330	294	420	1110	428	706
15	650	586	610	450	506	506	322	274	498	1050	730	682
16	674	554	578	480	498	514	360	261	538	1050	834	618
17	650	554	602	498	466	514	330	274	618	1090	886	602
18	642	522	578	538	514	498	322	375	690	1080	834	690
19	618	554	530	562	522	514	315	650	826	1160	826	722
20	570	562	522	562	460	522	308	610	922	1100	810	738
21	562	578	538	530	480	530	315	602	698	976	834	690
22	578	546	546	530	520	538	315	682	435	913	877	658
23	570	522	538	530	506	538	315	794	330	1010	859	666
24	570	498	522	546	490	435	315	868	405	1010	895	634
25	578	514	490	538	458	375	315	842	420	1100	877	554
26	554	514	490	538	474	375	315	778	466	1110	826	498
27	522	554	490	530	506	360	315	730	626	1150	868	498
28	490	594	490	530	514	375	315	738	794	1130	859	530
29	498	610	498	530	.....	368	322	754	786	1250	859	546
30	506	520	506	522	.....	360	322	714	786	1230	730	586
31	514		506	530	.....	330		722		1000	834	
Mean	618	537	550	522	499	478	328	451	690	1072	839	706
Max.	770	610	720	562	530	538	360	868	1560	1250	1180	949
Min.	490	498	490	450	458	330	308	115	330	842	428	498
A.F.	37980	31960	33820	32120	27730	29420	19520	27720	41060	65900	51580	42040

Total acre-feet 440850

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
PASSING TRI-STATE DAM
Water Year Ending September 30, 1953

Day	Apr.	May	June	July	Aug.	Sept.
1	330	26	2	4	67	10
2	330	21	2	5	230	5
3	328	19	1	6	34	4
4	342	19	1	5	15	14
5	356	18	1	5	8	41
6	363	18	7	4	4	9
7	356	18	640	4	3	4
8	356	16	974	4	3	4
9	363	12	495	4	15	4
10	370	11	276	4	17	4
11	335	14	182	15	434	4
12	307	8	109	21	580	4
13	314	4	26	6	307	4
14	307	4	19	5	25	3
15	288	4	29	5	17	4
16	264	4	10	18	15	3
17	240	4	7	58	13	2
18	235	4	6	34	11	2
19	235	4	15	106	10	2
20	235	4	402	67	9	3
21	225	3	80	9	9	3
22	215	3	12	7	9	3
23	182	3	8	7	9	3
24	166	3	5	8	9	2
25	150	3	5	9	9	1
26	144	3	5	44	7	1
27	158	2	5	106	40	1
28	87	3	6	48	92	1
29	35	3	5	162	25	3
30	27	2	5	186	3	78
31	.....	2		51	3	.....
Mean	255	8	111	33	66	8
Max.	370	26	974	186	580	78
Min.	27	2	1	4	3	1
A.F.	15160	520	6620	2020	4030	450

Total acre-feet 28800

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER AT MITCHELL
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	942	870	890	668	744	657	531	482	178	213	402	266
2	1020	870	1010	678	711	641	536	478	172	189	700	286
3	1080	870	922	689	711	606	526	501	156	245	496	314
4	1180	870	828	711	716	651	526	511	161	262	356	311
5	1270	852	794	728	706	689	526	506	192	300	333	344
6	1220	846	777	728	684	706	526	496	283	272	322	364
7	1180	864	760	738	673	722	536	424	1630	207	294	356
8	1270	870	755	755	695	728	551	337	2140	216	258	325
9	1240	870	755	782	700	716	561	238	1450	213	255	297
10	1200	876	738	828	689	711	571	222	1010	207	316	300
11	1150	864	733	834	668	711	566	225	804	255	1100	314
12	1130	876	810	834	689	706	556	294	678	304	1420	314
13	1130	870	858	822	695	689	561	341	455	276	1030	308
14	1220	864	870	794	700	684	551	235	322	269	461	283
15	1220	883	883	673	716	695	546	175	487	238	406	276
16	1240	846	864	673	706	733	606	181	297	238	455	262
17	1230	858	864	695	695	750	596	186	255	280	541	258
18	1220	828	870	755	716	738	581	238	186	262	464	272
19	1180	822	840	828	689	744	556	352	297	290	393	294
20	1110	828	828	834	546	738	541	333	834	333	352	300
21	1060	852	870	804	551	738	526	252	716	290	344	300
22	1060	840	876	760	621	738	506	222	526	248	377	308
23	1030	816	876	772	641	733	501	248	455	235	377	300
24	1010	788	846	782	631	684	501	252	446	213	356	286
25	980	794	755	777	611	591	487	245	428	198	297	272
26	942	744	722	766	616	571	487	195	372	201	348	280
27	909	733	689	760	636	556	478	178	325	245	258	352
28	883	728	689	728	657	546	478	175	393	229	322	496
29	864	722	673	750	.....	541	496	170	341	266	311	511
30	858	738	668	744	.....	541	511	161	276	478	255	621
31	864	.....	657	733	.....	541	.....	164	.....	511	290	.....
Mean	1093	832	805	756	672	671	534	291	542	264	448	326
Max.	1270	883	1010	834	744	750	606	511	2140	511	1420	621
Min.	858	722	657	668	546	541	478	161	156	189	255	258
A.F.	67220	49490	49530	46460	37320	41250	31780	17880	32260	16230	27550	19380

Total acre-feet 436350

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR MINATARE
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1350	1300	1140	1120	999	958	742	731	180	401	833	450
2	1460	1300	1290	1100	993	946	761	716	178	336	1000	470
3	1510	1300	1340	1120	972	891	742	728	163	300	1060	476
4	1590	1280	1260	1110	974	901	732	745	141	316	825	519
5	1730	1260	1200	1100	974	969	732	735	128	352	719	543
6	1730	1240	1150	1060	942	991	734	723	206	356	634	573
7	1680	1240	1120	1050	936	985	736	690	2460	295	512	599
8	1670	1240	1090	1040	929	1010	766	634	3380	250	468	583
9	1600	1240	1070	1050	959	1010	783	540	2180	237	493	552
10	1550	1240	1050	1080	929	993	802	476	1630	244	470	561
11	1470	1250	1040	1100	920	991	815	443	1290	288	907	550
12	1480	1220	1070	1120	923	999	797	386	1100	312	1300	533
13	1460	1240	1170	1110	921	997	783	379	967	325	1190	527
14	1580	1190	1180	1100	927	977	767	398	927	275	902	512
15	1630	1200	1200	989	958	952	746	385	1070	259	704	477
16	1600	1190	1190	997	964	968	748	352	715	277	713	469
17	1600	1220	1170	974	954	975	784	359	578	363	766	448
18	1580	1220	1170	1020	989	946	775	374	445	369	741	457
19	1570	1200	1130	1120	978	943	757	460	478	346	648	464
20	1540	1220	1120	1170	883	941	743	478	1010	371	576	462
21	1520	1250	1150	1160	851	939	744	429	931	373	529	486
22	1500	1250	1160	1130	888	935	728	331	809	345	512	483
23	1500	1220	1160	1110	937	937	726	289	797	305	567	475
24	1510	1180	1150	1100	926	918	699	306	724	275	551	486
25	1490	1170	1120	1110	914	878	692	310	690	263	495	497
26	1460	1120	1100	1080	901	841	688	260	634	265	454	503
27	1410	1090	1100	1060	908	812	688	225	593	295	435	527
28	1380	1060	1100	1030	924	784	688	207	622	307	415	613
29	1360	1070	1110	1010	.....	775	717	194	612	395	414	701
30	1340	1080	1110	1010	.....	766	761	185	485	944	413	866
31	1320	.....	1120	996	.....	757	.....	180	.....	844	449	.....
Mean	1522	1209	1146	1075	938	925	746	440	871	351	668	529
Max.	1730	1300	1340	1170	999	1010	815	745	3380	944	1300	866
Min.	1320	1060	1040	974	851	757	688	180	128	237	413	448
A.F.	93560	71960	70470	66100	52110	56900	44380	27070	51810	21590	41050	31460

Total acre-feet 628460

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR BRIDGEPORT
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1870	1610	1470	1440	1380	1400	1040	980	230	501	1610	751
2	2010	1650	1580	1400	1360	1380	1100	930	224	377	1620	706
3	2090	1630	1630	1430	1340	1300	1080	938	224	316	1670	759
4	2120	1600	1560	1470	1340	1260	1040	981	215	313	1480	823
5	2100	1560	1460	1500	1340	1340	1040	992	222	357	1330	888
6	2230	1560	1500	1480	1300	1430	1070	947	256	391	1160	955
7	2230	1550	1500	1490	1280	1440	1110	901	1120	344	997	966
8	2180	1560	1500	1480	1240	1440	1100	888	3460	304	852	986
9	2180	1580	1500	1440	1280	1440	1140	845	2800	300	838	937
10	2130	1600	1500	1480	1270	1420	1170	746	2010	270	823	936
11	2080	1630	1650	1500	1340	1400	1200	699	1550	292	1080	935
12	2080	1670	1650	1480	1370	1340	1160	710	1230	307	1420	928
13	2060	1720	1650	1430	1420	1280	1110	707	981	338	1530	936
14	2040	1680	1650	1410	1440	1190	1070	658	849	314	1240	944
15	2180	1680	1650	1370	1500	1110	1020	666	1150	264	979	894
16	2190	1680	1790	1320	1480	1150	971	623	877	324	1160	837
17	2160	1740	1820	1380	1430	1180	1020	615	636	574	1190	798
18	2200	1770	1860	1390	1440	1170	1080	645	509	639	1160	856
19	2180	1700	1730	1400	1440	1160	1060	661	537	652	1220	853
20	2140	1660	1640	1520	1000	1190	1010	671	1270	653	1100	855
21	2040	1640	1640	1540	728	1210	1030	659	1440	626	1030	846
22	1950	1660	1640	1500	1020	1230	996	611	1330	602	979	849
23	1910	1600	1670	1430	1310	1240	1020	515	1290	524	1120	829
24	1890	1570	1670	1380	1480	1240	993	492	1140	445	1120	741
25	1880	1560	1630	1410	1320	1200	956	502	1020	434	1090	729
26	1880	1480	1570	1430	1320	1150	944	468	895	420	1010	746
27	1860	1410	1500	1440	1310	1140	932	413	829	426	967	768
28	1840	1390	1530	1420	1360	1100	912	345	809	430	885	826
29	1790	1460	1480	1400	.....	1100	989	307	809	562	847	1010
30	1720	1500	1470	1400	.....	1070	1040	270	689	1460	823	1130
31	1630	.....	1430	1410	.....	1050	.....	253	.....	1800	823	.....
Mean	2027	1603	1597	1438	1316	1250	1047	660	1020	502	1134	867
Max.	2230	1770	1860	1540	1500	1440	1200	992	3460	1800	1670	1130
Min.	1630	1390	1430	1320	728	1050	912	253	215	264	823	706
A.F.	124640	95400	98220	88400	73070	76860	62290	40930	60700	30860	69720	51600

Total acre-feet 872690

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR LISCO
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1630	1960	1590	1740	1430	1600	1240	1190	255	639	1630	813
2	1840	1940	1600	1710	1420	1600	1300	1150	280	508	1540	777
3	1920	1940	1700	1650	1420	1550	1220	1140	225	416	1660	801
4	1990	1940	1800	1730	1490	1580	1210	1150	195	359	1660	849
5	2060	1980	1810	1710	1520	1600	1190	1140	225	323	1510	898
6	2180	1980	1840	1680	1440	1620	1210	1140	388	340	1360	911
7	2220	2010	1880	1660	1440	1600	1550	1120	477	332	1190	976
8	2200	2030	1880	1680	1440	1570	1360	1110	1720	332	1060	1000
9	2200	2010	1950	1660	1400	1570	1310	1070	3050	314	911	1000
10	2110	1960	1940	1680	1300	1550	1270	924	2250	289	898	950
11	2100	1890	1950	1700	1220	1540	1250	777	1620	332	963	963
12	2100	1890	1930	1680	1400	1460	1310	742	1300	340	1180	937
13	2110	1890	1940	1660	1500	1460	1220	754	1080	323	1540	924
14	2150	1880	1990	1650	1540	1460	1140	708	950	314	1490	950
15	2150	1880	2010	1500	1520	1400	1100	708	885	280	1340	989
16	2270	1960	1980	1310	1520	1420	1070	765	1150	264	1140	924
17	2220	2060	1940	1300	1550	1480	1080	754	849	416	1360	911
18	2180	2060	1890	1520	1550	1430	1140	789	662	573	1300	898
19	2150	2040	1880	1820	1430	1420	1150	742	628	639	1780	898
20	2110	2040	1810	2130	960	1420	1100	708	1030	650	1460	861
21	2080	2060	1740	1900	1150	1400	1140	719	1540	617	1240	885
22	2080	2060	1660	1450	1400	1360	1110	696	1540	595	1110	898
23	2110	2040	1650	1440	1530	1340	1100	650	1360	540	1240	873
24	2150	1960	1630	1510	1740	1320	1180	573	1300	456	1270	789
25	2100	1550	1620	1570	1860	1300	989	519	1160	426	1190	754
26	2080	1510	1580	1550	1680	1370	950	519	1000	435	1110	801
27	2110	1300	1580	1520	1560	1370	976	530	873	617	1060	825
28	2060	1350	1680	1490	1600	1310	1000	446	765	530	1060	861
29	2040	1450	1500	1480	.....	1270	1240	340	765	628	963	849
30	2030	1490	1400	1430	.....	1240	1320	314	777	2580	924	1110
31	1960	.....	1500	1430	.....	1220	.....	264	.....	1840	873	.....
Mean	2087	1870	1769	1611	1465	1446	1181	779	1010	556	1258	896
Max.	2270	2060	2010	2130	1860	1620	1550	1190	3050	2580	1780	1110
Min.	1630	1300	1400	1300	960	1220	950	264	195	264	873	754
A.F.	128310	111290	108790	99050	81340	88920	70260	47900	60100	34210	77380	53310

Total acre-feet 960860

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR OSHKOSH
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1480	1970	1780	1660	1500	1260	1190	1290	272	678	1840	965
2	1700	1970	1850	1690	1500	1060	1320	1150	307	612	1690	890
3	1810	1910	1870	1650	1590	1360	1320	1110	248	574	1690	817
4	1850	1850	1960	1790	1560	1650	1220	1120	204	404	1720	848
5	1870	1830	2000	1870	1560	2010	1200	1120	208	344	1600	910
6	1990	1810	1940	1850	1520	1830	1260	1150	418	330	1350	1000
7	2110	1760	1960	1550	1480	1680	1650	1120	750	337	1170	1020
8	2090	1740	1960	1920	1450	1650	1560	1060	812	336	998	1050
9	2010	1760	1950	2040	1360	1630	1390	950	2770	345	835	1000
10	2010	1740	1840	2050	1250	1610	1320	860	2950	321	875	942
11	1970	1740	1840	2090	1530	1570	1290	831	2000	314	920	907
12	1990	1760	1880	1900	1610	1500	1290	831	1490	346	1010	876
13	1990	1800	1850	1740	1340	1500	1260	802	1170	303	1330	890
14	2090	1800	1860	1700	1530	1500	1220	846	964	282	1590	934
15	2220	1780	2020	1100	1600	1410	1140	788	794	244	1490	962
16	2360	1740	2020	1150	1550	1390	1120	860	876	239	1320	920
17	2380	1890	1990	1200	1580	1450	1190	803	838	304	1300	846
18	2360	1970	1870	1350	1350	1380	1310	803	661	415	1320	817
19	2320	2010	1670	1810	978	1340	1380	816	564	513	1660	800
20	2240	1930	1720	2100	850	1310	1290	773	684	520	1560	754
21	2110	1870	1680	2300	800	1270	1170	730	1130	486	1180	769
22	2110	1830	1680	2000	950	1240	1170	744	1560	454	1080	798
23	2220	1810	1610	1590	1200	1220	1190	744	1410	453	1240	766
24	2220	1740	1400	1470	1520	1200	1260	730	1300	390	1280	696
25	2200	1780	1300	1590	2020	1270	1070	688	1160	313	1220	613
26	2150	1500	1350	1660	2290	1340	980	634	1030	312	1230	627
27	2130	1370	1400	1720	1960	1260	995	534	906	540	1190	656
28	2010	1420	1440	1630	1690	1200	1010	547	801	606	1190	710
29	2010	1600	1570	1630	.....	1220	1340	476	754	871	1150	739
30	2030	1750	1620	1590	.....	1260	1500	424	695	2010	1060	870
31	1950	.....	1650	1560	.....	1240	.....	356	.....	2030	1080	.....
Mean	2064	1781	1759	1708	1469	1413	1254	829	991	523	1296	846
Max.	2380	2010	2020	2300	2290	2010	1650	1290	2950	2030	1840	1050
Min.	1480	1370	1300	1100	800	1060	980	356	204	239	835	613
A.F.	126900	105980	108160	105020	81560	86900	74590	50960	58960	32180	79670	50360

Total acre-feet 961240

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR LEWELLEN
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1490	2010	1160	1900	1760	2010	1360	1520	309	616	2010	805
2	1600	1990	1540	1950	1750	1530	1410	1390	276	525	1790	759
3	1800	1980	2030	1840	1750	1580	1410	1360	262	503	1710	695
4	1930	1980	2350	1800	1730	2000	1370	1310	215	406	1780	721
5	2000	2010	2510	1950	1740	2360	1330	1300	213	328	1770	763
6	2100	1990	2580	1890	1730	2290	1310	1290	335	320	1540	839
7	2240	1960	2520	1710	1720	1940	1830	1250	608	356	1390	883
8	2240	1980	2530	1680	1720	1890	1970	1190	643	330	1230	901
9	2220	1980	2440	2090	1710	1870	1670	1110	1870	330	1100	924
10	2210	1990	2350	1980	1080	1850	1550	1050	3100	308	980	934
11	2150	2000	2210	1950	1390	1820	1510	981	2250	293	1020	902
12	2090	2010	2190	1920	1430	1740	1490	940	1730	293	1000	905
13	2060	2010	2030	1820	1700	1690	1450	836	1420	279	1220	917
14	2150	2010	2020	1680	1730	1680	1370	849	1160	249	1520	917
15	2190	2010	2090	732	1840	1590	1320	809	982	230	1580	933
16	2220	2000	2160	524	1840	1540	1290	917	961	235	1420	944
17	2250	2190	2110	662	1800	1500	1300	978	1100	268	1240	918
18	2240	2190	2030	864	1680	1460	1350	865	871	317	1380	869
19	2190	2140	1870	1100	1640	1440	1390	890	749	446	1680	860
20	2180	2060	1860	1440	670	1440	1350	868	715	506	1890	828
21	2160	2000	1860	1760	620	1470	1310	859	978	501	1440	815
22	2150	2020	1830	2350	551	1470	1300	852	1390	489	1230	791
23	2120	1980	1840	2260	973	1490	1280	828	1320	501	1310	781
24	2100	1870	1680	1980	1425	1490	1420	775	1200	475	1310	771
25	2100	1730	1320	1940	2140	1460	1270	633	1120	421	1280	727
26	2110	1080	1150	1890	2740	1530	1170	541	998	363	1200	687
27	2120	749	1050	1880	2840	1500	1140	530	859	539	1140	697
28	2140	711	1450	1860	2540	1460	1120	531	784	589	1070	706
29	2130	778	1830	1840	.....	1420	1430	444	703	1070	1000	703
30	2140	964	1920	1830	.....	1410	1680	380	677	1030	922	740
31	2050	.....	1940	1820	.....	1460	.....	355	.....	2520	904	.....
Mean	2093	1812	1950	1706	1651	1657	1405	917	993	504	1357	821
Max.	2250	2190	2580	2350	2840	2360	1970	1520	3100	2520	2010	944
Min.	1490	711	1050	524	551	1410	1120	355	213	230	904	687
A. F.	128670	107850	119900	104910	91700	101910	83600	56390	59100	31010	83420	48860

Total acre-feet 1017320

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET—Sec. 3-14-38 W
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1512100	1520200	1559000	1624000	1699100	1747000	1798600	1826100	1835400	1759000	1547800	1453200
2	1509400	1520200	1561800	1624000	1702000	1750000	1801600	1826100	1835400	1756000	1545000	1447800
3	1509400	1520200	1564100	1626900	1702000	1753000	1801600	1829200	1832300	1747000	1539400	1455200
4	1506700	1522900	1564100	1629800	1702000	1756000	1801600	1829200	1829200	1741000	1536600	1437200
5	1506700	1522900	1567400	1632600	1705000	1756000	1801600	1832300	1826100	1735000	1531000	1432000
6	1506700	1522900	1570200	1635400	1705000	1759000	1801600	1832300	1820000	1726000	1528300	1426600
7	1506700	1522900	1573000	1635400	1708000	1762000	1804700	1832300	1820000	1720000	1522900	1424000
8	1506700	1522900	1575800	1638300	1711000	1765000	1807800	1832300	1816900	1711000	1520200	1421400
9	1506700	1522900	1578600	1641200	1711000	1768000	1807800	1835400	1813800	1705000	1514800	1418800
10	1506700	1522900	1581400	1644000	1714000	1771200	1810800	1835400	1813800	1696000	1512100	1413600
11	1509400	1525600	1584200	1646900	1714000	1771200	1810800	1835400	1816900	1690400	1509400	1411000
12	1509400	1525600	1587000	1649800	1714000	1774200	1810800	1835400	1816900	1681700	1504000	1408400
13	1509400	1528300	1589800	1652700	1717000	1774200	1810800	1832300	1816900	1673000	1498600	1403200
14	1512100	1528300	1589800	1652700	1717000	1777200	1810800	1832300	1813800	1664300	1493200	1400600
15	1512100	1531000	1592700	1655600	1720000	1777200	1810800	1832300	1810800	1658500	1493200	1398000
16	1512100	1533800	1595600	1655600	1720000	1780300	1810800	1835400	1807800	1649800	1490500	1395400
17	1512100	1536600	1598400	1655700	1723000	1780300	1813800	1835400	1804700	1644000	1487800	1392800
18	1514800	1539400	1601200	1658500	1726000	1783400	1813800	1838500	1801600	1635400	1485100	1390200
19	1514800	1542200	1604100	1658500	1726000	1783400	1813800	1838500	1798600	1629800	1485100	1387600
20	1514800	1545000	1604100	1661400	1729000	1786400	1813800	1841600	1798600	1621200	1485100	1385000
21	1514800	1547800	1607000	1667200	1729000	1786400	1813800	1841600	1792500	1612600	1482400	1382400
22	1514800	1550600	1609800	1673000	1729000	1789400	1813800	1841600	1792500	1607000	1479700	1379800
23	1517500	1553400	1612600	1675900	1729000	1789400	1816900	1841600	1789400	1601200	1477000	1377200
24	1517500	1556200	1612600	1678800	1729000	1789400	1816900	1841600	1786400	1595600	1477000	1374600
25	1517500	1559000	1615500	1681700	1732000	1789400	1820000	1841600	1786400	1587000	1474400	1372000
26	1517500	1559000	1615500	1684600	1735000	1792500	1820000	1841600	1780300	1578600	1471700	1369500
27	1517500	1559000	1615500	1687500	1738000	1792500	1820000	1841600	1777200	1573000	1469000	1364500
28	1517500	1559000	1618400	1690400	1741000	1792500	1820000	1841600	1774200	1567400	1466400	1362000
29	1520200	1559000	1618400	1690400	.....	1795600	1823000	1841600	1771200	1561800	1463800	1359500
30	1520200	1559000	1621200	1693300	.....	1795600	1823000	1838500	1765000	1556200	1461100	1357000
31	1520200	.....	1621200	1696200	.....	1798600	.....	1838500	.....	1550600	1455800	.....

SUTHERLAND RESERVOIR SYSTEM
Combined Storage in Sutherland and Regulator Reservoirs
Live Storage for Power in Acre-feet—Township 13 N., Ranges 30 and 33 W.
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	32138	55024	60757	66170	62102	52970	51427	65134	30132	45652	44449	40532
2	31484	56108	60715	66262	62276	52842	50987	65665	29328	45770	44271	39929
3	30286	57255	60776	66447	61795	53162	51136	65261	28370	45928	44067	39243
4	29696	58116	60322	66686	61795	53311	51465	65210	28436	45755	43668	38893
5	29806	59492	61560	66993	61745	53738	52235	64812	28643	45959	43437	38658
6	30068	60559	61683	66877	61834	54469	52480	64661	29618	45928	43014	38182
7	30111	61578	62213	66970	61774	54633	53140	64571	30378	45872	42725	38273
8	31717	62345	62514	66693	61859	54807	53713	64542	32879	46122	43899	38133
9	32011	62848	62930	67247	61889	55047	54399	64245	33984	46071	44266	38043
10	32755	64382	63194	67708	61800	55074	55650	63895	35377	47017	43923	38372
11	33171	65161	63761	68129	61211	55238	56425	63336	37575	47993	43827	38021
12	34129	65439	64088	68671	61266	55205	57256	62464	38987	48452	43851	38652
13	34997	65705	64414	69035	61008	55774	58258	60544	40249	48383	44416	38622
14	35194	66018	64711	69462	61033	55429	59287	58979	42258	48401	44976	38468
15	36103	66711	64834	67585	61579	55205	59807	57141	43279	48512	45163	38379
16	36828	66646	65191	66335	61439	55287	60010	55796	44365	48579	45367	38247
17	37973	66425	65606	65617	61385	55451	60346	53616	45462	48122	45321	38005
18	38704	66744	65992	65342	61270	55449	60409	52985	46896	47749	45351	37915
19	40017	66741	66110	64663	61507	52659	60905	51878	47192	47502	45057	37912
20	40724	67008	66408	63519	60545	55080	61336	50552	47973	46737	44299	37933
21	41809	67103	66942	63073	59729	55027	62043	49185	48508	46625	43952	37800
22	43159	67090	67128	62479	56477	54599	62449	46886	49162	46532	43183	37581
23	44406	65655	67051	62416	54987	54571	62826	44431	49289	46311	43687	37334
24	45850	63933	67144	62594	53594	54344	63891	43075	48546	46081	43543	37530
25	46699	63554	67057	62420	52783	53835	63895	40459	48878	45910	43738	37592
26	47701	62831	66862	62594	51916	53060	63985	38687	47786	45349	43761	37458
27	48637	63111	66478	62386	51953	53064	63893	36155	47362	45559	43437	37850
28	49524	62122	66509	62123	52288	52824	64191	34895	47168	45118	43220	38321
29	51108	60964	66293	61648	.....	52415	63775	33416	47076	45432	42738	38368
30	52724	60945	66232	62039	.....	51919	64307	32434	45978	45102	42136	38503
31	53399	.....	66170	62013	.....	51700	.....	31118	.....	44941	41581	.....

Note: For total live storage add 8100 acre-feet

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR KEYSTONE
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	463	8	4	2	2	3	3	62	388	1380	2080	1090
2	430	8	4	2	2	2	3	171	610	1510	2160	1240
3	403	10	4	2	2	2	3	266	565	1640	2140	1220
4	321	11	5	2	2	2	3	313	605	1610	2150	1120
5	288	12	4	2	26	2	3	309	555	1960	2100	924
6	170	7	32	2	3	2	3	259	505	2400	1950	888
7	5	6	4	2	2	2	4	262	595	2400	1530	888
8	8	6	9	2	2	2	8	266	510	2330	1310	900
9	7	6	5	2	2	2	6	326	485	2090	1330	834
10	7	5	6	2	6	2	4	397	388	2040	1310	650
11	7	5	5	2	2	2	3	402	317	2020	1290	495
12	7	4	3	2	2	1	4	412	370	2020	1180	510
13	7	6	3	1	1	2	6	407	313	2130	1030	525
14	8	6	3	1	1	38	74	412	277	2130	990	436
15	26	10	3	2	2	7	34	412	305	2000	996	330
16	8	6	2	1	2	3	6	412	289	2010	840	339
17	7	7	2	1	1	3	3	407	293	2030	690	339
18	11	10	2	1	2	15	2	407	352	1990	728	277
19	7	6	2	1	3	3	3	407	475	1990	716	266
20	7	5	2	1	329	22	2	407	313	1950	700	241
21	7	5	2	1	206	19	2	407	370	2010	711	221
22	7	5	2	1	10	4	2	416	374	1890	744	155
23	6	4	2	1	3	52	2	421	393	1990	772	185
24	10	4	2	1	2	11	70	426	412	1980	744	179
25	14	5	2	2	1	3	63	426	565	1990	706	176
26	10	6	2	2	1	3	14	421	738	2010	665	185
27	11	4	2	2	2	2	8	431	760	2010	655	173
28	7	4	2	2	2	2	8	256	948	2030	728	250
29	11	4	2	2	..	2	9	460	1130	2020	846	215
30	31	4	2	2	..	3	27	374	1310	2020	948	199
31	7	..	2	2	..	4	..	266	.....	2040	1020	.....
Mean	75	6	4	2	22	7	13	355	517	1988	1154	515
Max.	463	12	32	2	329	52	74	460	1310	2400	2160	1240
Min.	5	4	2	1	1	1	2	62	277	1380	655	155
A.F.	4600	380	250	100	1230	440	760	21860	30760	122200	70930	30640

Total acre-feet 284150

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
NEAR SUTHERLAND
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	346	130	136	170	144	250	144	89	46	860	1620	718
2	264	120	145	170	144	247	138	78	103	880	1640	790
3	230	126	163	170	139	280	128	130	250	967	1720	912
4	220	123	170	160	144	247	121	246	219	1080	1740	934
5	210	120	170	140	175	225	118	306	262	1050	1740	800
6	195	109	174	130	195	236	116	275	388	1150	1720	575
7	162	116	187	140	185	210	177	219	517	1880	1600	552
8	102	130	184	170	175	210	238	208	575	2250	1260	568
9	58	148	180	190	134	205	215	190	433	2270	989	582
10	30	157	180	195	110	195	190	201	393	2140	945	531
11	30	170	180	166	120	185	174	246	330	1880	923	360
12	35	166	180	152	130	170	161	270	242	1810	901	222
13	32	162	150	148	140	166	152	292	150	1750	800	226
14	19	157	130	139	150	170	150	306	155	1770	628	226
15	17	157	157	106	150	166	171	306	125	1940	605	194
16	30	152	148	100	160	162	171	320	82	1810	628	138
17	48	166	126	129	170	144	147	340	59	1770	433	114
18	48	190	120	162	157	126	144	325	51	1810	320	114
19	48	185	125	191	112	139	123	315	52	1740	335	101
20	80	180	135	198	100	152	62	297	116	1670	320	85
21	116	175	140	204	120	139	50	219	114	1640	288	70
22	102	165	130	200	160	148	50	168	84	1670	340	67
23	92	150	110	187	223	144	50	187	77	1740	629	64
24	92	140	90	185	194	162	95	187	53	1670	1210	52
25	109	120	80	170	174	152	75	184	56	1700	636	48
26	109	100	90	157	185	134	97	123	159	1700	457	47
27	109	90	100	152	206	126	93	85	315	1770	427	47
28	116	110	130	144	239	109	70	93	371	1740	393	46
29	116	124	150	144	.....	106	99	87	524	1680	463	46
30	120	132	160	139	.....	109	130	73	709	1720	568	43
31	139	.....	170	139	.....	170	.....	64	.....	1680	668	.....
Mean	110	142	145	160	158	174	128	207	234	1651	869	309
Max.	346	190	187	204	239	280	238	340	709	2270	1740	934
Min.	17	90	80	100	100	106	50	64	46	860	288	43
A.F.	6790	8470	8910	9810	8800	10680	7630	12750	13900	101530	53430	18390

Total acre-feet 261110

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
NEAR NORTH PLATTE
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	822	358	386	390	442	635	421	472	160	850	1690	841
2	616	372	386	379	442	510	414	393	190	960	1690	880
3	518	379	407	385	393	650	393	472	270	1040	1750	971
4	495	372	418	385	400	675	365	495	339	1170	1860	1070
5	458	365	418	372	435	738	346	558	379	1270	1920	1090
6	458	365	410	332	465	666	332	550	590	1280	1960	971
7	465	358	414	312	428	526	393	518	950	1540	1920	841
8	414	372	429	335	407	526	542	480	940	2080	1770	803
9	332	393	425	368	379	526	534	465	784	2370	1330	803
10	313	379	407	382	272	526	472	465	658	2400	1130	812
11	306	386	412	390	278	510	458	502	607	2310	1110	720
12	306	400	434	390	351	465	450	488	495	2070	1120	502
13	313	407	406	417	379	428	414	495	442	1980	1110	428
14	320	393	346	384	390	472	379	502	407	1910	930	458
15	365	393	394	304	394	400	346	518	332	1910	822	465
16	346	407	454	291	381	407	372	574	288	2010	870	400
17	326	428	444	253	396	400	365	641	246	1920	812	379
18	320	458	400	283	408	386	346	598	224	1890	590	400
19	320	442	356	401	370	372	339	518	224	1870	558	365
20	306	442	386	450	200	372	306	488	288	1800	574	346
21	320	435	389	528	156	365	294	442	326	1800	566	386
22	339	428	345	516	226	358	270	400	300	1740	558	386
23	346	421	293	445	304	358	270	393	306	1770	711	288
23	346	421	265	424	644	332	326	414	270	1750	1320	234
25	339	400	265	421	775	358	379	386	224	1710	1150	212
26	346	350	268	414	614	358	320	320	202	1740	860	212
27	346	266	283	428	645	358	300	270	332	1750	729	224
28	352	328	298	414	698	365	282	276	414	1740	711	218
29	352	357	378	428	.....	372	332	264	488	1720	693	212
30	352	377	420	421	.....	372	550	218	624	1750	738	207
31	352	.....	396	421	.....	407	.....	196	.....	1740	765	.....
Mean	384	388	378	389	417	458	377	444	410	1737	1107	537
Max.	822	458	454	528	775	738	550	641	950	2400	1960	1090
Min.	306	266	265	253	156	332	270	196	160	850	558	207
A.F.	23620	23110	23270	23930	23150	28150	22430	27310	24390	106800	68070	31980

Total acre-feet 426210

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER
NEAR JULESBURG, COLORADO
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	65	105	246	309	345	556	233	381	43	232	31	49
2	63	107	275	328	341	482	224	353	39	141	28	43
3	65	107	287	348	336	439	217	353	37	74	31	37
4	63	110	303	359	330	415	235	349	32	52	70	44
5	57	114	329	352	341	415	232	350	33	43	71	49
6	58	115	351	356	338	431	228	361	46	40	85	49
7	79	126	359	315	333	410	258	351	85	36	74	44
8	107	131	362	339	325	406	279	325	125	36	59	44
9	145	131	361	350	325	406	286	308	107	35	57	41
10	165	132	348	385	320	394	308	290	89	33	49	37
11	138	135	342	408	331	373	356	278	78	32	38	36
12	139	177	349	424	332	355	396	250	64	35	35	39
13	147	223	367	419	342	345	421	211	61	32	34	38
14	162	243	358	400	317	342	416	198	62	29	28	38
15	175	259	374	169	319	336	414	171	55	29	31	38
16	150	272	358	207	314	336	480	157	45	31	28	31
17	121	299	353	318	315	323	604	145	43	32	31	31
18	114	310	306	439	315	298	664	139	40	29	53	39
19	119	329	312	509	291	283	693	135	38	29	197	46
20	117	330	323	416	215	260	688	106	36	33	139	36
21	117	335	332	495	195	249	681	96	36	34	97	35
22	114	333	335	563	197	237	664	91	37	29	79	33
23	112	326	323	491	214	242	582	77	38	25	103	29
24	112	327	335	449	241	237	505	71	38	24	88	24
25	113	337	336	429	313	245	442	68	35	25	74	26
26	115	226	199	413	346	229	384	59	37	27	69	32
27	111	162	171	397	455	216	342	56	33	27	63	37
28	111	167	167	375	576	214	311	56	31	37	63	41
29	111	176	193	362	.....	215	386	55	36	66	62	48
30	114	207	233	356	.....	210	424	53	30	43	67	41
31	113	.....	262	350	.....	236	.....	48	.....	30	58	.....
Mean	113	212	308	382	320	327	412	192	503	45	64	38
Max.	175	337	374	563	576	556	693	381	125	232	197	49
Min.	57	105	167	169	195	210	217	48	30	24	28	24
A.F.	6930	12600	18940	23460	17780	20100	24500	11780	2990	2780	3950	2290

Total acre-feet 148100

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER NEAR PAXTON
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	27	7	8	6	10	14	22	16	6	5	2	5
2	22	7	8	10	9	14	14	16	7	4	2	4
3	20	7	8	25	9	13	12	15	8	4	2	4
4	22	7	8	18	15	12	11	14	10	3	2	4
5	18	7	7	10	16	15	11	12	29	3	3	4
6	22	7	7	9	11	16	11	10	32	3	3	4
7	44	6	7	9	10	16	12	10	42	5	2	4
8	43	6	7	10	10	14	12	10	18	6	2	4
9	24	5	7	8	8	14	11	10	11	6	2	4
10	17	5	7	8	7	14	10	9	10	6	2	4
11	14	5	7	9	8	12	10	8	10	6	2	3
12	12	5	7	8	8	12	10	8	8	6	2	3
13	10	4	7	8	8	11	10	8	8	6	2	3
14	9	4	7	7	10	10	11	8	8	5	2	3
15	8	5	7	6	10	10	14	8	7	4	3	3
16	8	7	7	7	8	14	11	8	6	4	3	3
17	8	8	7	9	9	16	10	8	6	4	3	3
18	8	10	6	9	9	15	15	8	7	4	3	3
19	8	10	6	9	6	15	11	7	7	4	3	3
20	8	9	6	10	5	14	10	7	9	4	3	4
21	8	10	6	9	5	16	10	7	8	4	4	4
22	8	9	6	8	8	13	10	7	10	4	3	3
23	8	9	6	8	11	11	10	7	8	4	8	3
24	8	9	5	8	12	11	12	7	7	3	14	3
25	8	9	5	8	12	14	11	8	6	3	8	3
26	8	8	5	8	14	12	10	8	6	3	7	3
27	8	8	6	8	14	12	10	7	6	3	6	3
28	7	8	7	8	14	10	10	7	5	3	6	3
29	7	8	7	9	.....	8	14	6	5	3	6	3
30	7	8	6	10	.....	8	16	6	.....	3	5	3
31	7	.....	6	10	.....	18	.....	6	5	2	5	.....
Mean	14	7	7	9	10	13	12	9	10	4	4	3
Max.	44	10	8	25	16	18	22	16	42	6	14	5
Min.	7	4	5	6	5	8	10	6	5	2	2	3
A.F.	860	430	410	570	550	800	700	550	620	250	240	200

Total acre-feet 6180

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER NEAR NORTH PLATTE
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	112	128	108	137	144	182	146	169	128	99	90	120
2	116	126	137	144	144	144	148	163	148	89	93	112
3	122	126	132	144	146	166	146	171	139	97	96	114
4	122	126	137	144	142	161	130	169	126	90	101	124
5	128	126	151	151	146	176	126	153	124	84	120	118
6	132	128	148	148	151	179	124	142	166	99	114	116
7	139	130	148	146	153	176	130	148	207	124	105	116
8	139	132	148	148	146	174	153	148	217	132	103	110
9	144	130	148	148	146	174	158	142	201	142	105	112
10	139	135	148	151	137	174	163	144	182	144	96	124
11	139	135	146	153	135	169	158	156	166	144	92	124
12	139	135	146	156	137	166	158	169	153	148	90	110
13	135	130	146	156	137	163	151	171	146	144	87	108
14	137	126	146	148	142	161	148	158	144	132	82	105
15	139	124	142	89	153	151	144	158	142	124	79	112
16	137	126	144	100	148	151	144	161	135	116	96	106
17	139	130	153	130	144	148	142	182	130	112	101	99
18	148	132	156	150	146	148	142	182	118	120	97	87
19	151	135	161	170	135	146	137	169	112	112	97	105
20	146	137	156	169	110	146	142	142	112	106	103	105
21	146	135	161	163	100	144	142	132	112	99	103	105
22	144	135	166	161	131	139	139	144	114	81	106	114
23	142	135	161	158	107	142	137	146	112	90	120	116
24	142	135	148	158	218	137	146	137	106	90	153	112
25	139	130	142	158	227	135	137	139	105	90	201	114
26	135	99	128	156	264	137	130	151	105	90	179	118
27	132	89	128	156	180	135	132	144	103	90	156	120
28	130	87	135	153	187	132	132	137	103	90	142	132
29	130	87	135	153	.....	128	144	135	104	90	137	128
30	135	92	138	144	.....	124	169	128	101	90	132	128
31	130	.....	137	144	.....	146	.....	126	.....	90	130	.....
Mean	136	124	145	148	152	153	143	152	135	108	113	114
Max.	151	137	166	170	264	182	169	182	217	148	201	132
Min.	112	87	108	89	100	124	124	126	101	81	79	87
A.F.	8350	7380	8890	9100	8440	9430	8520	9350	8050	6640	6950	6770

Total acre-feet 97870

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND SOUTH PLATTE RIVERS NEAR NORTH PLATTE
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1860	1410	1410	1340	1600	1760	1590	1670	1400	2310	3520	2660
2	1950	1400	1310	1330	1710	1610	1560	1640	1500	2540	3310	2570
3	1900	1430	1360	1350	1580	1880	1480	1670	1600	2580	3510	2750
4	1860	1370	1330	1330	1580	1860	1430	1520	1640	2820	3620	2840
5	1850	1390	1370	1350	1630	1940	1370	1510	1540	2910	3710	2820
6	1820	1380	1380	1350	1650	1820	1490	1560	1820	3060	3590	2610
7	1800	1330	1340	1400	1600	1710	1520	1540	2070	3370	3350	2530
8	1780	1400	1380	1370	1500	1670	1670	1490	2080	3780	3110	2530
9	1680	1320	1380	1380	1580	1720	1670	1490	1890	3990	2830	2480
10	1670	1400	1320	1390	1420	1750	1600	1400	1860	4020	2790	2490
11	1620	1340	1330	1370	1440	1720	1570	1530	1830	3840	2570	2250
12	1610	1330	1360	1390	1570	1670	1520	1550	1620	3700	2490	2120
13	1610	1310	1410	1450	1510	1540	1540	1540	1540	3790	2350	1900
14	1090	1290	1300	1450	1570	1670	1490	1560	1510	3590	2230	2120
15	1550	1300	1410	1320	1500	1560	1460	1560	1540	3590	2210	2030
16	1540	1300	1390	1310	1590	1590	1540	1590	1460	3680	2360	2060
17	1530	1360	1380	1320	1600	1580	1470	1620	1420	3720	2320	2090
18	1570	1370	1390	1320	1550	1590	1470	1660	1490	3760	2070	2000
19	1510	1340	1320	1580	1570	1530	1410	1550	1460	3620	2050	1870
20	1560	1340	1310	1660	1410	1460	1400	1440	1510	3490	2150	1900
21	1530	1310	1300	1760	1210	1480	1420	1490	1480	3570	2210	2090
22	1520	1320	1390	1740	1250	1470	1410	1530	1560	3500	2120	2010
23	1510	1340	1310	1750	1280	1520	1450	1560	1750	3540	2260	1940
24	1500	1360	1280	1730	1740	1460	1540	1510	1820	3520	2950	1790
25	1450	1440	1320	1650	1880	1540	1630	1530	1740	3490	2560	1730
26	1470	1380	1310	1750	1730	1450	1490	1370	1820	3370	2600	1740
27	1460	1260	1300	1740	1670	1480	1500	1240	1970	3520	2420	1700
28	1430	1400	1290	1730	1840	1500	1510	1340	2080	3500	2330	1890
29	1400	1470	1400	1730	.....	1510	1570	1470	2160	3480	2440	1770
30	1410	1370	1370	1720	.....	1570	1790	1380	2330	3510	2510	1770
31	1370	.....	1370	1660	.....	1600	.....	1330	.....	3480	2620	.....
Mean	1594	1359	1349	1507	1563	1620	1519	1511	1716	3440	2683	2168
Max.	1950	1470	1410	1760	1880	1940	1790	1670	2330	4020	3710	2840
Min.	1370	1260	1280	1310	1210	1450	1370	1240	1400	2310	2050	1700
A.F.	98000	80850	82950	92670	86800	99590	90370	92900	102130	211520	164950	129020

Total acre-feet 1331750

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR BRADY
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	127	126	172	316	184	342	154	200	119	305	1230	473
2	125	125	200	309	177	347	154	192	135	301	1270	480
3	126	126	205	320	177	592	154	203	125	455	1240	422
4	126	127	205	333	175	410	152	195	116	550	1320	511
5	127	126	195	324	171	367	150	186	118	689	1440	664
6	130	126	203	347	171	319	149	174	138	882	1430	665
7	129	125	227	439	164	288	162	159	169	990	1330	468
8	131	127	206	520	160	260	185	153	219	1300	1040	416
9	126	128	189	410	164	245	189	150	227	1560	858	423
10	125	122	178	383	155	251	186	166	178	1730	711	343
11	119	133	186	346	149	227	176	161	148	1670	720	340
12	108	129	179	302	156	216	169	150	136	1640	491	227
13	106	129	170	277	157	207	159	146	117	1650	331	185
14	111	128	168	259	168	221	161	148	112	1620	212	109
15	108	128	190	260	184	205	155	147	104	1500	208	160
16	107	127	210	273	232	186	150	144	96	1480	236	131
17	107	135	208	452	332	179	152	146	93	1570	297	136
18	106	136	192	492	269	170	156	154	85	1510	280	153
19	107	134	181	483	212	166	149	151	86	1420	222	146
20	109	135	195	633	195	165	145	143	81	1390	199	112
21	111	132	204	471	170	162	144	136	79	1310	219	112
22	114	142	205	405	225	158	144	130	90	1300	237	215
23	114	147	208	351	310	153	142	127	88	1230	191	227
24	168	115	186	364	424	154	160	130	89	1230	278	140
25	134	107	206	304	484	151	156	120	157	1220	773	121
26	130	98	317	304	483	151	147	112	136	1220	560	115
27	125	100	494	242	433	147	139	113	135	1210	596	111
28	124	105	476	236	366	146	135	126	169	1250	452	108
29	124	122	350	237	.....	145	214	144	208	1240	359	142
30	124	153	332	213	.....	145	198	196	252	1240	399	109
31	124	.....	323	203	.....	152	.....	133	.....	1260	457	.....
Mean	121	126	231	349	237	227	160	153	134	1223	632	265
Max.	168	153	494	633	484	592	214	203	252	1730	1440	665
Min.	106	98	168	203	149	145	135	112	79	301	191	108
A.F.	7440	7520	14200	21440	13180	13940	9490	9390	7940	75220	38850	15800

Total acre-feet 234410

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR COZAD
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	170	296	495	301	387	247	286	95	11	17	12
2	12	192	320	494	310	374	274	275	84	12	18	28
3	12	170	366	488	292	342	259	299	78	12	20	79
4	12	167	401	501	301	363	255	301	62	45	18	42
5	13	174	412	451	306	454	243	282	49	13	40	39
6	20	184	325	432	292	514	239	236	19	16	159	31
7	38	192	313	418	274	489	227	235	53	17	237	56
8	133	192	344	553	273	459	266	230	110	20	183	13
9	148	206	335	707	269	444	293	218	99	132	60	40
10	142	188	309	596	226	433	289	268	114	191	24	59
11	141	192	284	523	188	417	279	340	70	179	106	27
12	144	192	257	436	176	371	265	311	21	81	169	13
13	130	181	248	415	181	353	255	249	18	54	35	12
14	130	174	232	375	186	417	259	244	17	89	17	11
15	135	174	242	325	186	432	230	232	18	55	16	9
16	148	181	291	365	191	359	234	232	15	27	16	26
17	148	195	278	385	214	329	210	232	15	27	19	65
18	135	206	266	415	291	320	218	239	14	74	49	96
19	135	210	251	480	250	297	210	239	15	56	18	81
20	151	198	251	589	220	293	218	226	14	26	14	32
21	174	173	255	614	200	289	242	195	14	50	13	10
22	154	206	221	580	190	279	202	160	16	26	13	9
23	151	210	201	567	260	284	202	144	14	23	14	92
24	177	199	221	475	312	256	222	135	15	23	14	151
25	238	234	241	425	360	247	222	192	13	20	16	73
26	188	161	246	384	410	248	218	151	12	19	80	18
27	188	148	273	378	500	243	218	127	12	18	14	11
28	164	151	427	343	480	243	214	190	11	18	14	9
29	176	232	452	289	.....	252	228	171	11	18	13	8
30	186	287	482	301	.....	231	321	154	11	18	13	8
31	199	.....	503	314	.....	235	.....	199	.....	17	12	.....
Mean	127	191	308	455	273	344	242	226	37	45	47	39
Max.	238	287	503	707	500	514	321	340	114	191	237	151
Min.	12	148	201	289	176	231	202	127	11	11	12	8
A.F.	7810	11380	18930	27990	15150	21130	14400	13870	2200	2750	2880	2300

Total acre-feet 140790

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR OVERTON
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	468	1190	1290	1300	1720	1750	1550	1390	870	86	120	160
2	403	1190	1350	1300	1720	1700	1620	1460	870	70	140	145
3	292	1240	1510	1300	1800	1700	1550	1300	755	64	145	150
4	292	1020	1070	1300	1750	1750	1550	1370	714	94	150	90
5	269	1070	970	1300	1800	1800	1440	1170	608	106	150	90
6	478	1190	1040	1300	1720	2060	1500	1090	755	166	166	98
7	478	1150	896	1300	1580	1900	1480	958	804	230	191	90
8	560	1050	1010	1300	1240	1960	1680	870	939	230	230	102
9	772	1030	1050	1300	1410	1900	1680	788	1070	245	216	90
10	838	1030	1170	1800	1390	1930	1620	958	939	253	172	94
11	996	904	1070	1930	1440	1880	1580	1190	939	269	179	98
12	854	854	920	1700	1500	1830	1340	1240	870	277	197	125
13	996	821	958	1390	1530	1750	1460	1320	804	245	197	155
14	958	821	1260	1410	1580	2060	1340	1410	660	216	155	179
15	788	854	1340	900	1500	2090	1480	1480	647	222	166	166
16	755	958	1240	586	1620	1980	1240	1530	572	277	155	135
17	887	1070	1220	990	1620	1980	1170	1440	500	292	145	90
18	939	1070	1300	1140	1700	1960	1170	1410	512	284	145	197
19	1050	1110	1100	1480	1600	1980	1170	1220	403	337	145	210
20	1110	1220	1100	1810	1200	1980	1050	1090	309	346	140	245
21	1090	1280	1100	1900	1300	1900	1070	996	284	309	135	216
22	1340	1150	1100	1760	1400	1600	1020	1030	261	284	145	210
23	1340	1070	1100	1600	1480	1580	1050	1070	197	261	140	203
24	1320	1220	1100	1710	1560	1260	1170	1050	185	245	135	230
25	1240	1010	1100	1720	1520	1220	1340	1130	166	230	160	210
26	1170	810	1100	1680	1370	1260	1090	1110	155	222	150	216
27	1220	940	1100	1900	1650	1300	1090	1050	150	216	150	203
28	1130	1100	1100	1830	1780	1340	1170	1090	160	222	145	269
29	1110	1120	1100	1780	.....	1300	1170	1110	125	216	145	238
30	1150	1200	1100	1750	.....	1530	1340	788	110	203	145	185
31	1090	.....	1100	1800	.....	1580	.....	838	.....	135	188	.....
Mean	883	1058	1128	1492	1553	1736	1339	1160	544	221	159	163
Max.	1340	1280	1510	1930	1800	2090	1680	1530	1070	346	230	269
Min.	269	810	896	586	1200	1220	1020	788	110	64	120	90
A.F.	54310	62960	69350	91770	86240	106730	79700	71300	32400	13590	9800	9700

Total acre-feet 687850

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR ODESSA
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	324	1500	833	1300	2050	1600	1300	1260	878	5	0	0
2	185	1570	941	1370	1750	1500	1370	1260	917	4	0	0
3	185	1260	1030	1320	1800	1600	1330	1260	858	3	0	1
4	130	735	1160	1260	1770	1800	1260	1170	839	0	0	1
5	130	594	1060	1210	1750	2190	1300	1190	839	0	0	0
6	148	794	1050	1220	1540	2190	976	1060	820	0	0	0
7	233	820	1220	1170	1540	1910	1150	1170	995	0	0	0
8	233	878	1160	1160	1570	1880	1260	1040	748	29	0	0
9	324	858	1190	1370	1520	1670	1500	976	800	30	0	32
10	362	563	1320	1680	1540	1880	1280	1750	858	9	0	130
11	416	730	1400	1800	1470	1750	1280	1440	678	70	0	21
12	501	625	1370	1660	1520	1670	1100	1500	712	102	0	15
13	402	878	1410	1680	1440	1470	995	1280	765	95	0	15
14	563	1020	1670	1540	1600	1990	1190	1190	695	38	0	15
15	563	642	1730	800	1520	1910	1370	1230	642	12	0	13
16	532	748	1570	286	1190	1850	1170	1370	610	6	0	11
17	578	695	1140	460	1420	1830	1170	1440	563	6	0	7
18	678	748	797	588	1440	1850	1080	1210	501	4	0	5
19	820	730	1050	788	1700	1720	1300	1280	456	21	0	9
20	820	839	1070	1330	1530	1770	878	1280	324	56	0	13
21	1100	956	1190	1740	1300	1800	1150	1280	290	56	0	15
22	1230	936	1120	1860	1400	1620	1210	1280	301	26	0	21
23	1210	839	1100	2140	1600	1370	1060	1230	123	16	0	109
24	1150	820	1080	2060	1800	1120	1620	1170	74	3	0	139
25	1150	717	1080	2110	1960	995	1540	1150	43	0	0	185
26	1230	720	948	1790	1990	1100	1280	1150	43	0	0	194
27	1190	872	1010	2160	1990	1170	878	1020	43	0	0	185
28	1330	809	1010	2000	1850	1100	1120	1420	51	0	0	167
29	1300	923	1010	1970	.....	1150	1100	1260	43	0	0	222
30	1420	852	1150	1920	.....	1170	1190	1080	7	0	0	176
31	1400	.....	1300	2130	.....	1420	.....	917	.....	0	0	.....
Mean	704	856	1167	1480	1627	1614	1214	1236	517	19	0	57
Max.	1420	1570	1730	2160	2050	2190	1620	1750	995	102	0	222
Min.	130	563	797	286	1190	995	878	917	7	0	0	0
A.F.	43310	50920	71740	90990	90350	99260	72210	75990	30780	1170	0	3370

Total acre-feet 630090

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR GRAND ISLAND
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	192	1390	796	1140	2380	1420	1550	1320	892	0	0	0
2	199	1340	778	1250	2400	902	1640	1280	892	0	0	0
3	228	1320	742	1290	2470	1050	1570	1320	818	0	0	0
4	210	1300	782	1290	2440	1690	1520	1340	784	0	0	0
5	200	1150	903	1280	2400	2340	1520	1260	1050	0	0	0
6	190	1030	1210	1310	2090	2510	1550	1260	1030	0	0	0
7	180	1090	1360	1350	2060	2210	1590	1230	1110	0	0	0
8	177	1150	1630	1310	2080	2150	1590	1110	1210	0	0	0
9	220	1110	1810	1250	2020	2070	1940	1170	1170	0	0	0
10	286	1050	1570	1270	1860	2070	1990	966	800	0	0	0
11	351	1050	1520	1380	2120	2100	1820	1720	750	0	0	0
12	461	1030	1520	1760	1760	2120	1570	1760	684	0	0	0
13	517	1090	1480	2170	2040	2070	1460	1500	532	0	0	0
14	576	985	1180	2170	2140	2260	1300	1390	547	0	0	0
15	606	1130	968	1750	2090	2460	1210	1300	562	0	0	0
16	767	1090	1180	1210	1350	2460	1410	1300	517	0	0	0
17	750	1190	1240	862	1210	2490	1430	1430	474	0	0	0
18	684	1110	1260	936	1360	2210	1280	1480	433	0	0	0
19	750	1110	1340	983	1420	2210	1090	1260	350	0	0	0
20	874	985	952	1360	972	2150	1110	1130	340	0	0	0
21	930	966	905	1560	1180	2180	1110	1110	300	0	0	0
22	930	1030	894	1660	1150	2210	1090	1010	200	0	0	0
23	948	1110	1050	1870	1010	2020	1210	985	122	0	0	0
24	1050	1190	1090	2010	1640	1760	1260	1010	150	0	0	0
25	1050	1070	1090	2180	1840	1640	1260	930	130	0	0	0
26	1110	786	1060	2260	1640	1410	1130	874	100	0	0	0
27	1070	520	989	2430	1560	1320	1170	1500	30	0	0	0
28	1150	475	888	2290	1300	1410	1170	1150	10	0	0	0
29	1280	493	945	2420	.....	1410	1370	1070	3	0	0	0
30	1300	729	1020	2440	.....	1320	1460	1170	1	0	0	0
31	1320	...	1050	2550	...	1370	...	1010	...	0	0	...
Mean	663	1036	1136	1645	1785	1903	1412	1237	533	0	0	0
Max.	1320	1390	1810	2550	2470	2510	1990	1760	1210	0	0	0
Min.	177	475	742	862	972	902	1090	874	1	0	0	0
A.F.	40770	61620	69820	101100	99140	117000	84040	76060	31720	0	0	0

Total acre-feet 681270

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR DUNCAN
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	56	1110	322	808	2720	1880	1460	1860	1190	8	4	0
2	98	1090	378	907	2710	1500	1670	1750	1150	21	4	0
3	75	1150	533	1040	2780	1140	1890	1860	816	14	4	12
4	46	1110	875	1160	2930	1340	1750	1800	720	51	4	4
5	80	1110	1070	1260	3090	2800	1640	1670	765	21	3	2
6	92	981	1280	1320	3220	5500	1620	1620	888	11	110	2
7	80	906	1650	1300	3000	4650	1640	1440	1270	8	92	2
8	92	798	1860	1350	2910	2700	1860	1490	1390	7	23	1
9	110	816	1460	1330	3010	2190	1940	1360	1440	7	15	1
10	128	960	1390	1280	3010	2050	2730	1170	1270	6	10	1
11	128	981	1430	1210	2400	2050	2730	1150	1000	7	29	0
12	175	981	1070	1160	1710	1910	2410	1190	834	8	12	1
13	210	942	857	1240	1790	2050	2050	2190	816	8	10	1
14	270	960	840	1330	1690	2050	1910	2110	660	7	8	0
15	362	960	832	1240	2150	2190	1540	1800	513	7	8	1
16	467	981	822	988	1980	2440	1460	1460	489	6	8	0
17	489	1290	912	858	1620	2310	1620	1290	526	6	6	0
18	617	1130	922	650	1220	2310	1540	1360	445	5	6	0
19	630	1170	710	506	1960	2250	1540	1510	352	4	5	0
20	675	1090	575	549	2200	2250	1460	1440	352	170	5	0
21	765	1110	554	708	644	2080	1390	1150	333	80	4	0
22	816	1110	606	1010	716	2250	1360	1170	286	19	4	1
23	906	1170	544	1260	491	2220	1290	1110	218	15	4	0
24	1020	1290	502	1460	732	2080	1390	1170	423	12	4	1
25	1020	1110	702	1800	936	1970	1570	1060	236	8	2	1
26	1150	574	940	2050	2090	1860	1670	960	196	10	2	0
27	1020	384	930	2270	2720	1640	1570	1240	128	21	1	0
28	1040	298	904	2410	2520	1540	1270	1570	92	11	1	1
29	1020	264	872	2640	.....	1540	1360	1670	51	8	0	0
30	942	322	776	2630	.....	1390	1780	1130	14	8	0	0
31	1040	...	738	2740	...	1340	...	1270	...	5	1	...
Mean	504	938	899	1370	2105	2176	1704	1452	629	19	12	1
Max.	1150	1290	1860	2740	3220	5500	2730	2190	1440	170	110	12
Min.	46	264	322	506	491	1140	1270	960	14	4	0	0
A.F.	30980	55830	55250	84230	116900	133800	101400	89300	37410	1150	772	67

Total acre-feet 707105

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR NORTH BEND
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1670	3540	1100	2350	6800	11000	4430	8880	3480	1760	1360	672
2	1540	3750	1200	2420	6850	9950	4910	8200	3480	1920	1200	683
3	1580	3450	1530	2650	6900	8520	5430	8430	3320	1850	1270	932
4	1830	3670	2220	2800	7200	7600	5600	8120	3270	1650	1670	1200
5	1770	3890	3100	3100	7650	7600	5430	7940	2990	3140	1580	1160
6	1440	3810	3840	3180	8100	8610	5090	7120	2990	3240	1830	1240
7	2350	3840	4610	3200	8650	10100	4970	6880	3950	1980	2220	1300
8	1850	3670	5320	3500	9100	8740	5090	6520	4430	2020	1960	1380
9	1970	3730	5920	3550	8960	7940	5850	6360	9240	1810	1610	1210
10	2140	3620	5940	3500	8650	7360	6280	6020	5990	1680	1220	1320
11	2120	3870	5980	3400	8150	6240	6840	14600	4520	2120	1430	1350
12	2160	3890	5320	3400	7800	6100	6560	10900	3430	2140	1440	1220
13	2100	4040	4860	3550	7000	5850	6100	8340	3620	1870	1410	1240
14	2310	3840	3880	3750	6500	6400	5600	7240	3450	3140	1940	1320
15	2310	3840	3160	3800	5900	6880	5600	6130	3590	2700	1540	1280
16	2600	3920	3020	3450	6250	7000	5030	5570	3170	1960	1350	1300
17	2770	3950	3350	3450	6350	6600	5060	5090	2400	1870	1320	1440
18	2820	4070	3200	3200	6250	6720	4940	4880	2470	1740	1120	1440
19	3090	3590	3000	2650	5700	6100	4850	5060	2400	1740	1200	1220
20	2940	4070	1800	2650	6600	6060	4310	5180	2100	1560	1180	1300
21	3020	4010	1950	2800	5400	5780	4220	5180	1980	1540	1260	1320
22	3170	3920	2000	3000	4700	5740	4100	4880	2240	1870	1200	1440
23	3190	4040	1900	3250	4250	5500	3920	4490	2040	1510	1330	1260
24	3240	4160	1800	3800	3500	5500	4070	4220	2750	1350	1260	1360
25	3300	4340	1950	4200	3350	5060	4790	4070	3540	1200	1180	1380
26	3320	2500	2050	4500	3950	4850	5090	3510	3510	1440	1080	1380
27	3140	900	2100	5150	5800	4580	5640	3430	3270	1540	844	1320
28	3140	1000	2200	5600	7400	4430	4730	3590	2600	1320	856	1320
29	3430	1050	2300	5900	.....	4430	6100	6920	2240	1260	958	1360
30	3450	1200	2390	6200	.....	4250	7890	5600	1870	1200	796	1430
31	3540	.....	2430	6500	.....	4520	.....	4490	.....	1560	672	.....
Mean	2558	3439	3078	3692	6561	6645	5284	6382	3344	1861	1332	1259
Max.	3540	4340	5980	6500	9100	11000	7890	14600	9240	3240	2220	1440
Min.	1440	900	1100	2350	3350	4250	3920	3430	1870	1200	672	672
A.F.	157300	204600	189300	227000	364400	408600	314400	392400	199000	114400	81890	74930

Total acre-feet 2728250

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR ASHLAND—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
1	2100	3720	1260	2850	6680	8680	6090	12400
2	2040	3750	1350	3780	7070	9630	6130	12500
3	1830	3840	1430	2830	7180	7940	6980	12200
4	1890	3960	2040	3190	7310	6980	8120	12800
5	1970	3930	2760	3550	7410	6610	8680	13500
6	2010	4150	3680	3770	7870	6940	8210	13500
7	1790	3930	4350	4140	8620	9270	7980	12500
8	2450	3990	5460	4240	9780	10200	7360	11600
9	2160	3990	6980	4440	10100	10400	7540	10400
10	2100	4020	7030	4470	9830	10700	8260	9580
11	2550	3840	6490	4470	9090	11600	8210	13700
12	2550	3900	6570	4380	9230	10500	8120	*
13	2570	3870	5490	4350	8650	10600	7450	
14	2450	3930	4850	4190	7870	11000	6900	
15	2620	3810	3810	4400	7320	11400	6650	
16	2670	3870	3160	4520	6410	10700	6370	
17	2900	4220	3100	4450	6490	10600	6210	
18	3000	4310	3240	4310	6780	10300	6610	
19	3030	4450	3430	3950	6980	10200	6700	
20	2950	4350	2010	3230	6650	9170	6650	
21	2800	4550	2300	3090	5400	8920	5930	
22	2900	4480	2360	3010	4590	8590	5900	
23	3160	4520	2240	2980	4150	8160	5660	
24	3130	4380	2010	3470	3630	7800	5400	
25	3430	4690	2140	3650	3600	7360	5400	
26	3600	4290	2300	4250	3810	6780	5860	
27	3930	3350	2250	4670	4900	6490	6250	
28	3630	1100	2280	5350	7940	6170	6940	
29	3570	1250	2720	6040	.....	5930	6410	
30	3630	1400	2890	6450	.....	6010	8630	
31	3600	.....	2660	6590	.....	5780	.....	
Mean	2742	3795	3375	4131	6976	8755	6920	12240
Max.	3930	4690	7030	6590	10100	11600	8680	13700
Min.	1790	1100	1260	2780	3600	5780	5400	9580
A.F.	168600	225800	207600	254000	387500	538300	411800	267100

Total acre-feet for 223 days 2460700
*Gage at Ashland discontinued on May 12, 1953.
The gaging station was moved to Louisville.

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR LOUISVILLE
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									6650	2860	1420	1240
2									5680	2590	1690	1240
3									5370	3000	1810	1310
4									4780	3120	1690	1440
5									5680	2560	1670	1560
6									5420	3200	2320	1690
7									5500	4960	2590	1710
8									7720	3000	3840	1770
9									18800	2500	4040	1750
10									19200	2220	2720	1770
11									14000	2220	2130	1750
12								24200	10600	2380	2010	1670
13								16900	8180	2860	2080	1710
14								13800	7100	3280	2060	1600
15								11400	6700	3520	2270	1580
16								9980	6200	4160	2790	1580
17								9140	5190	3120	2300	1490
18								8660	4080	2590	1900	1490
19								8300	3480	2320	1810	1610
20								8540	3560	2270	1770	1580
21								9080	3520	2240	1790	1540
22								9500	3280	2820	1690	1610
23								9200	3520	2270	1630	1690
24								9920	3360	2270	1630	1650
25								9560	4290	1900	1710	1650
26								8900	5640	1730	1600	1670
27								7550	5190	1580	1540	1670
28								6800	5860	2010	1460	1580
29								5550	4160	1850	1340	1580
30								8240	3480	1560	1320	1630
31								7450		1490	1280	
Mean									6540	2595	1997	1594
Max.									19200	4960	4040	1770
Min.									3280	1490	1280	1240
A.F.								402000	389100	15960	122800	94830

SEMINOE RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	561610	464730	389970	318830	250140	244700	235060	268320	338920	356970	357520	355420
2	557930	461560	387270	317330	250000	244700	235330	270690	342010	357160	356970	355350
3	555540	458170	384660	316250	249300	244140	234120	272170	343780	357890	356880	355420
4	553660	454900	381970	312660	248330	244210	234120	273020	345540	358800	356515	355510
5	550260	451560	380070	309940	246230	244350	233250	274160	347330	359540	355960	355600
6	546750	448760	378840	307730	244560	244700	231910	274530	349570	359720	355970	355870
7	543280	447150	375990	305530	243650	245320	231170	276050	349930	359260	355790	356150
8	539820	446080	373240	302440	242410	245050	231510	277570	349750	358890	355610	356420
9	536610	443180	370450	300350	241180	244700	232380	278550	350290	358440	355420	356700
10	533910	440440	367460	297620	240160	244000	234250	278020	351260	358070	355230	356880
11	531720	438960	364480	294270	239470	243170	236400	278320	352090	358440	355050	357160
12	528440	436120	362190	291120	239880	242070	237420	280230	352810	357250	354870	357340
13	525050	433480	360720	288120	240570	241390	239340	282550	353430	355780	354690	357520
14	521550	431710	357800	285790	241390	241050	240360	284940	353430	354690	354510	357620
15	517970	430670	354960	283090	240700	240360	241390	287260	353610	353970	354420	355600
16	514630	427250	351820	282000	240360	239820	242760	289540	354330	353520	354600	352450
17	511890	423730	348670	280920	240360	239340	244280	291900	355330	353310	354870	349120
18	510350	420250	345980	277870	239750	238720	246510	294270	356330	354060	355050	346430
19	506840	416890	344220	274150	238310	237970	247330	296570	357250	354420	355240	343330
20	503210	413430	342800	270400	238720	237560	248400	297860	358160	355140	355510	340250
21	499700	411270	340160	267060	239610	237690	249720	299790	359080	355690	355780	337070
22	496230	409410	337860	264470	240360	237830	251490	302680	359260	355780	355970	333700
23	492550	406410	335860	260900	241520	237970	253270	305670	358800	355240	356150	330750
24	489320	403510	333260	257990	242000	237830	255410	308630	358340	355780	356330	329510
25	487030	400940	332650	254770	242820	237630	258280	311910	357700	356240	356420	328760
26	483640	399850	331530	253130	243580	237970	259730	316250	357610	356700	356420	328670
27	479570	397300	330580	251850	244210	238100	261040	319580	358250	356790	356060	327820
28	475850	395630	327730	251490	244980	237970	262650	323400	357890	357160	355880	326800
29	472400	394840	324920	250070	.....	237490	263880	327650	357890	357340	355690	325610
30	468950	392580	322210	250630	.....	236870	265940	331960	356610	357250	355600	324930
31	466170	.....	319920	251560	.....	235660	.....	336290	.....	357250	355510	.....

KORTES RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4710	4690	4700	4720	4390	4620	4600	4100	4650	4440	4600	4160
2	4710	4690	4640	4700	4670	4160	4480	3980	4670	4650	4630	4150
3	4710	4710	4690	4500	4640	4600	4390	3900	4630	4600	4680	4150
4	4710	4710	4700	4690	4500	4470	4400	4270	4660	4600	4520	4150
5	4700	4700	4730	4690	4520	4610	4410	4600	4690	4590	4080	4150
6	4710	4690	4630	4690	4520	4610	4450	4600	4660	4650	4200	4150
7	4720	4700	4580	4670	4680	4520	4530	4530	4670	4660	4200	4150
8	4720	4700	4550	4660	4560	4360	4640	4230	4670	4610	4190	4150
9	4670	4690	4640	4730	4580	4620	4610	4210	4720	4690	4190	4150
10	4630	4700	4560	4670	4580	4480	4520	4690	4690	4610	4180	4150
11	4720	4710	4590	4720	4610	4650	4280	4600	4580	4610	4180	4150
12	4720	4710	4610	4720	4600	4600	4280	4510	4680	4590	4160	4150
13	4720	4710	4700	4710	4580	4610	4500	4470	4680	4460	4190	4150
14	4690	4660	4680	4710	4540	4630	4410	4430	4650	4420	4190	4060
15	4710	4670	4640	4660	4580	4600	4460	4380	4700	4550	4190	4650
16	4700	4700	4690	4690	4610	4480	4640	4330	4190	4580	4190	4530
17	4730	4630	4690	4690	4540	4350	4540	4280	4190	4580	4190	4660
18	4710	4660	4710	4670	4640	4480	4410	4230	4180	4580	4190	4670
19	4730	4710	4720	4440	4630	4260	4650	4180	4150	4600	4190	4660
20	4730	4680	4710	4500	4610	4520	4670	4650	4130	4600	4190	4650
21	4690	4670	4690	4570	4620	4560	4670	4680	4120	4600	4190	4600
22	4720	4640	4710	4710	4590	4580	4710	4680	4200	4630	4180	4675
23	4730	4640	4700	4620	4590	4530	4640	4640	4690	4620	4180	4650
24	4710	4660	4700	4680	4560	4520	4230	4450	4660	4620	4180	4560
25	4720	4620	4710	4600	4660	4520	4190	4600	4660	4610	4180	4620
26	4650	4600	4610	4670	4660	4630	4130	4620	4570	4610	4220	4600
27	4720	4690	4600	4700	4580	4590	4600	4660	4640	4510	4220	4620
28	4700	4690	4670	4680	4620	4430	4640	4280	4630	4510	4160	4520
29	4700	4660	4690	4690	.....	4590	4580	4280	4470	4610	4160	4550
30	4700	4700	4680	4720	.....	4580	4540	4280	4650	4610	4160	4600
31	4690	.....	4710	4570	.....	4440	.....	4280	.....	4610	4160	.....

PATHFINDER RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	454200	547150	633780	728950	815600	846870	872450	919000	884020	774570	539070	348730
2	457670	549570	637150	730330	816940	848030	873450	919410	884220	771110	529930	348000
3	459980	553260	641070	731890	818650	849200	876240	920020	885420	767870	520130	347000
4	461480	556840	643890	735870	820540	849790	878230	921470	886610	763200	511240	345920
5	464650	560830	647020	738500	823380	850780	880430	922290	886610	758520	503800	344930
6	467850	565810	648910	740790	826030	850780	883620	923940	887210	752970	494810	343210
7	471510	567770	652200	743620	827740	851360	886410	925170	887820	746620	485460	340860
8	474960	569180	656490	747150	830070	852350	888830	925700	889440	738680	476160	338200
9	478210	572130	660820	750150	832190	853720	890450	926410	889840	730330	468200	335890
10	481230	574940	664020	753150	834310	855290	891260	929310	887610	721500	460900	334210
11	482680	576340	668340	756540	836240	857060	892070	931390	883420	711960	453740	333150
12	485940	579740	671250	760500	837210	859220	892480	929310	878430	701620	446550	332350
13	489260	582760	674030	763380	837400	860590	893690	924140	872450	691960	439540	332000
14	492840	584490	678280	767330	837600	861570	895920	917960	866870	682370	432690	331820
15	496040	586070	682200	768950	838750	863340	898550	910760	861180	671910	425680	332440
16	499900	587510	685960	771290	840110	864910	899570	902200	854700	662100	418660	335360
17	502420	589380	690290	772920	840690	866870	901190	894700	848420	651890	412830	338360
18	502920	593420	694460	776030	842040	869060	901800	889840	842620	642320	404860	340500
19	506320	596950	697290	780790	844930	870650	903010	886410	836240	633480	397540	342490
20	509850	602390	699290	784820	845130	872250	904630	884420	829680	624720	391590	344840
21	513300	605630	702960	788490	845320	873450	906660	883620	823010	616260	386270	347370
22	516910	609040	706530	792550	845510	874440	907670	883620	816560	607390	380960	349740
23	520520	611000	708900	795540	845510	876440	909110	883820	811810	601660	375870	352320
24	523360	614300	711790	799640	845510	878230	910760	883620	808220	595480	370860	353800
25	525450	618510	712810	803750	845900	879430	911380	883820	803190	589240	365970	354630
26	528610	619560	714510	806360	846090	879430	912200	884020	797400	582760	360690	355000
27	532300	623340	715530	809160	846480	877040	913440	884020	790870	576760	355650	355650
28	536130	625180	719600	810480	846480	873450	914470	884020	784460	570020	350940	356290
29	539340	627020	722540	812570	.....	871250	916110	884020	780430	563300	349830	357490
30	542570	629790	725310	813330	.....	869460	917960	884020	778780	555740	350200	358710
31	545400	.....	727390	813900	.....	871250	.....	884020	.....	547420	349560	.....

ALCOVA RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	170810	170460	169110	168040	166850	166580	187400	186820	189210	188820	188910	178940
2	170760	170460	169090	168020	166830	166580	187310	186800	189300	188990	189110	177840
3	170710	170330	169040	167990	166810	166580	187230	186770	189380	189180	189350	176750
4	170670	170210	169000	167970	166790	166580	187160	186750	189480	189380	189400	175700
5	170620	170100	168950	167950	166760	166580	187090	186720	189600	189480	189160	174670
6	170580	169980	168930	167930	166740	166580	187090	186700	189500	189230	189040	174130
7	170530	169870	168910	167900	166720	166580	187090	186700	189180	188820	188960	174270
8	170490	169820	168880	167880	166700	166580	187090	186680	188840	188260	188890	174580
9	170510	169780	168840	167860	166670	166580	187090	186500	188600	187840	189280	174650
10	170530	169590	168820	167830	166670	166580	187090	186500	188280	187530	189620	174950
11	170550	169590	168790	167810	166650	166610	187090	186720	188280	187160	189720	175250
12	170580	169550	168750	167790	166650	166630	187060	186770	188280	186970	189690	175300
13	170600	169500	168720	167770	166650	166630	187040	186700	188180	186680	189650	175210
14	170620	169450	168680	167740	166650	166630	187090	186630	188210	186990	189570	175040
15	170650	169410	168660	167520	166630	166630	187140	186650	188230	187260	189550	174860
16	170670	169410	168630	167290	166630	166650	187110	186850	188260	187260	189520	174670
17	170690	169410	168590	167260	166630	166700	187090	187740	188450	187230	188600	174480
18	170710	169360	168560	167240	166630	166740	187090	188110	188570	187570	189040	174250
19	170710	169360	168540	167200	166610	166810	187090	188130	188650	187840	189910	173760
20	170740	169340	168520	167150	166610	166850	187060	188330	188690	188060	189520	173760
21	170740	169340	168500	167110	166610	166900	187040	188550	188790	188130	188470	173970
22	170710	169320	168450	167080	166610	166970	187020	188720	188870	188130	188060	174390
23	170670	169290	168400	167060	166580	167040	186990	188870	189010	188400	188060	174670
24	170620	169250	168360	167040	166580	167110	186970	188990	188940	188720	188060	174650
25	170580	169230	168310	167010	166580	167220	186940	189040	188600	188960	188060	174390
26	170530	169200	168270	166990	166580	170210	186920	189060	188300	189210	187990	174040
27	170490	169180	168220	166970	166580	174250	186920	189040	188210	189450	187910	173800
28	170490	169160	168180	166950	166580	178120	186890	189040	188180	189350	187820	173640
29	170510	169130	168130	166920	.....	182010	186870	189040	188400	189260	184760	173460
30	170490	169130	168090	166900	.....	185870	186850	189080	188650	189130	181860	172810
31	170490	.....	168060	166880	.....	187330	.....	189160	.....	189180	180200	.....

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER, OUTFLOW OF ALCOVA RESERVOIR—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	10	6	6	6	6	6	6	159	1972	4181	932
2	10	10	6	6	6	6	6	6	159	1972	4390	940
3	10	10	6	6	6	6	6	6	159	1972	4390	972
4	10	10	6	6	6	6	6	6	156	1972	4390	916
5	10	10	6	6	6	6	6	6	156	1972	4390	916
6	10	10	6	6	6	6	6	6	156	2756	4390	908
7	10	10	6	6	6	6	6	6	156	3540	4408	940
8	10	10	6	6	6	6	6	6	156	4198	4408	980
9	10	10	6	6	6	6	6	6	355	4516	3688	1028
10	10	10	6	6	6	6	6	6	1132	5068	3396	485
11	10	10	6	6	6	6	6	6	1780	5260	3396	254
12	10	10	6	6	6	6	6	804	2392	5480	3444	226
13	10	10	6	6	6	6	6	2885	2915	5580	3444	103
14	10	10	6	6	6	6	6	3065	3080	5600	3444	18
15	10	10	6	6	6	6	6	3688	3080	5420	3460	8
16	10	10	6	6	6	6	6	4096	3080	5380	3460	7
17	10	10	6	6	6	6	6	3140	3080	5380	3444	6
18	10	10	6	6	6	6	6	2532	3080	4750	3492	6
19	10	10	6	6	6	6	6	1900	3080	4480	3204	205
20	10	10	6	6	6	6	6	1148	3080	4198	3095	240
21	10	10	6	6	6	6	6	616	3080	4045	3080	120
22	10	10	6	6	6	6	6	194	3065	4062	2728	108
23	10	10	6	6	6	6	6	143	2742	3412	2420	103
24	10	10	6	6	6	6	6	159	2616	2990	2434	105
25	10	10	6	6	6	6	6	156	2960	2870	2434	130
26	10	10	6	6	6	6	6	156	3125	2870	2434	130
27	10	10	6	6	6	6	6	156	3110	2870	2434	46
28	10	10	6	6	6	6	6	159	3065	3236	2434	7
29	10	10	6	6	..	6	6	156	2364	3428	2420	7
30	10	10	6	6	..	6	6	156	1972	3739	1244	7
31	10	..	6	6	..	6	..	159	..	3926	940	..
Mean	10	10	6	6	6	6	6	824	1983	3836	3255	362
Max.	10	10	6	6	6	6	6	4096	3125	5600	4408	1028
Min.	10	10	6	6	6	6	6	6	156	1972	940	6
A.F.	615	595	369	369	333	369	357	50647	117998	235866	200167	21527

Total acre-feet 629212

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER, INFLOW TO GUERNSEY RESERVOIR NEAR CASSA, WYOMING
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	360	188	192	170	190	130	215	489	265	2710	3410	2320
2	335	188	195	170	200	130	285	453	240	2000	3570	1540
3	315	184	180	160	220	120	285	420	250	1900	3880	1270
4	295	184	170	150	210	120	250	390	227	1880	4140	1150
5	285	184	160	160	200	140	223	355	207	1900	4260	1170
6	275	170	160	170	190	180	207	335	199	1900	4320	1180
7	265	180	150	180	200	223	192	305	184	1860	4600	1070
8	255	210	130	190	200	184	195	280	178	2120	4160	1030
9	250	199	140	170	210	223	325	250	167	3150	4080	1020
10	235	192	140	160	200	240	447	227	153	3750	4080	1020
11	227	192	160	150	180	203	430	211	136	4060	3570	1050
12	223	192	170	140	200	160	410	207	119	4360	3240	1090
13	215	195	160	140	190	140	385	211	280	4640	3480	930
14	215	192	170	130	200	130	375	227	1470	5150	3350	611
15	215	188	180	140	180	150	410	581	2180	4950	3390	489
16	215	188	180	150	170	167	513	2760	2610	5260	3350	453
17	215	184	190	160	160	265	507	3320	2660	5360	3370	410
18	215	184	190	150	164	310	420	3820	2710	4860	3370	345
19	211	170	190	140	167	280	415	3230	2780	4890	3370	275
20	207	150	180	140	160	167	489	2540	2790	4340	3330	240
21	203	140	170	140	160	250	513	2320	2780	4120	3190	227
22	203	140	150	160	153	370	471	1620	2760	3860	3000	215
23	203	160	160	150	153	295	420	1260	2780	3590	3000	207
24	203	170	160	170	153	290	380	1010	2780	3550	2830	285
25	203	190	140	160	146	310	370	835	2640	3260	2490	280
26	203	200	140	170	156	280	410	569	2520	2840	2440	223
27	199	220	150	180	153	270	465	420	2660	2810	2420	199
28	195	210	160	190	140	275	495	365	2900	2780	2440	184
29	195	200	170	200	..	260	489	330	2880	2730	2470	199
30	195	199	170	200	.....	174	507	295	2880	2880	2470	199
31	192	..	170	200	..	164	..	290	..	3170	2470	....
Mean	233	185	165	163	179	213	383	965	1580	3440	3340	696
Max.	360	220	195	200	220	370	513	3820	2900	5360	4600	2320
Min.	192	140	130	130	140	120	192	207	119	1860	2420	184
A.F.	14320	10990	10170	10000	9930	13090	22810	59360	93990	211500	205370	41420

Total acre-feet 702950

GUERNSEY RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4580	17290	26390	34000	42250	13790	24690	44640	18150	27250	16070	25910
2	5330	17540	26790	34300	42600	13440	25080	45350	18290	26610	14410	23960
3	6060	17790	27030	34570	42940	13500	25660	45280	18390	25870	13640	21450
4	6690	18010	27270	34800	43360	13650	26110	44940	18460	25250	13610	18820
5	7260	18290	27340	35120	43870	13830	26530	44680	18650	23740	13720	16850
6	7610	18630	27420	35390	44290	14030	26900	43900	18710	20940	14650	15900
7	8010	18960	27620	35680	44380	14270	27190	41910	18560	17170	17060	15500
8	8610	19300	27820	36020	44100	14610	27580	38970	18370	13290	19410	15320
9	9040	19590	27880	36320	43620	15010	28110	35340	17290	11000	21430	14880
10	9480	19860	27970	36650	42670	15440	28760	31570	15510	9260	23180	14370
11	9960	20230	28200	36970	41570	15920	29420	27730	13340	8540	24060	13910
12	10450	20480	28510	37250	40290	16290	30240	23650	10980	7760	24160	13500
13	11070	20770	28740	37580	38950	16410	30900	19350	8730	7990	24830	13610
14	11510	21080	29040	37820	37410	16520	31610	14860	8490	10670	25340	13190
15	11870	21380	29290	37970	36090	16760	32300	9960	9330	11900	25660	12330
16	12170	21700	29650	38120	34380	17070	33160	8020	11000	13560	25770	11000
17	12480	22020	29970	38300	32590	17570	33980	8510	13040	15650	35890	9560
18	12960	22280	30220	38650	31040	18140	34760	10820	14700	17360	26310	8120
19	13290	22590	30560	39000	29160	18600	35450	12380	16320	19200	27010	6690
20	13500	22860	30940	39110	27600	19020	36240	12350	17590	20470	27990	5090
21	13830	23030	31120	39320	25950	19460	37080	12480	18740	21350	28870	3680
22	14170	23210	31270	39610	24160	20090	37920	12530	19300	22520	29580	2640
23	14430	23420	31450	39870	22590	20660	38580	12910	20070	23740	30360	2160
24	14860	23700	31710	40050	20800	21290	39240	13700	20500	25130	30840	2360
25	15040	24130	31970	40270	19160	21780	39940	14940	20810	26240	30740	2660
26	15350	24560	32300	40570	17700	22380	40590	15800	21030	26050	30170	2910
27	15680	24940	32550	40770	16100	22820	41290	16470	21900	25240	29460	3090
28	15980	25340	32890	41090	14740	23280	42230	16900	23300	23630	28720	3140
29	16350	25770	33120	41270	.....	23700	42990	17230	24760	21590	28130	3180
30	16650	26160	33380	41570	.....	24040	43800	17570	26270	19560	27400	3470
31	16860	.....	33710	41910	.....	24280	.....	17820	.....	18010	26720	.....

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER, OUTFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	21	25	25	22	642	20	75	148	1986	4156	2805
2	8	30	25	25	22	247	20	123	151	2438	4228	2775
3	8	21	25	25	22	20	20	433	147	2192	4264	2745
4	8	21	25	25	22	20	20	505	148	2231	4192	2715
5	8	21	25	25	22	20	20	488	150	2700	4192	2218
6	16	21	25	25	22	20	20	618	212	3350	4013	1725
7	8	21	25	25	151	20	20	1233	237	3843	3571	1290
8	8	21	76	25	400	20	20	1692	233	4120	3299	1233
9	9	21	66	25	472	20	20	2036	669	4084	3248	1233
10	9	21	25	25	678	20	20	2179	1107	4336	3333	1280
11	9	21	25	25	802	20	20	2182	1215	4523	3384	1320
12	9	21	25	25	862	20	20	2257	1215	4760	3401	1270
13	9	25	25	25	910	20	20	2424	1161	4580	3316	990
14	9	25	25	25	918	20	20	2610	1053	4030	3180	990
15	9	25	25	25	934	20	20	2745	1500	4447	3180	1044
16	9	25	25	25	999	20	20	2775	1637	4372	3282	1089
17	9	25	25	25	1008	20	20	2790	1520	4264	3265	1089
18	9	25	25	25	1008	20	20	2730	1593	4102	3180	1107
19	9	25	25	25	1008	20	20	2610	1593	3979	2866	1080
20	20	25	25	75	1026	20	20	2480	2010	3843	2790	1035
21	20	25	25	25	1017	20	20	2231	2088	3758	2580	958
22	20	25	25	25	1035	20	20	1758	2114	3265	2438	774
23	20	25	75	25	1026	20	20	1143	2166	2930	2424	582
24	20	25	25	25	1044	20	20	606	2312	2790	2424	245
25	20	25	25	25	999	20	20	262	2396	2685	2508	200
26	20	25	25	25	934	20	20	187	2270	2775	2625	191
27	20	25	25	22	902	20	20	149	2036	3044	2820	200
28	20	25	25	22	894	20	20	146	1938	3469	2835	225
29	20	25	25	22	.....	20	20	147	1868	3690	2790	255
30	20	25	25	22	.....	20	20	147	1868	3724	2805	95
31	20	.....	25	22	.....	20	.....	147	.....	3945	2790	.....
Mean	13	24	30	26	684	47	20	1352	1292	3557	3206	1159
Max.	20	30	76	75	1044	642	20	2790	2396	4760	4264	2805
Min.	8	21	25	22	22	20	20	75	147	1986	2424	95
A.F.	829	1410	1819	1607	38002	2914	1190	83144	76871	218691	197118	68942

Total acre-feet 692537

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER, AT WYOMING-NEBRASKA STATE LINE

Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	546	412	368	315	274	235	217	145	102	106	940	498
2	522	412	360	330	274	190	254	163	97	79	976	466
3	530	398	368	322	294	210	235	163	92	223	994	428
4	506	398	360	322	294	300	235	157	88	300	1070	405
5	482	390	352	330	294	287	248	145	88	229	1050	405
6	458	398	360	330	287	268	248	163	92	223	1020	442
7	442	398	360	322	268	268	223	181	97	412	1030	412
8	435	390	368	322	268	268	217	181	102	666	985	458
9	412	375	338	315	254	261	205	163	102	886	967	466
10	412	375	352	308	261	254	193	169	139	1000	931	458
11	405	390	375	275	261	220	199	157	450	1030	940	474
12	405	398	375	280	274	205	187	145	730	1060	949	530
13	405	390	345	260	268	225	187	102	826	1120	958	594
14	412	398	338	274	254	254	205	68	859	1330	949	602
15	420	405	338	280	274	274	187	88	868	868	913	586
16	412	405	352	250	217	294	181	139	958	1160	886	586
17	405	398	360	260	229	280	175	181	976	1170	859	618
18	412	398	352	274	254	254	175	151	940	1100	834	658
19	405	398	352	274	268	248	169	175	877	1130	818	690
20	420	405	360	240	254	242	169	199	514	1200	730	698
21	435	390	368	157	235	254	181	169	330	1150	602	698
22	435	360	300	210	235	254	163	229	308	1030	562	682
23	420	352	275	294	229	242	139	895	300	1070	554	666
24	420	352	287	294	229	242	139	375	268	985	538	634
25	420	360	287	260	229	254	133	229	235	904	514	610
26	412	345	308	287	248	261	139	133	242	794	498	530
27	420	330	315	274	223	254	139	151	274	754	442	490
28	420	330	290	287	235	248	145	127	211	762	442	506
29	412	345	300	300	.....	210	151	92	175	818	428	498
30	398	352	300	300	.....	223	157	102	133	958	490	514
31	405		308	294		211		102		886	514	
Mean	434	382	338	285	257	248	186	182	382	819	787	543
Max.	546	412	375	330	294	300	254	895	976	1330	1070	698
Min.	398	330	275	157	217	190	133	68	88	79	428	405
A.F.	26660	22700	20770	17530	14250	15250	11100	11180	22760	50390	48360	32330

Total acre-feet 293280

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER BELOW TRI-STATE DAM

Water Year Ending Sept. 30, 1954

Day	Apr.	May	June	July	Aug.	Sept.
1	243	4	50	1	1	1
2	150	4	18	1	1	1
3	72	4	10	1	1	1
4	50	4	10	1	8	1
5	31	4	9	1	16	1
6	18	4	8	1	21	1
7	8	4	8	1	35	1
8	8	4	8	2	14	1
9	7	4	8	3	12	1
10	7	4	5	3	10	1
11	7	4	3	1	10	1
12	7	4	5	1	11	1
13	7	3	5	12	14	1
14	7	2	3	40	15	1
15	7	2	2	3	16	1
16	6	2	2	15	10	1
17	5	15	2	19	2	1
18	5	28	2	1	2	1
19	5	6	2	5	2	1
20	5	5	1	21	1	1
21	4	4	1	15	0	1
22	4	27	1	26	0	1
23	4	154	1	32	0	1
24	4	11	1	11	0	1
25	4	6	1	10	0	1
26	4	51	1	5	0	1
27	4	56	1	1	0	1
28	4	52	1	1	0	1
29	4	47	1	1	1	1
30	4	52	1	1	1	1
31		52		1	1	
Mean	23	20	6	7	7	1
Max.	243	154	50	40	35	1
Min.	4	2	1	1	0	1
A.F.	1380	1230	340	470	410	60

Total acre-feet for 6 month period 3890

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR MITCHELL
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	673	668	576	561	496	419	424	129	269	104	100	111
2	794	651	571	551	491	381	424	146	248	96	100	111
3	766	621	581	546	491	398	410	143	172	107	107	117
4	750	616	566	541	491	437	410	148	154	115	92	124
5	733	606	566	531	491	464	406	172	143	111	104	133
6	722	611	556	531	482	464	406	141	143	107	141	151
7	706	626	566	526	468	468	406	148	146	100	216	141
8	728	616	586	506	468	473	360	148	138	96	225	151
9	728	616	571	496	473	464	348	113	138	94	219	151
10	733	616	576	491	468	446	333	151	107	90	201	146
11	738	621	586	487	468	455	322	357	100	87	175	141
12	744	631	586	478	473	441	269	368	98	85	242	136
13	738	626	566	482	478	393	172	201	98	83	175	124
14	744	636	561	491	482	441	154	146	104	335	161	122
15	750	631	561	491	487	450	151	122	100	195	167	126
16	750	636	556	450	478	478	154	214	96	113	184	148
17	750	641	551	419	455	496	146	474	94	126	161	156
18	750	646	556	455	459	511	146	318	94	124	143	154
19	738	657	571	450	450	455	146	219	133	126	131	159
20	728	657	581	446	441	468	143	189	184	126	124	167
21	728	646	596	377	441	473	141	178	164	184	131	172
22	716	626	571	441	441	468	138	292	117	386	129	172
23	700	621	561	516	428	473	136	968	96	195	133	159
24	700	606	576	501	428	478	133	636	85	172	129	159
25	695	606	571	491	419	459	136	377	89	154	129	154
26	684	601	586	491	428	450	141	318	117	146	129	143
27	684	576	591	473	424	446	136	364	170	111	126	136
28	684	571	591	478	402	450	129	341	184	126	115	129
29	684	566	591	491	....	424	117	308	154	109	109	154
30	678	571	571	496	....	419	117	294	117	100	111	159
31	668	....	566	491	....	415	....	290	....	98	111	....
Mean	722	621	573	490	461	450	235	271	135	136	146	144
Max.	794	668	596	561	496	511	424	968	269	386	242	172
Min.	668	566	551	377	402	381	117	113	85	83	92	111
A.F.	44400	36930	35230	30100	25590	27680	13990	16690	8040	8330	8970	8540

Total acre-feet 264490

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER AT MINATARE
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	945	1020	859	815	746	645	702	285	478	215	102	142
2	978	1020	840	792	760	627	695	309	407	176	92	109
3	1020	1000	834	784	750	624	679	303	346	177	91	130
4	1030	989	829	773	759	638	669	291	293	179	90	138
5	1030	989	834	757	760	674	670	304	247	164	103	178
6	1030	991	822	749	755	678	667	373	232	142	105	212
7	1010	990	832	734	745	683	656	371	279	136	276	220
8	1000	983	843	719	731	678	646	306	202	111	264	228
9	975	969	842	730	723	678	611	270	196	80	259	278
10	963	951	862	731	720	666	590	262	202	83	231	281
11	985	945	851	718	704	661	582	284	152	70	176	284
12	1000	954	850	723	703	637	572	371	142	40	327	293
13	1040	956	853	730	711	603	548	347	132	30	306	293
14	1040	956	823	738	713	633	543	268	171	273	261	262
15	1070	949	826	744	711	651	524	228	254	220	256	251
16	1100	943	830	709	721	678	513	274	155	186	286	249
17	1090	945	840	672	707	713	516	605	164	208	331	237
18	1080	930	835	706	704	745	505	462	167	189	247	224
19	1080	927	848	709	693	697	496	367	280	163	218	221
20	1080	929	859	686	682	705	491	298	295	190	205	216
21	1070	929	865	643	683	721	423	294	337	155	290	215
22	1060	934	856	637	674	729	375	522	243	391	245	204
23	1050	941	859	679	669	730	352	890	182	345	246	200
24	1050	938	842	704	679	727	336	916	139	305	219	205
25	1050	940	843	700	663	725	310	732	166	245	203	225
26	1030	937	845	716	657	705	310	622	539	249	194	229
27	1030	923	845	714	658	688	308	608	380	240	198	228
28	1020	896	845	718	640	682	302	569	367	214	205	235
29	1020	878	853	723	....	681	288	551	288	193	208	216
30	1020	872	853	739	....	682	279	543	255	156	195	290
31	1020	....	835	743	....	677	....	543	....	109	177	....
Mean	1031	951	844	724	708	679	505	431	256	182	213	223
Max.	1100	1020	865	815	760	745	702	916	539	391	331	293
Min.	945	872	822	637	640	603	279	228	132	30	90	109
A.F.	63400	56580	51870	44500	39310	41770	30070	26520	15250	11170	13100	13280

Total acre-feet 406820

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR BRIDGEPORT—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1210	1360	1110	1090	1040	917	953	513	643	221	197	233
2	1240	1390	1120	1140	1050	800	990	557	581	187	187	227
3	1320	1410	1140	1110	1040	840	991	576	543	145	163	246
4	1380	1440	1100	1060	1030	881	980	576	449	146	134	253
5	1390	1460	1200	1020	1000	863	944	505	393	122	121	304
6	1440	1500	1240	1020	990	908	826	574	357	146	124	359
7	1450	1520	1290	1030	980	935	926	575	477	116	187	391
8	1420	1490	1300	980	980	944	899	542	435	106	305	424
9	1370	1440	1220	971	1010	962	890	472	364	98	306	461
10	1320	1380	1220	980	1020	971	836	473	320	107	302	476
11	1280	1370	1210	962	1000	1000	818	490	259	90	275	491
12	1340	1390	1210	971	990	990	809	513	242	83	290	507
13	1360	1390	1210	1030	1010	707	800	587	201	79	817	501
14	1360	1380	1090	1040	1020	1070	800	463	197	79	589	499
15	1370	1360	1070	1010	1030	1040	809	344	287	97	464	485
16	1400	1340	1070	922	1050	1070	801	313	300	113	428	477
17	1400	1340	1060	903	1030	1200	784	693	264	99	416	407
18	1410	1320	1020	916	1010	1310	775	777	602	114	427	412
19	1430	1340	990	920	1030	1170	784	558	434	111	383	424
20	1470	1360	1030	880	990	1150	786	456	480	111	320	420
21	1540	1320	1140	800	1010	1170	762	371	475	105	653	401
22	1520	1350	1040	840	1010	1140	684	379	418	145	739	402
23	1510	1350	953	800	1000	1090	597	1040	275	354	491	369
24	1510	1290	962	920	1000	1080	566	1120	172	357	407	337
25	1460	1240	990	960	962	1070	573	969	155	318	352	353
26	1440	1200	1010	960	936	1040	566	838	634	285	300	345
27	1410	1190	1040	1030	927	1010	577	780	632	320	304	358
28	1340	1180	1040	1040	935	1000	536	733	425	337	339	359
29	1320	1190	1100	1050	....	926	507	646	304	301	342	324
30	1320	1150	1120	1040	....	927	526	643	241	276	355	377
31	1340	....	1140	1020	....	944	....	676	....	226	271	....
Mean	1389	1348	1111	984	1003	1004	773	605	385	174	354	387
Max.	1540	1520	1300	1140	1050	1310	991	1120	643	357	817	507
Min.	1210	1150	953	800	927	707	507	313	155	79	121	227
A.F.	85430	80210	68300	60490	55700	61740	46010	37190	22930	10700	21790	23050

Total acre-feet 573540

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR LISCO
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1280	1430	1480	1190	1230	1000	1140	777	687	255	232	255
2	1370	1430	1480	1220	1180	900	1140	825	652	248	210	232
3	1420	1400	1460	1250	1220	755	1160	813	639	225	174	280
4	1510	1380	1430	1280	1170	700	1210	837	606	180	154	264
5	1460	1440	1430	1310	1180	1000	1190	789	562	167	154	255
6	1440	1480	1460	1320	1180	1300	1110	684	519	141	167	272
7	1510	1520	1460	1240	1120	1250	1060	708	584	115	160	340
8	1570	1520	1460	1210	1120	1160	1070	684	606	104	154	435
9	1540	1540	1370	1160	1120	1150	1060	617	540	88	225	466
10	1510	1510	1370	1110	1140	1120	976	540	466	76	240	508
11	1480	1460	1360	1080	1100	1120	924	540	359	66	232	508
12	1490	1440	1340	1080	1070	1210	937	530	272	56	240	530
13	1460	1440	1300	1150	1060	900	963	584	240	52	272	530
14	1460	1480	1150	1210	1100	1300	989	639	210	76	617	530
15	1380	1510	1240	1100	1100	1250	976	595	255	104	540	573
16	1430	1510	1240	1080	1040	1210	885	540	306	88	530	498
17	1460	1520	1210	900	1020	1220	885	730	350	98	662	488
18	1460	1520	1190	950	1040	1380	873	825	332	232	477	456
19	1520	1540	1180	1000	1100	1370	937	789	519	98	466	416
20	1540	1520	1220	1270	1060	1310	937	617	435	122	435	397
21	1710	1400	1270	941	1020	1360	801	562	456	60	446	397
22	1650	1400	1120	836	1040	1380	813	466	456	48	708	388
23	1550	1490	1060	886	1060	1320	801	519	378	82	696	350
24	1550	1510	1110	1190	1100	1360	754	1100	264	210	530	340
25	1600	1480	1190	1310	1150	1360	730	1070	202	340	488	340
26	1570	1480	1180	1160	1120	1220	696	950	406	323	477	359
27	1620	1440	1160	1150	1060	1160	628	801	662	289	416	350
28	1580	1480	1110	1330	1000	1210	639	696	650	388	416	350
29	1580	1460	1120	1370	....	1150	650	662	498	397	416	340
30	1550	1460	1150	1280	....	1160	742	617	350	350	378	359
31	1510	....	1160	1240	....	1120	....	662	....	272	350	....
Mean	1508	1473	1273	1155	1104	1174	923	702	449	173	376	394
Max.	1710	1540	1480	1370	1230	1380	1210	1100	684	397	708	573
Min.	280	1380	1060	836	1000	700	628	466	202	48	154	232
A.F.	92750	87650	78270	71010	61290	72210	54890	43180	26710	10610	23130	23420

Total acre-feet 645120

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR OSHKOSH
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1110	1420	1470	1280	1100	1110	1290	788	732	352	270	229
2	1270	1410	1430	1300	1080	831	1270	860	706	288	210	191
3	1260	1400	1410	1170	1110	700	1290	831	597	254	155	249
4	1340	1380	1340	1270	1180	660	1320	788	580	192	116	230
5	1450	1480	1310	1340	1180	1130	1270	773	539	157	106	228
6	1450	1610	1270	1300	1160	1340	1200	773	500	134	97	209
7	1470	1590	1380	1280	1130	1400	1120	730	530	94	128	264
8	1486	1630	1500	1270	1200	1310	1140	702	515	102	129	345
9	1480	1610	1430	1260	1260	1170	1150	648	501	76	140	411
10	1540	1540	1520	1240	1260	1200	1120	520	437	67	186	422
11	1500	1480	1430	1180	1220	1200	1030	520	377	53	198	388
12	1500	1570	1430	1130	1220	1250	935	579	303	57	192	388
13	1500	1610	1470	1090	1260	1000	890	563	281	39	182	401
14	1500	1590	1170	1160	1240	1300	935	613	232	58	290	400
15	1470	1570	1240	1060	1200	1250	935	682	224	99	447	554
16	1540	1590	1340	824	1120	1200	980	797	219	53	434	563
17	1550	1570	1320	570	1140	1240	935	966	299	40	800	574
18	1550	1540	1260	576	1170	1340	950	847	334	133	572	550
19	1660	1560	1270	646	1140	1320	1030	905	379	166	416	472
20	1650	1540	1390	755	1030	1240	1170	834	433	128	363	461
21	2070	1520	1360	832	1110	1290	1010	710	373	124	572	434
22	1740	1560	1040	672	1120	1310	905	634	367	106	512	396
23	1630	1650	1010	680	1040	1260	890	609	353	97	724	360
24	1630	1570	897	750	1110	1310	846	893	285	100	601	359
25	1700	1500	1160	893	1090	1450	773	1040	220	188	501	348
26	1660	1470	1300	833	1090	1320	802	1030	281	248	476	338
27	1630	1470	1300	763	1040	1270	744	932	315	251	401	339
28	1590	1500	1220	934	1040	1270	648	712	518	316	342	340
29	1590	1450	1240	1100	.....	1310	634	697	480	328	354	347
30	1500	1450	1240	1090	.....	1280	715	657	425	378	332	435
31	1450	.....	1260	1070	.....	1260	.....	703	.....	290	299	.....
Mean	1529	1528	1303	1010	1144	1210	998	753	411	160	340	374
Max.	2070	1650	1520	1340	1260	1450	1320	1040	732	378	800	574
Min.	1110	1380	897	570	1030	660	634	520	219	39	97	191
A.F.	94020	90900	80150	62120	63550	74420	59360	46290	24470	9850	20920	22260

Total acre-feet 648310

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR LEWELLEN
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	982	1660	1530	1440	1670	1210	1420	866	796	356	218	257
2	1230	1640	1510	1580	1720	1070	1500	931	775	234	158	226
3	1240	1620	1500	1480	1710	1020	1460	933	702	217	130	290
4	1340	1640	1450	1410	1720	985	1410	886	659	181	111	284
5	1490	1660	1470	1600	1700	949	1350	861	631	137	113	274
6	1470	1790	1460	1650	1660	1010	1250	830	563	121	125	286
7	1450	1740	1490	1740	1500	1080	1200	772	657	109	139	288
8	1460	1760	1530	1810	1320	1150	1170	785	612	91	134	396
9	1490	1740	1500	1580	1310	1220	1150	749	585	63	146	445
10	1490	1730	1510	1240	1300	1230	1160	730	515	50	151	443
11	1510	1710	1570	1100	1300	1210	1100	684	414	48	164	443
12	1480	1660	1470	949	1300	1320	1060	659	336	57	177	457
13	1520	1630	1450	889	1300	1070	1040	627	252	44	181	467
14	1520	1620	1300	1050	1280	1100	1040	660	239	90	211	468
15	1510	1630	1350	1430	1250	1260	1050	689	241	133	363	532
16	1500	1610	1450	1150	1230	1450	1000	880	232	91	429	492
17	1540	1610	1570	920	1200	1470	969	1030	261	67	626	465
18	1580	1600	1450	980	1200	1490	976	895	316	85	648	446
19	1580	1600	1450	840	1210	1560	991	924	302	208	407	395
20	1650	1460	1500	860	1150	1440	1140	856	465	185	370	370
21	1950	1550	1600	1120	1160	1420	1030	721	387	148	492	357
22	1970	1600	1400	1060	1170	1440	928	642	381	154	478	351
23	1710	1700	711	926	1120	1470	907	625	373	144	567	352
24	1740	1650	987	961	1170	1530	871	680	341	144	584	346
25	1760	1650	1420	1150	1190	1590	825	1100	279	199	497	355
26	1730	1630	1580	1380	1190	1470	812	1090	249	323	449	346
27	1680	1610	1400	1320	1200	1400	812	1030	323	335	403	356
28	1690	1610	1410	1340	1190	1370	764	900	515	291	348	356
29	1720	1560	1320	1590	.....	1320	743	825	544	320	350	330
30	1690	1530	1390	1710	.....	1360	804	812	439	333	331	344
31	1670	.....	1340	1650	.....	1360	.....	802	.....	274	284	.....
Mean	1559	1640	1422	1287	1336	1291	1064	822	446	169	316	374
Max.	1970	1790	1600	1810	1720	1590	1500	1100	796	356	648	532
Min.	982	1460	711	840	1120	949	743	625	232	44	111	226
A.F.	95880	97590	87410	79150	74220	79390	63340	50530	26550	10380	19410	22250

Total acre-feet 706100

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1354500	1337000	1392800	1442600	1485100	1528300	1575800	1587000	1573000	1495900	1258600	1127500
2	1352000	1339500	1395400	1445200	1487800	1531000	1578600	1587000	1573000	1487800	1253800	1123000
3	1349500	1339500	1395400	1445200	1490500	1531000	1578600	1587000	1573000	1482400	1246600	1118500
4	1347000	1342000	1398000	1447800	1493200	1531000	1581400	1587000	1573000	1474400	1241800	1114000
5	1347000	1342000	1398000	1450500	1495900	1531000	1581400	1587000	1570200	1469000	1234600	1109500
6	1344500	1344500	1400600	1453200	1498600	1531000	1584200	1584200	1570200	1461100	1227400	1107200
7	1344500	1347000	1403200	1453200	1498600	1533800	1584200	1584200	1570200	1453200	1220300	1105000
8	1342000	1349500	1405800	1455800	1501300	1533800	1584200	1584200	1570200	1445200	1215600	1102800
9	1342000	1352000	1408400	1458400	1504000	1536600	1587000	1581400	1570200	1437200	1208500	1098200
10	1339500	1352000	1411000	1458400	1504000	1539400	1587000	1581400	1570200	1429300	1201500	1096000
11	1339400	1354500	1411000	1461100	1506700	1539400	1587000	1581400	1570200	1421400	1196800	1093800
12	1339400	1357000	1411000	1461100	1506700	1542200	1589800	1581400	1570200	1413600	1189800	1089200
13	1337000	1357000	1413600	1461100	1509400	1542200	1589800	1578600	1570200	1403200	1185000	1087000
14	1337000	1359500	1416200	1463800	1512100	1545000	1592700	1578600	1567400	1395400	1180300	1082600
15	1337000	1362000	1416200	1463800	1512100	1545000	1592700	1575800	1564100	1387600	1178000	1080400
16	1334500	1362000	1418800	1463800	1514800	1547800	1592700	1575800	1561800	1377200	1171100	1078200
17	1334500	1364500	1418800	1466400	1514800	1547800	1592700	1575800	1559000	1369500	1171100	1073800
18	1334500	1367000	1421400	1466400	1515700	1553400	1592700	1578600	1556200	1362000	1168800	1071600
19	1334500	1369500	1424000	1466400	1515700	1553400	1592700	1578600	1550600	1352000	1166500	1069400
20	1334500	1372000	1426600	1466400	1520200	1556300	1592700	1578600	1547800	1347000	1161900	1065000
21	1334500	1372000	1429300	1466400	1520200	1556200	1592700	1575800	1545000	1337000	1159600	1060600
22	1334500	1372000	1432000	1466400	1520200	1559000	1592700	1575800	1542200	1329500	1157300	1058400
23	1334500	1372000	1432000	1469000	1522900	1559000	1592700	1575800	1536600	1322000	1152700	1054000
24	1334500	1374600	1432000	1469000	1522900	1564100	1592700	1575800	1533800	1314600	1150400	1051800
25	1334500	1377200	1432000	1469000	1525600	1567400	1592700	1573000	1528300	1309300	1148100	1049600
26	1334500	1379800	1432000	1469000	1525600	1567400	1592700	1573000	1522900	1300000	1145800	1047400
27	1334500	1385000	1434600	1474000	1528300	1570200	1589800	1575800	1520200	1292600	1143500	1045200
28	1334500	1387600	1434600	1474000	1528300	1570200	1589800	1575800	1514800	1287700	1138900	1043000
29	1334500	1390200	1437200	1477000	.....	1573000	1587000	1575800	1509400	1280400	1136600	1040900
30	1334500	1390200	1439900	1479700	.....	1573000	1587000	1575800	1504000	1275400	1134300	1040900
31	1337000	.....	1442600	1482400	.....	1573000	.....	1575800	.....	1265800	1132000	.....

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR KEYSTONE
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	202	5	3	1	2	3	4	155	404	1640	1920	392
2	199	4	3	2	2	4	3	171	427	1530	1720	381
3	222	4	3	2	2	3	2	158	404	1680	1670	386
4	219	9	3	1	2	2	2	158	409	1800	1510	347
5	234	4	3	1	2	3	2	158	409	1780	1570	369
6	234	4	3	2	2	3	2	162	439	1790	1630	285
7	231	4	3	2	2	3	2	155	364	1880	1720	79
8	178	4	3	2	2	3	2	158	253	1960	1770	55
9	125	4	3	2	2	3	2	155	258	1980	1690	62
10	139	4	3	2	2	3	2	155	273	2100	1470	36
11	127	3	3	2	2	3	2	155	381	2170	1330	42
12	115	3	7	2	2	3	2	166	364	2160	1110	222
13	61	3	16	2	2	3	2	210	326	2160	1020	320
14	47	3	4	2	2	2	2	210	317	2200	586	433
15	38	2	3	2	2	2	7	239	451	2300	201	457
16	62	2	3	2	2	2	6	331	553	2380	294	364
17	50	2	3	2	2	3	26	358	511	2380	392	234
18	44	2	2	3	2	9	158	331	427	2400	398	253
19	30	2	2	3	3	6	175	258	258	2420	299	234
20	19	12	2	2	7	3	192	253	243	2240	284	248
21	60	9	2	2	3	3	196	219	248	2010	304	219
22	85	3	3	2	23	3	175	132	299	2040	315	229
23	22	5	2	2	4	3	155	144	369	1950	299	331
24	22	9	2	2	6	3	158	140	369	1870	263	583
25	79	9	2	3	9	4	155	155	381	1910	284	666
26	21	8	2	3	3	3	158	248	386	1880	320	666
27	41	3	2	2	4	3	155	263	631	1870	415	660
28	53	3	2	3	3	3	155	320	1270	1880	421	666
29	9	3	2	3	..	2	158	342	1730	1960	487	666
30	6	3	1	2	..	3	155	398	1830	1990	439	680
31	4	..	1	2	..	2	..	409	..	2000	392	..
Mean	96	4	3	2	4	3	74	221	499	2010	856	352
Max.	234	12	16	3	23	9	196	409	1830	2420	1920	680
Min.	4	2	1	1	2	2	2	132	243	1530	201	36
A.F.	5910	270	190	130	200	190	4390	13620	29720	123590	52610	20960

Total acre-feet 251780

SUTHERLAND RESERVOIR SYSTEM
Combined Storage in Sutherland and Regulator Reservoirs
Live Storage for Power in Acre-feet—Township 13 N., Ranges 30 and 33 W.
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	38483	62544	65665	60028	48641	49773	49778	44558	54660	41231	45170	62238
2	38224	62930	65755	59828	49223	49882	49463	44736	53596	42104	45899	62387
3	38269	63139	65757	59885	49707	49171	49586	45093	52565	42285	45713	61495
4	38360	63583	66140	59914	49880	48763	49914	45296	52168	42627	45305	61257
5	38385	63765	65969	60028	50463	48104	49775	45434	49850	42574	44347	61654
6	38987	64325	65795	60198	50753	48120	49659	45892	48789	42622	43738	61396
7	39475	64095	66008	60313	50917	48350	49546	46619	48668	42497	43968	61585
8	39973	63917	65730	60427	50912	48492	49336	47508	47917	42512	44241	61268
9	41085	64036	65923	60658	50810	48518	48805	47922	46455	43005	44707	61061
10	41393	64069	65220	60600	51137	48696	48559	48177	45155	43101	45495	60944
11	42025	64042	65033	60229	51164	48900	48575	49127	43643	43550	45528	61401
12	42666	64250	63855	59805	50744	48977	48397	49380	41882	43026	46221	61168
13	43717	64456	64652	59320	50744	49264	48236	49863	40146	43949	47645	61598
14	44816	65016	64784	58749	51338	49034	47963	50258	39085	43805	48380	61603
15	45397	65399	64465	58435	50857	48881	47810	50333	37603	43930	49069	62128
16	46438	65606	64282	58200	51365	49111	47616	50492	36589	43525	49272	62048
17	46974	65725	64511	57374	51251	49103	47928	51349	35682	43014	50827	60964
18	47586	66081	64333	56720	50968	49111	47306	53301	36232	42701	52123	63911
19	48605	65817	63862	56491	50886	49418	47365	54354	37241	42556	53164	63060
20	49421	65757	64006	54865	50804	49659	46475	55537	37577	42239	54507	64033
21	50559	65464	64092	52749	50422	49710	45194	56168	37936	41897	55194	64862
22	51958	65121	63598	52345	50335	49961	44964	56779	38730	42345	56709	65075
23	53022	65062	62706	52581	50117	49910	44895	56716	39642	42724	57482	65676
24	54085	64889	62102	51825	49953	49986	44895	57602	40726	43545	58320	65665
25	55334	64563	61579	50850	49708	49863	44768	57604	41498	43677	59612	64842
26	56781	64528	61104	50269	49931	49996	44513	57093	41839	43786	59984	64312
27	58299	64960	61381	49299	49741	50067	44217	57293	41693	44254	59735	63674
28	59583	65369	61578	49255	49773	50067	44472	57150	41392	45291	60181	63431
29	61693	65517	61054	49119	.....	50121	44215	56807	41328	45739	60334	62060
30	61891	65636	60178	48490	.....	49788	44558	56635	41014	45308	61106	61685
31	62544	.....	60117	48380	.....	49582	.....	55764	.....	45788	61704	.....

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR SUTHERLAND—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	47	164	144	165	145	136	133	60	99	1520	1810	47
2	44	158	140	152	162	80	125	73	246	1400	1860	35
3	60	155	148	145	151	99	125	91	215	1160	1510	30
4	59	184	164	151	140	120	125	99	184	1220	1440	41
5	77	174	140	162	133	180	118	95	177	1360	1250	62
6	89	194	160	168	138	160	114	56	177	1400	1330	279
7	105	212	180	158	141	140	112	44	226	1390	1400	204
8	93	184	160	161	144	133	109	46	190	1330	1480	103
9	87	184	153	151	141	138	107	46	114	1360	1620	60
10	84	187	183	139	144	150	105	46	35	1450	1480	31
11	80	180	173	134	136	125	103	46	20	1640	1170	19
12	73	174	146	121	138	118	105	44	32	1810	1020	14
13	73	161	165	113	147	70	112	42	69	1840	870	13
14	67	150	128	114	144	100	107	38	93	1770	820	17
15	67	141	158	111	138	180	85	37	89	1740	397	91
16	87	138	144	100	136	155	80	100	103	1720	107	190
17	87	141	142	105	138	155	75	427	147	1860	128	177
18	87	141	153	118	141	158	75	366	130	1940	138	75
19	87	140	162	119	138	180	85	315	103	1980	112	59
20	87	135	168	112	138	161	128	144	43	2060	55	35
21	226	135	158	117	152	147	161	105	26	2060	26	24
22	215	135	140	116	141	147	147	93	20	1830	28	16
23	215	190	138	122	155	147	144	75	21	1860	28	14
24	201	195	138	115	147	164	93	44	20	1750	22	58
25	194	187	145	108	136	177	87	31	21	1620	17	284
26	215	177	145	100	144	155	55	28	20	1560	15	404
27	184	171	140	113	133	138	44	24	19	1590	15	457
28	187	164	125	115	128	125	47	22	173	1670	29	620
29	197	147	147	116	.....	121	50	23	800	1670	31	545
30	174	141	147	120	.....	152	55	30	1360	1720	128	560
31	164	.....	152	130	.....	141	.....	72	.....	1740	107	.....
Mean	120	165	151	128	142	140	100	89	166	1646	659	152
Max.	226	212	183	168	162	180	161	427	1360	2060	1860	620
Min.	44	135	125	100	128	70	44	22	19	1160	15	13
A.F.	7360	9800	9290	7880	7870	8630	5970	5480	9860	101200	40550	9050

Total acre-feet 222940

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER NEAR NORTH PLATTE—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	212	379	442	402	413	393	393	372	332	1400	1740	332
2	218	393	458	419	445	300	379	450	421	1520	1820	264
3	212	407	420	389	466	340	352	480	502	1330	1740	240
4	229	435	335	424	494	390	358	435	435	1270	1500	258
5	252	428	389	415	470	440	352	379	421	1360	1380	320
6	246	428	465	433	425	480	346	332	379	1450	1350	365
7	276	590	484	405	386	393	332	270	480	1450	1480	526
8	288	502	452	386	400	372	313	240	542	1490	1500	472
9	282	488	372	386	400	386	326	234	414	1460	1580	372
10	258	495	413	365	400	352	313	258	224	1550	1610	300
11	240	495	426	340	365	372	313	252	185	1640	1400	246
12	234	465	387	320	358	379	320	240	175	1740	1200	229
13	229	435	458	330	400	300	313	246	185	1820	1040	207
14	252	428	357	317	386	400	300	218	190	1800	993	185
15	264	442	394	260	386	550	276	207	240	1800	850	218
16	288	435	381	250	379	510	246	246	218	1750	526	294
17	358	414	355	255	372	465	240	472	294	1750	472	358
18	372	400	415	260	379	450	252	702	372	1800	480	320
19	372	421	497	260	372	472	288	518	407	1920	428	258
20	379	410	539	240	320	428	372	435	379	1960	358	240
21	534	400	495	220	358	407	400	365	332	2080	313	207
22	542	400	440	224	372	407	400	332	212	2050	313	224
23	480	525	385	260	358	400	386	282	180	1960	306	224
24	502	540	473	309	414	442	346	282	145	1860	282	240
25	495	520	505	321	393	472	339	207	117	1750	252	288
26	480	510	462	297	400	407	326	212	126	1600	246	472
27	488	495	431	282	393	379	300	240	117	1630	196	632
28	450	472	356	346	379	352	288	246	126	1640	175	850
29	450	442	356	394	.....	332	300	240	436	1630	276	794
30	421	421	370	392	.....	379	332	264	1090	1630	428	738
31	386	.....	379	390	.....	407	.....	365	.....	1640	414	.....
Mean	345	454	422	332	396	405	327	323	323	1669	860	356
Max.	542	590	539	433	494	550	400	702	1090	2080	1820	850
Min.	212	379	335	220	320	300	240	207	117	1270	175	185
A.F.	21200	27000	25970	20410	21980	24900	19440	19880	19190	102600	52860	21170

Total acre-feet 376600

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER NEAR JULESBURG, COLORADO—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	39	133	356	288	370	259	246	49	42	19	17	16
2	41	129	352	299	339	247	251	83	37	19	15	16
3	37	120	347	302	330	167	231	140	32	20	15	16
4	44	126	328	302	317	196	215	187	30	19	15	16
5	54	141	321	301	306	255	203	175	27	17	16	16
6	53	140	306	311	291	286	203	115	27	18	16	14
7	57	166	313	313	276	309	200	74	31	17	16	14
8	52	167	301	313	274	281	185	55	38	18	16	18
9	52	166	279	308	269	275	165	45	32	17	16	24
10	52	163	297	310	271	256	149	43	27	16	16	23
11	55	155	270	319	270	238	136	45	24	15	15	19
12	69	153	294	313	260	198	130	44	30	15	15	16
13	77	150	308	293	279	141	116	44	36	15	15	15
14	97	148	300	295	280	130	84	43	32	15	15	16
15	120	151	334	294	280	259	75	45	34	13	16	94
16	128	154	321	285	275	294	68	100	39	15	19	57
17	118	152	317	319	223	296	66	109	30	13	23	31
18	108	149	317	245	221	313	58	87	28	15	18	25
19	106	158	320	216	190	295	60	69	28	15	18	22
20	120	121	322	162	165	289	65	65	26	16	18	22
21	134	124	314	175	165	282	57	60	30	16	19	22
22	160	180	300	218	156	284	48	58	31	16	16	22
23	128	245	312	266	166	275	48	58	25	17	14	20
24	131	353	322	299	228	261	47	55	21	16	13	20
25	141	441	314	256	252	266	41	49	20	15	14	20
26	147	442	304	252	258	254	45	45	20	15	16	21
27	138	417	292	252	250	247	45	44	20	15	17	21
28	129	399	298	298	251	239	46	39	23	15	16	22
29	128	387	300	375	.....	196	41	36	21	16	16	23
30	133	372	302	439	.....	194	45	36	17	17	16	27
31	133	...	297	388	...	211	...	38	...	16	15	...
Mean	96	210	312	291	258	248	112	69	29	16	16	23
Max.	160	442	356	439	370	313	251	187	42	20	23	94
Min.	37	120	270	162	156	130	41	36	17	13	13	14
A.F.	5910	12500	19160	17860	14300	15260	6680	4230	1700	994	996	1400

Total acre-feet 100990

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER NEAR PAXTON
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	5	8	8	8	8	10	7	8	3	4	2
2	3	5	8	8	10	6	10	8	8	2	4	2
3	3	5	8	8	9	7	8	18	8	2	4	2
4	3	6	8	8	10	8	8	15	8	3	3	2
5	3	7	9	8	10	8	9	10	7	3	3	2
6	3	8	9	8	9	8	8	10	8	3	3	2
7	2	8	10	8	8	15	8	8	7	3	4	2
8	3	8	9	8	8	10	8	8	7	3	3	3
9	3	8	8	9	8	9	8	7	6	2	3	3
10	4	8	9	8	8	8	8	7	7	2	3	3
11	3	8	10	8	8	8	10	7	6	2	3	3
12	3	8	10	8	7	8	10	7	6	2	3	2
13	3	8	12	8	12	7	10	7	6	2	3	3
14	4	7	10	9	10	10	8	7	6	2	3	3
15	3	7	10	8	9	10	8	9	7	2	2	3
16	3	7	8	8	8	10	8	33	7	3	2	3
17	2	7	8	8	8	10	8	43	10	3	3	3
18	2	7	8	8	8	10	8	29	8	3	3	3
19	2	7	10	8	8	21	8	25	8	3	2	3
20	3	7	12	6	7	16	8	22	6	3	3	3
21	4	7	12	7	8	12	7	18	6	2	3	2
22	3	8	8	8	8	11	7	16	5	2	3	3
23	3	8	9	8	8	11	7	15	5	3	3	3
24	3	8	10	7	8	12	6	14	4	2	3	3
25	3	8	8	6	8	12	6	12	4	3	3	3
26	3	9	16	7	8	11	6	12	4	3	3	3
27	4	8	14	7	8	10	6	12	4	3	3	3
28	4	8	10	8	8	10	6	10	3	3	2	4
29	4	8	10	8	..	10	6	10	3	3	2	3
30	5	8	9	8	..	10	7	10	3	3	2	3
31	5	...	8	8	..	10	...	9	...	3	2	...
Mean	3	7	10	8	8	10	8	14	6	3	3	3
Max.	5	9	16	9	12	21	10	43	10	3	4	4
Min.	2	5	8	6	7	6	6	7	3	2	2	2
A.F.	200	440	590	480	470	630	470	840	370	160	180	160

Total acre-feet 4990

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER NEAR NORTH PLATTE—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	126	132	155	154	154	150	147	164	164	103	96	110
2	126	128	150	153	154	144	139	162	176	98	98	103
3	124	142	145	152	154	144	139	159	170	98	98	105
4	130	137	150	150	153	137	139	153	164	103	90	107
5	135	152	155	150	153	137	139	150	153	100	92	119
6	132	166	160	153	150	137	137	150	150	98	90	116
7	132	161	168	154	147	137	137	142	147	92	98	114
8	128	151	167	154	147	137	137	137	142	92	103	112
9	128	156	164	150	153	142	134	137	139	90	116	114
10	142	156	164	157	150	142	126	142	139	96	114	116
11	142	151	162	159	147	142	131	144	131	98	105	116
12	139	158	164	160	147	156	134	147	134	88	105	116
13	148	153	169	160	153	114	137	142	137	86	110	121
14	151	151	166	157	156	179	137	139	144	80	110	119
15	142	148	159	150	156	164	134	139	156	80	103	126
16	139	148	157	125	153	159	131	162	150	82	100	129
17	135	146	159	130	150	156	131	204	150	78	105	116
18	130	144	161	135	150	156	131	226	150	76	119	112
19	126	156	163	135	150	162	129	236	144	82	121	112
20	132	158	167	120	147	153	131	233	142	76	116	114
21	156	153	168	110	144	156	131	226	134	76	119	121
22	153	153	150	114	144	150	131	207	126	88	116	121
23	146	153	158	120	142	150	147	188	119	90	114	121
24	146	158	172	110	144	153	144	173	112	88	112	119
25	142	151	166	120	147	153	139	170	107	92	114	124
26	132	148	162	125	147	150	137	170	107	88	107	129
27	137	151	160	130	150	144	139	167	105	94	105	121
28	132	150	159	145	147	144	142	164	100	98	100	139
29	132	149	156	165	.....	142	139	162	107	96	103	144
30	132	148	153	162	.....	147	153	162	107	96	112	147
31	132	...	152	162		144		164		90	112	
Mean	136	150	160	143	150	148	137	168	137	90	107	119
Max.	156	166	172	165	156	179	153	236	176	103	121	147
Min.	124	128	145	110	142	114	126	137	100	76	90	103
A.F.	8380	8940	9840	8770	8310	9090	8140	10360	8140	5540	6550	7110

Total acre-feet 99170

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND SOUTH PLATTE RIVERS NEAR NORTH PLATTE
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1768	1072	1326	1289	1442	1312	1209	1376	1159	2908	3139	1404
2	1837	1156	1338	1448	1402	1183	1182	1277	1306	2902	3382	1489
3	1645	1275	1233	1310	1325	1431	1151	1403	1402	2722	3213	1560
4	1800	1227	1286	1389	1481	1358	1110	1343	1421	2853	3073	1718
5	1777	1261	1312	1434	1397	1295	1160	1267	1471	2966	3061	1583
6	1669	1368	1258	1370	1434	1332	1222	1182	1212	3083	2933	1663
7	1658	1567	1403	1362	1214	1133	1270	1107	1531	3031	3050	1898
8	1686	1171	1363	1335	1394	1264	1237	995	1621	3160	2846	1901
9	1666	1373	1350	1338	1301	1254	1244	887	1475	3010	2981	1742
10	1619	1321	1373	1192	1236	1196	1215	1098	1269	3139	2934	1717
11	1538	1273	1374	1401	1272	1254	1058	1046	1240	3220	2609	1675
12	1561	1183	1300	1379	1320	1260	1130	1052	1366	3331	2356	1560
13	1469	1185	1290	1407	1287	1156	1099	1166	1062	3471	2191	1571
14	1511	1156	1329	1391	1191	1185	1115	1102	1354	3540	2162	1558
15	1470	1129	1362	1253	1342	1470	1121	1046	1408	3426	2161	1530
16	1519	1213	1336	1203	1341	1426	1190	933	1511	3431	1974	1663
17	1555	1278	1346	1221	1235	1234	1155	1382	1605	3485	1749	1686
18	1495	1165	1429	1391	1301	1236	1021	1579	1763	3366	1685	1559
19	1546	1255	1393	1260	1344	1282	1331	1396	1778	3595	1497	1268
20	1571	1292	1401	1421	1184	1208	1466	1291	1714	3662	1369	1440
21	1712	1367	1590	1436	1117	1207	1506	1263	1692	3685	1164	1351
22	1722	1323	1523	1281	1336	1323	1548	1121	1538	3632	1173	1419
23	1531	1320	1399	1385	1300	1316	1596	927	1572	3378	1316	1381
24	1515	1301	1400	1311	1299	1377	1490	1064	1519	3294	1176	1368
25	1341	1199	1348	1731	1305	1375	1430	1057	1515	3038	1078	1436
26	1418	1063	1296	1464	1302	1344	1552	981	1757	3106	1068	1577
27	1413	1247	1250	1369	1226	1207	1519	1058	1666	2974	1086	1586
28	1407	1183	1451	1388	1113	1198	1388	1075	1868	3212	1107	1739
29	1254	1124	1389	1539	.....	1351	1413	1057	2232	3243	1277	1507
30	1218	1242	1420	1623	.....	1334	1394	995	2800	3261	1522	1420
31	1164		1402	1414		1229		1055		3196	1452	
Mean	1550	1243	1364	1379	1301	1282	1284	1148	1561	3236	2058	1566
Max.	1837	1567	1590	1731	1481	1470	1596	1579	2800	3685	3382	1901
Min.	1164	1063	1233	1192	1113	1133	1021	887	1062	2722	1068	1268
A.F.	95320	73960	83840	84760	72280	78800	76410	70570	92880	198980	126510	93160

Total acre-feet 1147470

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR BRADY
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	114	128	150	257	370	170	157	188	128	684	1030	81
2	101	122	146	206	372	135	204	203	155	857	1040	81
3	115	121	142	180	364	120	168	197	144	709	1140	118
4	96	151	125	186	353	219	160	185	176	659	934	103
5	99	145	178	181	388	299	152	163	137	790	801	206
6	114	126	161	173	343	249	146	157	123	897	837	141
7	102	200	164	173	344	217	143	150	112	797	799	143
8	102	185	153	218	329	179	143	186	113	896	931	205
9	98	177	136	154	258	149	206	151	108	947	788	216
10	95	167	153	131	160	134	161	147	97	782	863	188
11	93	168	198	160	187	139	148	144	146	948	744	151
12	88	164	165	151	279	193	145	139	97	991	529	112
13	86	203	182	145	214	126	139	136	90	1080	390	90
14	88	168	131	141	177	167	139	205	90	1210	288	88
15	95	156	174	188	166	233	143	207	92	1200	260	86
16	101	151	156	126	174	197	202	248	88	1200	299	93
17	101	145	156	220	158	183	147	289	114	1220	211	167
18	104	140	196	201	169	187	142	291	111	1230	183	127
19	105	140	182	204	289	245	141	248	108	1280	139	94
20	106	105	185	178	241	180	146	210	102	1410	123	75
21	172	140	152	220	198	169	160	245	103	1450	107	67
22	150	190	112	252	173	152	171	185	191	1540	106	67
23	134	231	95	269	182	155	242	150	122	1600	157	62
24	143	225	145	249	175	154	167	147	105	1320	111	116
25	157	185	179	240	163	162	146	141	163	1230	99	84
26	145	164	247	340	272	211	134	143	111	1030	90	79
27	208	155	256	350	183	155	140	137	101	1050	127	94
28	153	209	252	341	170	149	135	151	103	975	84	134
29	146	162	242	355	.....	147	139	133	136	1030	80	126
30	189	151	196	401	.....	175	222	132	224	1080	99	115
31	139	.....	193	378	.....	164	.....	129	.....	1000	92	.....
Mean	121	162	171	225	245	178	160	179	123	1067	435	117
Max.	208	231	256	401	388	299	242	291	224	1600	1140	216
Min.	86	105	95	126	158	120	134	129	88	659	80	62
A.F.	7420	9670	10520	13820	13590	10940	9500	10980	7320	65640	26740	6960

Total acre-feet 193100

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR COZAD
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	102	238	333	472	277	292	159	13	20	19	13
2	8	85	238	353	447	229	306	197	15	66	18	12
3	8	82	230	306	433	140	319	204	13	27	15	12
4	10	90	157	289	443	156	270	201	12	12	13	12
5	10	93	223	289	444	315	253	190	14	10	13	11
6	9	88	270	294	433	371	243	170	18	9	13	12
7	9	166	312	294	405	351	236	156	11	9	15	11
8	9	278	298	279	404	306	231	156	10	10	18	11
9	88	292	250	270	386	300	236	163	10	10	30	12
10	110	272	269	207	365	298	263	133	10	12	33	11
11	87	243	278	188	311	297	240	131	9	13	33	11
12	80	240	309	191	283	270	223	127	9	13	32	11
13	76	280	299	205	330	259	206	120	11	12	34	11
14	73	287	255	209	293	258	176	100	64	12	34	9
15	71	268	260	201	283	272	175	156	35	13	35	11
16	76	226	270	238	278	310	206	220	21	14	35	10
17	73	250	260	283	278	314	231	260	28	14	36	10
18	75	231	275	258	283	319	206	246	33	15	224	9
19	75	230	303	266	313	333	213	219	18	16	150	9
20	67	222	309	260	318	315	175	91	12	15	105	8
21	119	235	317	217	287	295	192	39	11	15	90	8
22	164	266	169	237	285	291	190	67	11	19	72	7
23	76	281	152	266	272	293	219	42	11	63	60	7
24	74	312	251	278	276	313	275	17	11	90	39	7
25	71	288	354	269	272	298	238	13	8	18	32	7
26	69	277	386	235	291	284	202	15	9	14	24	8
27	113	267	382	288	316	309	93	27	8	12	15	13
28	182	267	352	333	277	280	68	16	11	13	14	10
29	137	274	326	355	.....	262	95	12	11	13	14	7
30	110	248	327	360	.....	263	115	12	14	12	14	8
31	155	.....	333	433	.....	277	.....	12	.....	16	12	.....
Mean	74	225	279	274	338	286	213	119	16	20	42	10
Max.	182	312	386	433	472	371	319	260	64	90	224	13
Min.	8	82	152	188	272	140	68	12	8	9	12	7
A.F.	4550	13370	17160	16830	18800	17560	12670	7320	930	1200	2560	590

Total acre-feet 113540

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR OVERTON
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	183	1120	1160	1200	1400	700	1280	752	536	66	224	183
2	278	1280	1170	1140	1450	500	1280	958	552	72	154	159
3	87	1370	1180	1110	1500	569	1180	958	405	72	138	128
4	158	1120	1190	1230	1460	1000	1060	895	297	80	177	219
5	110	1190	1200	1300	1440	1300	1230	832	237	84	183	159
6	277	1500	1200	1460	1390	1470	1210	1080	271	122	224	106
7	224	1140	1150	1320	1370	1400	1400	1080	246	149	210	106
8	298	1100	1200	1350	1540	1520	1380	962	230	128	183	102
9	242	1190	1230	1370	1440	1530	460	812	246	122	170	110
10	323	1040	1320	1100	1510	1640	382	956	291	177	144	128
11	263	1000	1320	1200	1330	1640	826	895	263	183	122	122
12	377	1070	1330	1150	1450	1500	1120	895	335	286	122	113
13	467	1190	1490	1200	1450	1200	951	714	246	181	98	98
14	542	1210	1420	1200	1390	1100	958	752	271	204	447	95
15	525	1130	1420	1180	1520	1190	1240	695	289	246	410	95
16	672	1160	1330	1150	1290	1150	874	979	289	246	538	98
17	720	1260	1360	1100	1320	1120	752	1120	289	230	722	102
18	814	1140	1370	1000	1220	1260	853	1140	297	224	837	95
19	886	1140	1320	879	1470	1320	916	1260	306	264	1120	91
20	786	1070	1360	616	1440	1050	895	1170	217	224	1200	74
21	905	1030	1490	678	1270	1000	771	1080	190	217	1240	76
22	839	1000	700	753	1490	1160	695	916	197	224	847	106
23	846	950	550	820	1480	1200	638	874	190	197	743	165
24	801	1100	730	973	1440	1430	584	916	138	190	669	197
25	903	1340	922	1050	1300	1300	584	874	98	144	581	197
26	1000	1170	1230	1140	1300	1270	705	695	84	149	588	190
27	1120	1130	1400	1240	1200	1360	676	584	72	217	614	177
28	1110	1140	1510	1300	1000	1200	638	552	70	230	542	177
29	1350	1140	1590	1280	.....	1100	695	504	72	217	531	113
30	1280	1150	1520	1310	.....	1150	790	472	72	190	470	125
31	1160		1300	1310		1200		568		204	254	
Mean	631	1152	1247	1133	1388	1211	901	869	243	179	468	130
Max.	1350	1500	1590	1460	1540	1640	1400	1260	552	286	1240	219
Min.	87	950	550	616	1000	500	382	472	70	66	98	74
A.F.	38770	68570	76680	69640	77080	74440	53600	53430	14470	10990	28760	7750

Total acre-feet 574180

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR ODESSA
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	158	956	1230	1090	1370	995	1080	839	267	0	6	60
2	148	956	1260	1030	1630	700	1230	1400	416	0	3	38
3	158	1120	1200	1290	1830	803	1190	878	335	0	0	17
4	116	1210	1300	1130	1990	900	1190	800	245	0	0	15
5	109	1100	1300	1180	1850	1100	1080	782	204	0	0	5
6	130	1080	1390	1320	1670	1210	1230	917	185	0	0	3
7	194	1000	1220	1280	1780	1230	1230	839	185	0	5	1
8	245	1230	1380	1090	1540	956	1260	878	176	0	4	2
9	312	1120	1510	968	1500	1080	956	748	148	0	5	6
10	312	1350	1430	1080	1470	1210	324	578	130	0	2	2
11	376	1330	1440	1050	1330	1330	267	695	139	0	4	1
12	312	1330	1680	1130	1260	1250	532	548	95	0	5	0
13	362	1260	1570	1090	1440	1100	765	516	158	0	5	0
14	402	1280	1500	1050	1060	1200	712	402	167	0	38	0
15	389	1230	1480	1120	1190	1420	936	416	376	0	290	1
16	486	1100	1430	920	1330	1150	782	800	176	0	362	3
17	625	1210	1390	960	1230	1300	594	976	130	0	532	1
18	678	1230	1480	1040	1210	1150	563	976	102	0	516	0
19	610	1300	1530	1010	1200	1350	563	820	123	0	610	0
20	594	1280	1460	1080	1150	1150	594	820	95	0	878	0
21	800	1080	1400	1040	1200	995	748	858	51	0	936	0
22	695	1120	700	1120	1300	995	456	678	30	0	839	0
23	730	1080	503	1090	1300	1190	443	748	15	5	532	0
24	858	1170	675	1030	1150	1060	312	501	5	2	389	0
25	898	1170	936	1060	1100	1100	256	578	2	0	290	0
26	858	1150	1100	1060	1230	1200	204	416	0	0	233	0
27	1060	956	1020	1050	1280	1150	267	376	0	0	222	3
28	1040	1190	1020	1040	976	1100	324	324	0	0	267	3
29	936	1230	1020	1040	.....	1050	430	290	0	0	213	3
30	1040	1080	1150	1160	.....	1050	532	267	0	0	158	2
31	956		1040	1390		1080		301		0	109	
Mean	535	1163	1250	1096	1377	1115	702	676	132	0	240	6
Max.	1060	1350	1680	1320	1990	1420	1260	1400	416	5	936	60
Min.	109	956	503	920	976	700	204	267	0	0	0	0
A.F.	32900	69220	76850	67410	76490	68530	41750	41580	7840	10	14780	330

Total acre-feet 497690

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR GRAND ISLAND
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	591	1390	1340	1360	1820	1620	837	392	0	0	133
2	0	562	1260	1400	1390	1450	1370	1760	734	0	0	70
3	0	562	1220	1560	1590	1200	1210	2020	750	0	0	31
4	0	591	958	1660	1630	900	1230	1500	718	0	0	8
5	0	750	644	1670	1740	571	1170	1190	532	0	0	0
6	0	684	880	1640	1930	2200	1130	1070	406	0	0	0
7	0	562	1020	1710	1930	1920	911	966	228	0	0	0
8	0	547	1090	1710	2060	1590	1070	930	213	0	0	0
9	0	1550	1160	1480	2330	1190	1150	892	517	0	0	0
10	0	1030	1220	365	2680	1260	1210	874	264	0	0	0
11	0	911	1090	428	2690	1320	767	856	159	0	0	0
12	0	1070	978	518	2430	1320	340	784	122	0	0	0
13	0	1070	1020	633	2370	1200	378	784	128	0	0	0
14	0	1110	1080	570	2260	1080	606	701	122	0	0	0
15	0	1070	1240	558	1760	1100	701	684	192	0	0	0
16	0	1050	1360	605	1480	1460	701	1050	220	0	0	0
17	0	1010	1340	585	1500	1260	818	966	1030	0	1	0
18	0	892	1380	548	1640	1150	750	1010	488	0	0	0
19	0	1110	1390	511	1590	1070	718	1010	235	0	0	0
20	0	874	1290	559	1590	1150	718	966	165	0	0	0
21	0	760	1170	547	2490	1190	1170	874	138	0	19	0
22	54	850	198	563	3000	1010	1050	856	117	0	206	0
23	235	1000	229	591	2150	1010	948	1010	87	0	365	0
24	235	1200	316	656	2120	1210	750	1050	47	0	461	0
25	253	1460	490	705	1990	1230	767	837	25	0	392	0
26	365	1320	788	775	1890	1460	684	684	12	0	329	0
27	433	1370	1180	809	1920	1370	562	734	4	0	286	0
28	433	1320	1220	920	2020	1280	562	562	0	0	228	0
29	576	1190	1190	1050	.....	1070	606	474	0	0	192	0
30	547	1300	1190	1190	.....	1170	652	488	0	0	177	0
31	532	.....	1330	1310	.....	1840	.....	392	.....	0	177	.....
Mean	118	979	1042	941	1983	1292	877	929	268	0	91	8
Max.	576	1550	1390	1710	3000	2200	1620	2020	1030	0	461	133
Min.	0	547	198	365	1360	571	340	392	0	0	0	0
A.F.	7270	58250	64090	57850	110140	79440	52200	57150	15960	0	5620	480

Total acre-feet 508450

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR DUNCAN
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	3	1110	1360	873	2280	1390	720	401	24	1	37
2	0	161	1190	1300	910	2140	2190	1410	725	20	2	26
3	0	401	1400	1290	957	1400	1700	1970	798	20	1	13
4	0	467	1300	1340	1300	1000	1490	2380	852	20	1	6
5	0	500	1250	1500	1910	950	1270	1830	834	17	1	3
6	0	580	1130	1540	2350	1780	1310	1570	690	14	1	3
7	0	750	880	1560	2880	2050	1090	1290	434	14	1	2
8	0	780	1080	1570	3330	2110	1060	1130	304	12	1	3
9	0	880	1260	948	3250	1800	1240	1090	445	9	1	5
10	1	1090	1510	686	3140	1410	1110	1090	456	11	1	3
11	1	1270	1450	554	2970	1090	1190	1170	434	6	3	3
12	1	906	1380	451	2300	1130	1540	1130	278	4	4	2
13	1	1060	1140	400	1800	1270	942	1040	182	4	3	2
14	1	1110	1130	410	2050	1360	552	888	104	4	3	1
15	1	1110	1120	422	2020	1290	645	780	80	3	1	1
16	1	1110	1020	561	2000	1150	816	798	70	2	1	3
17	2	1150	1450	680	1720	1910	888	798	319	2	4	1
18	2	1110	1500	669	1620	1640	816	1240	1150	1	2	1
19	2	1170	1630	596	1750	1290	942	1240	1130	1	1	1
20	2	1220	1470	547	2140	1290	834	1170	690	1	1	1
21	2	981	1300	488	2080	1310	1170	1190	705	1	1	1
22	1	816	500	530	2020	1360	1220	1090	617	1	5	1
23	1	785	250	519	2980	1310	1620	960	526	1	3	1
24	2	1340	280	525	2600	1220	1150	960	434	1	17	0
25	2	1620	600	530	2440	1270	960	1190	236	0	232	1
26	2	1440	830	570	2440	1460	735	1170	104	0	456	1
27	2	1290	845	600	2310	1540	690	906	56	0	412	1
28	3	1190	875	650	2250	1540	617	720	37	0	252	1
29	3	1110	1010	700	.....	1360	565	765	32	0	175	1
30	2	1020	1210	740	.....	1040	591	630	26	0	140	1
31	3	.....	1280	800	.....	1060	.....	445	.....	0	80	.....
Mean	1	947	1109	808	2157	1445	1078	1121	438	6	58	4
Max.	3	1620	1630	1570	3330	2280	2190	2380	1150	24	456	37
Min.	0	3	250	400	873	950	552	445	26	0	1	0
A.F.	70	56370	68190	49660	119780	88880	64130	68950	26080	380	3590	240

Total acre-feet 546320

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR NORTH BEND
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1400	2040	4040	4730	1510	5180	3840	3450	2630	1670	661	1600
2	1530	2200	3980	4430	1760	5000	4160	5780	2770	2300	512	1610
3	1220	2330	4220	4310	1960	3670	4460	6400	3560	1850	971	1320
4	1200	2440	4190	4370	2380	2890	4070	6280	3950	1810	997	1380
5	1300	2490	4070	4430	2890	2790	3730	5780	3780	1670	868	1610
6	1360	2670	3400	4340	3620	3090	3700	5360	4130	1180	784	1210
7	1280	2920	2870	4190	4340	4340	3620	4820	3170	1090	1140	1240
8	1410	3190	2790	4190	5030	6160	3430	4520	2720	1200	2330	1260
9	1610	3020	2670	3220	5780	5990	3540	4520	2650	984	2490	1680
10	1460	3270	3920	2380	6520	5540	3750	4100	2940	1070	2270	1680
11	1530	3430	4850	2160	7120	4940	3670	4220	2770	1090	1810	1480
12	1360	3810	3980	2100	7400	4460	3320	4130	3370	958	1760	1900
13	1440	3620	4520	1770	7600	3950	3300	3780	2310	932	1700	1650
14	1380	3780	3670	1680	7600	3750	3220	3450	2220	694	1510	1720
15	1510	4070	3540	1630	7360	3890	2870	3220	2380	383	1720	1530
16	1560	3730	3810	1400	7080	4340	3190	3300	4640	522	1180	1530
17	1650	3950	3400	1300	6720	4070	3620	2770	4370	428	1380	1770
18	1670	3890	3400	1300	5960	4670	4040	3590	12200	600	2200	1940
19	1650	4040	3350	1300	5320	4850	3040	3810	7980	248	1720	1920
20	1540	4460	3840	1300	4880	4610	3240	3450	4520	365	1770	1200
21	1830	3300	2840	1200	4730	4850	3870	3370	3190	446	1850	1670
22	1770	3840	1870	1090	5540	4490	3600	3170	2870	493	1790	1530
23	1670	4040	2100	1040	5820	4460	4800	3140	3120	455	1560	1810
24	1920	3510	1900	1120	6480	4580	4600	3040	2790	502	1380	1580
25	2700	4400	1700	1120	5740	4430	4200	3140	2850	772	1600	1540
26	2270	4760	2120	1200	5180	4220	3600	3640	1830	796	1850	1650
27	2080	4460	2540	1150	5220	4520	3200	3350	1770	661	1530	1480
28	2160	4310	2700	1210	5120	4730	3100	3430	1530	760	1830	2000
29	2020	4250	3350	1270	.....	4040	3060	3430	1240	784	1790	1760
30	2060	4010	3620	1330	.....	3950	3560	3220	1260	716	1630	1770
31	2160	.....	3950	1430	.....	3980	.....	2990	.....	716	1610	.....
Mean	1668	3541	3329	2248	5238	4401	3647	3956	3384	908	1555	1601
Max.	2700	4760	4850	4730	7600	6160	4800	6400	12200	2300	2490	2000
Min.	1200	2040	1700	1040	1510	2790	2870	2770	1240	248	512	1200
A.F.	102550	210700	204690	138230	290900	270600	216990	243270	201340	55820	95590	95250

Total acre-feet 2125930

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR LOUISVILLE
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1630	2620	5190	3690	2360	7050	5780	5960	11700	3000	1210	2190
2	1560	2620	5500	4430	2690	7300	5240	7750	7650	3920	1440	2220
3	1440	2590	5820	4510	3180	6900	5460	13100	7600	6450	1540	2110
4	1350	2530	7100	4550	4010	4600	6250	12500	9740	4040	1440	1940
5	1220	2500	6750	4550	5060	3700	6250	11200	8240	3160	1440	1730
6	1280	2440	5140	4610	6350	4300	6050	10300	7600	3000	1510	1790
7	1400	2680	5100	3630	6950	4340	5780	9140	7500	2700	1920	1810
8	1410	3040	3720	3120	8150	5550	5550	8300	6250	2300	3080	1770
9	1510	3080	3760	3450	8410	8120	5190	7500	5280	1850	4700	1630
10	1810	3520	3360	3280	9680	7600	5240	7350	6650	1850	4340	1810
11	1960	3760	4830	2620	10300	7150	5240	6500	5680	1860	3200	2130
12	2060	4040	6650	2240	11000	6450	5190	6550	4420	1850	2760	1940
13	2030	4470	5910	1330	10500	5800	4880	6250	4780	1650	2320	2010
14	1960	4160	6250	1040	9140	5100	4780	5680	3760	1410	2320	2220
15	1990	4160	5360	794	9860	4800	4740	6230	3640	1320	2300	2080
16	2010	4200	3650	800	9740	4900	4380	6830	3640	1210	2240	2110
17	2130	4080	5090	1000	9740	5300	4470	5100	8200	1110	2500	1940
18	2240	4240	5270	1230	10100	5420	4960	4420	11300	1060	2650	1850
19	2220	4700	4840	1300	9140	7600	5420	5280	17400	1020	3320	2130
20	2300	5370	4750	1270	9740	7200	4700	5640	14800	1010	3320	1990
21	2160	5550	5160	1160	8900	6550	5420	4960	13200	909	3480	1790
22	2240	4830	4680	1270	6900	6250	8180	4780	21800	900	5140	1630
23	2410	5190	3690	1400	7500	6350	6400	4880	18700	891	10100	1630
24	2270	5240	2830	1380	7750	6150	7550	7900	11300	864	7100	1690
25	2270	4700	3180	1270	9320	6200	7750	5190	7800	801	5060	1610
26	2960	4880	3480	1260	9080	6050	6150	4780	6550	756	2960	1510
27	2860	5500	3000	1400	8420	6000	4780	5100	4920	828	3320	1360
28	2590	5500	3030	1600	7700	5910	4600	5860	4920	882	2930	1510
29	2590	5280	3320	1800	.....	6550	4470	5680	3880	909	2720	1540
30	2500	5320	3510	2000	.....	5910	4920	5730	3400	972	2620	1670
31	2500	.....	3590	2200	.....	5600	.....	4960	.....	1100	2650	.....
Mean	2028	4093	4629	2264	7917	6023	5526	6819	8410	1793	3149	1845
Max.	2960	5550	7100	4610	11000	8120	8180	13100	21800	6450	10100	2220
Min.	1220	2440	2830	794	2360	3700	4380	4420	3400	756	1210	1360
A.F.	124680	243550	284650	139210	439680	370310	328800	419310	500430	110250	193650	109770

Total acre-feet 3264290

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, 1953

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain*	560	450	340	370	280	280	480	4460	3380	2040	2040	1100	15780
Bayard Sugar Factory Drain	2740	2360	2190	2000	1580	1590	1430	510	1720	1220	3730	2350	23420
Cleveland Drain†	640	150	160	120	180	120	140	680	1370	990	1390	1050	6990
DeGraw Drain*	340	300	280	220	140	190	160	130	70	130	150	190	2300
Dugout Creek, Upper†	960	600	490	380	250	230	180	500	580	880	1230	1080	7360
Fairfield Seep*	0	0	0	0	0	0	0	40	670	230	90	110	1140
Fanning Seep*	280	190	250	200	110	100	60	60	110	60	60	60	1540
Gering Drain	3540	2710	2420	2180	1860	1830	1700	2560	4570	4700	5690	4170	37930
Horse Creek	7210	3360	2460	2380	1720	1850	1340	3720	11240	5810	8590	7800	57480
Indian Creek†	1130	610	470	380	380	360	300	770	890	1020	1210	1100	8620
Lane Drain*	400	230	170	120	90	80	110	70	180	600	760	770	3580
Melbeta Drain†	250	240	190	210	170	150	150	140	500	420	980	3420	6820
Nine Mile Drain	11350	8010	7600	6520	5320	5550	4950	5380	9730	9760	11970	11680	97820
Red Willow Drain	9620	7000	5850	5150	4240	4150	3640	4280	6630	5250	8030	8290	72130
Scottsbluff Drain No. 1*	1030	750	730	670	510	390	360	410	520	530	890	990	7780
Scottsbluff Drain No. 2*	310	210	180	150	110	90	120	270	880	910	500	700	4430
Sheep Creek	8740	7560	6760	6380	5390	5620	5050	1420	2370	510	1920	1050	52770
Spotted Tail Creek, Dry	5210	3190	2580	2900	2260	2090	1820	2370	2930	2730	3910	3020	35010
Spotted Tail Creek, Wet*	1190	710	910	890	790	770	680	740	960	990	1030	990	10650
Tub Springs	5570	4170	3220	2720	2190	2130	2140	1430	3620	1450	2950	1720	33310
Winters Creek	6190	4260	3520	3520	3030	3010	2770	1420	3680	1940	3040	3620	40000
Totals	67260	47060	40770	37460	30600	30580	27580	31360	56600	42170	60160	55260	526860

*Estimated for entire year from measurements.
†Estimated October-April inclusive. One reading daily May-September.

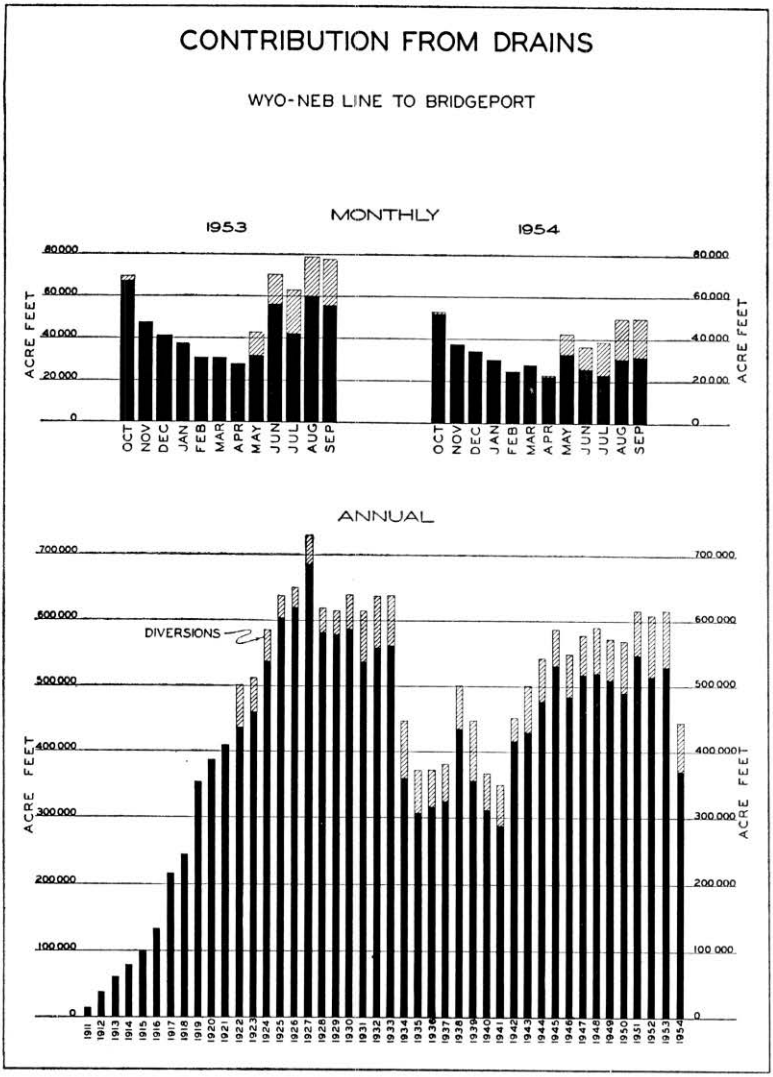
DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-Feet

For the Water Year Ending September 30, 1954

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain*	390	200	180	130	110	100	120	660	430	760	210	380	3670
Bayard Sugar Factory Drain	3040	2020	1740	1590	1370	1550	710	930	1630	550	2310	1600	19040
Cleveland Drain†	550	110	80	60	60	90	160	740	1120	630	660	930	5190
DeGraw Drain*	260	340	290	200	140	220	180	60	60	60	70	200	2080
Dugout Creek, Upper†	650	500	400	290	250	270	320	300	280	430	250	430	4370
Fairfield Seep*	20	0	0	0	0	10	10	50	60	90	210	150	600
Fanning Seep*	60	60	60	0	40	30	0	0	0	20	60	40	370
Gering Drain	2730	2240	2170	1990	1420	1540	1470	3850	1600	2530	3250	1990	26780
Horse Creek	4600	2280	1830	1410	1070	1410	910	5900	1900	2410	3320	4210	31250
Indian Creek†	610	590	470	380	290	340	250	590	660	450	670	780	6080
Lane Drain*	260	150	180	100	60	60	60	80	110	190	400	320	1970
Melbeta Drain†	780	170	160	180	110	110	190	410	660	130	90	50	3040
Nine Mile Drain	9500	6780	6410	5260	4550	5080	4620	5800	6210	5830	8820	8260	77120
Red Willow Drain	7400	5550	4890	4000	3250	3650	3700	4120	3420	2270	3660	5120	51030
Scottsbluff Drain No. 1*	840	710	760	540	290	330	240	540	370	570	490	530	6210
Scottsbluff Drain No. 2*	310	190	130	90	60	90	90	490	520	660	770	810	4210
Sheep Creek	7070	6060	5710	5230	4340	4790	1840	1930	410	460	210	240	38290
Spotted Tail Creek, Dry	2710	1910	1990	2030	1670	1680	1640	1940	1150	1570	1670	1380	21340
Spotted Tail Creek, Wet*	930	940	910	820	640	670	630	710	900	710	960	760	9580
Tub Springs	3900	3030	2590	2130	1760	2480	1870	1480	2330	1010	560	1740	24880
Winters Creek	4970	3410	2970	3290	2670	2990	2640	1920	1630	1390	1440	1490	30810
Totals	51580	37240	33920	29720	24150	27490	21650	32500	25450	22720	30080	31410	367910

*Estimated for entire year from measurements.
†Estimated October-April inclusive. **One reading daily May-September.**


CONTRIBUTION FROM DRAINS
WYO-NEB LINE TO BRIDGEPORT
MONTHLY
1953
1954
ACRE FEET
80,000
60,000
40,000
20,000
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
ANNUAL
DIVERSIONS
700,000
600,000
500,000
400,000
300,000
200,000
100,000
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1914
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DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT
Values in Acre-feet
For the Water Year Ending September 30, 1953

	Oct.	May	June	July	Aug.	Sept.	Total
Northport Canal from:—							
Akers Draw	240	700	750	990	890	890	4460
Sheep Creek	0	3790	3520	5550	5050	6290	24200
Dry Spotted Tail Creek	0	0	640	1620	1120	1470	4850
Wet Spotted Tail Creek	630	700	1120	1240	1760	2330	7780
Tub Springs	0	1330	870	1220	1680	2260	7360
Enterprise Canal from:—							
Stewart and Morrill Drains	70	80	100	260	330	90	930
Wet Spotted Tail Creek	140	460	460	720	920	1000	3700
Tub Springs	50	160	240	1530	860	1020	3860
Winters Creek Canal from:—							
Winters Creek	0	1890	2200	3850	3730	3830	15500
Alliance Canal from:—							
Bayard Drain	0	1080	890	1490	230	960	4650
Red Willow Creek	490	1050	1960	2650	1870	2360	10380
Total	1620	11240	12750	21120	18440	22500	87670

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT
Values in Acre-feet
For the Water Year Ending September 30, 1954

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:—								
Akers Draw	0	0	660	660	660	900	780	3660
Sheep Creek	0	0	2380	3640	4380	5600	5600	21600
Dry Spotted Tail Creek	0	0	70	220	980	1210	1100	3580
Wet Spotted Tail Creek	0	0	430	420	570	860	1280	3560
Tub Springs	0	0	650	1260	1460	1740	1320	6430
Enterprise Canal from:—								
Stewart and Morrill Drains	20	10	80	30	90	160	130	520
Wet Spotted Tail Creek	320	150	440	390	600	760	540	3200
Tub Springs	0	130	430	40	610	1070	450	2730
Winters Creek Canal from:—								
Winters Creek	460	0	1860	1900	3580	4730	3850	16380
Alliance Canal from:—								
Bayard Drain	0	510	1210	730	990	140	800	4380
Red Willow Creek	500	0	1480	1940	2000	2740	2450	11110
Total	1300	800	9690	11230	15920	19910	18300	77150

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, 1953

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey-Whalen	21640	0	0	0	0	14100	50000	78790	105950	200530	173370	130760	775140
Whalen-State Line	0	0	0	0	0	0	0	15580	20230	31510	28090	23060	118470
State Line-Mitchell	5700	0	0	0	0	0	1440	33450	44090	84500	62160	60870	292210
Mitchell-Minatare	1830	0	0	0	0	0	100	7700	10920	16860	13540	13060	64010
Minatare-Bridgeport	3350	0	0	0	0	0	710	9250	18050	21860	11750	16550	81520
Bridge-Lisco	1990	20	0	0	0	0	200	3600	5720	7270	4220	5670	28690
Lisco-Oshkosh	340	0	0	0	0	0	0	0	670	1510	770	1810	5100
Oshkosh-Keystone	9750	2820	0	0	0	0	2390	6460	7770	8490	6850	7340	51870
Keystone-North Platte	11310	1090	0	0	0	0	2040	20510	26620	35430	35000	27170	159170
North Platte-Odessa	30440	0	0	0	0	0	13590	35160	72110	183820	152740	113130	600990
Total, Guernsey-Odessa	86350	3930	0	0	0	14100	70470	210500	312130	591780	488490	399420	2177170

For the Water Year Ending September 30, 1954

Guernsey-Whalen	0	0	0	0	35400	2430	0	72190	47940	147020	149920	50010	504910
Whalen-State Line	0	0	0	0	0	0	0	14800	20310	24510	18590	9830	88040
State Line-Mitchell	1200	0	0	0	0	0	7430	15530	29700	63010	65220	46330	228420
Mitchell-Minatare	1260	0	0	0	0	40	750	7660	9220	14920	14190	11990	60030
Minatare-Bridgeport	5890	0	0	0	0	0	1510	13170	17260	17960	16960	17120	89870
Bridgeport-Lisco	4560	0	0	0	0	0	380	3800	5770	6460	6360	5850	33220
Lisco-Oshkosh	640	0	0	0	0	0	0	80	890	520	870	1290	4290
Oshkosh-Keystone	5770	1010	0	0	0	0	2380	4470	1970	1150	1240	1460	19450
Keystone-North Platte	12030	0	0	0	0	0	5270	22260	29920	36490	32600	24750	163320
North Platte-Odessa	45400	1240	0	0	430	90	26230	42350	84190	181900	69870	90270	541970
Total, Guernsey-Odessa	76750	2250	0	0	35830	2560	43950	196310	247170	493940	375820	258900	1733520

MONTHLY EVAPORATION IN FEET—1953

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam	†	0.455	0.696	0.732	0.628	0.582	0.378
*Whalen Dam	0.422	0.678	0.964	0.948	0.805	0.714	0.433
*Bridgeport	0.450	0.599	0.746	0.707	0.602	0.579	0.364
*Kingsley Dam	†	0.627	0.821	0.822	0.724	0.662	0.412
**North Platte	0.379	0.521	0.779	0.778	0.691	0.681	†

*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—1954

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
Pathfinder Dam	†	†	0.705	0.898	0.759	0.590	†
*Whalen Dam	†	0.585	0.880	1.051	0.787	0.602	0.398
*Kingsley Dam	†	0.523	0.834	0.952	0.713	0.586	0.250
**North Platte	†	0.422	0.750	0.954	0.551	0.515	†
*Bridgeport	0.499	0.544	0.692	0.852	0.668	0.529	0.338

*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		1953		1954	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*MITCHELL STATION, SCOTTS BLUFF COUNTY—ELEVATION, 4080						
October	0.92	0.92	0.51	0.51	0.14	0.14
November	0.39	1.31	0.51	1.02	0.31	0.45
December	0.33	1.64	0.14	1.16	0.27	0.72
January	0.19	1.83	0.23	1.39	0.00	0.72
February	0.27	2.10	0.33	1.72	0.00	0.72
March	0.63	2.73	0.22	1.94	1.23	1.95
April	1.66	4.39	1.21	3.15	0.63	2.58
May	2.28	6.67	0.64	3.79	2.19	4.77
June	2.69	9.36	7.13	10.92	3.26	8.03
July	1.50	10.86	1.14	12.06	2.28	10.31
August	1.62	12.48	3.25	15.31	2.53	12.84
September	1.39	13.87	0.13	15.44	0.89	13.73
*BRIDGEPORT STATION, MORRILL COUNTY—ELEVATION, 3666						
October	0.95	0.95	0.33	0.33	0.68	0.68
November	0.45	1.40	0.60	0.93	0.18	0.86
December	0.50	1.90	0.13	1.06	0.27	1.13
January	0.39	2.29	0.15	1.21	0.00	1.13
February	0.44	2.73	0.34	1.55	0.00	1.13
March	0.83	3.56	0.32	1.87	1.53	2.66
April	2.02	5.58	2.17	4.04	0.47	3.13
May	2.74	8.32	0.73	4.77	2.33	5.46
June	2.72	11.04	3.80	8.57	1.99	7.45
July	2.03	13.07	2.87	11.44	1.71	9.16
August	1.61	14.68	3.19	14.63	0.71	9.87
September	1.33	16.01	0.01	14.64	0.88	10.75
*OSHKOSH STATION, GARDEN COUNTY—ELEVATION, 3393						
October	1.06	1.06	0.32	0.32	1.29	1.29
November	0.60	1.66	1.25	1.57	1.66	2.95
December	0.54	2.20	0.07	1.64	0.08	3.03
January	0.36	2.56	0.27	1.91	0.00	3.03
February	0.48	3.04	0.67	2.58	0.00	3.03
March	0.89	3.93	0.57	3.15	1.37	4.40
April	2.22	6.15	3.81	6.96	1.27	5.67
May	2.76	8.91	1.53	8.49	2.76	8.43
June	2.79	11.70	2.14	10.63	1.46	9.89
July	2.31	14.01	4.39	15.02	1.02	10.91
August	2.08	16.09	2.93	17.95	2.87	13.78
September	1.48	17.57	0.00	17.95	1.40	15.18
*NORTH PLATTE STATION, LINCOLN COUNTY—ELEVATION, 2779						
October	1.04	1.04	0.24	0.24	1.65	1.65
November	0.55	1.59	0.40	0.64	1.10	2.75
December	0.40	1.99	0.24	0.88	0.52	3.27
January	0.39	2.38	0.08	0.96	0.10	3.37
February	0.34	2.72	1.15	2.11	0.01	3.38
March	0.91	3.63	0.77	2.88	0.60	3.98
April	2.06	5.69	1.39	4.27	0.12	4.10
May	2.67	8.36	0.98	5.25	2.13	6.23
June	2.92	11.28	2.05	7.30	1.57	7.80
July	2.40	13.68	1.80	9.10	1.59	9.39
August	2.11	15.79	2.16	11.26	2.06	11.45
September	1.75	17.54	0.00	11.26	0.94	12.39

*41-year record.

*56-year record.

*41-year record.

*14-year record.

PRECIPATION AT VARIOUS POINTS—Continued

Month	Normal		1953		1954	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*LEXINGTON STATION, DAWSON COUNTY—ELEVATION, 2404						
October	1.49	1.49	0.10	0.10	1.15	1.15
November	0.70	2.19	0.55	0.65	1.53	2.68
December	0.66	2.85	0.42	1.07	1.89	4.57
January	0.50	3.35	0.16	1.23	0.12	4.69
February	0.72	4.07	0.50	1.73	0.43	5.12
March	1.10	5.17	0.78	2.51	0.58	5.70
April	2.38	7.55	1.60	4.11	1.70	7.40
May	3.23	10.78	4.17	8.28	3.42	10.82
June	3.74	14.52	2.26	10.54	1.77	12.59
July	2.99	17.51	2.43	12.97	0.93	13.52
August	2.70	20.21	1.70	14.67	4.58	18.10
September	1.98	22.19	1.42	16.09	0.40	18.50
*3-year record.						
*GRAND ISLAND STATION, HALL COUNTY—ELEVATION, 1841						
October	1.31	1.31	0.06	0.06	0.65	0.65
November	0.98	2.29	0.97	1.03	2.19	2.84
December	0.55	2.84	1.29	2.32	1.44	4.28
January	0.58	3.42	0.39	2.71	0.27	4.55
February	0.66	4.08	1.14	3.85	0.89	5.44
March	1.28	5.36	0.81	4.66	0.60	6.04
April	2.22	7.58	3.72	8.38	1.15	7.19
May	3.87	11.45	2.61	10.99	2.74	9.93
June	3.66	15.11	2.86	13.85	5.13	15.06
July	2.63	17.74	1.20	15.05	0.75	15.81
August	2.39	20.13	1.87	16.92	6.40	22.21
September	2.57	22.70	1.30	18.22	0.86	23.07
*62-year record.						
*SIDNEY STATION, CHEYENNE COUNTY—ELEVATION, 4085						
October	0.96	0.96	0.31	0.31	1.46	1.46
November	0.51	1.47	1.04	1.35	1.19	2.65
December	0.45	1.96	0.65	2.00	0.33	2.98
January	0.32	2.24	0.13	2.13	0.00	2.98
February	0.39	2.63	0.52	2.65	0.02	3.00
March	0.84	3.47	1.40	4.05	1.23	4.23
April	2.23	5.70	2.99	7.04	0.41	4.64
May	2.75	8.45	0.38	7.42	2.07	6.71
June	2.82	11.27	4.02	11.44	1.00	7.71
July	1.79	13.06	4.07	15.51	3.02	10.73
August	1.85	14.91	1.80	17.31	2.72	13.45
September	1.30	16.21	0.09	17.40	1.92	15.37
*26-year record.						
*ORD STATION, VALLEY COUNTY—ELEVATION, 2062						
October	1.55	1.55	0.07	0.07	0.41	0.41
November	0.74	2.29	0.76	0.83	1.97	2.38
December	0.67	2.96	1.29	2.12	1.43	3.81
January	0.46	3.42	0.78	2.90	0.14	3.95
February	0.61	4.03	1.29	4.19	0.70	4.65
March	1.05	5.08	1.27	5.46	1.29	5.94
April	2.53	7.61	3.85	9.31	2.73	8.67
May	3.40	11.01	1.81	11.12	1.61	10.28
June	4.14	15.15	4.25	15.37	2.03	12.31
July	3.06	18.21	4.05	19.42	0.37	12.68
August	2.55	20.76	1.86	21.28	4.93	17.61
September	2.38	23.14	0.51	21.79	0.93	1954
*63-year record.						

PRECIPATION AT VARIOUS POINTS—Continued

Month	Normal		1953		1954	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*FORT ROBINSON STATION, DAWES COUNTY—ELEVATION, 3807						
October	1.29	1.29	0.50	0.50	0.33	0.33
November	0.53	1.82	1.17	1.67	0.38	0.71
December	0.62	2.44	0.22	1.89	0.42	1.13
January	0.57	3.01	0.52	2.41	0.05	1.18
February	0.63	3.64	1.25	3.66	0.28	1.46
March	1.11	4.75	0.48	4.14	2.09	3.55
April	2.07	6.82	2.40	6.54	0.68	4.23
May	2.87	9.69	1.63	8.17	4.48	8.71
June	2.83	12.52	3.10	11.27	1.82	10.53
July	2.06	14.58	3.33	14.60	1.25	11.78
August	1.59	16.17	2.08	16.68	1.50	13.28
September	1.32	17.49	0.15	16.83	0.66	13.94
*CULBERTSON STATION, HITCHCOCK COUNTY—ELEVATION, 2565						
October	1.15	1.15	0.13	0.13	2.30	2.30
November	0.62	1.77	1.08	1.21	2.29	4.59
December	0.58	2.35	0.23	1.44	1.10	5.69
January	0.41	2.76	0.02	1.46	0.07	5.76
February	0.54	3.30	0.56	2.02	0.03	5.79
March	1.04	4.34	2.07	4.09	0.68	6.47
April	2.19	6.53	2.49	6.58	0.37	6.84
May	2.94	9.47	1.95	8.53	3.74	10.58
June	3.44	12.91	1.36	9.89	1.75	12.33
July	2.85	15.76	2.85	12.74	1.68	14.01
August	2.58	18.34	2.92	15.66	2.37	16.38
September	1.61	19.95	0.02	15.68	1.25	17.63
*GENOA STATION, NANCE COUNTY—ELEVATION, 1584						
October	1.59	1.59	0.10	0.10	1.03	1.03
November	0.89	2.48	0.50	0.60	1.56	2.59
December	0.82	3.30	1.88	2.48	1.25	3.84
January	0.64	3.94	0.88	3.36	0.21	4.05
February	0.76	4.70	1.53	4.89	0.80	4.85
March	1.15	5.85	0.65	5.54	0.94	5.79
April	2.59	8.44	4.71	10.25	1.94	7.73
May	3.94	12.38	2.17	12.42	3.17	10.90
June	4.49	10.87	3.26	15.68	2.74	13.64
July	3.43	20.30	1.12	16.80	0.82	14.46
August	2.83	23.13	2.43	19.23	5.80	20.26
September	2.95	26.08	1.23	20.46	1.10	21.36
*HOLDREGE STATION, PHELPS COUNTY—ELEVATION, 2335						
October	1.46	1.46	0.06	0.06	1.93	1.93
November	0.83	2.29	0.78	0.84	2.57	4.50
December	0.64	2.93	0.90	1.74	1.82	6.32
January	0.47	3.40	0.23	1.97	0.23	6.55
February	0.70	4.10	1.09	3.06	1.50	8.05
March	1.10	5.20	0.95	4.01	0.54	8.59
April	2.71	7.91	1.85	5.86	0.81	9.40
May	3.63	11.54	5.10	10.96	3.54	12.94
June	3.95	15.49	3.26	14.22	2.06	15.00
July	2.92	18.41	2.30	16.52	2.18	17.18
August	2.63	21.04	2.31	18.83	6.00	23.18
September	2.16	23.20	0.56	19.39	0.81	23.99

*70-year record.

*66-year record.

*78-year record.

*64-year record.

DAILY DISCHARGES
OF
RIVERS AND STREAMS
EXCLUSIVE OF PLATTE RIVERS

THIS PAGE WAS INTENTIONALLY LEFT BLANK

DISCHARGE IN SECOND-FEET OF ARIKAREE RIVER NEAR HAIGLER
Sec. 28-1-41 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	18	2	2	17	55	22	29	2	0	0	0
2	9	10	2	2	18	48	18	25	52	0	0	0
3	8	4	2	2	17	64	12	28	12	0	0	0
4	6	3	2	2	17	32	14	31	14	0	58	0
5	7	2	2	2	22	35	15	29	13	0	28	0
6	7	2	2	5	18	29	12	25	35	0	0	0
7	8	2	2	10	18	27	29	24	24	1	0	0
8	8	2	2	20	20	26	48	23	13	1	0	0
9	10	2	2	20	16	26	60	18	14	0	0	0
10	6	2	2	20	22	27	45	17	16	0	0	0
11	4	2	2	20	10	27	45	15	15	5	0	0
12	4	2	2	20	9	24	60	13	14	4	0	0
13	3	2	2	20	15	23	60	15	11	2	0	0
14	4	2	2	20	28	22	41	24	6	1	0	0
15	6	1	2	20	24	17	28	24	3	0	1	0
16	8	1	2	2	7	17	25	29	1	1	0	0
17	11	2	2	5	11	20	29	35	1	2	0	0
18	12	2	2	5	27	20	29	31	0	1	0	0
19	13	1	2	10	12	20	34	31	0	1	23	0
20	12	1	2	10	2	20	32	29	0	2	1	0
21	9	1	2	19	3	20	29	13	0	0	0	0
22	7	1	2	28	15	20	24	13	0	0	0	0
23	5	2	2	27	18	20	19	9	0	0	0	0
24	5	2	2	29	14	20	72	7	0	0	0	0
25	5	2	2	26	14	20	31	2	0	0	0	0
26	5	6	2	19	75	20	28	1	0	0	0	4
27	3	3	2	24	79	20	26	0	0	0	0	7
28	4	2	2	11	72	20	28	6	0	0	0	5
29	11	2	2	13	.....	20	58	4	0	0	0	0
30	14	2	2	22	.....	20	63	2	0	0	0	1
31	15	.....	2	16	.....	26	.....	0	.....	0	0	.....
Mean	8	3	2	14	22	26	34	18	8	1	4	1
Max.	15	18	2	29	79	64	72	35	52	5	58	7
Min.	3	1	2	2	2	17	12	0	0	0	0	0
A.F.	477	167	116	892	1230	1600	2050	1100	488	41	221	35

Total acre-feet 8420

DISCHARGE IN SECOND-FEET OF ASH CREEK NEAR ASHLAND
Sec. 31-13-10 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	127	150	172	201	350	220	175	830	157	120	108	81
2	127	150	177	201	341	166	223	460	150	124	111	94
3	135	150	192	190	373	193	328	296	142	250	106	88
4	108	162	249	194	391	162	290	290	157	398	111	94
5	135	166	249	199	626	278	233	266	175	177	106	68
6	117	157	260	182	536	302	207	249	166	146	153	81
7	127	153	270	179	502	321	198	233	166	120	516	81
8	127	150	260	170	470	330	212	223	441	108	511	91
9	142	150	278	195	536	314	223	212	830	106	193	40
10	150	150	249	203	810	290	406	223	563	103	114	58
11	148	150	272	190	608	290	296	218	284	108	81	78
12	145	150	260	195	376	254	249	193	166	120	94	68
13	142	157	260	221	260	223	223	184	175	131	106	58
14	150	150	110	212	190	290	218	175	170	127	100	74
15	162	135	310	187	160	295	218	193	153	124	100	74
16	150	131	260	145	166	284	212	193	135	114	94	68
17	142	355	207	216	136	254	212	184	135	108	81	68
18	152	272	170	178	110	244	205	175	117	108	83	70
19	150	193	188	167	102	223	198	198	114	108	86	73
20	150	146	221	178	122	212	188	193	117	114	88	76
21	153	138	244	178	106	212	198	193	114	244	91	76
22	150	131	188	266	144	212	202	175	114	679	71	64
23	153	131	170	182	170	212	207	166	117	142	88	68
24	150	131	158	209	328	212	198	175	157	108	117	68
25	150	138	170	214	314	254	198	157	296	103	94	74
26	150	166	138	211	302	212	249	170	193	94	74	68
27	150	163	135	228	290	202	218	198	157	76	50	74
28	150	158	160	219	278	212	228	1000	184	292	56	74
29	142	167	192	237	.....	200	376	494	135	117	64	84
30	150	170	201	314	.....	193	810	296	127	106	68	78
31	150	.....	201	573	.....	184	.....	175	.....	100	60	.....
Mean	143	162	212	214	325	240	253	271	204	157	122	74
Max.	162	355	310	573	810	330	810	1000	830	679	516	94
Min.	108	131	110	145	102	162	175	157	114	76	50	40
A.F.	8790	9660	13030	13160	18040	14780	15070	16640	12110	9670	7490	4390

Total acre-feet 142830

DISCHARGE IN SECOND-FEET OF BAYARD SUGAR FACTORY DRAIN NEAR BAYARD
Sec. 5-20-52 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	48	40	38	32	33	26	22	24	4	8	64	43
2	48	40	38	30	32	28	24	24	6	6	75	42
3	49	40	38	30	32	26	23	25	8	8	75	41
4	49	40	37	28	32	28	23	24	8	7	69	37
5	50	40	38	28	32	32	23	14	12	8	66	41
6	45	40	38	28	31	28	24	6	38	10	63	44
7	45	40	37	28	30	28	24	6	118	9	52	47
8	45	40	36	30	30	28	25	4	98	6	51	44
9	45	39	35	31	28	26	27	3	35	9	50	42
10	46	39	35	32	30	26	27	10	20	11	48	41
11	47	41	35	32	29	26	28	10	18	10	73	39
12	42	41	35	32	30	27	26	7	18	9	60	42
13	38	41	35	32	29	28	26	6	20	8	44	42
14	41	41	35	30	30	27	24	8	19	8	41	38
15	40	41	35	28	29	28	22	12	27	6	41	28
16	41	41	34	32	28	28	22	6	30	9	91	27
17	42	43	35	32	29	28	24	6	26	14	70	26
18	47	44	34	32	28	26	24	8	28	14	63	26
19	47	43	35	34	23	26	24	8	20	15	59	27
20	46	41	36	34	24	26	24	8	62	17	46	28
21	45	41	37	34	24	26	24	8	41	18	53	29
22	45	41	39	35	26	25	23	4	41	14	58	30
23	45	39	38	35	28	24	23	2	39	14	98	29
24	45	35	36	36	24	24	23	3	36	37	86	26
25	45	36	35	38	24	24	22	2	23	38	70	35
26	44	32	35	37	26	23	22	2	13	35	67	42
27	44	33	34	36	28	22	21	3	20	20	57	44
28	44	37	34	36	28	22	22	3	15	22	47	59
29	42	41	34	35	....	22	29	5	15	28	49	75
30	41	39	32	35	....	22	28	5	8	109	48	71
31	41		32	34		22		4		87	47	
Mean	45	40	36	32	28	26	24	8	29	20	61	40
Max.	50	44	39	38	33	32	29	25	118	109	98	75
Min.	38	32	32	28	23	22	21	2	4	6	41	26
A.F.	2740	2360	2190	2000	1580	1590	1430	515	1720	1220	3730	2350

Total acre-feet 23420

DISCHARGE IN SECOND-FEET OF BAZILLE CREEK NEAR NIOBRARA
Sec. 18-32-5 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	39	47	36	42	73	93	143	373	99	49	78	46
2	38	45	41	42	73	92	276	285	97	47	56	59
3	39	47	48	45	86	90	150	269	160	46	49	67
4	38	45	51	48	85	92	135	266	120	61	43	59
5	36	45	58	50	99	94	122	218	105	53	76	55
6	35	45	65	53	101	96	113	167	99	53	56	45
7	35	47	69	52	102	100	115	157	585	50	45	35
8	38	47	73	52	109	110	115	150	2840	52	43	38
9	38	47	88	52	114	150	105	148	527	49	43	32
10	41	48	95	52	115	1200	97	439	279	53	42	34
11	42	48	87	55	115	2400	101	522	210	80	74	36
12	42	50	56	56	115	949	93	336	172	66	109	39
13	44	54	40	64	115	450	85	207	162	61	73	38
14	45	52	45	53	115	370	85	167	135	55	67	35
15	44	56	47	48	98	376	387	162	115	50	61	35
16	45	60	54	43	68	446	363	152	95	43	56	32
17	44	66	47	46	69	193	218	152	85	39	56	32
18	44	68	46	49	73	145	135	157	80	36	52	32
19	44	75	46	51	73	122	124	157	71	34	46	30
20	45	56	41	55	69	82	120	152	85	35	46	30
21	44	64	41	66	65	124	111	213	82	34	45	29
22	45	58	41	61	70	113	113	213	74	34	40	30
23	44	56	41	61	75	97	126	146	67	38	38	31
24	44	56	43	67	80	101	174	120	64	35	36	31
25	44	52	43	67	85	97	216	103	63	32	32	31
26	44	50	43	67	88	87	201	95	63	30	30	32
27	45	40	43	64	95	83	172	93	61	36	27	32
28	45	45	43	67	95	85	150	137	55	43	27	34
29	45	42	42	73	....	83	164	122	53	155	28	32
30	45	39	42	73	....	80	297	107	51	457	27	34
31	47		43	73		91		99		128	28	
Mean	42	52	52	56	90	280	160	196	225	66	49	38
Max.	47	75	95	73	115	2400	387	522	2840	457	109	67
Min.	35	39	36	42	65	80	85	93	51	30	27	29
A.F.	2590	3070	3170	3470	5000	17240	9530	12070	13400	4030	3030	2230

Total acre-feet 78830

DISCHARGE IN SECOND-FEET OF BEAR CREEK NEAR ELI
Sec. 25-34-36 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	3	4	4	15	4	21	85	8	4	3	2
2	2	3	5	4	16	3	24	111	7	5	3	2
3	2	3	6	4	17	4	23	126	7	5	3	2
4	2	3	6	5	18	5	25	121	6	5	3	2
5	2	3	6	6	19	6	27	109	6	5	2	2
6	2	3	6	4	19	6	34	88	5	6	2	2
7	1	4	6	4	19	8	37	70	5	5	2	2
8	2	3	6	6	17	15	44	52	5	6	1	2
9	2	3	7	7	14	22	46	41	5	6	1	2
10	2	3	7	8	13	30	47	31	6	5	1	2
11	2	3	8	8	12	40	41	26	6	4	1	2
12	2	3	7	12	11	54	34	24	5	2	1	2
13	2	4	6	12	11	80	30	23	5	2	1	2
14	3	10	5	8	9	94	28	22	6	2	1	2
15	3	10	6	5	8	106	28	20	6	2	1	2
16	2	8	6	1	7	124	30	19	11	2	1	2
17	2	6	6	1	6	125	28	19	8	2	2	2
18	2	6	5	2	6	104	28	18	6	2	2	2
19	2	6	5	3	5	91	28	18	8	2	2	2
20	3	4	4	6	4	75	27	12	9	2	2	2
21	2	4	3	8	4	73	25	13	9	2	2	2
22	2	4	2	9	4	72	24	15	8	2	2	2
23	2	4	2	10	4	54	21	14	8	2	2	2
24	2	3	2	11	3	47	20	14	7	2	2	2
25	2	3	2	12	3	36	21	15	6	2	3	2
26	2	1	3	12	5	32	21	14	5	2	3	2
27	3	1	3	12	5	28	21	13	4	2	3	2
28	3	1	3	12	5	26	20	12	4	4	2	2
29	3	1	3	12	..	25	32	11	4	3	2	2
30	3	4	3	13	..	24	68	10	4	3	2	2
31	3	..	4	13	..	22	..	9	..	3	2	..
Mean	2	4	5	8	10	46	30	38	6	3	2	2
Max.	3	10	8	13	19	125	68	126	11	6	3	2
Min.	1	1	2	1	3	3	20	9	4	2	1	2
A.F.	136	230	291	465	553	2850	1790	2330	373	200	120	112

Total acre-feet 9450

DISCHARGE IN SECOND-FEET OF BEAVER CREEK NEAR LORETTO
Sec. 26-21-7 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	41	52	59	58	95	100	62	305	81	55	41	34
2	41	52	59	58	85	105	69	292	76	54	40	34
3	42	52	60	57	81	110	140	334	115	53	41	44
4	42	52	60	59	79	120	160	344	94	53	42	48
5	42	53	56	59	97	128	120	298	86	52	41	43
6	42	54	54	54	113	134	93	222	84	51	40	42
7	43	54	53	55	100	136	86	159	280	49	40	41
8	44	53	54	66	89	140	84	128	847	48	40	41
9	44	53	51	69	85	160	86	110	480	48	41	40
10	44	53	49	75	96	180	87	798	460	48	40	40
11	44	53	48	76	101	200	87	909	351	54	64	39
12	44	53	48	76	83	220	83	538	363	98	58	39
13	44	53	54	78	84	230	81	217	352	70	44	40
14	45	52	60	76	79	215	76	148	406	59	41	40
15	45	52	64	62	80	200	82	125	218	54	41	39
16	46	52	58	84	75	190	92	117	154	52	41	39
17	47	53	45	76	72	170	96	105	124	51	41	39
18	47	56	54	80	72	150	97	116	106	50	41	39
19	47	55	50	84	70	130	88	144	94	48	40	39
20	47	54	45	80	68	115	81	129	85	48	40	40
21	47	53	54	80	68	100	76	109	81	49	39	40
22	48	53	52	76	78	90	73	92	76	47	38	40
23	48	54	53	75	86	80	69	83	74	47	38	40
24	49	54	54	75	90	70	66	79	232	48	38	40
25	48	52	56	71	95	68	70	76	132	45	37	40
26	49	46	58	72	105	66	70	70	83	43	36	40
27	49	52	58	72	110	64	68	66	71	43	35	41
28	49	54	58	74	120	62	68	74	65	43	34	41
29	50	56	59	74	.....	62	125	98	63	42	34	40
30	51	58	54	82	.....	60	267	113	58	42	34	40
31	52	..	56	95	.....	62	..	91	..	42	35	..
Mean	46	53	55	72	88	126	93	209	193	51	40	40
Max.	52	58	64	95	120	230	267	909	847	98	64	48
Min.	41	46	45	54	68	60	62	66	58	42	34	34
A.F.	2820	3160	3360	4420	4870	7770	5560	12870	11490	3150	2490	2380

Total acre-feet 64340

DISCHARGE IN SECOND-FEET OF BEAVER CREEK NEAR GENOA
Sec. 14-17-4 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	75	87	81	80	138	140	105	286	152	105	60	45
2	74	83	81	82	145	120	111	392	126	100	61	46
3	72	82	81	82	165	130	120	378	114	97	62	53
4	73	81	82	80	150	140	127	396	113	94	60	52
5	71	83	81	82	150	148	194	423	148	94	58	57
6	69	83	87	74	159	148	185	392	111	92	62	62
7	65	84	87	70	171	154	154	322	112	90	62	57
8	66	83	87	80	187	180	139	240	574	90	59	56
9	67	83	90	82	172	161	133	191	858	88	58	55
10	69	83	90	94	150	170	131	361	665	84	58	54
11	70	83	60	100	136	197	129	1310	480	86	61	54
12	70	84	63	101	135	233	129	1240	438	90	64	54
13	71	84	71	102	128	250	128	970	458	221	91	54
14	73	85	77	101	122	262	126	500	396	174	81	54
15	74	85	83	85	115	235	123	255	392	113	64	54
16	74	85	73	77	109	212	120	212	330	93	59	54
17	75	86	56	116	103	215	123	196	202	84	62	54
18	52	86	67	97	97	199	136	185	162	123	60	54
19	71	86	62	102	95	185	142	180	140	81	58	55
20	74	91	55	115	91	170	142	217	126	78	58	55
21	73	91	74	111	88	149	131	247	114	75	56	55
22	75	92	69	113	97	139	123	190	108	72	54	56
23	76	90	76	111	101	127	118	164	105	72	53	55
24	78	92	76	107	104	120	124	145	107	70	51	56
25	80	90	76	103	121	115	118	138	394	69	52	57
26	80	87	78	103	126	112	112	129	319	68	51	58
27	80	82	80	104	140	109	113	124	166	69	50	57
28	80	70	82	104	161	107	115	120	128	68	47	57
29	79	75	82	108	.....	109	176	173	115	64	46	57
30	79	80	83	119	....	107	174	140	108	62	45	56
31	83	....	76	128	....	105	....	158	....	60	45	....
Mean	73	84	76	97	131	160	133	335	259	91	58	55
Max.	83	92	90	128	187	262	194	1310	858	221	91	62
Min.	52	70	55	70	88	105	105	120	105	60	45	45
A.F.	4500	5030	4690	5980	7250	9810	7940	20580	15390	5610	3590	3260

Total acre-feet 93630

DISCHARGE IN SECOND-FEET OF BEAVER CREEK NEAR BEAVER CITY
Sec. 23-2-23 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	2	6	4	5	7	32	2	1	0
2	0	1	1	2	6	6	6	6	61	1	1	0
3	0	1	1	2	5	4	4	6	40	1	1	0
4	0	1	1	3	5	6	4	6	30	1	1	0
5	0	1	1	3	5	5	5	6	182	1	6	0
6	0	1	2	3	4	6	4	6	44	0	7	0
7	0	1	2	3	4	5	5	6	51	0	25	0
8	1	1	2	3	4	5	6	10	28	1	9	0
9	1	1	2	3	4	5	6	10	20	0	7	0
10	0	1	3	3	4	5	7	9	14	0	30	0
11	1	1	2	3	3	5	6	9	12	6	16	0
12	1	1	2	3	3	5	6	8	11	51	8	1
13	1	1	2	3	4	5	6	8	9	28	3	1
14	1	1	2	3	4	5	6	8	8	34	2	0
15	1	1	2	3	4	6	5	8	7	79	1	0
16	1	1	3	3	3	6	5	8	6	87	2	1
17	1	1	3	2	3	6	5	8	6	30	11	2
18	1	2	3	3	3	8	5	8	8	15	9	4
19	2	1	3	4	3	9	5	7	8	10	4	6
20	1	1	3	4	3	7	5	7	5	72	3	4
21	2	1	3	5	4	6	6	5	5	7	2	2
22	1	2	3	6	3	5	6	5	4	16	1	0
23	1	2	2	6	3	5	6	5	4	45	1	0
24	1	2	2	7	3	5	6	4	4	19	1	0
25	2	2	1	7	4	5	6	4	5	11	1	0
26	2	2	1	7	6	5	6	4	3	7	0	0
27	1	1	1	6	6	5	5	8	3	3	0	0
28	1	1	2	6	6	4	6	28	2	1	0	0
29	1	2	2	6		4	6	19	2	0	0	0
30	1	1	2	6	.	4	7	13	2	1	0	0
31	1	..	2	6	..	5	..	14	..	1	0	..
Mean	1	1	2	4	4	5	6	8	20	17	5	1
Max.	2	2	3	7	6	9	7	28	182	87	30	6
Min.	0	1	1	2	3	4	4	4	2	0	0	0
A.F.	50	70	120	250	230	330	330	510	1220	1050	300	40

Total acre-feet 4500

DISCHARGE IN SECOND-FEET OF BIRDWOOD CREEK NEAR HERSHEY
Sec. 2-14-33 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	149	139	150	171	176	181	164	169	115	138	96	104
2	130	134	160	171	171	178	174	162	127	129	98	105
3	134	129	170	174	174	169	147	147	124	99	98	105
4	130	129	170	174	176	169	158	149	96	96	100	109
5	147	136	156	176	204	183	169	154	93	100	100	105
6	147	136	154	174	176	191	164	160	138	106	102	104
7	149	132	158	170	171	176	174	174	193	130	97	106
8	151	139	164	171	176	193	186	171	186	136	97	104
9	136	147	169	169	178	201	171	174	141	132	98	103
10	130	143	171	176	175	196	151	176	138	124	99	104
11	125	141	171	174	170	186	160	171	116	110	103	111
12	130	139	174	176	170	178	162	166	122	111	103	110
12	143	147	174	176	174	181	164	162	119	108	99	111
14	141	145	164	165	176	171	166	174	114	109	99	109
15	134	149	164	145	178	143	151	176	109	110	104	109
16	125	136	169	160	169	145	151	178	98	106	106	110
17	139	143	166	160	174	149	145	186	99	104	100	113
18	147	143	164	140	188	154	139	158	97	104	100	113
19	139	149	169	150	130	154	141	136	100	114	99	113
20	143	160	166	160	120	169	145	127	103	103	99	109
21	143	154	169	175	130	169	158	124	95	96	95	100
22	143	156	166	176	140	158	162	138	127	95	96	111
23	141	154	160	174	150	158	162	143	145	95	116	111
24	136	149	160	171	180	164	171	130	111	96	220	110
25	130	147	160	176	240	158	145	129	105	94	166	109
26	127	119	150	176	243	174	141	125	116	93	156	108
27	138	110	150	178	230	171	156	122	138	93	141	106
28	151	80	160	171	200	171	158	124	106	93	132	120
29	154	100	160	171	.....	169	176	119	108	94	129	136
30	149	120	162	174	.....	166	191	118	143	102	124	132
31	143	.....	169	169	.....	166	.....	116	.....	97	106	.....
Mean	139	137	164	169	176	171	160	150	121	107	112	110
Max.	154	160	174	178	243	201	191	186	193	138	220	136
Min.	125	80	150	140	120	143	139	116	93	93	95	100
A.F.	8580	8140	10050	10400	9800	10490	9520	9240	7180	6580	6900	6550

Total acre-feet 103430

DISCHARGE IN SECOND-FEET OF BLACKWOOD CREEK NEAR CULBERTSON
Sec. 10-3-31 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.5	1.4	0.3	0.3	0.4	0.2	0.2	5	11	2	2	1
2	0.6	1.1	0.3	0.3	0.3	0.4	0.2	6	16	1	2	1
3	1.1	1.0	0.3	0.3	0.2	0.3	0.2	13	18	1	2	1
4	0.6	1.0	0.4	0.3	0.3	0.3	0.2	19	16	1	2	1
5	0.2	0.3	0.4	0.3	0.2	0.4	0.2	9	19	1	10	1
6	0.2	1.3	0.4	0.3	0.2	0.2	0.2	3	19	1	56	1
7	0.4	1.1	0.5	0.3	0.2	0.2	0.2	2	18	1	4	1
8	0.4	1.2	0.5	0.3	0.3	0.2	0.2	0	18	1	2	1
9	0.5	1.2	0.5	0.3	0.2	0.2	0.2	1	14	1	2	0
10	0.4	1.3	0.5	0.5	0.2	0.2	0.2	1	12	1	2	1
11	0.2	1.4	0.5	0.5	0.2	0.2	0.2	1	7	6	10	1
12	0.4	1.4	0.5	0.8	0.3	0.1	0.2	0	3	5	2	1
13	0.4	1.3	0.5	0.8	0.3	0.2	0.2	3	1	4	2	1
14	0.5	1.3	0.5	0.7	0.3	0.7	0.2	4	1	3	3	1
15	0.5	1.2	0.5	0.4	0.3	0.3	0.2	3	2	2	4	1
16	0.2	1.0	0.5	0.2	0.2	0.2	0.2	2	5	2	4	1
17	0.2	1.0	0.5	0.2	0.3	0.2	0.2	3	4	4	2	1
18	0.4	1.0	0.4	0.4	0.3	0.2	0.2	4	1	1	2	1
19	0.4	1.0	0.4	0.4	0.2	0.2	0.2	8	1	1	2	1
20	0.4	1.0	0.4	0.7	0.1	0.2	0.2	8	1	1	3	1
21	0.4	1.1	0.5	0.5	0.1	0.2	0.2	3	1	2	3	1
22	0.5	1.2	0.5	0.5	0.5	0.2	0.2	4	1	2	3	1
23	0.5	1.2	0.4	0.4	0.8	0.2	0.2	8	1	2	2	1
24	0.5	1.0	0.3	0.4	0.6	0.2	0.2	10	1	2	2	1
25	0.6	1.0	0.2	0.4	0.5	0.2	0.2	12	1	2	1	1
26	0.6	0.6	0.3	0.4	0.5	0.2	0.2	6	1	2	1	1
27	0.7	0.4	0.3	0.3	0.5	0.2	0.2	6	1	2	1	1
28	0.8	0.4	0.4	0.2	0.4	0.2	3.5	10	1	2	1	1
29	0.8	0.3	0.4	0.2	.....	0.2	12.0	11	3	2	1	1
30	0.9	0.3	0.4	0.4	.....	0.2	5.0	10	4	3	1	1
31	0.9	.....	0.4	0.5	.....	0.2	.....	12	.....	2	1	.....
Mean	0.5	1.0	0.4	0.4	0.3	0.2	0.9	6	7	2	4	1
Max.	1.1	1.4	0.5	0.8	0.8	0.7	12.0	19	19	6	56	1
Min.	0.2	0.3	0.2	0.2	0.1	0.1	0.2	0	1	1	1	0
A.F.	31.0	61.0	26.0	25.0	18.0	14.0	51.0	371	399	125	268	48

Total acre-feet 1440

DISCHARGE IN SECOND-FEET OF BLUE CREEK NEAR LEWELLEN
Sec. 30-16-42 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	71	80	93	102	97	95	92	1	1	83	42
2	13	71	80	88	101	93	97	87	1	1	82	31
3	13	73	85	85	103	94	101	92	0	1	84	19
4	12	78	90	95	105	90	97	91	0	1	71	16
5	14	79	89	97	104	103	97	88	0	1	85	16
6	14	78	89	92	102	104	94	88	2	1	85	16
7	13	80	91	90	101	94	120	85	15	3	84	15
8	14	80	103	92	100	98	137	83	81	7	69	7
9	16	81	105	95	96	97	116	77	65	1	57	5
10	8	80	100	100	60	96	109	72	52	1	45	2
11	2	89	100	101	95	95	101	71	53	1	7	1
12	1	93	90	102	100	92	97	71	60	1	6	1
13	1	94	96	103	90	92	94	66	52	1	2	1
14	6	98	91	100	91	87	91	57	47	1	1	4
15	16	98	96	50	90	85	87	46	38	0	1	3
16	14	98	100	50	91	86	87	50	46	0	1	3
17	14	102	101	70	90	88	88	59	45	1	1	2
18	16	102	98	90	97	85	89	58	22	2	2	1
19	18	105	96	110	73	85	91	57	13	1	72	1
20	21	100	103	140	60	89	90	50	2	2	60	1
21	34	102	101	116	70	88	91	46	1	2	34	1
22	35	98	101	106	90	87	91	44	1	5	31	1
23	38	97	94	109	100	87	91	44	1	6	38	1
24	44	96	90	114	118	88	100	44	1	6	47	2
25	54	92	90	115	112	92	88	27	0	4	54	2
26	57	75	80	112	115	93	88	3	0	3	62	2
27	58	63	85	107	120	95	90	2	0	6	62	3
28	59	73	90	103	115	94	80	6	0	33	62	5
29	60	76	90	107	.....	94	92	2	1	175	58	2
30	65	80	96	110	.....	95	117	1	1	97	57	1
31	68	.....	93	102	.....	97	.....	1	.....	89	52	.....
Mean	26	87	93	98	96	92	97	54	20	15	47	7
Max.	68	105	105	140	120	104	137	92	81	175	85	42
Min.	1	63	80	50	60	85	80	1	0	0	1	1
A.F.	1610	5160	5740	6040	5340	5670	5760	3290	1190	900	2890	418

Total acre-feet 44010

DISCHARGE IN SECOND-FEET OF BLUE RIVER, BIG, NEAR BARNESTON
Sec. 13-1-7 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	217	225	273	275	734	342	320	437	650	209	191	112
2	199	237	271	271	641	362	295	446	542	243	108	115
3	205	239	300	288	578	368	283	419	425	205	159	145
4	227	273	322	269	558	335	273	413	350	231	147	141
5	217	247	320	295	554	342	261	431	358	167	163	117
6	273	199	305	271	614	365	300	400	332	211	583	101
7	207	300	245	259	623	398	249	388	370	205	614	117
8	193	273	283	243	605	428	269	385	811	193	345	122
9	191	241	352	223	572	503	300	388	1520	203	328	136
10	175	215	345	271	509	491	290	390	1680	229	352	143
11	191	241	350	253	533	437	308	470	1190	197	372	153
12	175	253	365	295	494	431	285	345	1020	195	400	121
13	203	207	342	267	491	368	298	340	794	193	402	91
14	217	255	295	263	470	416	263	330	626	191	279	126
15	241	261	308	271	413	425	271	408	558	193	261	122
16	195	275	281	259	419	449	288	355	560	191	177	119
17	191	332	362	211	416	375	275	269	491	169	181	113
18	185	300	355	225	340	362	285	263	431	161	171	124
19	207	302	338	271	425	320	263	259	332	157	171	130
20	213	322	340	255	402	335	275	308	340	153	167	112
21	203	285	322	223	360	352	267	298	298	648	153	130
22	201	308	372	330	283	320	265	318	283	849	163	134
23	217	290	352	300	310	290	305	310	235	1010	96	124
24	209	295	315	340	358	300	288	255	279	581	128	132
25	205	259	285	350	350	292	312	269	255	468	128	124
26	181	245	271	335	335	302	261	249	265	437	145	143
27	235	271	342	368	352	290	298	392	227	255	134	137
28	193	231	283	422	350	302	310	811	223	229	121	128
29	213	277	271	491	.....	249	300	1110	217	203	124	137
30	191	243	345	542	.....	271	375	772	233	179	124	128
31	211	.....	308	569	.....	295	.....	738	.....	195	157	.....
Mean	206	263	317	307	467	359	288	418	530	289	227	126
Max.	273	332	372	569	734	503	375	1110	1680	1010	614	153
Min.	175	199	245	211	283	249	249	249	217	153	96	91
A.F.	12660	15670	19470	18850	25960	22050	17120	25720	31530	17750	13970	7490

Total acre-feet 228240

DISCHARGE IN SECOND-FEET OF BLUE RIVER, LITTLE, NEAR ANGUS—Sec. 35-4-6 W.
Water Year Ending Sept. 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.
1	62	70	82	76	91
2	62	70	88	77	90
3	63	69	87	81	90
4	63	69	90	79	91
5	65	70	87	76	91
6	65	71	86	78	90
7	66	73	83	79	90
8	66	72	80	79	90
9	65	72	80	85	90
10	66	72	80	99	90
11	66	72	79	92	90
12	70	74	80	84	88
13	71	76	79	86	....
14	71	75	79	87	....
15	71	77	103	85	....
16	72	77	91	71	....
17	72	88	77	75	....
18	72	81	79	75	....
19	77	80	83	80	....
20	77	78	92	85	....
21	78	77	68	90	....
22	74	79	70	95	....
23	72	83	71	90	....
24	73	80	70	89	....
25	74	83	72	85	....
26	74	74	74	86	....
27	74	85	65	89	....
28	73	84	65	90	....
29	74	79	70	92	....
30	72	81	76	91	....
31	71	....	76	91	....
Mean	70	76	79	84	....
Max.	78	88	103	99	....
Min.	62	69	65	71	....
A.F.	4310	4540	4880	5190	2140

Note: Station discontinued, gage moved to new site.

DISCHARGE IN SECOND-FEET OF BLUE RIVER, LITTLE, NEAR DEWEESE
Sec. 12-4-7 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	.....	.....	.....	.....	85	83	86	90	64	44	40
2	.....	.....	.....	.....	.....	86	85	84	83	64	42	40
3	.....	.....	.....	.....	.....	85	82	84	80	63	51	51
4	.....	.....	.....	.....	.....	82	80	82	80	61	54	52
5	.....	.....	.....	.....	.....	82	81	82	85	62	52	52
6	.....	.....	.....	.....	.....	82	81	81	83	59	56	53
7	.....	.....	.....	.....	.....	81	82	79	260	52	53	51
8	.....	.....	.....	.....	.....	81	81	80	1200	61	52	52
9	.....	.....	.....	.....	.....	81	84	78	754	61	51	51
10	.....	.....	.....	.....	.....	81	82	78	395	60	52	51
11	.....	.....	.....	.....	.....	81	81	78	184	61	58	51
12	.....	.....	.....	.....	77	83	83	80	156	65	52	51
13	.....	.....	.....	.....	78	82	81	77	102	65	52	54
14	.....	.....	.....	.....	80	83	80	77	91	61	51	54
15	.....	.....	.....	.....	81	81	81	75	93	63	52	52
16	.....	.....	.....	.....	81	81	79	75	88	61	52	53
17	.....	.....	.....	.....	81	81	76	84	92	61	52	53
18	.....	.....	.....	.....	80	81	77	82	86	60	49	54
19	.....	.....	.....	.....	82	79	77	81	80	61	49	56
20	.....	.....	.....	.....	82	82	77	81	78	67	46	56
21	.....	.....	.....	.....	70	82	77	74	78	67	45	55
22	.....	.....	.....	.....	100	79	77	76	74	63	46	56
23	.....	.....	.....	.....	85	79	77	75	72	61	46	57
24	.....	.....	.....	.....	86	81	80	75	69	58	46	56
25	.....	.....	.....	.....	86	81	81	74	70	57	46	56
26	.....	.....	.....	.....	86	81	80	78	72	57	46	56
27	.....	.....	.....	.....	84	79	78	108	70	49	44	56
28	.....	.....	.....	.....	84	79	78	139	69	52	38	56
29	.....	.....	.....	.....	....	81	83	99	66	47	38	55
30	.....	.....	.....	.....	....	81	92	111	65	47	38	56
31	.....	.....	.....	.....	....	81	....	88	....	44	42	....
Mean	.....	.....	.....	.....	....	81	80	84	162	59	48	53
Max.	.....	.....	.....	.....	100	86	92	139	1200	67	58	57
Min.	.....	.....	.....	.....	70	79	76	74	65	44	38	40
A.F.	.....	.....	.....	.....	2780	5010	4790	5160	9650	3640	2970	3150

Total acre-feet 37150

DISCHARGE IN SECOND-FEET OF BLUE RIVER, LITTLE, NEAR ENDICOTT
Sec. 6-1-3 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	135	166	181	190	255	183	210	263	215	147	93	87
2	133	165	183	195	241	182	190	234	212	145	94	88
3	134	161	183	200	236	188	158	205	193	142	98	110
4	134	162	183	198	232	187	179	187	183	147	100	367
5	135	161	183	198	243	188	179	190	208	145	101	251
6	135	156	183	198	236	191	177	185	223	177	105	136
7	139	156	190	195	217	187	177	177	225	155	106	113
8	139	158	196	190	208	187	183	172	3330	142	110	106
9	138	155	191	191	203	188	179	170	4530	142	107	103
10	142	158	183	190	196	183	179	176	1610	139	104	101
11	145	158	177	202	193	183	176	259	915	135	107	100
12	145	156	177	203	190	183	176	228	590	130	110	97
13	147	156	164	214	187	182	198	183	420	134	108	96
14	148	158	131	217	185	195	179	174	336	135	103	100
15	148	158	140	180	180	191	148	168	284	130	102	96
16	149	159	162	145	179	185	164	171	255	128	103	97
17	151	188	191	130	174	185	164	180	234	124	99	96
18	151	188	185	155	177	180	165	180	223	121	99	94
19	154	176	170	170	182	177	165	182	208	119	99	99
20	155	174	150	185	185	174	166	176	208	152	101	92
21	158	172	130	190	142	176	166	174	214	271	97	96
22	159	168	120	195	172	176	168	170	238	288	96	93
23	161	168	115	200	180	176	162	165	215	188	96	92
24	162	166	118	205	190	174	170	162	188	143	90	97
25	164	150	125	210	200	140	176	162	179	124	98	99
26	164	106	140	214	188	165	174	161	224	115	97	100
27	166	123	150	224	183	170	168	947	185	109	90	94
28	165	135	160	226	182	168	170	1430	166	105	96	97
29	164	144	175	226	.....	166	185	458	159	101	89	98
30	166	179	185	228	.....	171	208	288	152	99	86	95
31	166	.....	190	241	.....	179	.....	236	.....	97	87	.....
Mean	150	159	165	197	198	179	175	265	551	143	99	113
Max.	166	188	196	241	255	195	210	1430	4530	288	110	367
Min.	133	106	115	130	142	140	148	161	152	97	86	87
A.F.	9230	9480	10140	12110	10980	11030	10430	16290	32770	8780	6090	6720

Total acre-feet 144050

DISCHARGE IN SECOND-FEET OF BRUSHY CREEK NEAR MAYWOOD
Sec. 28-8-29 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	1	1	1	1	1	0	0	0	0
2	0	1	1	1	1	1	1	1	1	0	0	0
3	0	1	1	1	1	1	1	1	1	0	0	0
4	0	1	1	1	1	1	1	1	3	0	0	0
5	0	1	1	1	1	1	1	1	1	0	4	0
6	1	1	1	1	1	1	1	1	1	0	2	0
7	1	1	1	1	1	1	1	1	1	0	0	0
8	1	1	1	1	1	1	1	1	1	0	0	0
9	1	1	1	1	1	1	1	1	1	0	0	0
10	1	1	1	1	1	1	1	1	0	0	52	0
11	1	1	1	1	1	1	1	1	0	1	7	0
12	1	1	1	1	1	1	1	0	0	0	0	0
13	1	1	1	1	1	1	1	0	0	0	0	0
14	1	1	1	1	1	3	1	1	0	0	0	0
15	1	1	1	1	1	2	1	4	0	0	0	0
16	1	1	1	1	1	2	1	7	0	0	0	0
17	1	1	1	1	1	2	1	1	0	0	0	0
18	1	1	1	1	1	1	1	1	0	0	0	0
19	1	1	1	1	1	1	1	1	0	0	28	0
20	1	1	1	1	1	1	1	1	0	0	5	0
21	1	1	1	1	1	1	1	1	0	0	0	0
22	1	1	1	1	1	1	1	1	0	0	0	0
23	1	1	1	1	1	1	1	1	0	0	0	0
24	1	1	1	1	1	0	1	1	0	0	4	0
25	1	1	1	1	1	1	1	1	0	0	0	0
26	1	1	1	1	1	1	1	0	0	0	0	0
27	1	1	1	1	1	1	1	0	0	0	0	0
28	1	1	1	1	1	1	1	1	0	0	0	0
29	1	1	1	1	..	1	1	0	0	0	0	0
30	1	1	1	1	..	1	1	0	0	0	0	0
31	1	.	1	1	..	1	.	0	.	0	0	0
Mean	0	1	1	1	1	1	1	1	0	0	3	0
Max.	1	1	1	1	1	3	1	7	3	1	52	0
Min	0	1	1	1	1	0	1	0	0	0	0	0
A. F.	33	41	39	49	42	58	49	63	32	12	211	6

Total acre-feet 636

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR HAIGLER
Sec. 20-1-40 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	8	12	12	11	13	11	14	6	1	1	1
2	5	8	13	12	11	15	10	14	8	1	1	1
3	5	8	13	15	12	13	9	12	7	1	1	0
4	3	8	12	14	11	12	10	11	5	1	1	1
5	4	8	11	13	11	13	10	11	7	1	0	0
6	6	9	12	12	10	12	10	10	9	1	0	1
7	4	8	11	12	11	13	10	10	10	1	0	1
8	6	8	15	13	11	13	13	9	8	7	0	0
9	7	8	11	13	10	13	14	8	7	8	0	0
10	7	8	13	14	9	13	14	9	7	2	0	0
11	7	8	11	14	10	13	14	8	7	2	0	0
12	7	8	11	16	10	12	15	8	6	2	1	0
13	7	8	11	14	10	13	16	9	5	2	0	0
14	7	9	11	13	10	12	16	10	4	2	1	0
15	8	10	11	9	9	11	13	10	4	2	1	0
16	7	10	12	12	9	13	11	12	3	2	6	0
17	7	10	11	13	9	13	10	13	3	2	9	0
18	7	10	11	13	10	12	10	12	2	3	2	1
19	7	10	11	15	9	12	10	6	2	3	1	1
20	7	9	12	14	4	12	10	8	2	3	1	5
21	5	11	11	13	4	11	11	8	2	2	1	4
22	5	10	12	12	7	11	10	7	2	3	1	4
23	5	10	12	12	9	10	10	7	2	3	1	4
24	5	9	10	12	11	10	10	7	2	4	2	3
25	5	7	11	14	11	10	10	7	2	2	3	3
26	6	8	12	12	11	10	10	6	2	1	3	3
27	7	9	12	11	14	9	10	6	2	0	2	3
28	8	10	12	11	15	8	10	7	2	0	2	3
29	8	11	12	11	....	9	11	7	2	0	2	3
30	8	12	12	11	....	10	13	6	1	0	2	2
31	8	....	12	11	....	11	....	6	.	1	1	..
Mean	6	9	12	13	10	12	11	9	4	2	2	2
Max.	8	12	15	16	15	15	16	14	10	8	9	5
Min.	3	7	10	9	4	8	9	6	1	0	0	0
A.F.	378	532	720	780	555	717	674	555	251	131	96	98

Total acre-feet 5490

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR DARR
Sec. 28-11-22 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	0	0	0	0	0	0	0	1	0	4	12
2	14	0	0	0	0	0	0	0	0	0	5	8
3	30	0	0	0	0	0	0	0	0	0	8	14
4	33	0	0	0	0	0	0	0	4	0	6	14
5	26	0	0	0	0	0	0	0	5	0	13	10
6	22	0	0	0	0	0	0	0	6	0	19	8
7	27	0	0	0	0	0	0	0	8	0	19	7
8	17	0	0	0	0	0	0	0	8	0	12	12
9	9	0	0	0	0	0	0	0	10	0	12	14
10	3	0	0	0	0	0	0	0	9	4	16	16
11	0	0	0	0	0	0	0	0	6	6	10	18
12	0	0	0	0	0	0	0	0	7	8	2	17
13	0	0	0	0	0	0	0	0	10	6	3	12
14	0	0	0	0	0	0	0	0	10	5	1	5
15	0	0	0	0	0	0	0	0	11	2	3	4
16	0	0	0	0	0	0	0	0	12	3	9	10
17	0	0	0	0	0	0	0	0	10	1	10	20
18	0	0	0	0	0	0	0	0	10	2	13	23
19	0	0	0	0	0	0	0	0	12	4	8	26
20	0	0	0	0	0	0	0	0	9	5	6	29
21	0	0	0	0	0	0	0	0	10	10	9	32
22	0	0	0	0	0	0	0	2	12	4	8	34
23	0	0	0	0	0	0	0	10	7	0	6	32
24	0	0	0	0	0	0	0	8	8	1	8	30
25	0	0	0	0	0	0	0	8	11	2	11	28
26	0	0	0	0	0	0	0	6	8	0	11	11
27	0	0	0	0	0	0	0	4	4	1	10	30
28	0	0	0	0	0	0	0	4	4	2	10	34
29	0	0	0	0	..	0	0	4	7	3	11	21
30	0	0	0	0	..	0	0	2	2	6	11	29
31	0	.	0	0	.	0	..	3	.	8	16	...
Mean	6	0	0	0	0	0	0	2	7	3	9	19
Max.	33	0	0	0	0	0	0	10	12	10	19	34
Min.	0	0	0	0	0	0	0	0	0	0	1	4
A.F.	363	0	0	0	0	0	0	101	436	161	573	1110

Total acre-feet 2740

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR OVERTON
Sec. 20-9-19 W. Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	2	1	1	2	5	1	2	3	26	4	8
2	17	2	1	1	2	4	2	3	4	11	3	10
3	17	2	1	1	2	4	2	3	4	4	1	22
4	35	2	2	1	3	4	1	3	4	2	0	41
5	70	2	2	1	2	4	0	2	6	4	0	31
6	73	2	2	1	2	4	1	2	16	1	0	28
7	80	2	1	1	2	5	2	2	18	0	0	65
8	88	2	2	1	2	5	2	2	21	0	17	76
9	55	1	2	2	2	5	2	0	34	2	30	59
10	15	2	1	2	2	5	2	27	23	1	31	44
11	8	1	2	2	2	4	2	29	30	2	33	45
12	6	1	2	2	2	4	1	7	34	1	33	45
13	2	1	1	2	2	4	1	2	26	2	45	46
14	2	1	1	2	2	5	1	2	20	0	48	35
15	2	1	1	2	2	3	2	2	25	0	35	27
16	3	1	1	1	2	3	2	2	26	0	29	16
17	3	1	1	1	2	3	2	2	28	0	26	10
18	4	1	1	1	2	3	1	3	34	0	22	27
19	3	1	1	1	2	3	1	2	33	0	22	32
20	3	1	1	2	0	3	1	2	24	0	32	37
21	3	1	1	2	0	3	1	2	25	0	30	44
22	3	1	1	2	0	3	2	2	28	0	21	44
23	3	1	1	2	0	2	1	3	32	1	12	30
24	2	1	1	2	1	2	2	3	33	6	18	56
25	2	2	1	2	1	2	1	4	48	10	19	65
26	2	0	1	3	1	2	0	4	52	13	12	56
27	1	1	1	3	2	1	2	12	71	11	19	52
28	1	0	1	3	4	2	1	14	70	11	14	31
29	1	0	1	2	--	2	3	21	41	8	6	15
30	2	2	1	2	--	2	2	5	33	6	0	18
31	1		1	2		2		3	---	4	1	---
Mean	17	1	1	2	2	3	1	6	28	4	18	37
Max.	88	2	2	3	4	5	3	29	71	26	48	76
Min.	1	0	1	1	0	1	0	0	3	0	0	8
A.F.	1020	69	78	101	103	205	83	342	1680	248	1120	2210

Total acre-feet 7260

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK—Sec. 33-9-18 W. Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	4	7	32	0	0
2	3	7	19	0	0
3	4	6	9	0	4
4	3	4	2	0	35
5	3	5	0	0	32
6	3	4	0	0	23
7	3	25	0	0	18
8	3	26	0	0	56
9	3	28	0	0	62
10	4	47	0	15	52
11	52	27	0	18	39
12	35	51	0	19	43
13	12	44	3	14	46
14	7	33	0	34	42
15	4	26	0	39	32
16	4	31	0	23	24
17	4	32	0	21	12
18	4	32	0	15	7
19	4	38	0	14	34
20	4	35	0	9	25
21	2	23	0	20	34
22	2	25	0	18	37
23	2	26	0	10	40
24	2	29	0	6	23
25	2	32	0	7	57
26	1	49	0	10	56
27	1	46	0	6	50
28	20	67	0	10	45
29	29	62	0	11	24
30	33	32	0	2	12
31	11	---	0	0	---
Mean	9	30	2	10	32
Max.	52	67	32	39	62
Min.	1	4	0	0	0
A.F.	530	1780	130	640	1910

DISCHARGE IN SECOND-FEET OF CALAMUS RIVER NEAR BURWELL
Sec. 8-21-16 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	280	295	285	410	378	380	309	444	302	292	500	261
2	280	289	295	423	370	380	330	478	309	276	496	273
3	280	299	305	410	358	380	340	483	306	292	457	264
4	276	302	315	370	355	378	344	505	299	319	415	267
5	276	302	323	355	366	360	348	510	295	319	390	270
6	276	306	302	355	366	348	351	500	299	326	378	273
7	280	309	306	333	362	340	351	466	348	323	348	289
8	280	302	302	278	358	355	362	427	362	326	333	295
9	289	299	299	283	370	374	374	398	348	330	316	302
10	286	309	289	309	394	390	378	402	340	326	309	309
11	286	306	286	344	374	431	362	444	337	326	302	306
12	289	309	306	362	358	500	348	402	351	323	292	295
13	295	319	316	374	323	514	326	390	333	319	292	286
14	306	333	330	374	333	532	323	386	323	316	286	273
15	302	333	340	309	323	470	316	378	309	312	289	276
16	316	323	355	276	312	492	309	366	302	292	302	283
17	323	330	374	292	344	483	309	362	306	280	299	276
18	316	340	355	326	337	419	306	370	302	280	289	276
19	316	351	309	344	326	378	302	366	312	280	292	280
20	312	340	309	387	275	370	299	355	316	273	289	276
21	316	326	330	390	260	358	309	340	323	276	283	280
22	319	306	358	406	310	348	309	330	306	283	286	283
23	330	299	382	406	360	330	306	316	302	302	292	289
24	330	299	382	406	380	309	299	309	309	302	299	299
25	319	289	394	402	400	309	280	306	312	295	302	302
26	316	260	382	410	390	312	280	306	302	292	302	299
27	306	237	382	423	395	316	283	319	299	330	295	302
28	302	230	394	406	390	316	326	330	306	402	286	306
29	295	230	398	402	.....	323	398	326	309	348	280	302
30	292	255	406	398	.....	326	431	319	309	402	280	299
31	292	...	406	386	...	323	...	302	...	483	267	...
Mean	299	301	339	366	352	382	330	385	316	318	324	286
Max.	330	351	406	423	400	532	431	510	362	483	500	309
Min.	276	230	285	276	260	309	280	302	295	273	267	261
A.F.	18410	17900	20860	22510	19570	23490	19650	23670	18800	19530	19930	17040

Total acre-feet 241360

DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR BROADWATER—Sec. 11-18-48 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	14	1	5	20	13
2	15	6	6	20	13
3	15	1	6	15	22
4	14	1	6	15	18
5	14	1	6	15	18
6	14	2	6	13	19
7	13	5	6	12	15
8	13	17	6	12	16
9	12	6	7	12	16
10	7	13	6	11	28
11	7	13	4	14	33
12	7	26	4	13	25
13	7	13	4	13	31
14	7	5	9	12	27
15	7	4	6	13	23
16	8	5	7	15	22
17	22	5	19	12	18
18	24	4	7	12	18
19	20	9	6	47	25
20	24	8	6	14	25
21	18	28	7	13	14
22	19	7	7	13	11
23	18	6	7	14	11
24	16	25	6	13	12
25	20	30	7	12	11
26	11	22	8	12	11
27	3	17	100	12	11
28	3	6	32	12	11
29	1	6	11	12	20
30	1	5	200	12	20
31	1	...	50	12	...
Mean	12	10	18	14	18
Max.	24	30	200	47	33
Min.	1	1	4	11	11
A.F.	740	590	1120	890	1100

DISCHARGE IN SECOND-FEET OF CEDAR RIVER NEAR SPALDING
Sec. 5-20-10 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	106	119	116	135	133	170	127	242	168	118	114	100
2	101	122	116	135	133	181	147	683	150	119	102	102
3	107	122	116	137	147	165	165	679	154	121	108	127
4	104	122	118	138	132	174	161	644	156	144	107	129
5	106	125	140	137	145	163	145	592	145	145	125	107
6	98	116	137	125	154	168	156	585	140	129	114	104
7	116	121	137	132	132	181	150	506	261	124	113	116
8	119	118	133	142	147	180	152	390	367	127	112	127
9	121	118	138	142	118	178	154	319	254	124	108	119
10	116	122	127	147	127	193	157	300	259	127	112	122
11	116	113	133	142	129	209	156	264	306	145	144	119
12	113	122	124	142	115	249	156	227	321	197	145	116
13	112	113	85	142	115	245	152	213	306	154	121	112
14	112	121	110	120	110	293	161	224	213	142	124	112
15	122	113	113	90	110	319	165	240	187	130	121	118
16	112	104	140	95	120	247	163	229	172	122	121	119
17	124	133	106	114	90	261	163	229	138	129	119	113
18	127	110	127	129	88	222	154	224	170	130	118	116
19	119	133	120	137	84	199	152	220	135	132	119	112
20	124	116	115	142	80	161	142	211	149	119	114	116
21	113	127	120	144	76	168	147	205	116	125	113	112
22	124	119	120	142	100	142	137	213	135	116	113	104
23	118	121	122	140	152	154	144	195	137	129	110	108
24	129	121	120	140	160	133	122	176	159	129	104	108
25	121	113	115	144	152	130	154	165	156	132	106	107
26	127	104	105	145	143	138	130	195	127	118	106	107
27	118	98	120	138	152	132	144	178	132	119	106	107
28	114	108	125	145	157	122	140	216	140	132	104	107
29	125	113	137	142	.....	135	185	213	127	119	101	127
30	114	114	135	144	.....	119	261	195	121	119	102	113
31	127	.....	130	152	.....	130	.....	144	.....	119	101	.....
Mean	116	117	123	135	125	183	155	301	183	130	114	114
Max.	129	133	140	152	160	319	261	683	367	197	145	129
Min.	98	98	85	90	76	119	122	144	116	116	101	100
A.F.	7150	6980	7540	8330	6940	11230	9210	18480	10910	8000	7000	6760

Total acre-feet 108530

DISCHARGE IN SECOND-FEET OF CEDAR RIVER NEAR FULLERTON
Sec. 4-16-6 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	186	201	248	219	274	306	253	302	264	209	150	128
2	179	201	245	216	262	232	273	284	264	296	156	135
3	181	196	254	232	263	251	284	442	267	341	149	160
4	181	198	274	216	269	273	290	402	258	456	152	170
5	177	196	270	227	282	302	281	341	253	290	143	154
6	196	194	287	212	282	329	270	350	258	228	154	166
7	175	194	285	198	273	363	270	356	438	225	173	158
8	177	194	285	174	262	395	276	326	1160	204	160	156
9	191	198	289	199	254	356	284	267	415	196	152	156
10	191	194	255	208	254	353	239	2210	368	198	147	162
11	194	198	243	220	235	356	255	2050	320	196	204	158
12	194	198	212	206	206	368	236	512	371	228	281	156
13	191	201	179	216	213	371	250	425	399	362	186	158
14	194	209	102	210	225	406	258	406	365	276	166	158
15	188	206	142	199	210	390	270	390	347	206	150	149
16	191	211	186	142	184	393	258	383	255	206	154	150
17	191	204	182	145	190	380	258	374	236	184	150	150
18	188	214	209	189	212	371	255	341	233	179	147	150
19	191	220	150	210	221	374	250	323	214	179	143	150
20	188	211	136	222	156	341	236	335	230	170	139	152
21	191	222	157	220	95	326	239	323	217	175	136	154
22	191	222	196	230	90	323	228	290	217	162	136	154
23	191	228	174	236	168	302	230	284	204	164	130	149
24	217	220	192	236	231	299	230	273	380	158	131	147
25	196	239	194	240	268	278	250	267	338	152	131	152
26	184	201	196	238	281	276	233	253	241	147	125	152
27	196	206	192	248	347	276	222	261	222	147	125	149
28	198	166	194	262	355	267	217	299	214	150	121	152
29	204	252	214	263	.....	255	255	425	217	147	122	152
30	206	228	221	274	.....	255	270	344	225	154	127	154
31	206	.....	218	277	.....	255	.....	305	.....	149	130	.....
Mean	191	207	212	219	234	323	254	456	313	211	151	153
Max.	217	252	289	277	355	406	290	2210	1160	456	281	170
Min.	175	166	102	142	90	232	217	253	204	147	121	128
A.F.	11750	12340	13050	13460	13020	19880	15110	28050	18620	12960	9260	9110

Total acre-feet 176610

DISCHARGE IN SECOND-FEET OF CENTER CREEK NEAR FRANKLIN
Sec. 36-2-15 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	4	4	1	7	7	8	9	7	4	4	4
2	3	4	6	2	7	10	8	8	8	4	4	4
3	3	4	6	4	7	12	7	9	7	4	3	4
4	3	4	6	6	7	14	8	8	7	4	4	4
5	3	3	5	4	7	11	8	8	7	4	4	4
6	3	3	5	2	7	12	7	7	7	4	4	4
7	3	3	5	1	8	11	8	8	6	4	4	4
8	3	3	5	5	6	11	9	8	7	4	4	4
9	3	3	4	9	7	12	9	9	7	4	4	4
10	3	3	4	13	9	10	9	9	5	5	4	4
11	3	3	3	11	7	10	9	9	6	4	4	4
12	3	3	2	8	7	10	9	8	6	4	4	4
13	3	3	1	10	9	10	9	8	6	4	4	4
14	3	3	1	8	8	11	9	9	6	4	4	4
15	4	3	2	7	9	10	9	9	6	3	4	5
16	4	3	2	6	11	10	10	9	6	4	4	5
17	4	3	2	6	11	10	9	9	6	4	4	4
18	4	3	1	7	8	9	8	9	5	4	4	5
19	4	4	7	7	7	9	9	9	6	4	4	5
20	4	4	9	9	6	11	9	8	5	6	4	5
21	4	4	5	11	4	11	9	8	5	5	4	5
22	4	4	5	9	8	10	9	8	5	4	4	5
23	4	4	4	9	11	8	9	8	6	4	4	5
24	4	4	3	9	8	8	9	7	5	4	4	5
25	4	3	1	9	8	9	9	7	5	4	4	4
26	4	1	3	10	8	8	9	7	5	4	4	5
27	4	2	3	7	8	8	9	7	5	4	4	4
28	3	2	5	9	9	7	9	7	5	4	4	4
29	4	2	5	7	..	7	9	7	4	4	4	4
30	4	2	4	7	..	8	9	7	4	4	3	4
31	4	..	3	7	..	9	..	7	..	4	4	..
Mean	3	3	4	7	8	10	9	8	6	4	4	4
Max.	4	4	9	13	11	14	10	9	8	6	4	5
Min.	2	1	1	1	4	7	7	7	4	3	3	4
A.F.	207	184	241	434	438	597	510	493	353	253	233	252

Total acre-feet 4200

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN-Sec. 6-20-52 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	9	16	13	4	16
2	9	12	11	2	14
3	9	10	5	2	15
4	4	2	18	30	23
5	2	4	16	29	21
6	2	17	14	37	14
7	1	42	9	31	16
8	1	7	7	36	18
9	1	3	6	36	27
10	1	16	6	27	31
11	1	11	14	31	18
12	0	15	4	24	16
13	0	45	9	19	24
14	6	35	6	11	21
15	19	44	4	11	20
16	23	25	7	33	21
17	25	25	13	26	24
18	26	7	25	15	20
19	23	18	33	18	19
20	14	60	35	21	20
21	18	65	31	16	23
22	17	22	20	23	24
23	14	27	25	27	22
24	16	20	17	32	16
25	22	20	24	25	9
26	11	17	17	22	13
27	12	20	16	18	15
28	11	28	17	20	10
29	13	34	12	22	1
30	14	25	40	28	0
31	17	....	26	24	..
Mean	11	23	16	23	18
Max.	26	65	40	37	31
Min.	0	2	4	2	0
A.F.	676	1373	992	1388	1053

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO—Sec. 34-18-46 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	4	5	4	4	3
2	4	3	4	3	3
3	4	3	4	3	3
4	4	3	4	3	3
5	4	3	4	3	3
6	4	4	4	3	3
7	4	3	4	3	3
8	4	5	4	3	3
9	4	7	4	4	4
10	4	3	4	3	5
11	4	4	4	4	5
12	4	4	4	4	6
13	4	4	10	4	6
14	4	4	18	4	4
15	4	4	4	3	4
16	4	3	4	3	4
17	4	3	4	4	4
18	4	3	4	4	4
19	4	4	4	5	4
20	4	4	3	4	4
21	4	4	3	4	4
22	4	4	3	4	4
23	4	4	3	4	4
24	4	2	3	4	4
25	3	4	3	4	3
26	3	5	3	4	4
27	4	6	3	4	4
28	3	10	3	4	4
29	3	4	5	4	4
30	3	4	26	3	3
31	4	..	3	4	..
Mean	4	4	5	4	4
Max.	4	10	26	5	6
Min.	3	2	3	3	3
A.F.	240	240	310	230	230

CRESCENT LAKE STORAGE IN ACRE-FEET—At head of Blue Creek
Sec. 21-20-44 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	.....	.....	.....	.....	.....	.....	5110	.....	.....	.....	2340
2	.....	.....	.....	0	830	.....	.....	.....	.....	3860	.....	.....
3	.....	.....	.....	.....	.....	.....	4060	.....	.....	3860	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	0	.....	.....	.....	.....	.....	.....	.....	2910	.....
6	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	0	.....	.....	.....	.....	.....	.....	.....	3830	2910	.....
8	.....	.....	.....	.....	.....	.....	.....	3190	.....	.....	.....	2270
9	.....	.....	.....	0	1550	.....	.....	.....	.....	.....	.....	.....
10	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2840	.....
12	.....	.....	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	1670	.....	4650	.....	.....	.....	.....	.....
14	.....	0	.....	.....	.....	.....	.....	.....	.....	3810	.....	2170
15	.....	.....	.....	.....	.....	.....	.....	.....	4730	.....	.....	.....
16	.....	.....	.....	0	.....	.....	.....	.....	.....	.....	.....	.....
17	0	.....	.....	.....	.....	.....	4580	.....	.....	3400	2370	2150
18	.....	.....	.....	.....	.....	.....	.....	.....	4590	.....	.....	.....
19	.....	.....	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	0	.....	.....	.....	.....	.....	.....	.....	3050	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	2130	.....	.....	.....	.....
23	.....	.....	.....	0	.....	.....	4560	.....	4420	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	5170	.....	4450	2770	.....	.....
25	.....	.....	.....	.....	2030	.....	.....	.....	.....	.....	2460	2010
26	.....	.....	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	0	.....	.....	.....	2040	.....	.....	.....	.....	.....	2170	.....
28	.....	0	.....	.....	.....	.....	.....	.....	.....	2810	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	1190	.....	.....	.....	.....
30	.....	.....	.....	0	.....	.....	.....	.....	3950	2910	.....	1930
31	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DISCHARGE IN SECOND-FEET OF DAVIS CREEK NEAR COTESFIELD
Sec. 34-17-12 W.— Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	2	1	2	1	3	3	2	1	0	0
2	1	1	2	1	2	0	3	4	2	54	0	0
3	0	1	2	1	2	1	4	4	2	21	0	1
4	1	2	2	1	2	0	3	4	2	3	0	1
5	0	0	2	1	2	1	3	3	2	2	0	1
6	1	1	2	1	2	1	2	3	2	1	0	0
7	1	1	2	1	2	2	3	3	13	1	0	0
8	1	1	2	2	2	3	3	3	14	1	0	0
9	1	2	2	2	2	4	4	15	3	1	0	0
10	1	2	2	2	2	4	4	209	3	1	1	0
11	1	2	2	2	1	5	3	9	2	1	11	0
12	1	1	1	2	2	6	3	3	2	7	1	0
13	1	1	1	2	1	4	3	3	2	6	1	0
14	1	2	1	2	2	3	3	3	2	2	1	0
15	0	2	1	2	1	1	3	3	2	2	1	0
16	1	2	2	2	2	1	3	3	2	1	0	0
17	1	2	2	2	1	1	3	3	2	1	0	0
18	1	1	2	2	2	1	3	3	1	1	0	0
19	1	1	2	2	2	1	3	2	1	1	1	0
20	1	1	1	2	2	1	3	3	2	1	1	0
21	0	1	2	2	2	2	3	2	2	1	1	0
22	1	1	2	2	3	2	3	2	2	1	1	0
23	1	1	2	2	3	2	3	2	2	1	1	0
24	1	1	2	2	2	3	3	2	2	1	0	0
25	1	2	1	2	3	2	5	2	2	1	0	0
26	1	2	1	2	2	2	4	2	1	1	0	0
27	1	3	1	2	3	3	5	2	1	1	0	0
28	1	1	1	2	2	3	4	4	1	1	0	0
29	1	2	1	2	..	3	6	2	1	1	0	0
30	2	2	1	2	..	3	5	2	1	1	0	0
31	2	.	1	2	..	2	.	2	.	1	0	.
Mean	1	1	1	1	2	2	3	10	3	4	1	0
Max.	2	3	2	2	3	6	6	209	14	54	11	1
Min.	0	0	1	1	1	0	2	2	1	1	0	0
A.F.	50	78	88	85	116	135	204	619	149	231	40	14

Total acre-feet 1810

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY DRAIN NO. 2
Sec. 25-10-23 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	8	4	5	15	8
2	6	3	5	14	9
3	6	3	5	14	9
4	6	3	6	13	9
5	6	4	6	16	9
6	6	4	7	19	9
7	6	4	7	16	8
8	6	4	7	14	8
9	6	5	9	13	8
10	6	4	7	13	8
11	6	4	11	12	10
12	6	5	11	11	9
13	6	5	10	11	8
14	5	5	12	10	7
15	5	5	12	10	6
16	5	6	10	10	6
17	6	5	10	10	6
18	5	5	13	10	6
19	5	5	13	10	5
20	5	5	11	10	6
21	5	5	13	9	6
22	5	5	13	9	5
23	5	5	12	9	5
24	5	5	13	9	5
25	4	5	13	9	4
26	4	5	14	9	5
27	4	6	14	9	4
28	4	5	14	10	4
29	4	5	15	8	4
30	4	5	13	9	4
31	4	..	13	8	..
Mean	5	5	10	11	6
Max.	8	6	15	19	10
Min.	4	3	5	8	4
A.F.	320	280	640	690	400

DISCHARGE IN SECOND-FEET OF DISMAL RIVER NEAR GEM
Sec. 24-21-26 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	280	320	253	293	328	283	315	273	272	276	301	258
2	277	292	284	299	332	283	309	297	270	276	307	236
3	293	289	303	299	347	319	276	277	260	276	288	232
4	265	304	303	305	347	308	279	254	238	275	300	238
5	267	294	302	284	329	281	303	267	245	280	292	250
6	262	277	310	284	320	292	291	291	290	278	299	250
7	275	287	302	317	329	281	330	293	270	293	300	245
8	277	274	296	317	337	305	298	308	270	305	296	250
9	310	283	310	323	311	332	298	315	258	285	291	253
10	297	298	299	319	278	325	280	286	260	288	285	257
11	304	292	290	319	302	313	300	262	277	288	283	260
12	312	298	274	317	305	317	296	265	267	290	283	249
13	302	294	263	311	308	333	285	276	258	299	280	253
14	314	302	273	284	317	320	282	276	260	274	270	254
15	308	292	294	244	299	321	264	300	245	283	272	261
16	310	301	308	284	295	325	288	288	232	288	266	262
17	298	297	305	324	292	321	285	291	249	293	274	265
18	297	288	326	364	238	294	270	285	269	293	271	262
19	285	279	317	404	204	324	274	273	269	288	267	264
20	288	291	314	409	244	319	292	280	259	297	272	245
21	298	298	310	394	283	284	303	272	258	280	270	268
22	312	294	310	374	223	296	293	252	260	334	278	262
23	313	291	310	324	304	282	305	261	282	307	284	268
24	313	283	283	334	334	300	277	270	270	304	275	264
25	311	259	279	341	384	274	270	260	268	298	272	264
26	305	223	273	341	393	292	267	255	273	296	271	274
27	298	204	284	338	304	295	295	261	273	305	258	276
28	293	214	293	341	254	290	327	261	273	318	272	280
29	293	224	304	329	.....	294	340	267	268	345	281	271
30	293	233	298	323	.....	306	297	251	272	303	268	267
31	308	.....	302	328	.....	312	.....	261	.....	300	262	.....
Mean	295	279	296	325	305	304	293	275	264	294	280	258
Max.	314	320	326	409	393	333	340	315	290	345	307	280
Min.	262	204	253	244	204	274	264	251	232	274	258	232
A.F.	18160	16610	18190	19970	16940	18690	17430	16920	15700	18080	17230	15350

Total acre-feet 209270

DISCHARGE IN SECOND-FEET OF DISMAL RIVER NEAR DUNNING
Sec. 4-21-24 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	306	345	250	318	345	270	357	339	315	297	330	283
2	306	357	270	309	345	300	361	315	327	300	333	280
3	303	327	300	315	348	300	354	339	324	300	339	257
4	321	324	320	315	363	336	321	318	315	300	318	254
5	292	339	320	321	363	324	324	297	292	297	336	262
6	294	330	318	300	345	297	348	309	300	300	330	274
7	289	309	327	300	336	309	336	333	345	297	339	274
8	303	318	318	333	345	297	375	336	324	312	342	268
9	306	306	312	333	354	321	342	351	324	324	339	277
10	339	315	327	339	327	348	342	357	312	297	336	280
11	327	330	315	336	294	342	324	336	315	300	333	286
12	333	324	306	336	318	330	345	312	327	300	333	289
13	342	330	290	333	321	333	342	315	321	303	333	277
14	333	327	280	327	324	351	330	327	312	312	324	283
15	345	333	290	300	333	336	327	327	315	286	309	286
16	339	321	310	260	315	336	309	354	300	294	312	294
17	342	330	324	300	312	342	333	342	286	300	303	297
18	330	327	321	340	309	324	330	345	306	306	312	300
19	330	315	342	380	253	309	315	339	324	306	309	297
20	318	306	333	420	220	342	318	327	324	300	300	300
21	321	318	330	425	260	339	330	333	309	312	306	280
22	333	324	327	410	300	306	348	327	303	294	300	303
23	345	318	327	390	290	321	339	306	303	354	309	297
24	351	315	327	340	320	309	351	315	321	327	315	303
25	351	303	300	350	350	330	321	324	303	324	300	300
26	348	270	295	357	400	306	315	315	297	318	297	300
27	342	240	290	357	410	327	312	309	300	318	292	309
28	336	220	300	354	320	333	339	315	300	330	280	312
29	330	230	310	357	.....	330	372	315	300	345	294	315
30	330	240	321	345	.....	336	385	321	292	375	303	306
31	330	.....	315	339	.....	351	.....	306	.....	333	289	.....
Mean	326	310	310	340	326	324	338	326	311	312	316	288
Max.	351	357	342	425	410	351	385	357	345	375	342	315
Min.	289	220	250	260	220	270	309	297	286	286	280	254
A.F.	20060	18430	19070	20900	18090	19900	20120	20040	18520	19160	19430	17140

Total acre-feet 230900

DISCHARGE IN SECOND-FEET OF DRIFTWOOD CREEK NEAR McCOOK
Sec. 12-2-30 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.1	0.1	0.6	0.8	0.5	0.3	0.3	0.1	3.6	0.0	0.2	0.0
2	1.2	0.1	0.6	0.9	0.5	0.3	0.4	0.1	6.7	0.0	0.1	0.0
3	1.2	0.1	0.6	0.8	0.5	0.3	0.6	0.0	2.2	0.1	0.3	0.0
4	2.0	0.1	0.6	0.7	0.5	0.2	0.6	0.1	0.5	0.1	0.4	0.0
5	1.9	0.1	0.6	0.7	0.5	0.3	0.5	0.2	0.2	0.2	0.5	0.0
6	2.8	0.1	0.5	0.6	0.4	0.3	0.6	0.2	0.1	0.0	27.0	0.0
7	2.8	0.1	0.5	0.3	0.5	0.2	0.6	0.2	0.1	0.0	10.0	0.0
8	1.4	0.1	0.6	0.3	0.5	0.2	0.8	2.5	0.1	0.0	3.8	0.0
9	2.1	0.2	0.5	0.4	0.4	0.2	0.6	9.3	0.2	0.0	0.8	0.0
10	0.5	0.2	0.5	0.4	0.4	0.4	0.3	18.0	0.2	0.0	0.2	0.0
11	0.6	0.3	0.4	0.5	0.4	0.2	0.2	16.0	0.3	0.2	0.3	0.0
12	1.4	0.3	0.4	0.5	0.4	0.5	0.1	8.6	0.3	20.0	0.5	0.0
13	2.0	0.3	0.4	0.5	0.4	0.5	0.2	7.9	0.2	5.7	0.1	0.0
14	1.2	0.3	0.3	0.5	0.4	0.6	0.2	4.2	0.2	3.1	0.0	0.0
15	2.2	0.3	0.3	0.4	0.4	0.5	0.2	4.3	0.1	24.0	0.0	0.0
16	2.2	0.3	0.3	0.4	0.4	0.5	0.1	4.0	0.1	8.6	0.0	0.0
17	0.2	0.3	0.4	0.4	0.4	0.5	0.1	4.2	0.1	0.1	0.0	0.0
18	0.2	0.3	0.3	0.4	0.4	0.5	0.1	8.2	0.1	0.5	0.0	0.5
19	0.2	0.4	0.3	0.4	0.4	0.4	0.1	17.0	0.0	0.7	0.0	0.0
20	0.2	0.4	0.3	0.7	0.4	0.5	0.1	14.0	0.3	20.0	0.0	0.1
21	0.2	0.3	0.4	0.6	0.4	0.5	0.1	14.0	0.0	8.8	0.0	0.0
22	0.2	0.4	0.3	0.6	0.3	0.5	0.1	6.5	0.0	0.6	0.0	0.2
23	0.1	0.4	0.3	0.4	0.3	0.4	0.1	0.6	0.0	0.2	0.0	0.1
24	0.2	0.5	0.3	0.4	0.4	0.4	0.1	0.5	0.2	0.2	0.0	0.0
25	0.2	0.6	0.3	0.5	0.5	0.3	0.1	0.5	0.4	0.2	0.2	0.0
26	0.2	0.5	0.3	0.5	0.4	0.1	0.2	0.4	0.4	0.1	0.0	0.0
27	0.2	0.5	0.3	0.5	0.4	0.1	0.3	0.4	0.2	0.0	0.0	0.0
28	0.1	0.5	0.5	0.5	0.4	0.4	0.2	0.7	0.1	0.0	0.0	0.0
29	0.1	0.5	0.6	0.5	.....	0.4	0.2	0.6	0.1	0.0	0.0	0.2
30	0.1	0.5	0.4	0.5	.....	0.3	0.2	4.4	0.0	0.1	0.0	0.1
31	0.1	.....	0.4	0.5	.....	0.3	.....	6.6	.....	0.3	0.0	.....
Mean	0.9	0.3	0.4	0.5	0.4	0.4	0.3	5.0	0.6	3.0	1.4	0.0
Max.	2.8	0.6	0.6	0.9	0.5	0.6	0.8	18.0	6.7	24.0	27.0	0.5
Min.	0.1	0.1	0.3	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
A.F.	58.0	18.0	26.0	32.0	23.0	22.0	16.0	306.0	34.0	186.0	88.0	2.4

Total acre-feet 811

DISCHARGE IN SECOND-FEET OF DRY CREEK NEAR CURTIS
Sec. 25-8-28 W.—Water Year Ending September 30, 1953

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	13	0
7	0	0	0	0	0	0	0	0	0	0	21	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	62	0
11	0	0	0	0	0	0	0	0	0	0	11	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	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	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	0	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
30	0	0	0	0	.	0	0	0	0	0	0	0
31	0	..	0	0	..	0	..	0	..	0	0	..
Mean	0	0	0	0	0	0	0	0	0	0	3	0
Max.	0	0	0	0	0	0	0	0	0	0	62	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	0	0	0	0	213	0

Total acre-feet 214

DISCHARGE IN SECOND-FEET OF DRY CREEK NEAR CAIRO
Sec. 18-12-11 W.—Water Year Ending September 30, 1953

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	0.1	0.1	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0.2
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	16	0	0	0
8	0	0	0	0	0	0	0	0	15	0	0	0
9	0	0	0	0	0	0	0.2	0	0.5	0	0	0
10	0	0	0	0	0	0	0	0.1	0.1	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0.1	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	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0.1	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	243	0	0	0	0
28	0	0	0	0	0	0	0	6	0	0	0	0
29	0	0	0	0	..	0	0.3	0.8	0	0	0	0
30	0	0	0	0	..	0	0	0.1	0	0	0	0
31	0	..	0	0	..	0	..	0	..	0	0	..
Mean	0	0	0	0	0	0	0	8	1	0	0	0
Max.	0	0	0	0	0	0	0.3	243	16	0	0.1	0.2
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	1.4	496	63	0	0.2	0.4

Total acre-feet 561

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER, NEAR NORTHPORT—Sec. 20-20-50 W. Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	2	3	8	33	14
2	2	4	6	41	14
3	3	4	7	58	16
4	3	4	7	33	18
5	2	5	8	51	16
6	2	4	10	27	19
7	2	18	9	24	20
8	2	11	9	14	21
9	2	12	11	13	22
10	6	9	9	11	22
11	7	9	9	15	19
12	7	11	8	14	24
13	8	10	9	9	24
14	8	11	8	9	22
15	10	12	7	11	22
16	25	10	10	41	26
17	15	11	14	16	22
18	13	8	13	15	15
19	15	7	25	13	15
20	15	15	27	12	25
21	20	9	27	14	16
22	17	6	39	15	14
23	10	11	35	16	14
24	12	11	11	15	14
25	19	9	10	14	15
26	7	11	10	13	16
27	3	10	11	12	13
28	8	15	10	14	14
29	2	14	19	16	14
30	3	18	23	15	17
31	4	....	36	15	....
Mean	8	10	14	20	18
Max.	25	18	39	58	25
Min.	2	3	6	9	13
A.F.	500	580	880	1230	1080

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER NEAR EWING
Sec. 35-27-9 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	44	45	54	65	89	46	201	1450	314	78	94	42
2	44	55	56	64	90	50	247	1880	314	74	80	49
3	46	58	60	64	89	56	341	2370	310	73	74	56
4	48	54	61	64	90	65	343	2620	299	74	72	54
5	43	52	61	65	97	68	338	2690	283	72	75	43
6	41	51	61	67	99	78	341	2460	262	70	72	41
7	41	53	62	70	106	86	336	2000	302	68	68	41
8	40	49	65	71	110	94	330	1560	913	67	65	41
9	40	54	68	69	122	107	332	1200	678	65	61	40
10	41	57	72	69	135	160	341	1090	476	65	60	41
11	43	57	76	72	134	387	345	1120	370	66	65	38
12	43	56	69	74	142	481	349	1000	316	67	62	37
13	43	57	62	77	110	519	356	815	275	66	62	37
14	42	58	64	80	104	808	390	713	240	62	59	37
15	41	60	68	73	113	1140	435	654	214	62	61	36
16	41	58	59	75	116	1090	486	572	195	59	61	35
17	42	62	65	66	133	1040	500	514	179	59	62	34
18	46	65	69	57	102	937	481	502	160	59	61	34
19	52	65	64	56	85	781	457	478	146	57	58	34
20	54	67	61	58	62	626	411	462	138	58	54	33
21	49	60	54	63	49	524	363	505	130	56	51	33
22	45	57	50	67	43	452	325	534	122	54	49	34
23	42	56	58	70	40	402	299	507	113	54	47	34
24	40	54	58	73	37	358	279	438	116	52	46	35
25	38	53	55	73	38	325	270	402	107	51	46	35
26	36	52	58	73	40	299	264	347	103	50	45	35
27	38	52	62	76	41	272	260	312	96	51	43	35
28	38	51	62	78	45	254	252	323	92	54	42	35
29	39	51	62	80	....	238	496	387	88	81	41	33
30	39	52	63	84	....	222	1140	387	83	90	39	33
31	40	....	64	88	....	210	.....	332	....	104	40	....
Mean	42	56	62	70	88	393	377	988	248	65	58	38
Max.	54	67	76	88	142	1140	1140	2690	913	104	94	56
Min.	36	45	50	56	37	46	201	312	83	50	39	33
A.F.	2620	3310	3810	4330	4880	24150	22430	60740	14750	4000	3600	2270

Total acre-feet 150890 A.F.

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER, SOUTH FORK, NEAR EWING—Sec. 2-26-9 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	30	35	36	38	44	38	78	907	78	36	50	27
2	28	36	37	37	52	38	103	840	78	33	44	28
3	27	38	39	35	53	40	143	746	78	35	44	27
4	28	36	41	45	59	37	181	740	76	36	42	30
5	30	33	41	41	61	37	158	616	64	35	36	42
6	31	25	41	33	64	40	113	399	60	36	36	38
7	30	17	41	42	64	47	106	247	133	33	36	36
8	28	15	42	41	39	65	92	189	146	33	35	33
9	24	20	43	40	14	81	85	185	135	27	33	33
10	24	27	44	39	15	120	103	193	154	33	33	32
11	25	25	46	40	49	185	121	277	113	38	42	31
12	27	24	43	41	61	295	143	290	82	39	28	30
13	27	27	40	42	62	514	103	209	95	40	28	30
14	27	28	37	42	33	326	88	185	88	46	30	29
15	28	30	39	11	16	268	121	185	78	42	36	28
16	31	33	42	47	33	277	135	143	73	40	35	25
17	33	42	43	44	38	209	154	143	68	40	31	27
18	35	40	42	44	24	154	113	143	64	38	31	28
19	35	31	39	42	21	110	95	135	60	40	30	28
20	35	42	37	43	26	95	67	113	57	40	28	28
21	33	42	35	39	27	88	64	121	55	38	26	30
22	28	36	30	38	34	82	60	128	46	38	24	28
23	33	33	37	41	39	76	50	117	44	33	27	23
24	35	30	36	40	40	76	48	99	57	32	27	24
25	33	30	35	42	42	78	57	88	52	32	27	25
26	33	30	32	42	45	70	46	76	52	35	27	25
27	33	30	35	40	43	70	55	78	48	39	26	28
28	35	31	35	39	41	60	62	84	48	40	26	30
29	36	32	35	38	....	57	153	86	46	67	25	30
30	36	34	36	40	....	62	552	84	42	60	25	30
31	35	....	36	44	....	70	....	78	....	52	26	....
Mean	31	31	38	40	41	121	115	256	76	39	32	29
Max.	36	42	46	47	64	514	552	907	154	67	50	42
Min.	24	15	30	11	14	37	46	76	42	27	24	23
A.F.	1890	1850	2370	2440	2260	7470	6840	15720	4500	2390	1970	1750

Total acre-feet 51450

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER NEAR NELIGH
Sec. 20-25-6 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	115	164	154	205	232	200	438	2300	648	186	170	94
2	115	153	161	197	220	190	500	3000	624	180	165	96
3	116	155	166	193	225	177	660	3880	672	173	158	162
4	116	162	183	191	232	172	704	4770	644	177	154	160
5	119	158	191	195	269	171	672	4770	612	173	150	131
6	122	156	191	185	316	170	620	4350	572	173	145	125
7	128	156	191	182	312	180	600	3580	680	173	140	122
8	136	162	189	195	296	239	564	2480	1630	165	135	120
9	137	160	178	204	292	318	568	1910	1680	165	130	119
10	137	162	181	204	334	600	564	1920	1390	162	130	118
11	139	169	188	212	321	870	588	1960	1000	230	171	112
12	146	169	187	217	281	1060	620	1830	810	211	178	105
13	142	169	164	224	286	1190	608	1440	688	175	155	106
14	141	173	128	228	240	1320	596	1130	576	162	141	106
15	141	171	173	210	157	1660	672	985	500	153	141	102
16	144	169	222	190	233	1940	768	890	435	142	155	99
17	142	178	196	175	262	1750	830	825	386	137	148	98
18	151	203	179	160	262	1650	784	805	344	139	141	94
19	153	192	157	155	161	1340	736	792	304	137	136	94
20	153	182	147	165	192	1100	660	760	288	136	131	91
21	151	190	183	170	147	905	624	810	261	134	125	93
22	156	184	162	180	177	764	592	975	247	132	120	95
23	156	184	155	190	194	676	546	950	238	131	116	94
24	162	182	167	195	225	620	528	845	252	130	112	94
25	158	173	186	195	217	560	508	764	266	126	110	96
26	160	170	174	200	202	546	483	740	240	128	106	100
27	156	166	189	205	203	514	476	672	224	135	101	98
28	149	166	209	215	207	500	476	696	216	145	98	99
29	155	155	208	216	....	486	668	760	207	155	95	100
30	160	152	210	220	.....	480	1540	825	198	170	99	95
31	164	....	206	230	....	455	....	724	....	180	99	....
Mean	143	170	180	197	239	736	640	1714	561	159	134	107
Max.	164	203	222	230	334	1940	1540	4770	1680	230	178	162
Min.	115	152	128	155	147	170	438	672	198	126	95	91
A.F.	8770	10090	11060	12110	13280	45230	38070	105400	33390	9750	8240	6380

Total acre-feet 301770

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER NEAR NORFOLK
Sec. 3-23-1 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	215	259	185	280	397	444	552	2460	710	312	218	162
2	218	259	235	270	406	376	592	2770	671	287	227	149
3	218	256	255	280	406	379	740	3100	716	280	246	189
4	215	256	266	290	436	378	775	3680	949	276	253	181
5	212	263	290	310	478	413	763	3890	740	273	227	175
6	218	259	300	280	592	533	649	3850	671	270	224	181
7	224	259	320	340	588	666	644	3400	2340	266	224	181
8	224	256	350	380	605	924	705	2770	4470	273	218	178
9	221	263	380	360	624	966	666	2250	2230	270	221	183
10	212	266	500	380	682	800	682	6090	1440	273	230	175
11	230	263	430	410	642	876	746	5050	1040	273	240	172
12	246	263	400	370	583	844	787	2800	997	350	331	170
13	246	263	350	327	542	896	775	1770	1020	385	290	167
14	246	259	300	320	560	1150	734	1120	876	377	240	162
15	253	263	280	320	566	1250	746	997	728	323	227	162
16	250	256	266	310	549	1310	787	990	671	287	236	165
17	246	263	260	300	494	1340	856	1090	639	273	233	162
18	253	263	280	280	486	1050	863	1050	538	266	233	162
19	250	287	300	260	500	936	863	1010	472	259	233	162
20	263	294	250	280	500	856	812	856	450	259	227	162
21	263	287	250	290	492	716	794	856	428	253	215	157
22	266	290	230	300	487	587	740	863	419	236	206	159
23	256	294	220	310	338	577	740	962	693	224	200	154
24	270	301	240	310	338	477	740	942	688	195	195	154
25	273	300	260	320	323	381	710	844	450	200	186	157
26	270	185	260	320	380	320	677	800	361	200	175	157
27	270	95	270	330	433	294	655	751	342	197	170	152
28	263	75	260	334	494	316	806	699	331	203	167	154
29	259	95	250	338	.....	411	1070	705	327	200	170	152
30	270	145	254	366	.....	519	1650	694	320	209	167	152
31	263	.....	260	388	.....	562	.....	705	.....	212	167	.....
Mean	245	245	289	321	497	695	777	1929	891	263	219	165
Max.	273	301	500	410	682	1340	1650	6090	4470	385	331	189
Min.	212	75	185	260	323	294	552	694	320	195	167	149
A.F.	15040	14550	17750	19740	27610	42740	46250	118600	53010	16190	13480	9810

Total acre-feet 394770

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER NEAR WATERLOO
Sec. 21-16-10 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	511	628	415	654	752	1990	1650	4440	1510	842	502	337
2	506	623	530	618	796	2060	1830	4680	1460	793	534	327
3	506	628	594	645	826	1890	2170	4960	1250	758	607	376
4	497	623	672	655	860	1540	2410	5470	1260	742	553	410
5	493	649	678	701	926	1580	2260	5610	1590	720	567	433
6	497	628	708	636	988	1640	2140	5490	1650	714	687	442
7	489	617	744	785	1060	1620	1990	5160	1250	698	1390	421
8	534	612	786	828	1160	1610	1800	4810	7340	692	1440	417
9	557	617	864	780	1240	1930	1800	4200	11900	692	861	406
10	582	597	1170	843	1340	3590	1960	3720	7810	682	638	398
11	582	612	928	891	1320	4160	1870	6720	5000	665	587	406
12	633	623	921	836	1270	3720	1670	8780	3590	748	572	386
13	633	617	835	764	1240	4030	1560	6130	2620	1240	587	386
14	623	633	665	758	1070	4010	1550	4720	2100	1740	704	379
15	638	644	612	852	974	3720	1600	3140	2100	1220	682	376
16	633	638	607	595	905	3330	1640	2600	1620	900	557	361
17	617	704	582	589	900	3330	1970	2370	1470	758	524	365
18	617	698	641	544	880	3380	2130	2420	1310	698	502	361
19	617	698	714	507	900	3000	2070	2260	1220	654	497	351
20	607	682	582	548	1000	2640	1880	2160	1150	638	506	344
21	607	676	572	570	910	2320	1740	2230	1140	649	484	330
22	612	692	531	588	920	2130	1610	2470	1060	623	467	323
23	617	692	488	623	1350	1960	1430	2450	992	644	458	330
24	607	692	548	623	880	1880	1390	2850	1130	628	446	340
25	597	690	590	641	907	1700	1570	2420	1700	572	413	340
26	602	440	598	644	1070	1660	1880	2080	2540	543	410	347
27	592	215	608	632	1340	1590	2000	1950	1710	572	394	344
28	572	171	588	638	1720	1440	1700	1760	1330	682	376	344
29	592	234	574	672	.....	1340	1590	1610	1030	557	368	340
30	592	329	594	689	.....	1280	3010	1530	907	543	354	344
31	612	.....	609	722	.....	1340	.....	1560	.....	511	340	.....
Mean	580	587	663	680	1054	2368	1862	3637	2425	746	581	369
Max.	638	704	1170	891	1720	4160	3010	8780	11900	1740	1440	442
Min.	489	171	415	507	752	1280	1390	1530	907	511	340	323
A.F.	35650	34910	40760	41790	58520	145600	110800	223600	144300	45850	35720	21950

Total acre-feet 939450

DISCHARGE IN SECOND-FEET OF ELM CREEK NEAR AMBOY
Sec. 3-1-10 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	15	17	16	17	17	17	16	18	14	12	12
2	15	16	17	16	18	17	17	16	18	14	12	12
3	15	14	18	16	17	17	17	16	18	14	13	42
4	15	14	17	17	17	17	17	17	18	13	13	17
5	15	15	18	17	17	18	16	17	20	13	15	16
6	15	15	18	17	17	17	17	17	19	13	14	15
7	15	15	18	17	16	17	17	16	162	14	14	15
8	15	15	17	17	16	17	18	16	402	14	14	14
9	15	16	17	17	17	16	17	16	28	14	14	14
10	15	15	17	18	16	16	17	16	21	14	13	14
11	15	15	16	18	16	16	17	16	19	14	14	14
12	15	15	16	18	16	16	17	16	18	14	14	14
13	15	15	15	18	16	16	17	16	18	14	14	14
14	15	15	15	18	16	17	17	17	16	14	13	14
15	15	15	15	17	16	16	17	18	15	13	13	14
16	15	16	16	18	16	16	17	18	15	13	13	14
17	16	19	15	18	16	17	17	20	15	13	13	14
18	15	16	15	18	16	17	17	19	15	13	13	14
19	16	16	15	18	17	17	17	19	15	13	13	14
20	15	16	15	18	17	17	17	19	15	14	13	14
21	16	16	15	18	15	17	18	19	14	14	13	14
22	16	16	15	18	16	18	18	19	14	14	13	14
23	15	16	15	18	16	17	17	19	14	14	12	14
24	15	17	15	18	17	17	17	19	14	14	12	14
25	15	17	15	18	17	17	16	19	14	14	12	14
26	17	16	15	19	17	17	16	18	14	14	12	13
27	15	16	15	18	17	17	16	26	14	13	12	13
28	15	16	16	18	17	17	16	69	14	14	12	13
29	15	17	16	18	....	17	18	22	14	14	12	13
30	15	17	16	18	....	17	17	19	14	13	11	13
31	15	....	16	17		17		18		12	12	
Mean	15	16	16	18	16	17	17	20	34	14	13	15
Max.	17	19	18	19	18	18	18	69	402	14	15	42
Min.	15	14	15	16	15	16	16	16	14	12	11	12
A.F.	934	936	984	1080	916	1040	1010	1210	2030	837	793	885

Total acre-feet 12660

DISCHARGE IN SECOND-FEET OF ELM CREEK NEAR OVERTON
Sec. 17-10-19 W.—Water Year Ending September 30, 1953

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	1
3	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	1
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	94	0	0	0	0
11	0	0	0	0	0	0	0	6	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	2	0	0	0	0
16	0	0	0	0	0	0	0	5	0	0	0	0
17	0	0	0	0	0	0	0	1	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	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	0	0	0	0	0
28	0	0	0	0	0	0	0	10	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	
Mean	0	0	0	0	0	0	0	4	0	0	0	0
Max.	0	0	0	0	0	0	0	94	0	0	0	3
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	0	235	0	0	0	11

Total acre-feet 247

DISCHARGE IN SECOND-FEET OF ELM CREEK—Sec. 33-9-18 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	1	5	17	0	4
2	1	4	7	0	10
3	1	6	2	0	3
4	1	6	1	0	22
5	1	5	0	0	12
6	1	6	0	0	14
7	1	7	0	0	13
8	1	21	0	5	13
9	1	10	1	3	13
10	1	15	2	4	11
11	532	16	0	2	11
12	17	17	2	0	11
13	6	15	0	2	13
14	3	12	0	4	14
15	4	8	1	10	6
16	4	7	0	9	2
17	4	19	0	9	6
18	4	17	0	11	9
19	6	9	0	11	9
20	4	8	0	10	9
21	4	4	0	11	6
22	4	5	1	0	6
23	2	16	1	3	9
24	5	13	1	5	6
25	5	13	2	6	0
26	9	10	2	5	2
27	6	7	1	4	0
28	6	5	0	4	5
29	40	12	1	3	7
30	12	17	1	2	9
31	4	...	1	4	...
Mean	22	10	1	4	8
Max.	532	21	17	11	22
Min.	1	4	0	0	0
A.F.	1370	620	90	250	510

DISCHARGE IN SECOND-FEET OF FOX CREEK NEAR CURTIS
Sec. 27-8-28 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	7	7	8	8	9	8	9	7	5	4	5
2	6	7	7	8	8	9	8	9	9	5	5	5
3	6	7	8	8	8	9	8	9	8	5	5	5
4	6	7	8	8	8	8	8	9	8	5	5	5
5	6	8	8	8	8	9	8	8	7	5	5	5
6	6	8	8	8	8	9	8	8	7	5	5	5
7	6	8	8	8	8	8	8	8	8	5	6	5
8	6	8	8	8	8	8	9	8	7	7	5	5
9	6	8	8	8	8	8	9	8	7	6	5	5
10	6	8	8	8	8	8	8	8	7	6	6	5
11	6	8	8	8	8	8	8	9	7	6	19	5
12	7	8	8	8	9	8	8	8	6	6	5	5
13	7	8	8	8	8	9	8	8	6	6	5	5
14	7	8	8	8	9	9	8	8	6	5	5	5
15	7	8	8	8	9	8	8	8	6	5	5	5
16	7	8	8	8	9	8	8	8	6	6	5	5
17	7	8	8	8	9	8	8	8	6	5	5	5
18	7	8	8	9	9	8	8	8	6	5	5	5
19	7	8	8	9	8	8	8	8	6	6	6	5
20	7	8	8	9	6	9	8	8	6	6	6	5
21	7	8	8	9	10	9	8	8	6	6	6	5
22	7	8	8	9	10	9	8	8	6	6	5	5
23	7	8	8	9	10	9	8	8	6	6	6	5
24	7	8	7	9	9	9	9	8	6	5	6	5
25	7	8	7	9	9	9	8	8	5	5	6	5
26	7	7	8	9	9	9	8	8	5	5	5	5
27	7	7	8	9	9	9	9	8	5	5	5	5
28	7	7	8	9	9	8	9	8	5	5	5	5
29	7	7	8	9	..	8	10	9	5	4	5	5
30	7	7	8	8	..	8	10	8	5	5	5	5
31	8	..	8	8	..	8	...	8	..	5	5	..
Mean	7	8	8	8	9	9	8	8	6	5	6	5
Max.	8	8	8	9	10	9	10	9	9	7	19	5
Min.	6	7	7	8	6	8	8	8	5	4	4	5
A.F.	409	450	469	516	486	529	501	502	379	326	355	300

Total acre-feet 5220

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH INTO SUTHERLAND POWER RETURN
Sec. 16-13-30 W.—Water Year Ending September 30, 1953

Day	May	June	July	Aug.	Sept.
1	30	20	17	12	12
2	24	20	18	12	11
3	30	20	18	13	11
4	31	20	15	12	10
5	28	20	16	12	12
6	26	24	16	12	12
7	27	33	17	13	12
8	27	28	19	13	13
9	27	27	19	16	13
10	26	24	20	17	14
11	27	24	18	17	14
12	25	23	19	17	12
13	24	21	18	18	11
14	26	20	17	18	11
15	25	20	17	19	12
16	25	20	16	19	12
17	25	20	17	19	11
18	25	20	17	19	12
19	26	20	17	19	15
20	26	21	12	19	16
21	25	21	12	17	16
22	24	22	11	16	17
23	24	19	12	18	17
24	20	18	12	19	16
25	18	18	12	18	16
26	18	18	12	17	17
27	20	19	13	16	17
28	20	16	12	16	18
29	20	17	12	15	17
30	20	17	12	14	17
31	20	....	12	13	....
Mean	24	21	15	16	14
Max.	31	33	20	19	18
Min.	18	16	11	12	10
A.F.	1510	1250	940	980	820

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER BELOW CHAMPION
Sec. 22-6-39 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25	29	55	52	54	63	32	54	36	41	32	43
2	27	28	53	54	55	77	28	49	34	43	28	40
3	29	30	54	51	40	66	25	44	37	44	38	42
4	39	30	55	53	40	63	22	48	34	43	44	47
5	26	29	54	54	41	46	21	46	35	44	43	41
6	29	30	54	54	34	46	30	47	40	44	45	44
7	28	29	54	53	28	45	23	43	34	46	46	47
8	29	34	53	53	29	38	31	46	35	39	39	34
9	36	25	53	54	38	39	30	41	31	46	42	37
10	26	31	49	55	28	41	31	39	34	47	44	28
11	33	32	52	54	30	36	43	43	33	44	42	34
12	22	35	52	56	34	32	47	41	30	47	43	31
13	31	41	51	57	34	33	49	42	30	44	47	28
14	28	40	52	58	32	35	45	42	29	42	35	34
15	34	42	53	45	32	34	48	45	40	42	56	28
16	24	42	51	58	28	34	54	45	27	41	50	35
17	47	45	52	59	32	35	50	48	24	42	44	28
18	47	46	52	57	28	38	56	47	24	44	33	37
19	47	41	52	56	24	42	50	38	32	42	42	34
20	48	44	53	52	12	39	54	39	28	46	25	32
21	46	42	53	53	40	42	53	42	23	47	27	38
22	46	45	54	50	90	40	51	35	33	28	34	44
23	48	51	54	52	85	40	53	45	38	39	50	35
24	47	56	54	56	67	40	51	46	25	37	52	26
25	48	62	52	53	64	41	49	46	32	43	43	22
26	44	60	54	58	67	38	49	42	34	24	40	25
27	31	58	52	54	63	39	50	27	44	28	44	25
28	33	57	50	56	61	40	50	36	30	30	43	26
29	27	52	53	55	....	40	61	35	39	31	47	26
30	30	53	52	56	....	40	60	33	42	34	40	26
31	28	....	53	58	....	39	....	32	....	26	46	....
Mean	35	41	53	54	43	43	43	42	33	40	41	34
Max.	48	62	55	59	90	77	61	54	44	47	56	47
Min.	22	25	49	45	12	32	21	27	23	24	25	22
A.F.	2150	2460	3240	3340	2400	2620	2570	2590	1960	2460	2550	2020

Total acre-feet 30360

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR IMPERIAL
Sec. 3-5-38 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	65	65	85	75	100	92	66	98	54	55	48	72
2	63	55	85	66	81	93	65	85	57	64	57	71
3	60	64	82	71	73	102	53	88	80	73	59	63
4	50	56	90	79	81	97	53	75	66	63	71	63
5	39	65	94	72	71	100	53	70	66	72	67	52
6	64	63	94	72	61	87	47	71	53	60	54	77
7	73	64	96	79	49	75	53	85	84	74	73	76
8	56	64	103	88	74	79	73	73	59	55	70	79
9	50	57	88	91	64	74	51	71	61	75	72	76
10	67	54	72	85	50	70	74	72	61	64	63	69
11	68	55	81	82	70	58	73	62	66	74	52	45
12	58	55	88	84	56	63	75	73	76	72	62	69
13	67	66	86	92	57	61	68	80	58	80	76	48
14	54	72	92	96	55	73	80	65	46	67	55	63
15	57	60	92	70	57	73	79	84	58	75	68	54
16	63	74	81	80	56	61	73	80	47	54	96	65
17	60	76	85	103	76	49	82	80	61	56	130	67
18	63	87	93	100	60	70	74	72	61	72	86	56
19	78	81	92	91	54	74	79	84	55	58	58	55
20	88	75	79	84	26	56	91	87	55	65	69	62
21	82	74	92	88	44	73	73	64	57	81	57	68
22	76	74	81	88	66	79	77	50	49	66	59	68
23	78	59	85	92	93	71	87	70	109	86	65	67
24	87	85	91	87	114	60	85	81	82	57	86	62
25	78	93	100	94	113	68	93	82	73	64	84	75
26	78	65	92	87	108	62	79	75	56	79	75	53
27	72	104	70	84	106	73	71	73	54	51	80	26
28	69	99	87	91	98	70	66	61	78	46	67	49
29	61	88	86	87	....	72	84	60	63	54	57	68
30	67	86	80	76	....	73	101	63	59	42	75	60
31	58	....	94	93	....	50	....	65	....	67	85	....
Mean	66	71	88	85	72	73	73	74	64	65	70	63
Max.	88	104	103	103	114	102	101	98	109	86	130	79
Min.	39	54	70	66	26	49	47	50	46	42	48	26
A.F.	4060	4230	5390	5210	3990	4480	4320	4560	3780	4010	4320	3720

Total acre-feet 52070

ENDERS RESERVOIR STORAGE IN ACRE-FEET from Frenchman River
Sec. 9-5-37 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	27795	28440	29610	31340	32100	33490	34210	34565	34710	33135	30530	28690
2	27730	28440	29740	31340	32170	33560	34210	34710	34710	32930	30327	28630
3	27670	28440	29870	31340	32300	33635	34210	34710	34710	32790	30195	28440
4	27605	28440	30065	31340	32370	32710	34210	34785	34710	32720	30065	28310
5	27540	28440	30065	31275	32440	33780	34210	34785	34710	32580	30065	28180
6	27480	28505	30130	31275	32440	33990	34210	34860	34710	32510	30000	28115
7	27420	28505	30130	31275	32440	34065	34210	34860	34565	32370	29870	28050
8	27420	28505	30195	31275	32440	34140	34065	34785	34565	32170	29740	28050
9	27480	28505	30328	31275	32510	34140	34140	34785	34565	32030	29610	28050
10	27480	28505	30328	31275	32510	34210	34140	34785	34565	31890	29540	27920
11	27480	28570	30600	31275	32510	34280	34140	34860	34565	31750	29405	27795
12	27480	28630	30600	31275	32580	34350	34210	34860	34565	31890	29340	27670
13	27480	28690	30735	31340	32580	34420	34210	34860	34565	31820	29210	27605
14	27540	28755	30870	31340	32650	34420	34280	34565	34565	31820	29275	27605
15	27600	28755	30940	31340	32650	34420	34280	34710	34565	31750	29210	27540
16	27600	28755	31005	31340	32720	34420	34210	34710	34565	31680	29210	27420
17	27670	28820	31005	31340	32720	34492	34280	34710	34565	31480	29210	27420
18	27670	28820	31070	31340	32720	34492	34280	34785	34565	31410	29240	27420
19	27670	28885	31140	31410	32790	34492	34280	34785	34565	31340	29145	27290
20	27670	28885	31210	31410	32790	34350	34280	34860	34210	31270	29340	27170
21	27732	28950	31210	31410	32790	34350	34350	34860	33920	31340	29210	27170
22	27732	29080	31210	31480	32790	34350	34420	34860	33990	31210	29145	27040
23	27795	29080	31275	31480	32790	34350	34350	34785	33850	31270	29080	27105
24	27920	29145	31275	31545	32790	34280	34350	34710	33850	31270	29080	27040
25	28050	29210	31275	31610	32860	34280	34350	34710	33780	31140	29080	27040
26	28115	29340	31275	31680	32860	34210	34493	34710	33710	31070	29145	26920
27	28245	29470	31275	31750	32860	34210	34493	34710	33560	31005	29015	26790
28	28310	29540	31275	31820	33350	34210	34493	34710	33350	30940	28950	26730
29	28440	29540	31275	31890	.....	34210	34493	34710	33350	30735	28820	26670
30	28440	29610	31275	31960	.....	34210	34493	34710	33280	30670	29820	26605
31	28440	.....	31275	32030	.....	34210	.....	34710	.....	30670	28690	.....

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR ENDERS
Sec. 10-5-37 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	74	40	43	77	42	43	61	64	69	110	92	94
2	72	41	43	76	42	43	61	64	68	113	92	106
3	72	41	43	76	42	43	59	64	66	101	91	109
4	72	41	43	76	42	43	60	65	65	94	91	105
5	72	42	43	76	42	43	60	64	65	98	94	89
6	55	42	43	76	42	43	60	64	65	101	94	87
7	39	42	43	75	42	43	61	65	65	118	94	86
8	39	42	43	75	42	43	60	65	65	130	102	90
9	39	42	43	75	43	43	60	65	65	123	102	99
10	39	43	42	74	43	43	60	65	65	111	100	116
11	39	42	42	75	43	43	60	65	65	98	105	100
12	39	42	42	75	43	43	60	65	65	81	93	92
13	39	42	42	75	43	43	60	65	65	79	84	79
14	39	42	42	75	43	44	61	65	68	87	77	76
15	39	42	42	75	43	43	61	66	68	122	80	69
16	38	42	42	75	42	54	61	67	69	86	83	70
17	38	42	42	75	42	64	62	66	76	84	89	74
18	38	42	42	76	42	64	62	66	78	79	107	78
19	38	42	42	76	42	64	62	66	80	82	117	78
20	38	42	65	75	43	64	64	66	82	83	143	77
21	38	42	76	75	42	64	64	66	84	79	98	78
22	39	42	76	75	42	64	64	65	84	81	107	78
23	38	42	76	57	42	64	64	65	81	83	107	77
24	39	42	76	45	42	61	66	65	81	87	96	80
25	39	43	77	43	42	61	67	70	88	89	88	81
26	39	43	78	43	43	61	67	68	106	87	92	81
27	39	44	77	43	43	61	67	67	104	86	102	81
28	39	44	77	43	43	60	95	68	93	86	103	81
29	39	44	77	43	....	60	66	68	96	86	98	74
30	39	44	77	42	....	61	65	67	97	78	93	67
31	39	....	77	42	....	61	....	66	....	86	94	....
Mean	45	42	55	66	42	53	63	66	76	94	97	85
Max.	74	44	78	77	43	64	95	70	106	130	143	116
Min.	38	40	42	42	42	43	59	64	65	78	77	67
A.F.	2750	2510	3400	4080	2350	3240	3770	4040	4540	5770	5970	5060

Total acre-feet 47480

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR HAMLET
Sec. 29-5-34 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	92	68	75	95	74	77	91	94	85	107	98	103
2	92	68	75	100	74	74	89	91	98	112	106	103
3	91	68	75	100	74	72	88	90	89	118	106	114
4	91	68	70	100	74	71	88	89	87	110	103	119
5	91	68	70	100	75	72	88	90	87	104	104	120
6	92	68	70	102	74	72	88	88	87	108	110	106
7	84	68	70	101	73	72	94	88	87	109	110	101
8	70	68	73	101	74	72	97	88	86	122	107	98
9	68	68	74	101	74	72	94	88	84	133	113	101
10	68	67	72	101	72	72	94	87	87	129	113	110
11	68	68	72	102	74	72	94	87	87	125	109	126
12	69	67	72	102	72	72	92	86	86	118	112	120
13	68	68	71	102	72	71	91	86	84	98	104	114
14	69	67	70	102	72	71	91	86	84	94	97	100
15	69	67	70	95	72	70	91	86	86	102	92	94
16	68	68	70	90	70	70	90	91	84	128	99	87
17	68	70	70	95	72	76	91	91	84	110	98	86
18	67	70	69	100	73	88	88	90	87	109	104	90
19	67	68	69	110	72	88	88	90	91	103	131	95
20	65	69	70	105	55	90	88	90	93	101	139	95
21	65	69	82	105	55	91	89	90	94	100	151	94
22	65	69	94	104	60	91	88	89	100	124	112	94
23	65	69	96	103	70	90	88	89	98	143	121	91
24	66	68	94	92	75	90	87	89	94	103	122	89
25	66	70	90	80	75	89	86	88	92	103	111	91
26	66	65	85	77	75	89	83	89	96	105	100	93
27	67	60	85	77	76	89	83	88	110	103	102	93
28	67	64	85	74	77	89	84	90	113	101	112	94
29	68	67	85	74	....	89	119	91	105	98	114	93
30	68	71	85	74	....	89	104	87	105	101	110	88
31	68	....	90	74	....	92	....	86	....	93	104	....
Mean	72	68	77	95	72	80	91	89	92	110	110	100
Max.	92	71	96	110	77	92	119	94	113	143	151	126
Min.	65	60	69	74	55	70	83	86	84	93	92	86
A.F.	4460	4030	4760	5830	3980	4920	5410	5460	5450	6770	6770	5950

Total acre-feet 63790

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR PALISADE
Sec. 36-5-34 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	82	68	77	100	78	82	91	90	71	100	93	93
2	81	68	78	105	77	79	89	86	80	102	102	93
3	81	67	77	110	76	76	88	84	79	112	103	101
4	79	69	75	105	76	74	88	83	75	106	101	108
5	80	69	70	107	76	75	88	83	75	102	102	107
6	81	69	70	106	74	75	88	83	77	104	105	97
7	79	69	70	106	73	74	95	84	82	105	108	89
8	65	70	70	105	72	74	98	84	81	115	104	87
9	60	70	70	106	72	74	97	85	80	131	108	91
10	58	69	70	107	72	74	96	87	80	128	107	98
11	58	71	75	108	72	74	96	82	70	128	99	115
12	58	71	76	108	72	74	95	77	64	122	108	112
13	57	71	74	108	71	73	93	78	67	107	102	110
14	57	71	72	108	70	73	93	79	79	102	96	96
15	58	70	71	105	70	72	91	79	81	102	92	93
16	57	70	71	100	70	72	89	82	81	120	97	86
17	57	70	70	105	70	74	89	90	71	106	96	85
18	57	69	70	110	72	84	88	81	70	104	99	87
19	57	68	70	110	71	87	86	76	84	100	112	91
20	57	69	70	112	60	88	86	75	86	100	144	93
21	56	69	75	114	60	90	86	74	88	102	140	92
22	53	69	90	111	70	90	89	73	94	108	101	91
23	52	70	93	109	79	90	88	73	91	164	106	89
24	53	69	89	104	80	90	88	73	89	100	107	88
25	52	72	89	91	80	88	87	73	86	96	101	89
26	52	65	85	86	80	89	86	72	89	96	88	93
27	52	60	85	85	82	89	85	79	99	100	86	93
28	56	65	85	82	83	89	85	85	105	98	96	94
29	66	70	86	82	....	89	111	87	98	97	100	92
30	67	75	88	80	....	90	104	83	96	98	96	90
31	68	....	95	79	....	91	....	82	....	93	92	....
Mean	63	69	78	102	74	81	91	81	82	108	103	95
Max.	82	75	95	114	83	91	111	90	105	164	144	115
Min.	52	60	70	79	60	72	85	72	64	93	86	85
A.F.	3860	4110	4770	6260	4080	4980	5420	4960	4900	6640	6330	5640

Total acre-feet 61950

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR CULBERTSON
Sec. 17-3-31 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	34	111	120	140	151	163	144	105	66	23	30	27
2	32	110	140	150	151	175	142	94	71	26	26	25
3	67	106	155	160	155	165	142	76	82	23	26	27
4	88	110	160	165	159	151	147	71	73	30	25	29
5	97	113	160	170	159	153	151	91	67	30	30	32
6	100	113	155	170	153	161	146	72	66	31	33	32
7	100	110	155	190	140	163	144	72	68	33	28	30
8	100	111	154	220	138	157	165	67	70	36	27	27
9	98	113	155	217	144	151	180	67	65	42	28	27
10	97	114	159	212	146	147	184	67	60	46	30	27
11	96	113	169	200	144	146	191	66	62	54	51	30
12	98	113	169	205	140	142	191	60	53	54	37	33
13	103	111	167	203	137	140	180	58	41	51	25	38
14	105	119	161	203	138	140	171	66	33	42	27	36
15	102	118	149	170	146	137	165	68	35	34	28	31
16	103	114	137	150	140	137	167	64	33	32	30	28
17	110	119	133	160	131	140	159	60	32	32	30	28
18	111	118	131	180	133	142	159	67	29	28	29	28
19	113	121	131	200	137	144	153	67	26	28	27	26
20	113	128	133	210	125	137	151	77	26	28	32	26
21	111	131	133	212	110	138	149	77	30	23	44	28
22	111	131	142	200	115	147	147	66	30	24	42	25
23	108	130	146	200	130	151	138	60	30	42	37	27
24	111	133	133	191	145	151	142	61	27	53	93	27
25	111	130	120	175	150	149	137	62	26	37	39	27
26	111	110	100	173	150	149	137	54	25	37	32	27
27	113	90	110	169	157	149	108	51	24	35	28	26
28	114	85	120	167	161	151	91	50	27	35	25	24
29	114	90	122	161	....	149	96	56	27	33	26	27
30	108	100	126	155	....	147	113	67	25	32	30	25
31	108	....	130	153	....	149	....	67	....	32	30	....
Mean	100	114	141	182	142	149	150	68	44	35	33	28
Max.	114	133	169	220	161	175	191	105	82	54	93	38
Min.	32	85	100	140	110	137	91	50	24	23	25	24
A.F.	6120	6770	8680	11170	7900	9170	8910	4180	2640	2150	2030	1690

Total acre-feet 71410

DISCHARGE IN SECOND-FEET OF GERING DRAIN NEAR GERING
Sec. 6-21-54 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	90	54	41	36	35	33	28	28	32	52	230	88
2	86	47	41	36	34	32	29	28	36	47	221	70
3	83	48	41	36	33	31	28	29	33	51	218	73
4	102	48	41	36	33	31	28	28	34	59	184	79
5	72	45	41	36	33	30	28	27	35	54	104	88
6	52	45	41	36	32	30	27	26	48	50	70	84
7	53	48	40	36	32	30	28	26	642	49	61	79
8	52	48	39	36	32	31	28	27	145	49	60	83
9	53	47	38	36	32	31	29	27	69	51	65	94
10	53	45	38	36	33	31	28	27	61	51	73	104
11	52	43	38	36	33	31	29	27	57	61	67	80
12	55	43	38	36	33	31	29	27	55	68	69	70
13	56	43	39	36	33	31	29	27	56	67	78	65
14	55	43	39	36	33	31	30	28	70	60	70	65
15	55	44	40	32	33	30	30	27	76	62	76	64
16	53	43	41	33	33	30	30	67	67	102	80	64
17	52	45	42	35	33	30	30	111	63	61	72	61
18	53	45	42	38	33	29	30	122	62	56	79	64
19	52	45	42	38	30	29	30	108	68	61	80	62
20	52	46	40	36	35	29	29	80	75	70	74	62
21	52	49	40	35	38	29	29	67	60	74	76	66
22	52	49	39	34	36	29	29	42	58	64	75	69
23	50	51	39	33	35	29	28	34	57	64	82	67
24	51	47	38	34	35	29	28	34	56	69	88	67
25	52	46	38	34	35	29	28	31	53	64	79	65
26	50	44	38	34	34	29	27	31	51	65	80	58
27	49	42	37	35	34	28	27	32	46	70	82	53
28	49	41	37	36	33	28	28	31	48	70	76	56
29	50	41	37	36	....	28	29	31	46	87	66	52
30	50	41	37	36	....	28	29	31	45	345	62	50
31	50	....	37	35	....	28	....	31	....	215	73	....
Mean	58	46	39	35	34	30	29	42	77	76	93	70
Max.	102	54	42	38	38	33	30	122	642	345	230	104
Min.	49	41	37	32	30	28	27	26	32	47	60	50
A.F.	3540	2710	2420	2180	1860	1830	1700	2560	4570	4700	5690	4170

Total acre-feet 37930

DISCHARGE IN SECOND-FEET OF HORSE CREEK NEAR LYMAN
Sec. 25-23-58 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	126	79	40	31	32	31	20	22	51	83	175	113
2	118	75	43	29	30	26	22	92	64	79	172	118
3	126	73	43	32	30	28	22	170	57	79	191	126
4	238	71	42	33	30	32	22	130	60	103	178	125
5	305	70	43	34	28	40	22	25	88	143	191	126
6	208	67	45	33	27	46	22	20	104	106	192	132
7	158	66	45	36	29	46	24	18	599	88	166	140
8	135	63	43	37	31	42	25	17	590	83	135	136
9	120	61	38	46	20	39	27	16	442	80	119	122
10	112	59	43	59	25	36	29	16	252	74	113	118
11	107	60	45	50	27	34	29	58	192	86	122	118
12	104	57	45	50	31	32	26	61	172	74	138	121
13	101	54	45	45	31	31	24	23	144	91	127	126
14	113	52	45	37	32	28	22	22	131	96	120	124
15	110	52	43	20	33	28	22	20	118	80	127	131
16	108	50	45	25	33	29	22	18	135	73	131	115
17	101	52	45	35	36	28	22	22	98	78	191	109
18	99	55	44	40	41	27	25	106	66	80	168	109
19	95	57	43	66	31	29	25	197	113	94	149	115
20	94	60	43	51	25	28	25	134	197	94	156	121
21	91	63	43	47	30	27	22	84	240	103	162	124
22	90	52	38	39	30	25	21	65	250	115	168	129
23	89	53	42	39	31	25	20	75	221	106	147	130
24	89	51	38	41	32	26	18	80	230	91	125	131
25	88	47	30	39	33	28	18	91	224	78	96	132
26	88	40	30	36	34	25	18	55	204	74	91	134
27	87	40	30	35	40	26	18	43	180	75	90	148
28	86	35	31	30	37	26	18	49	184	73	90	174
29	87	40	31	36	....	23	22	56	140	80	94	187
30	83	40	30	35	....	20	26	43	120	167	96	197
31	81	....	30	32	....	20	....	49	....	202	112	....
Mean	117	56	40	39	31	30	23	60	189	94	140	131
Max.	305	79	45	66	41	46	29	197	590	202	192	197
Min.	81	35	30	20	20	20	18	16	51	73	90	109
A.F.	7210	3360	2460	2380	1720	1850	1340	3720	11240	5810	8590	7800

Total acre-feet 57480

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORTHPORT—Sec. 19-20-50 W.

Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	5	18	21	29	11
2	5	13	7	30	13
3	5	14	6	30	13
4	5	23	5	26	12
5	5	17	6	30	23
6	4	24	5	19	18
7	4	18	8	22	27
8	4	6	16	13	25
9	4	6	17	11	25
10	4	12	24	21	23
11	3	18	20	18	17
12	9	21	21	23	14
13	27	14	21	10	14
14	10	16	21	12	18
15	14	16	18	21	14
16	7	9	17	21	23
17	15	11	21	19	15
18	24	8	13	22	17
19	20	14	34	31	17
20	16	11	29	32	15
21	15	4	17	28	21
22	11	4	13	18	22
23	17	4	15	11	19
24	17	4	15	14	21
25	26	18	17	16	23
26	22	19	12	17	21
27	26	32	30	16	21
28	27	23	13	12	19
29	13	27	20	13	16
30	11	24	26	12	17
31	12	...	9	13	...
Mean	12	15	17	20	18
Max.	27	32	34	32	27
Min.	4	4	5	10	11
A.F.	770	890	1020	1210	1100

DISCHARGE IN SECOND-FEET OF KEYAPAHA RIVER AT WEWELA, SOUTH DAKOTA—Sec. 24-95-76 W.

Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	24	41	26	45	65	70	185	800	87	75	86	24
2	27	41	27	46	70	70	189	1070	84	66	75	25
3	29	43	28	46	75	80	205	1060	80	62	68	25
4	30	42	29	47	85	75	229	906	75	60	62	26
5	30	40	32	48	100	80	238	633	75	58	70	26
6	31	41	34	49	160	80	246	424	89	57	78	25
7	30	39	36	50	165	70	250	381	128	56	80	24
8	32	39	38	50	140	70	291	317	275	54	60	23
9	35	38	42	55	115	70	330	273	221	51	48	23
10	28	37	42	60	115	75	324	269	175	49	43	23
11	30	36	42	65	85	90	248	265	152	49	56	23
12	30	40	42	70	75	280	218	260	132	47	53	23
13	31	43	41	75	85	750	189	260	110	45	45	23
14	35	43	40	60	85	1430	181	215	95	46	51	23
15	39	43	40	50	80	1820	179	169	90	42	48	22
16	39	43	40	35	80	974	179	165	83	42	53	21
17	43	43	40	30	75	742	181	166	78	42	51	20
18	44	44	40	28	75	878	181	167	78	42	45	19
19	37	44	40	28	75	750	181	169	78	40	40	19
20	41	44	40	30	70	612	181	161	160	39	35	22
21	42	44	39	30	65	532	175	152	137	39	32	26
22	41	40	39	30	60	400	175	145	134	40	30	26
23	41	36	39	30	60	390	173	143	126	78	29	27
24	41	30	40	37	60	442	193	141	119	70	28	28
25	41	26	40	38	60	295	201	141	104	66	27	28
26	42	25	42	41	60	256	265	134	87	61	26	27
27	42	24	42	46	60	225	271	125	95	56	26	27
28	43	24	44	47	65	225	280	132	94	58	26	26
29	44	24	46	55	...	215	400	112	92	81	26	27
30	44	25	46	60	...	201	700	104	80	94	27	25
31	42	...	48	60	...	193	...	97	...	91	28	...
Mean	36	37	39	46	84	401	241	308	114	57	47	24
Max.	44	44	48	75	165	1820	700	1070	275	94	86	28
Min.	24	24	26	28	60	70	173	97	75	39	26	19
A.F.	2240	2230	2390	2860	4690	24670	14360	18950	6770	3480	2880	1440

Total acre-feet 86960

DISCHARGE IN SECOND-FEET OF LINCOLN COUNTY DRAIN NO. 1 NEAR NORTH PLATTE
Sec. 30-14-30 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	31	62	90	99	116
2	31	68	84	93	109
3	31	67	84	105	112
4	37	69	81	107	116
5	37	68	81	104	114
6	37	77	84	109	116
7	37	94	88	104	117
8	37	78	97	105	110
9	36	77	98	104	103
10	36	69	100	108	116
11	37	69	99	105	120
12	36	69	99	108	118
13	38	69	98	109	127
14	36	74	96	109	117
15	36	72	92	118	112
16	44	66	90	124	109
17	44	67	90	120	107
18	44	69	90	112	107
19	43	71	90	113	105
20	42	71	96	117	98
21	50	72	94	113	104
22	51	78	97	112	103
23	48	77	94	113	98
24	52	71	97	117	102
25	51	70	99	104	103
26	44	70	98	109	109
27	50	78	99	112	108
28	53	80	97	108	110
29	58	80	97	100	104
30	59	85	99	108	104
31	61	....	99	116	.....
Mean	43	73	93	109	110
Max.	61	94	100	124	127
Min.	31	62	81	93	98
A.F.	2630	4340	5750	6710	6530

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK NEAR BUSHNELL
Sec. 33-15-57 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	9	6	8	11	8	11	10	9	6	133	9
2	7	9	6	7	11	9	11	10	9	5	18	8
3	7	9	6	8	11	9	11	10	9	6	13	9
4	7	9	6	8	11	10	11	10	9	5	13	9
5	7	9	6	8	11	13	11	10	8	5	12	10
6	7	9	7	8	11	17	10	10	8	5	12	9
7	7	9	7	8	11	16	11	10	9	5	12	9
8	7	9	7	9	11	17	11	10	9	6	72	9
9	7	9	7	9	11	18	11	10	9	6	27	9
10	7	8	6	10	11	15	11	10	8	6	15	9
11	7	9	7	10	11	15	14	10	8	6	28	9
12	7	10	7	10	11	14	14	10	7	6	11	9
13	7	9	7	11	11	14	13	10	7	6	10	9
14	7	9	6	10	11	14	14	10	7	5	10	9
15	7	10	6	6	11	13	13	10	7	5	25	9
16	7	9	6	6	11	14	13	10	5	11	14	8
17	7	8	6	7	11	14	12	10	5	142	11	8
18	7	6	6	8	13	12	11	10	5	41	11	8
19	7	7	7	9	5	13	12	10	6	22	11	8
20	7	9	7	9	4	13	11	10	8	20	10	8
21	8	9	7	9	3	12	11	10	7	15	10	8
22	8	8	7	8	3	12	11	10	6	11	10	8
23	8	6	7	8	3	12	10	9	6	10	11	8
24	8	6	7	7	3	12	10	9	6	10	10	8
25	8	6	7	6	4	12	10	9	6	9	10	8
26	8	6	7	5	4	12	10	9	5	9	10	8
27	8	6	6	5	5	12	10	9	5	8	10	8
28	8	6	7	6	7	11	10	9	5	36	9	8
29	8	6	7	9	..	11	10	10	5	113	9	9
30	9	6	7	10	..	10	10	9	7	143	9	9
31	9	....	8	10	..	11	....	9	..	20	9	..
Mean	7	8	7	8	9	13	11	10	7	23	18	9
Max.	9	10	8	11	13	18	14	10	9	143	133	10
Min.	7	6	6	5	3	8	10	9	5	5	9	8
A.F.	457	477	409	500	478	783	669	596	415	1390	1140	517

Total acre-feet 7830

OLIVER RESERVOIR STORAGE IN ACRE-FEET
From Lodgepole Creek—Sec. 36-15-57 W.
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	.....	.....	.....	.....	.....	.....	.....	3580	.....	.....	.....
2	.....	.....	1930	.....	2620	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3420	.....
4	.....	1650	.....	.....	.....	.....	.....	3540	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	3280	.....	.....	2580	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	3570	.....	.....	.....
9	.....	.....	1990	.....	.....	.....	.....	.....	.....	.....	.....	2180
10	1270	.....	.....	.....	.....	.....	.....	.....	.....	.....	3570	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	3580	.....	.....	.....	.....
13	.....	.....	.....	.....	2880	.....	3190	.....	.....	2260	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1970
15	1360	.....	.....	.....	.....	.....	.....	.....	3490	.....	.....	.....
16	.....	.....	.....	.....	2740	3100	.....	.....	.....	.....	.....	.....
17	.....	.....	2060	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	1820	.....	.....	.....	.....	.....	3610	.....	.....	3410	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	1440	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	2460	.....	1730
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	2110	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	1870	.....	.....	2750	.....	.....	.....	.....	.....	3080	.....
25	.....	.....	.....	.....	.....	3150	.....	3610	.....	.....	.....	.....
26	.....	.....	.....	1940	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	3480	.....	.....	2310	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1880
29	.....	.....	2160	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	2840	.....	.....	1990
31	1590	.....	.....	.....	.....	3230	.....	.....	.....	.....	2670	.....

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK BELOW OLIVER RESERVOIR AND NEW RUTTNER DIVERSION DAM
Sec. 31-15-56 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	3	3	6	3	3
2	3	5	6	6	3
3	4	4	4	4	3
4	4	4	5	4	3
5	4	4	5	4	3
6	4	4	5	4	3
7	4	4	5	4	3
8	4	5	3	4	3
9	4	5	4	4	2
10	4	5	4	4	2
11	4	5	1	9	2
12	4	5	1	4	2
13	4	5	2	4	2
14	4	5	2	4	2
15	4	4	2	4	2
16	4	4	2	4	2
17	4	4	2	3	2
18	4	4	2	3	1
19	4	4	2	4	1
20	4	6	2	4	1
21	4	4	2	4	1
22	5	4	2	4	1
23	5	5	4	4	1
24	3	4	2	4	1
25	3	5	1	4	1
26	3	5	2	4	1
27	3	5	2	4	1
28	3	5	2	3	1
29	3	5	2	3	1
30	3	5	15	3	1
31	3	..	2	3	..
Mean	4	4	3	5	2
Max.	5	5	5	6	3
Min.	3	3	1	3	1
A.F.	250	270	200	290	110

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK ABOVE BENNETT RESERVOIR
Sec. 29-15-55 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	9	1	1	15	2
2	9	1	1	101	2
3	7	1	1	16	2
4	7	1	1	12	3
5	8	1	1	24	2
6	9	1	1	11	3
7	9	8	1	9	3
8	9	10	2	7	4
9	10	1	10	8	1
10	11	1	10	7	1
11	12	1	10	15	1
12	12	1	9	16	2
13	12	1	8	16	1
14	10	1	5	9	1
15	10	1	3	8	1
16	10	1	3	6	1
17	9	1	7	110	1
18	8	1	6	10	1
19	2	1	6	10	1
20	3	10	6	9	1
21	1	1	5	9	1
22	5	2	5	6	1
23	5	2	6	6	1
24	4	1	5	6	1
25	4	1	3	7	1
26	1	1	3	6	1
27	1	1	2	6	1
28	1	5	2	5	1
29	1	1	45	5	1
30	1	1	63	4	1
31	1	..	19	5	..
Mean	6	2	8	16	1
Max.	12	10	63	110	4
Min.	1	1	1	4	1
A.F.	400	120	500	960	90

BENNETT RESERVOIR STORAGE IN ACRE-FEET, A-657, A-1974 on Lodgepole Creek—Sec. 22-15-55 W.
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	150	.....	910	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	960	.....	.....	.....	.....	.....	.....
4	.....	290	.....	.....	.....	.....	.....	1080	.....	.....	.....	.....
5	.....	.....	.....	770	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	600	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	150	.....	.....	1020	.....	.....	780	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	920	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	310	.....	830	.....	.....	.....	1010	.....	.....	.....	.....
13	.....	.....	.....	.....	870	.....	1150	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	560	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
16	.....	.....	600	.....	940	1060	.....	.....	660	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	950	.....	.....	910	.....
19	.....	90	.....	830	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	1050	.....	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	560	.....	170
22	.....	.....	.....	.....	.....	.....	.....	.....	660	.....	.....	.....
23	.....	.....	640	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	1070	.....	960	.....	.....	.....	.....
26	.....	.....	.....	880	.....	.....	.....	.....	.....	.....	790	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	220
29	.....	.....	640	.....	.....	.....	.....	.....	.....	710	.....	.....
30	.....	.....	.....	.....	.....	.....	1080	.....	630	.....	.....	230
31	260	.....	.....	.....	.....	1090	.....	.....	.....	.....	640	.....

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK NEAR RALTON
Sec. 12-12-45 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	5	4	8	16	7	7	20	9	3	8	17
2	1	5	4	8	16	7	6	20	8	3	16	20
3	1	5	4	8	16	6	6	19	6	3	46	22
4	1	5	4	8	16	6	6	23	3	3	70	20
5	1	5	6	8	16	10	6	20	3	3	57	18
6	1	5	6	8	16	20	6	20	3	3	45	16
7	3	5	7	8	16	21	7	18	9	3	40	14
8	4	5	8	8	16	25	8	17	10	4	38	12
9	4	5	9	10	14	24	10	17	10	4	31	10
10	4	5	9	11	14	23	14	17	10	4	24	8
11	4	5	10	11	14	21	14	16	9	5	23	8
12	4	5	11	12	17	21	18	16	8	5	17	9
13	4	5	11	13	16	20	20	15	6	4	12	10
14	5	5	8	11	14	17	19	14	6	4	8	11
15	5	5	9	6	13	16	18	16	6	3	8	12
16	5	5	10	6	12	16	17	18	6	3	8	14
17	4	6	6	6	13	14	18	17	6	3	11	11
18	4	5	6	9	17	14	18	15	6	3	54	7
19	4	5	6	10	12	14	18	16	6	3	55	8
20	4	5	6	12	7	14	18	14	5	2	72	8
21	4	6	6	13	8	14	18	11	5	2	50	13
22	4	9	5	16	9	14	17	10	6	2	30	12
23	4	8	5	16	10	14	17	9	5	2	20	12
24	4	6	4	19	6	14	18	9	4	2	19	11
25	4	4	5	19	5	13	16	8	3	2	18	11
26	5	4	6	17	7	8	16	8	3	2	17	10
27	5	3	6	16	8	6	16	10	3	2	16	10
28	5	3	6	16	8	6	16	10	3	2	16	10
29	5	3	7	16	..	6	19	10	3	3	15	10
30	5	3	7	15	..	7	20	10	3	3	14	9
31	5	..	8	14	..	8	..	9	..	6	14	..
Mean	4	5	7	12	13	14	14	15	6	3	28	12
Max.	5	9	11	19	17	25	20	23	10	6	72	22
Min.	1	3	4	6	5	6	6	8	3	2	8	7
A.F.	220	296	413	710	698	843	844	896	341	185	1730	721

Total acre-feet 7900

DISCHARGE IN SECOND-FEET OF LOGAN CREEK NEAR UEHLING
Sec. 16-20-8 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	82	90	65	82	93	550	323	358	139	132	94	72
2	79	84	81	84	98	400	295	392	134	126	98	77
3	81	83	85	86	94	380	351	355	136	124	101	83
4	81	83	86	87	101	350	372	363	147	120	113	92
5	79	83	94	86	102	300	267	346	169	125	101	87
6	79	90	97	87	109	320	228	273	137	124	223	81
7	82	83	101	87	116	330	208	238	150	119	780	77
8	86	82	104	80	124	350	202	216	6280	118	322	72
9	86	82	113	89	126	400	210	204	3140	113	136	72
10	86	81	114	92	134	700	224	234	837	111	115	72
11	86	81	112	92	138	965	210	887	452	112	118	70
12	83	81	104	94	136	788	193	458	387	118	124	67
13	83	82	93	94	129	566	178	284	330	119	180	66
14	86	81	79	87	133	461	172	242	276	208	116	68
15	86	81	68	85	139	439	181	228	250	142	101	66
16	84	77	74	73	130	346	269	220	226	113	101	65
17	84	87	94	58	117	293	319	208	218	108	102	65
18	86	86	87	64	107	284	244	220	204	108	98	66
19	86	79	85	68	130	252	204	226	187	104	95	65
20	84	76	82	71	132	220	189	200	176	108	94	65
21	84	78	76	73	104	212	180	194	172	105	92	64
22	86	79	83	78	91	202	172	280	165	109	91	65
23	86	81	87	79	91	204	160	670	162	105	90	65
24	86	79	89	80	127	187	172	321	167	98	90	67
25	86	79	90	80	148	171	208	248	284	97	88	73
26	84	60	90	81	180	169	248	214	212	95	87	70
27	84	40	89	77	230	167	214	180	164	94	84	70
28	83	30	89	80	450	158	187	172	155	91	81	68
29	83	35	90	86	.....	150	180	172	145	90	78	68
30	84	45	92	85	.....	165	240	160	139	92	76	64
31	87	.....	87	90	.....	263	.....	147	.....	94	74	.....
Mean	84	75	90	82	136	347	227	287	525	114	134	71
Max.	87	90	114	94	450	965	372	887	6280	208	780	92
Min.	79	30	65	58	91	150	160	147	134	90	74	64
A.F.	5160	4480	5510	5030	7560	21310	13490	17670	31220	6990	8220	4210

Total acre-feet 130836

DISCHARGE IN SECOND-FEET OF LONG PINE CREEK NEAR RIVERVIEW
Sec. 5-31-20 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	125	116	121	127	127	108	118	382	125	114	112	104
2	116	127	135	127	127	106	125	421	125	114	120	102
2	120	127	140	122	125	108	135	518	155	130	192	110
4	114	116	135	112	118	97	132	454	132	116	116	114
5	112	114	132	112	135	100	130	264	125	120	104	106
6	110	116	130	99	140	96	138	175	127	120	120	110
7	110	118	128	92	130	99	140	162	138	114	116	116
8	112	122	125	112	127	96	148	162	140	118	112	116
9	108	120	122	116	140	92	151	165	143	118	112	118
10	114	116	125	120	112	122	158	179	143	114	120	120
11	110	120	127	130	116	227	162	229	138	125	132	122
12	114	122	127	145	118	725	158	182	140	130	122	127
13	112	127	122	132	116	434	140	143	145	125	118	125
14	116	130	124	114	122	351	125	151	143	116	114	127
15	120	127	125	90	108	286	125	158	510	122	143	127
16	118	132	124	85	120	239	120	132	808	118	143	122
17	114	132	122	95	102	186	127	127	332	132	140	114
18	114	138	120	104	116	175	125	130	145	122	120	120
19	108	140	120	127	100	158	122	135	220	122	102	118
20	110	130	120	118	80	155	125	138	616	122	118	118
21	127	135	120	127	90	155	125	135	376	118	104	114
22	132	130	120	120	95	145	130	138	259	122	112	112
23	145	130	120	120	100	140	125	138	179	172	114	112
24	135	135	120	130	120	138	125	148	140	130	114	104
25	135	143	120	135	118	132	110	158	135	135	110	102
26	127	130	120	127	125	125	120	148	135	132	104	104
27	130	130	130	127	130	122	132	190	130	135	110	104
28	127	132	118	127	120	122	132	140	130	135	114	104
29	120	135	122	114	.....	120	168	127	120	195	104	102
30	122	128	125	143	.....	120	244	127	116	143	104	106
31	120	.....	120	125	.....	118	.....	122	.....	112	106	.....
Mean	119	127	124	119	117	174	137	193	209	127	118	113
Max.	145	143	140	145	140	725	244	518	808	195	192	127
Min.	108	114	118	85	80	92	110	122	116	112	104	102
A.F.	7330	7570	7650	7290	6500	10700	8160	11860	12440	7820	7280	6740

Total acre-feet 101340

DISCHARGE IN SECOND-FEET OF LOUP RIVER NEAR GENOA
Sec. 25-17-4 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	10	115	1900	1900	2000	207	1540	191	96	68	43
2	14	10	130	2050	1780	2200	230	1680	159	94	63	43
3	15	12	160	2000	1670	1400	252	2080	138	91	65	98
4	12	20	180	2200	1630	1340	230	1700	126	1080	71	85
5	10	24	210	2500	1880	1500	220	1450	120	449	67	68
6	9	25	280	2500	2200	2500	191	1220	103	79	109	55
7	14	20	450	2500	2190	2600	173	953	173	74	105	43
8	16	19	800	2500	1990	2600	230	769	5350	70	89	38
9	19	13	1000	2300	1660	2250	311	744	2350	68	77	35
10	22	12	800	2300	1800	1740	427	6520	934	70	70	36
11	24	10	900	2400	1350	1380	375	8400	290	70	81	38
12	20	13	1000	2400	836	1120	338	2540	201	73	96	35
13	20	15	1500	2400	483	972	295	1520	198	404	82	35
14	26	19	1300	2400	381	962	263	943	173	165	63	33
15	26	23	1100	2250	508	1450	237	714	138	101	50	33
16	21	19	800	1550	414	1430	274	416	109	85	40	36
17	16	29	510	1100	410	1240	259	352	103	79	36	40
18	15	37	640	800	500	924	182	320	100	71	39	43
19	13	41	780	700	797	706	134	324	100	61	42	41
20	12	40	800	640	727	526	116	365	107	52	43	37
21	10	52	840	634	380	333	103	259	116	64	45	34
22	10	70	900	726	215	278	91	176	126	79	47	39
23	10	46	1000	948	114	278	77	116	120	89	51	42
24	10	63	1150	1390	72	244	94	105	120	87	53	41
25	10	65	1100	1840	60	210	98	124	141	84	52	36
26	10	100	1150	2060	70	198	109	118	182	82	51	35
27	9	105	1150	2300	500	179	82	134	168	81	50	33
28	8	105	1150	2290	1800	179	56	2550	141	84	50	33
29	8	105	1150	2170	.....	176	329	1200	111	84	49	33
30	8	110	1250	2410	.....	179	227	578	98	81	46	32
31	9	.....	1450	2140	.....	207	.....	333	.....	73	44	.....
Mean	14	41	830	1881	1011	1074	207	1298	416	136	61	42
Max.	26	110	1500	2500	2200	2600	427	8400	5350	1080	109	98
Min.	8	10	115	634	60	176	56	105	98	52	36	32
A.F.	876	2440	51060	115600	56170	66050	12320	79820	24770	8370	3760	2520

Total acre-feet 423760

DISCHARGE IN SECOND-FEET OF LOUP RIVER NEAR COLUMBUS
Sec. 30-17-1 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	104	135	215	1620	1630	2750	314	2360	394	239	145	86
2	108	131	220	1810	1530	2900	412	2700	336	228	122	86
3	104	135	230	1720	1460	2000	456	2800	302	208	145	193
4	94	135	330	1860	1480	1500	382	2410	286	1070	150	164
5	94	140	330	1980	1540	1800	412	2180	270	1830	145	131
6	94	135	390	2130	1980	2800	456	2140	249	404	669	135
7	94	131	870	2240	2300	2900	425	1630	259	254	302	126
8	112	140	1290	2220	2340	3000	462	1080	5640	249	198	112
9	122	131	1530	2040	2090	2800	611	1130	6210	265	164	117
10	131	131	1180	2040	2040	1920	752	1880	3190	254	154	122
11	135	131	1310	2160	2130	1060	650	14400	1290	249	228	122
12	131	131	1480	2140	1660	798	551	5430	1130	254	198	112
13	126	131	2460	2150	1330	974	502	3320	798	1350	188	117
14	140	145	2160	2140	1140	1060	469	1830	780	770	183	108
15	145	145	1810	1980	1580	2390	406	929	658	280	164	99
16	145	145	1670	1340	2060	2340	449	603	544	223	150	108
17	135	164	761	925	1180	1550	482	443	462	203	135	117
18	145	164	1000	684	1160	1030	394	529	359	183	164	126
19	108	168	1340	572	2740	887	359	619	302	193	168	112
20	126	150	1350	560	2930	798	342	603	302	178	159	112
21	126	173	1370	554	1440	456	342	718	265	249	164	99
22	122	223	1550	661	908	418	359	502	259	188	168	108
23	117	183	1750	689	650	508	365	437	249	154	154	117
24	126	164	1650	798	502	462	388	406	400	183	131	117
25	122	160	1750	1040	406	495	462	324	475	183	126	112
26	122	200	1750	1230	475	425	537	336	675	168	126	108
27	131	205	1690	1310	573	342	475	324	394	198	122	104
28	122	205	1650	1400	2680	359	400	2800	280	208	122	104
29	122	210	1630	1420	.....	292	1080	1810	239	213	117	104
30	122	210	1610	1540	.....	319	2650	1230	228	203	104	99
31	122	.....	1580	1750	.....	359	.....	544	.....	159	94	.....
Mean	121	158	1287	1507	1569	1345	545	1885	908	355	173	116
Max.	145	223	2460	2240	2930	3000	2650	14400	6210	1830	669	193
Min.	94	131	215	554	406	292	314	324	228	154	94	86
A.F.	7430	9420	79150	92630	87140	82690	32420	115900	54000	21800	10630	6900

Total acre-feet 600110

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR SENECA
Sec. 17-24-31 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	204	204	180	160	221	191	207	230	174	161	199	181
2	207	210	190	160	227	186	218	242	181	164	202	188
3	207	194	185	155	239	178	215	221	171	166	181	176
4	207	188	185	160	230	174	248	230	176	176	186	166
5	202	213	182	170	248	171	233	210	174	184	199	171
6	196	218	170	175	221	188	224	204	168	184	191	181
7	194	218	185	175	221	184	224	196	186	184	191	176
8	196	213	195	166	221	202	233	178	174	188	204	184
9	194	210	190	161	227	196	224	174	178	181	194	194
10	194	210	186	168	184	233	213	171	181	184	188	207
11	191	230	176	175	186	233	199	164	184	191	178	191
12	191	215	168	170	204	239	188	166	176	176	171	191
13	191	227	168	165	184	278	186	171	171	166	174	194
14	191	213	175	155	194	297	207	164	171	159	178	188
15	174	215	180	150	202	297	199	159	174	161	194	194
16	176	218	175	145	191	274	202	171	188	161	194	194
17	199	221	185	160	178	248	210	174	194	159	174	196
18	186	218	180	170	178	224	210	178	191	154	178	194
19	184	218	170	180	188	224	213	188	196	154	196	196
20	188	218	165	190	175	224	191	184	194	157	196	199
21	181	213	165	221	165	221	210	191	166	164	202	191
22	188	210	165	215	170	218	207	176	175	184	199	196
23	178	210	160	194	180	204	207	181	180	204	191	199
24	181	195	150	204	196	191	204	194	175	199	194	194
25	196	185	155	218	199	168	184	186	180	194	196	199
26	199	170	160	215	188	168	191	194	180	194	194	199
27	188	160	165	207	194	164	218	188	180	186	204	202
28	181	150	160	202	191	148	199	186	178	187	202	210
29	181	160	160	204	.....	164	227	184	176	226	186	199
30	207	170	165	202	.....	196	213	184	174	210	184	204
31	207		160	202	.....	196		184		194	188	.....
Mean	192	203	173	180	200	209	210	188	179	179	191	192
Max.	207	230	195	221	248	297	248	242	196	226	204	210
Min.	174	150	150	145	165	148	184	159	166	154	171	166
A.F.	11820	12090	10620	11100	11110	12850	12500	11550	10640	11010	11720	11410

Total acre-feet 138420

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR DUNNING
Sec. 33-22-24 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	335	424	280	345	482	420	421	440	391	360	374	345
2	329	391	310	342	478	450	448	432	410	360	371	345
3	326	388	330	351	524	440	410	428	410	357	398	345
4	335	395	350	335	548	430	388	402	398	364	367	335
5	332	398	370	348	487	430	391	428	395	360	354	332
6	323	384	380	367	465	420	391	436	391	357	371	342
7	332	374	380	367	457	410	410	436	461	345	364	345
8	354	380	380	374	469	364	377	413	432	367	351	348
9	367	386	377	360	474	381	384	424	421	395	360	354
10	367	391	391	384	436	413	345	432	410	360	367	348
11	374	384	384	381	395	453	345	364	395	357	367	348
12	374	395	381	377	424	500	332	367	421	360	345	345
13	381	417	391	374	440	478	338	354	391	357	332	371
14	388	410	424	345	410	558	345	388	377	348	326	371
15	371	402	417	330	421	465	348	413	381	338	332	371
16	377	398	360	290	417	524	335	440	364	332	351	377
17	381	398	367	330	436	534	381	444	364	342	377	391
18	391	402	374	360	461	505	364	436	367	342	357	384
19	398	388	371	410	380	424	360	432	371	329	357	406
20	402	384	367	500	330	448	388	440	391	326	345	395
21	391	381	371	620	290	469	406	432	388	338	329	360
22	388	406	357	600	310	417	444	436	371	338	326	364
23	371	402	360	560	340	440	444	424	377	398	335	377
24	377	398	354	530	350	432	478	424	364	338	338	374
25	410	375	348	529	380	406	342	413	367	338	309	354
26	424	300	354	529	410	436	360	410	371	342	309	351
27	406	270	345	510	440	424	413	413	377	351	329	348
28	377	230	364	461	480	424	444	432	367	357	345	367
29	388	240	364	448	.....	436	500	436	360	444	357	377
30	417	260	364	444	.....	432	496	417	357	461	364	338
31	428		367	469	.....	440		395		371	354	.....
Mean	375	372	366	418	426	445	394	419	388	359	350	360
Max.	428	424	424	620	548	558	500	444	461	461	398	406
Min.	323	230	280	290	290	364	332	354	357	326	309	332
A.F.	23040	22120	22480	25730	23670	27380	23460	25750	23090	22080	21540	21440

Total acre-feet 281780

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR MILBURN
Sec. 15-21-22 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	820	938	550	860	864	850	1020	1000	784	751	806	700
2	782	827	600	820	904	800	1030	970	850	740	839	690
3	754	848	650	820	880	800	853	930	806	690	839	690
4	723	782	700	850	904	850	900	890	740	700	762	710
5	673	801	750	840	947	900	900	900	710	751	751	680
6	660	856	800	880	872	950	920	940	700	773	817	660
7	644	856	850	830	788	945	970	960	946	710	806	640
8	702	814	900	850	920	938	920	995	934	762	784	640
9	749	788	920	870	888	880	850	910	910	795	773	670
10	719	754	840	890	856	912	800	870	850	762	784	670
11	749	788	840	910	801	1070	800	810	730	773	762	670
12	808	794	760	950	827	1000	800	760	983	762	740	650
13	794	775	760	1010	864	1090	780	720	898	720	710	660
14	834	759	740	880	834	1240	770	740	862	700	680	670
15	827	814	780	700	801	1060	820	760	910	720	690	690
16	864	794	830	600	788	1160	810	800	828	762	680	690
17	864	827	850	650	808	1080	800	839	862	762	690	690
18	872	827	740	900	794	1070	800	850	862	762	710	680
19	864	765	750	1200	730	1150	790	806	886	806	670	700
20	840	770	760	1530	600	1180	820	862	886	806	650	670
21	864	788	780	1600	600	1040	855	828	828	773	613	680
22	840	759	800	1300	640	920	870	817	740	730	586	670
23	896	759	810	1200	680	880	890	850	773	886	604	730
24	920	808	820	1100	750	820	920	828	862	850	670	773
25	896	720	750	1100	800	740	730	806	828	773	622	730
26	864	600	770	900	900	740	760	828	817	784	650	720
27	840	550	800	800	950	740	830	795	795	828	670	762
28	814	500	940	782	900	740	890	795	773	817	700	762
29	848	510	950	820	.....	800	930	773	773	910	650	740
30	834	530	950	765	.....	860	1000	784	773	1020	640	730
31	929	.....	920	801	.....	930	.....	784	.....	898	680	.....
Mean	809	757	795	936	818	940	861	845	830	783	711	694
Max.	929	938	950	1600	950	1240	1030	1000	983	1020	839	773
Min.	644	500	550	600	600	740	730	720	700	690	586	640
A.F.	49760	45030	48910	57540	45400	57790	51230	51970	49390	48150	43690	41290

Total acre-feet 590150

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR WALWORTH
Sec. 1-19-20 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	813	885	580	984	975	930	996	1030	778	727	670	670
2	778	885	670	918	849	840	1080	935	840	710	718	670
3	822	786	800	918	895	880	925	1070	822	702	770	678
4	761	752	858	958	965	950	1030	1060	786	694	718	646
5	718	795	897	1000	945	1040	1020	1080	804	662	718	654
6	744	795	925	968	876	1120	1040	996	840	654	744	678
7	752	849	890	792	905	1100	1110	965	945	638	770	694
8	822	867	928	1010	935	1040	1070	1050	761	670	744	702
9	867	849	998	1010	895	876	975	1040	885	702	744	727
10	858	744	1010	1000	905	996	876	1040	885	694	770	727
11	905	752	934	1060	795	965	925	975	885	678	804	710
12	905	804	803	1060	858	965	925	915	955	662	727	694
13	945	849	844	1040	945	1070	996	945	895	662	727	702
14	895	736	797	926	867	1110	996	996	849	638	727	686
15	813	744	891	619	800	955	935	915	822	630	710	678
16	770	804	936	612	740	915	831	945	804	615	727	686
17	813	778	1010	578	740	985	840	945	795	630	752	670
18	822	813	870	782	765	895	831	867	804	638	804	670
19	840	770	687	934	670	895	849	840	858	646	770	670
20	867	804	836	1190	500	915	831	867	925	646	744	670
21	804	795	820	1130	520	867	840	813	840	662	736	654
22	786	813	692	1190	540	849	858	795	795	686	727	638
23	840	858	863	904	570	876	876	752	786	786	702	622
24	895	895	913	935	700	804	867	736	822	736	718	630
25	945	830	814	874	1000	694	895	744	770	622	694	630
26	965	620	841	935	1090	813	786	727	727	662	670	670
27	885	500	896	926	1150	686	885	752	727	710	670	630
28	804	470	1090	932	1060	778	975	786	727	718	678	638
29	831	500	1100	945	.....	867	1080	786	744	736	710	670
30	915	530	1100	950	.....	915	1180	822	761	822	718	662
31	895	.....	996	970	.....	867	.....	770	.....	770	702	.....
Mean	841	762	880	937	838	918	944	902	821	684	728	671
Max.	965	895	1100	1190	1150	1120	1180	1080	955	822	804	727
Min.	718	470	580	578	500	686	786	727	727	615	670	622
A.F.	51720	45370	54130	57620	46520	56450	56180	55460	48870	42070	44790	39920

Total acre-feet 599100

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR SARGENT
Sec. 9-19-18 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	780	847	640	1000	1250	1030	960	903	658	695	727	820
2	784	802	760	995	1270	1290	1000	912	703	695	743	759
3	775	865	880	974	1100	1280	922	1000	711	703	802	751
4	802	820	990	971	858	1200	922	1000	711	727	751	719
5	820	811	1060	977	861	1180	960	950	719	688	711	680
6	735	856	1120	941	792	1260	970	903	735	751	743	672
7	695	884	1170	732	777	1240	1040	874	950	735	751	688
8	727	903	1140	744	807	1130	1000	941	894	743	727	719
9	719	874	1080	858	799	1120	894	912	784	793	703	711
10	703	884	998	809	792	1070	865	980	784	775	719	743
11	680	847	902	803	740	1080	884	838	903	751	743	743
12	775	793	904	825	764	1050	941	865	903	703	719	727
13	838	829	878	810	762	1000	894	847	884	688	703	688
14	884	912	805	750	710	1190	884	960	847	711	680	665
15	884	903	871	640	710	1140	874	903	847	719	703	642
16	820	856	958	500	733	980	829	912	838	688	711	672
17	751	767	739	540	825	950	802	922	856	680	735	695
18	820	743	680	600	619	903	759	894	847	680	793	688
19	829	767	686	700	592	980	727	829	856	751	838	672
20	793	838	746	860	259	865	703	802	874	727	838	703
21	793	727	940	991	422	811	735	847	820	711	793	688
22	811	719	946	1120	447	767	802	950	847	735	759	688
23	802	784	957	928	497	894	865	894	838	829	751	672
24	793	793	1030	928	803	894	922	884	884	811	743	642
25	767	740	808	946	1190	903	703	793	820	759	751	665
26	775	620	670	972	1420	903	703	751	751	727	719	688
27	829	520	653	1070	1220	856	829	711	711	775	703	703
28	767	450	779	1130	1000	941	884	650	688	743	719	727
29	727	490	915	1120	.....	1060	1000	606	711	735	735	743
30	838	580	928	1120	.....	1090	1000	592	711	829	775	743
31	865	.....	962	1180	.....	1070	.....	564	.....	847	811	.....
Mean	786	774	890	888	822	1036	876	851	803	739	745	704
Max.	884	912	1170	1180	1420	1290	1040	1000	950	847	838	820
Min.	680	450	640	500	259	767	703	564	658	680	680	642
A.F.	48360	46060	54730	54610	45660	63720	52110	52340	47770	45430	45820	41880

Total acre-feet 598490

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR ARCADIA
Sec. 26-17-16 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	574	821	707	1080	1580	994	995	1140	830	560	501	384
2	581	928	893	1100	1380	876	1140	1160	821	547	480	429
3	560	910	1040	1020	1170	998	1170	1220	865	534	480	588
4	588	821	1170	1070	1100	1060	1060	1170	856	527	480	580
5	581	787	1250	1100	1160	1160	1080	1080	821	527	483	574
6	483	746	1360	1050	1130	1380	966	1110	838	527	477	580
7	595	763	1210	979	966	1320	1040	1150	1340	514	480	588
8	676	787	1080	847	950	1350	1210	1150	928	534	527	588
9	684	856	1240	1200	930	1270	1140	1090	714	567	460	617
10	691	838	1190	1350	923	1330	1000	1190	738	547	458	661
11	638	779	1080	1240	959	1280	900	1170	699	567	754	661
12	661	746	1040	1300	904	1280	880	995	706	560	550	668
13	830	838	1020	1130	937	1210	873	956	795	501	534	684
14	938	787	936	1150	909	1570	821	865	763	508	501	684
15	910	771	1010	518	822	1390	947	966	738	508	501	706
16	891	812	966	484	712	1280	910	1020	746	477	514	691
17	891	838	886	340	700	1190	787	950	691	458	521	699
18	891	891	852	325	750	1040	754	950	676	452	547	684
19	830	873	864	438	540	856	722	950	646	477	581	684
20	938	928	916	699	271	1040	787	950	706	470	560	668
21	910	1040	945	832	284	1120	820	900	754	434	547	684
22	910	938	980	867	290	1130	880	900	661	406	521	653
23	785	901	910	1000	307	891	940	900	638	495	508	631
24	873	731	1040	888	359	795	1000	820	738	527	508	602
25	928	555	945	917	566	771	1080	820	691	464	483	631
26	938	621	889	1180	1360	699	1000	821	638	395	429	668
27	919	455	973	1300	1530	706	950	821	602	440	401	700
28	856	400	1040	1380	1390	699	901	910	574	470	379	700
29	738	443	1120	1410	.....	714	1170	919	560	434	384	730
30	706	543	1180	1440	.....	699	1290	919	560	489	401	730
31	830	.....	1130	1540	.....	830	.....	919	.....	610	406	.....
Mean	769	772	1028	1006	889	1062	974	996	744	501	495	638
Max.	938	1040	1360	1540	1580	1570	1290	1220	1340	610	754	730
Min.	483	400	707	325	271	699	722	820	560	395	379	384
A.F.	47250	45910	63200	61830	49350	65310	57940	61250	44300	30800	30460	37980

Total acre-feet 595577

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR LOUP CITY
Sec. 14-15-15 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	594	1060	800	960	1900	1450	640	970	682	488	570	390
2	656	1030	936	920	1980	1100	660	900	669	510	433	380
3	669	984	1120	940	1880	1180	630	928	682	477	400	499
4	643	984	1280	920	1670	1250	582	928	695	477	477	477
5	695	900	1440	960	1500	1350	582	872	721	477	433	499
6	721	956	1410	980	1050	1500	618	872	774	488	411	522
7	774	1100	1290	920	630	1480	886	886	1040	510	411	488
8	734	1120	1160	880	466	1350	1210	886	1210	510	422	499
9	730	1100	1040	1000	455	1180	1290	872	816	546	380	510
10	730	1060	900	1200	630	1510	942	998	900	558	370	546
11	720	984	830	1120	760	1600	630	1060	802	698	669	582
12	780	984	800	1170	928	1810	643	914	788	682	630	582
13	880	956	830	1140	1120	1750	708	872	858	618	510	618
14	960	970	800	1190	900	1960	721	844	844	582	466	594
15	940	960	800	652	880	1880	669	830	900	558	455	594
16	900	940	813	508	520	1770	618	830	816	558	477	594
17	840	1040	770	460	480	1600	522	844	760	499	510	594
18	760	984	700	550	600	1300	500	900	721	466	499	606
19	802	1130	650	640	500	1150	540	872	669	466	534	594
20	830	1130	530	760	450	1250	594	816	669	477	546	594
21	872	1190	500	1000	400	1200	695	802	747	455	522	606
22	956	1210	580	1100	350	1200	802	788	708	466	488	594
23	998	1100	670	1200	250	900	844	816	682	488	455	582
24	1100	1000	680	1250	200	802	942	788	747	570	433	546
25	1080	840	740	1300	180	844	886	780	721	582	411	546
26	1120	700	700	1400	890	802	708	780	669	488	390	558
27	1060	600	600	1700	1480	970	708	788	630	466	360	558
28	998	540	500	1830	1600	970	734	844	594	488	370	582
29	872	600	650	1840	.....	886	858	760	558	455	390	594
30	816	700	814	1740	.....	872	998	734	510	444	411	594
31	942	.....	900	1800	.....	606	.....	721	.....	522	422	.....
Mean	844	962	846	1098	880	1273	745	855	753	518	460	551
Max.	1120	1210	1440	1840	1980	1960	1290	1060	1210	698	669	618
Min.	594	540	500	460	180	606	500	721	510	444	360	380
A.F.	51910	57230	52030	67500	48890	78290	44350	52550	44790	31870	28270	32770

Total acre-feet 590450

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR BOELUS
Sec. 29-13-12 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	57	231	658	768	1700	1300	430	810	221	424	37	6
2	246	263	777	826	1560	1000	444	801	171	495	51	15
3	28	263	1020	891	1340	1100	465	830	171	444	22	458
4	25	247	1120	949	1180	1200	345	820	221	437	104	226
5	47	221	1460	888	1190	1220	302	700	753	451	37	210
6	181	280	1690	861	899	1210	302	580	727	525	25	231
7	274	226	1770	851	878	1280	430	639	1150	525	22	205
8	166	210	1710	811	792	919	588	556	2020	548	18	352
9	358	231	1620	601	656	899	782	580	649	564	25	61
10	64	695	1440	660	848	718	564	1330	216	541	15	47
11	82	442	1050	840	792	605	541	1080	186	395	44	244
12	68	242	872	887	763	622	466	839	162	216	170	75
13	156	269	814	744	763	614	377	853	162	130	92	68
14	308	291	715	688	664	782	377	682	226	79	15	61
15	417	269	688	538	691	868	645	605	171	54	6	44
16	433	247	626	293	772	691	320	691	193	40	9	40
17	226	333	632	258	639	639	286	763	157	131	31	417
18	171	481	762	232	596	605	231	940	118	54	31	86
19	157	404	694	193	839	605	280	691	155	40	187	68
20	181	554	624	499	605	548	302	487	664	37	44	71
21	221	364	678	666	200	487	390	495	682	34	28	64
22	411	333	781	849	205	556	236	564	510	31	22	79
23	242	397	782	880	210	444	205	404	258	31	15	64
24	252	397	738	860	220	397	372	327	454	89	18	193
25	320	564	737	860	250	410	596	252	314	47	15	94
26	364	520	622	940	700	358	397	210	413	40	15	98
27	696	450	560	1200	1990	456	300	436	181	31	18	86
28	548	450	560	1400	1500	339	205	392	105	15	215	75
29	487	555	560	1600	.....	269	486	286	64	22	25	51
30	210	621	580	1880	.....	308	782	252	44	15	15	44
31	195	.....	680	1700	.....	333	.....	226	.....	15	9	.....
Mean	245	368	904	842	837	703	415	617	384	210	44	128
Max.	696	695	1770	1880	1990	1300	782	1330	2020	564	215	458
Min.	25	210	560	193	200	269	205	210	44	15	6	6
A. F.	15060	21920	55580	51790	46500	43200	24690	37930	22850	12890	2740	7600

Total acre-feet 342750

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR ST. PAUL
Sec. 10-14-10 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	711	1190	349	900	1870	2150	1050	1990	995	573	454	354
2	680	1160	402	950	1850	1410	1050	2130	969	680	555	374
3	680	1030	614	1010	1950	1360	1220	1840	943	650	462	600
4	711	1100	941	1120	2050	1370	1140	1660	1010	555	395	591
5	660	1100	1330	1070	2100	1260	1030	1460	1060	573	502	591
6	733	1050	1330	939	2290	1260	930	1170	1010	610	510	600
7	777	1070	1450	962	1950	1840	1120	1140	1260	546	494	610
8	744	1100	1470	873	1540	2500	1280	1140	1860	573	470	555
9	799	1130	1180	882	1530	1990	1200	1140	1310	630	454	564
10	744	982	1140	854	1480	1840	1160	3420	1190	630	430	591
11	777	918	920	1010	1340	1530	943	3450	1340	660	470	600
12	906	930	770	1160	1200	1450	943	1840	1060	788	620	600
13	943	943	740	1190	1210	1940	943	1460	969	810	660	600
14	1100	1050	720	700	1360	1810	1010	1430	982	744	537	650
15	1010	1160	850	400	1330	1840	1120	1300	969	680	454	650
16	982	1200	900	400	1040	1580	906	1160	906	610	438	680
17	711	1350	950	520	890	1140	846	1240	894	591	486	680
18	834	1290	880	600	800	1120	834	1300	810	555	537	620
19	956	1380	808	680	600	1170	894	1290	755	537	555	670
20	956	1290	724	655	300	1120	943	1190	744	546	537	690
21	982	1290	686	703	300	1060	982	1050	799	555	573	711
22	969	1290	721	846	300	1160	1010	1020	822	502	537	722
23	882	1410	730	936	310	1280	982	956	822	494	494	700
24	940	1430	735	948	600	1100	1220	982	834	486	486	680
25	982	1200	672	978	1000	969	1650	810	846	537	470	640
26	1280	800	475	1060	1600	810	1400	858	882	640	454	630
27	1450	500	487	1170	2300	882	1120	3000	788	660	430	670
28	1400	300	580	1360	3510	1070	870	2300	766	656	374	650
29	1410	257	710	1610	.....	1010	1290	1600	680	519	312	640
30	1320	320	800	1930	.....	1070	1890	1020	630	470	330	650
31	1340	...	850	1890	.....	1090	...	995	...	402	330	.....
Mean	947	1041	836	978	1379	1393	1099	1527	964	596	478	619
Max.	1450	1430	1470	1930	3510	2500	1890	3450	1860	810	660	722
Min.	660	257	349	400	300	810	834	810	630	402	312	354
A. F.	58250	61920	51400	60110	76560	85650	65410	93900	57330	36620	29380	36820

Total acre-feet 713349

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR TAYLOR
Sec. 22-21-18 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	281	522	550	570	689	853	550	730	396	258	288	179
2	304	494	600	560	730	754	676	593	416	244	273	182
3	325	505	625	520	716	763	669	656	421	314	292	188
4	350	488	650	500	703	715	499	758	401	382	356	196
5	346	516	700	490	689	804	528	780	411	346	285	215
6	364	516	720	470	676	787	533	758	411	355	277	234
7	382	516	750	430	574	944	586	730	518	368	266	241
8	391	510	800	383	650	982	599	669	588	396	266	241
9	421	516	870	529	699	1050	599	643	585	426	255	255
10	416	510	847	602	699	1020	545	689	467	421	248	255
11	406	499	817	575	451	1080	562	585	451	411	325	292
12	396	545	703	570	494	1190	545	457	491	411	304	292
13	396	545	682	572	556	1000	539	488	436	396	296	277
14	396	550	636	535	617	974	568	516	421	373	285	273
15	396	539	737	243	617	751	545	516	421	342	308	285
16	401	550	809	190	499	847	462	522	411	333	308	292
17	396	568	766	305	488	862	396	522	457	325	316	292
18	406	605	758	412	574	832	483	516	426	321	329	288
19	421	556	620	445	475	855	446	494	441	285	350	285
20	431	505	380	475	320	737	478	478	478	273	321	281
21	416	494	440	520	370	723	494	462	586	248	273	288
22	446	441	480	563	450	737	528	451	488	228	255	285
23	462	458	460	594	500	802	522	451	441	300	241	292
24	488	416	416	669	550	676	533	451	467	252	241	292
25	494	299	382	678	620	676	516	441	416	258	231	300
26	505	166	320	742	680	676	426	406	416	228	218	308
27	505	181	360	776	800	689	462	421	368	395	202	300
28	499	300	390	678	922	586	556	416	329	255	173	304
29	510	400	450	603	.....	676	643	411	316	238	168	304
30	522	500	500	721	.....	676	795	421	288	320	173	296
31	516	...	540	788	...	593	...	431	...	389	179	.....
Mean	419	474	605	539	599	816	543	544	439	326	268	267
Max.	522	605	870	788	922	1190	795	780	588	426	356	308
Min.	281	166	320	190	320	586	396	406	288	228	168	179
A.F.	25760	28190	37210	33140	33260	50200	32300	33450	26110	20020	16470	15890

Total acre-feet 352000

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR BURWELL
Sec. 15-21-16 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	319	555	600	600	771	910	564	807	449	288	319	218
2	350	582	640	590	743	820	635	863	441	267	274	222
3	373	555	670	560	789	700	671	835	449	445	288	238
4	390	564	740	520	966	608	537	835	441	449	350	232
5	382	590	740	500	844	700	564	872	441	311	326	232
6	382	582	760	493	789	900	582	854	484	342	288	240
7	399	537	800	467	707	970	617	854	730	350	267	260
8	390	582	850	382	716	1050	617	807	771	357	249	274
9	399	573	900	550	689	1160	662	743	771	399	243	267
10	399	537	704	640	716	1020	626	826	671	407	243	281
11	424	519	707	630	519	1020	644	854	599	415	365	311
12	424	511	716	620	502	1080	590	789	731	415	350	311
13	432	528	680	620	590	975	573	644	502	432	319	319
14	458	546	644	580	653	1120	617	582	441	399	311	326
15	458	546	662	424	653	966	689	573	407	373	319	311
16	484	564	816	227	502	928	582	555	407	342	334	319
17	449	599	816	274	475	1060	502	590	441	334	334	296
18	484	635	826	326	519	1000	449	617	449	326	326	303
19	475	635	600	458	502	900	502	582	441	288	365	311
20	467	582	400	490	326	798	449	573	432	274	365	303
21	458	582	450	582	407	798	493	537	564	267	334	326
22	458	555	510	680	449	734	511	502	537	249	303	303
23	493	546	420	800	493	752	519	467	484	296	296	311
24	528	519	400	800	580	725	537	475	511	281	296	311
25	519	382	350	800	650	680	519	467	493	238	281	326
26	511	255	330	850	720	716	432	441	467	232	274	350
27	502	200	380	975	840	725	407	502	399	405	249	334
28	475	220	430	909	950	644	502	467	357	360	222	342
29	484	350	480	807	.....	590	617	449	326	255	205	350
30	511	520	540	716	.....	608	707	449	319	288	218	350
31	511	.....	590	807	.....	573	.....	467	.....	424	218	.....
Mean	445	515	618	602	645	846	564	641	498	339	295	296
Max.	528	635	900	975	966	1160	707	872	771	449	365	350
Min.	319	200	330	227	326	573	407	441	319	232	205	218
A.F.	27350	30650	37990	37040	35820	52030	33550	39430	29660	20840	18110	17610

Total acre-feet 380080

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR ORD
Sec. 22-19-14 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	614	893	750	750	1100	1220	940	1890	850	620	810	447
2	623	855	820	820	1070	1100	1040	1940	850	596	760	454
3	631	868	850	900	1110	990	1040	2000	840	1020	705	573
4	631	906	900	800	1250	1090	990	1930	790	1160	687	538
5	639	957	950	720	1180	1160	940	1890	760	678	669	559
6	667	957	950	750	1200	1280	930	1800	800	644	596	573
7	714	944	950	799	1120	1370	940	1720	1730	660	566	588
8	714	932	1000	550	1250	1410	1030	1480	1360	669	517	588
9	733	906	1180	600	1300	1410	1060	1400	990	741	496	580
10	733	868	1100	750	1290	1610	1030	1370	1000	770	517	566
11	744	880	1020	850	944	1700	1000	1550	890	1440	830	588
12	755	893	930	900	755	1890	970	1270	1190	902	678	612
13	766	919	820	880	820	1940	950	1030	938	732	612	604
14	766	932	720	950	906	2030	950	980	830	696	580	596
15	788	932	730	600	855	1730	1080	980	810	669	612	604
16	809	919	800	380	809	1700	930	950	760	678	636	612
17	798	944	900	410	893	1670	920	950	741	669	636	612
18	798	985	1000	500	906	1450	900	990	760	652	636	588
19	798	1020	780	858	800	1290	920	980	732	604	636	596
20	798	985	580	1040	340	1280	930	970	780	588	652	604
21	809	919	620	1100	280	1290	940	920	830	545	620	612
22	798	868	670	1160	500	1180	930	920	940	489	573	620
23	855	906	620	1190	580	1090	930	890	870	552	559	628
24	880	861	530	1200	680	960	940	870	840	559	545	636
25	842	725	400	1250	800	870	880	850	840	468	531	612
26	855	300	420	1280	900	880	850	830	810	489	496	644
27	868	220	450	1320	1070	930	840	900	770	496	496	652
28	880	340	480	1330	1280	980	1200	960	714	800	447	652
29	880	450	550	1290	.....	930	1900	890	687	620	447	644
30	919	650	640	1210	.....	880	1730	860	652	559	461	652
31	906	.....	700	1150	.....	900	.....	850	.....	780	468	.....
Mean	775	824	768	912	928	1297	1021	1220	878	695	596	594
Max.	919	1020	1180	1330	1300	2030	1900	2000	1730	1440	830	652
Min.	614	220	400	380	280	830	840	830	652	468	447	447
A.F.	47630	49060	47230	56110	51550	79760	60750	75000	52270	42730	36640	35370

Total acre-feet 634100

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR SCOTIA
Sec. 8-17-12 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	584	856	770	810	1130	1270	996	1750	889	750	760	343
2	584	912	855	879	1070	1160	1050	1790	900	760	681	343
3	627	900	867	948	1150	1080	1120	1770	900	1110	663	478
4	672	912	965	900	1300	1080	1060	1750	924	2000	609	464
5	681	889	975	720	1220	1150	984	1680	889	972	552	471
6	672	845	1030	770	1250	1370	984	1600	912	790	560	485
7	700	812	1070	730	1150	1400	972	1570	1880	790	520	520
8	730	867	1230	560	1300	1420	1080	1370	3000	812	457	528
9	720	936	1510	600	1330	1450	1110	1400	1470	834	418	560
10	710	936	1390	740	1320	1470	1080	1800	1370	834	398	560
11	672	900	1250	860	1050	1590	1050	2220	1080	1280	801	576
12	690	889	1030	900	746	1660	1010	1960	1030	1480	720	584
13	700	924	920	878	912	1710	1010	1340	1300	889	627	609
14	720	960	790	1010	940	2130	1010	1180	924	770	576	600
15	740	948	758	690	1030	1690	1140	1020	878	730	576	592
16	750	960	948	400	1010	1570	984	1050	856	710	576	592
17	770	984	1080	450	992	1500	996	1030	823	710	600	609
18	760	984	1140	550	1050	1400	984	1020	801	681	584	600
19	780	867	845	960	984	1240	1070	1050	801	636	560	592
20	760	834	600	1080	338	1210	996	972	812	609	568	592
21	770	790	627	1140	140	1270	996	912	823	528	544	592
22	780	801	710	1180	155	1210	996	900	936	457	520	600
23	801	834	663	1200	170	1160	996	856	984	478	506	600
24	823	801	550	1230	300	1060	1020	856	1180	478	492	600
25	856	770	430	1270	800	984	1060	867	984	450	430	609
26	867	325	440	1300	900	984	948	856	960	360	424	627
27	823	230	460	1360	1100	996	845	856	900	485	411	600
28	812	350	500	1400	1300	1010	912	1150	856	596	373	592
29	780	440	560	1330	.....	960	2180	936	812	663	349	609
30	801	675	660	1250	.....	948	1690	878	790	471	355	584
31	823	.....	730	1200	.....	972	.....	867	.....	552	355	.....
Mean	741	804	850	945	934	1294	1078	1266	1055	763	534	557
Max.	867	984	1510	1400	1330	2130	2180	2220	3000	2000	801	627
Min.	584	230	430	400	140	948	845	856	790	360	349	343
A.F.	45540	47860	52270	58110	51860	79550	64120	77860	62800	46940	32860	33150

Total acre-feet 652900

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR COTESFIELD
Sec. 7-16-11 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	618	916	738	840	1300	1170	980	1810	875	776	618	299
2	747	865	887	880	1350	1080	1090	1750	916	756	654	286
3	645	875	920	900	1400	1190	1070	1810	885	1220	627	474
4	654	958	980	900	1450	1000	1100	1850	875	2640	548	482
5	681	1030	1000	840	1530	927	1040	1820	865	1010	474	498
6	690	1020	1050	942	1400	1500	1110	1840	835	795	498	523
7	747	969	1200	815	1300	1660	1110	1850	1280	766	450	557
8	747	990	1280	700	1300	1710	1100	1710	1750	795	434	557
9	756	1130	1300	720	1300	1680	1120	1740	1520	766	397	591
10	756	1090	1350	770	1350	1710	1120	1910	1330	795	346	583
11	738	1090	1150	900	1150	1780	1100	1840	1260	938	855	574
12	738	948	1030	1000	820	1740	1090	1620	1130	1040	825	609
13	747	969	900	1120	860	1780	1090	1350	1580	948	718	627
14	795	1000	760	1140	960	1750	855	1310	969	835	690	636
15	815	948	740	750	1050	1720	1200	1170	825	805	681	636
16	785	1010	880	460	1040	1670	1170	1090	795	766	672	591
17	776	1060	960	580	1020	1620	1180	1000	795	738	681	600
18	756	1090	1040	670	960	1430	1130	969	805	805	654	636
19	896	980	920	780	860	1280	1130	1010	738	776	672	645
20	845	958	620	1000	450	1260	990	1000	738	776	523	645
21	845	938	680	1100	280	1330	969	938	815	636	523	636
22	865	927	750	1200	170	1310	990	938	815	482	591	627
23	885	990	680	1250	240	1190	1130	938	948	466	531	618
24	896	1000	600	1300	422	1200	1160	938	1410	404	540	591
25	927	927	500	1320	850	1080	1260	906	815	390	498	591
26	916	800	460	1350	1180	938	1080	896	845	330	474	600
27	948	229	480	1380	1590	927	815	916	825	434	450	747
28	969	367	520	1400	1280	938	825	1170	805	360	427	681
29	938	404	580	1350	.....	958	1690	980	785	574	382	600
30	958	548	680	1320	.....	938	1660	938	756	427	326	591
31	927	.....	780	1300	.....	958	.....	875	.....	627	319	.....
Mean	807	901	852	999	1031	1336	1112	1319	986	770	551	578
Max.	969	1130	1350	1400	1590	1780	1690	1910	1750	2640	855	747
Min.	618	229	460	460	170	927	815	875	738	330	319	286
A.F.	49600	53610	52390	61440	57250	82160	66160	81090	58680	47360	33870	34380

Total acre-feet 677990

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR ST. PAUL
Sec. 22-15-10 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	607	859	811	868	1240	1370	942	1720	769	685	656	309
2	627	930	1020	915	1280	1300	1060	1760	813	738	758	303
3	646	942	1110	925	1380	1210	1260	1850	813	675	706	386
4	656	930	1180	955	1380	1220	1180	1810	836	2160	656	468
5	685	942	1160	966	1390	1320	1070	1740	824	1240	607	428
6	716	980	1220	970	1310	1380	1000	1670	813	920	570	468
7	727	980	1250	880	1300	1380	1040	1580	1070	820	526	484
8	696	992	1300	750	1280	1430	1060	1430	1850	770	492	509
9	675	1020	1370	755	1300	1400	1160	1340	1350	748	436	509
10	646	1000	1260	864	1350	1430	1240	3770	1200	758	393	535
11	706	1000	1150	1040	1200	1580	1220	1550	1180	769	602	526
12	738	992	1030	1260	820	1700	1140	1260	1030	1780	848	535
13	748	1020	956	1340	780	1980	1110	955	1360	1040	666	562
14	790	1030	869	1390	1200	2430	1020	918	968	813	617	588
15	824	992	608	860	1180	1910	1180	955	870	748	570	598
16	813	980	905	430	960	1790	1090	980	824	706	579	598
17	836	992	1150	327	1050	1790	1070	968	790	706	588	598
18	824	1060	1220	369	1070	1740	1020	968	748	685	598	588
19	870	1000	1140	630	1030	1510	980	968	769	646	598	588
20	905	942	764	905	350	1340	918	968	748	607	588	579
21	930	859	722	1080	250	1340	894	942	790	588	598	570
22	905	882	799	1250	140	1400	918	930	813	518	570	562
23	859	918	712	1320	165	1290	905	905	930	526	535	570
24	905	942	644	1340	350	1260	1020	918	1360	544	509	579
25	930	800	615	1380	850	1140	1170	918	992	553	468	598
26	930	635	525	1380	980	1020	980	894	918	500	420	598
27	942	310	535	1360	1200	1000	955	836	859	460	393	598
28	918	350	603	1510	1450	1000	918	1000	824	518	379	607
29	882	500	742	1450	.....	980	1810	955	758	748	340	607
30	848	600	870	1300	.....	930	1830	848	716	627	322	598
31	848	...	874	1250	.....	894	.....	790	.....	518	315	.....
Mean	795	879	939	1033	1008	1402	1105	1261	953	778	545	535
Max.	942	1060	1370	1510	1450	2430	1830	3770	1850	2160	848	607
Min.	607	310	525	327	140	894	894	790	716	460	315	303
A.F.	48860	52320	57750	63510	56000	86210	65770	77550	56700	47830	33530	31830

Total acre-feet 677860

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, NEAR CUMRO
Sec. 4-12-18 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	105	144	118	142	228	163	158	176	153	104	90	89
2	105	146	119	146	211	177	161	185	150	108	91	90
3	106	147	120	152	170	187	168	192	147	118	97	98
4	106	146	133	148	170	168	167	192	142	109	104	90
5	103	142	149	155	172	160	168	192	141	103	101	89
6	104	138	155	152	174	165	168	185	142	100	104	88
7	112	134	160	146	174	168	172	177	165	100	108	88
8	112	131	167	135	172	170	181	174	206	103	106	90
9	112	131	166	148	172	176	179	160	176	108	104	92
10	115	129	158	160	172	183	179	167	161	108	103	92
11	119	128	155	166	167	190	176	185	150	113	114	92
12	121	129	154	166	150	216	176	183	143	115	115	93
13	126	132	158	166	149	208	174	176	140	119	106	93
14	131	134	147	170	142	226	172	170	136	113	101	93
15	129	134	154	190	134	239	176	165	132	110	99	93
16	125	132	154	160	140	224	168	153	128	106	98	93
17	121	134	144	138	146	212	165	152	124	106	98	92
18	122	136	128	162	147	212	168	152	124	108	98	91
19	125	141	111	191	135	208	165	155	124	104	97	93
20	121	149	111	197	125	204	165	153	124	105	97	95
21	119	149	120	188	130	196	167	152	125	108	97	94
22	118	152	122	199	130	190	163	147	125	104	97	94
23	118	152	121	200	140	187	161	140	125	108	95	93
24	124	152	124	194	170	181	165	136	125	106	94	94
25	126	138	120	191	190	179	167	132	124	99	93	95
26	129	98	113	186	200	176	165	131	117	98	94	97
27	136	98	124	190	210	170	167	808	113	101	93	98
28	140	112	135	207	176	168	168	280	110	100	92	99
29	140	114	148	215	....	165	172	243	106	98	91	103
30	140	122	152	203	....	161	176	189	104	95	91	100
31	140	..	154	221	....	160	.....	161	.....	92	93	.....
Meau	121	134	139	174	164	187	169	192	136	105	99	93
Max.	140	152	167	221	228	239	181	808	206	119	115	103
Min.	103	98	111	135	125	160	158	131	104	92	90	88
A.F.	7440	7980	8520	10680	9120	11480	10070	11830	8100	6480	6070	5560

Total acre-feet 103330

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, NEAR RAVENNA
Sec. 17-12-14 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	87	130	142	163	322	300	241	241	198	98	69	62
2	87	126	147	163	346	280	238	250	217	96	70	59
3	87	122	141	163	346	300	253	253	208	96	72	64
4	92	126	147	170	336	300	244	241	214	96	69	73
5	96	122	154	168	338	293	232	226	214	96	81	71
6	102	124	158	179	289	286	220	223	198	90	77	70
7	106	120	168	192	251	276	211	214	226	90	83	72
8	108	116	168	178	238	282	211	220	226	98	82	70
9	108	118	168	170	220	265	229	205	226	102	81	71
10	116	128	164	170	220	268	232	647	205	100	77	72
11	117	132	170	178	238	272	232	293	205	93	89	71
12	122	158	179	185	235	272	200	232	202	114	98	73
13	120	162	170	190	232	296	200	217	195	122	94	76
14	126	150	169	200	226	307	223	223	190	110	85	76
15	132	150	169	190	223	300	232	220	182	100	84	75
16	136	150	149	150	180	262	220	220	172	94	85	76
17	134	150	156	120	200	256	220	214	168	86	83	76
18	134	152	157	90	211	259	205	198	154	82	82	76
19	132	158	138	100	232	276	200	192	148	83	80	77
20	138	160	148	120	170	268	200	202	144	81	78	77
21	134	158	136	135	130	286	205	202	140	78	77	80
22	132	162	139	152	140	293	190	220	136	77	75	80
23	140	152	146	148	130	265	202	232	132	77	74	81
24	138	138	132	152	120	256	192	232	128	78	73	82
25	126	158	133	161	160	253	192	226	124	82	70	82
26	130	118	133	179	339	244	174	259	118	77	68	82
27	130	156	119	197	324	244	185	1730	112	90	65	87
28	150	138	125	228	268	244	192	710	108	86	63	86
29	150	137	146	248	.....	238	223	365	100	74	62	85
30	134	138	156	269	.....	214	229	226	96	72	61	85
31	134	.....	163	279	.....	244	.....	188	.....	69	59	.....
Mean	122	140	151	174	238	271	214	307	170	90	76	76
Max.	150	162	179	279	346	307	253	1730	226	122	98	87
Min.	87	116	119	90	120	214	174	188	96	69	59	59
A.F.	7490	8350	9300	10680	13220	16660	12750	18880	10090	5530	4690	4500

Total acre-feet 122140

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, NEAR ST. MICHAEL
Sec. 12-11-13 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	102	168	175	178	272	282	214	230	316	107	86	53
2	100	166	184	185	260	254	223	230	299	108	86	51
3	100	161	185	185	299	274	214	235	290	108	72	98
4	100	156	184	185	393	306	206	242	263	109	72	117
5	102	158	189	184	426	306	199	240	266	110	68	105
6	100	168	191	182	400	290	199	250	260	111	88	98
7	107	170	193	184	350	277	202	247	277	107	88	94
8	113	170	195	178	300	277	206	242	388	117	84	96
9	121	168	194	178	260	283	238	238	401	121	84	96
10	124	166	194	175	247	277	233	1190	401	124	82	98
11	124	178	186	182	260	290	235	624	368	134	96	100
12	124	185	188	201	260	296	242	341	272	161	96	96
13	138	187	182	208	265	326	247	293	245	161	136	96
14	149	192	170	208	263	326	255	260	230	158	105	90
15	152	199	159	212	263	364	230	247	223	147	98	86
16	154	204	154	208	204	337	240	250	209	134	92	86
17	156	211	156	146	228	286	230	242	192	124	92	86
18	154	216	180	128	235	277	223	230	173	117	88	86
19	161	209	157	147	238	272	216	218	158	115	92	88
20	163	209	153	178	200	280	211	228	149	117	92	88
21	161	214	171	214	139	277	202	221	147	111	94	88
22	163	221	146	232	150	274	209	218	143	102	86	90
23	166	235	165	234	152	260	204	216	143	102	90	90
24	170	230	157	236	136	233	214	223	147	102	78	88
25	166	218	151	243	189	240	206	216	141	111	82	92
26	161	178	156	248	318	235	197	218	143	124	72	92
27	166	211	151	267	263	218	185	2070	126	280	72	92
28	163	184	152	275	316	221	185	1870	121	138	62	88
29	163	166	144	297	.....	228	211	875	113	109	55	92
30	161	168	154	283	.....	230	230	510	107	94	55	90
31	166	.....	176	283	.....	223	.....	376	.....	88	55	.....
Mean	140	189	171	208	260	275	217	429	224	124	84	90
Max.	170	235	195	297	426	364	255	2070	401	280	136	117
Min.	100	156	144	128	136	218	185	216	107	88	55	51
A.F.	8630	11240	10500	12780	14450	16900	12900	26360	13310	7640	5150	5380

Total acre-feet 145240

DISCHARGE IN SECOND-FEET OF MAPLE CREEK NEAR NICKERSON
Sec. 11-18-8 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	16	9	17	13	140	40	520	32	25	13	3
2	16	17	9	18	14	198	41	385	28	22	17	8
3	15	14	7	18	15	110	45	276	28	20	14	7
4	14	18	7	18	23	113	50	143	29	20	13	6
5	13	14	7	17	25	103	53	134	29	19	13	5
6	13	14	8	19	21	82	45	96	27	18	13	6
7	13	13	12	21	28	82	46	84	33	18	15	6
8	12	14	15	21	40	86	43	76	62	17	17	5
9	15	13	14	21	48	86	44	71	387	16	17	5
10	15	13	25	21	27	99	50	66	72	15	17	4
11	16	19	24	20	38	164	61	82	57	17	17	4
12	28	19	25	21	38	191	52	97	49	191	15	4
13	26	18	25	21	49	166	45	62	40	113	13	3
14	20	20	24	21	49	105	42	55	40	80	11	4
15	16	17	21	21	48	105	42	55	36	53	10	4
16	16	17	15	18	48	113	43	56	33	24	9	3
17	14	21	14	15	48	72	43	56	30	22	9	3
18	15	17	16	13	44	68	44	54	28	19	9	3
19	15	17	13	12	44	64	43	57	27	18	9	3
20	14	20	14	10	44	55	38	50	24	19	8	2
21	12	19	11	10	43	51	37	46	23	16	7	2
22	17	15	12	10	41	53	37	61	25	16	7	2
23	15	17	11	10	38	50	36	46	24	16	8	3
24	15	18	13	10	35	46	36	48	163	16	7	2
25	16	17	10	11	33	42	38	126	663	15	6	2
26	14	15	13	11	48	42	39	57	176	13	6	2
27	16	13	15	11	44	39	38	44	50	75	5	2
28	15	11	14	14	80	39	36	38	35	42	5	2
29	15	11	15	16	....	38	60	38	30	23	4	2
30	15	9	15	18	....	38	526	36	26	18	4	2
31	14	....	16	18	....	38	....	34	....	15	4	....
Mean	16	16	14	16	38	86	60	98	77	33	10	4
Max.	28	21	25	21	80	198	526	520	663	191	17	8
Min.	12	9	7	10	13	38	36	34	23	13	4	2
A.F.	968	944	888	996	2110	5310	3560	6050	4570	2010	640	222

Total acre-feet 28270

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK NEAR MAYWOOD
Sec. 21-8-29 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	23	23	26	29	35	28	29	19	11	11	13
2	16	23	24	29	28	32	27	26	26	11	11	13
3	16	23	25	34	29	29	26	27	25	11	12	13
4	17	23	25	25	29	28	25	28	25	10	14	12
5	17	24	25	27	30	33	25	28	21	10	14	13
6	17	24	25	27	28	33	24	26	21	10	15	13
7	18	24	26	24	27	30	27	25	22	12	17	14
8	19	24	25	26	27	29	37	24	23	16	15	14
9	20	24	26	28	27	29	36	23	23	21	14	14
10	20	24	26	30	26	28	33	25	22	18	15	14
11	21	24	26	32	25	28	30	28	20	18	16	13
12	21	25	26	32	26	28	29	24	18	22	15	13
13	21	26	25	33	26	31	28	22	17	21	14	13
14	22	26	25	32	26	38	26	22	16	18	14	13
15	24	26	22	26	25	33	27	22	15	15	14	13
16	24	26	23	25	25	29	24	25	14	14	15	13
17	24	28	23	26	26	28	24	25	13	13	16	13
18	23	28	23	28	25	29	25	25	13	13	16	14
91	23	27	22	30	25	27	26	24	12	14	16	14
20	23	26	22	31	20	26	26	23	12	14	21	14
21	23	26	23	31	19	25	25	22	13	14	19	14
22	23	28	24	30	22	24	25	21	14	14	17	14
23	23	28	21	29	24	24	25	20	14	14	16	15
24	23	28	21	29	26	24	27	20	13	13	18	15
25	23	25	24	30	28	24	28	19	12	13	19	15
26	23	24	25	30	30	24	24	19	12	12	17	15
27	22	20	21	32	35	24	23	18	12	12	15	15
28	22	23	19	30	35	24	23	21	12	12	14	15
29	22	22	21	29	....	25	28	24	12	11	14	15
30	23	22	22	29	....	25	35	23	11	11	13	15
31	23	....	24	29	....	27	....	21	....	11	14	....
Mean	21	25	24	29	27	28	27	24	17	14	15	14
Max.	24	28	26	34	35	38	37	29	26	22	21	15
Min.	16	20	19	24	19	24	23	18	11	10	11	12
A.F.	1290	1480	1450	1780	1480	1730	1620	1450	996	853	934	821

Total acre-feet 15880

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK ABOVE HARRY STRUNK LAKE (Formerly Medicine Creek Reservoir)
Sec. 12-6-27 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	37	53	49	58	63	79	64	66	47	30	26	27
2	37	52	47	55	62	75	65	59	58	30	62	27
3	37	52	52	52	60	72	63	58	57	29	127	27
4	38	52	55	64	62	71	63	57	57	28	34	27
5	38	52	56	63	62	68	62	59	59	28	33	28
6	39	53	57	62	62	72	62	58	52	29	35	28
7	39	53	56	52	62	71	66	56	51	30	70	28
8	42	54	68	76	60	68	73	53	50	37	37	29
9	43	54	67	76	62	67	82	53	49	39	32	29
10	44	54	66	71	62	67	73	65	49	38	30	29
11	45	53	58	67	62	66	71	63	47	40	191	29
12	46	53	59	67	61	66	67	63	44	571	63	29
13	47	53	56	64	60	66	64	57	41	94	37	29
14	48	53	44	66	59	78	62	55	39	49	32	28
15	48	53	51	53	60	75	57	55	38	42	31	28
16	49	53	54	51	59	68	56	84	37	37	32	28
17	50	56	56	51	59	66	55	73	36	36	32	28
18	49	55	55	56	59	64	54	63	34	35	32	29
19	50	55	60	64	53	65	54	59	34	35	32	29
20	49	54	58	76	41	65	54	56	34	36	49	29
21	48	54	59	79	46	64	55	54	34	36	44	29
22	48	55	62	70	56	62	55	51	37	34	37	29
23	49	56	52	65	52	60	54	50	35	34	59	29
24	50	56	40	67	61	59	58	49	34	33	44	30
25	51	49	40	67	90	59	56	48	32	32	38	30
26	51	40	47	68	106	59	54	47	32	30	37	30
27	51	35	49	68	78	59	53	47	32	29	32	30
28	51	38	48	67	75	59	53	55	32	28	30	31
29	51	35	58	64	....	60	59	55	30	27	29	30
30	53	44	51	64	....	62	66	54	30	27	29	29
31	52	....	48	63	....	63	....	51	....	26	28	....
Mean	46	51	54	64	63	66	61	57	41	52	46	29
Max.	53	56	68	79	106	79	82	84	59	571	191	31
Min.	37	35	40	51	41	59	53	47	30	26	26	27
A.F.	2840	3030	3330	3940	3480	4080	3630	3520	2460	3230	2820	1710

Total acre-feet 38070

HARRY STRUNK LAKE (Formerly Medicine Creek Reservoir)
Storage in Acre-Feet—Sec. 24-5-26 W.
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	37580	37660	39140	39490	38870	38010	38010	37925	37660	36160	33880	28590
2	37490	37840	39140	39490	38870	38010	38010	37840	37660	35990	33570	28380
3	37490	37840	39230	39490	38785	38095	37925	37840	37660	35990	33250	28235
4	37490	37925	39315	39490	38785	38095	37925	37840	37660	35660	33020	28020
5	37490	37925	39315	39490	38700	38095	37925	37840	37660	35660	32630	27880
6	37330	37840	39490	39490	38700	38180	37840	37840	37660	35415	32320	27740
7	37240	37840	39490	39490	38700	38180	37840	37840	37660	35250	32080	27530
8	37330	37925	39580	39490	38520	38095	37840	37840	37660	35250	31780	27320
9	37330	37840	39580	39490	38435	38095	37925	37840	37660	35170	31550	27180
10	37330	37840	39670	39490	38265	38095	38010	37840	37660	35010	31240	27040
11	37330	37840	39760	39400	38265	38095	37925	37840	37575	35010	31015	26900
12	37330	37840	39940	39400	38265	38095	37840	37840	37575	35170	31015	26760
13	37330	37925	39850	39400	38265	38095	37840	37840	37575	35660	30940	26630
14	37410	38095	39760	39400	38350	38265	37840	37840	37490	35745	30715	26560
15	37330	38095	39670	39400	38350	38180	38265	37840	37490	35745	30565	26490
16	37330	38180	39670	39400	38265	38180	37925	37750	37490	35660	30490	26350
17	37330	38265	39760	39315	38265	38180	37925	37750	37330	35660	30340	26280
18	37330	38180	39670	39320	38095	38095	37840	37660	37330	35830	30200	26220
19	37330	38350	39670	39315	38350	38095	37925	37660	37330	35830	30125	26220
20	37330	38350	39670	39400	38265	38180	37840	37750	37330	35830	29975	26150
21	37330	38520	39580	39400	38180	38180	37840	37750	37160	35940	29900	26080
22	37330	38520	39580	39400	38010	38100	37840	37660	37160	35830	29820	26080
23	37410	38700	39580	39400	38010	38100	37925	37660	36990	35660	29680	26010
24	37410	38700	39580	39315	38010	38100	37925	37660	36820	35580	29610	25940
25	37490	38785	39490	39230	38010	38100	37925	37660	36820	35580	29610	25940
26	37490	38870	39400	39230	37925	38010	37925	37660	36650	35500	29460	25875
27	37490	38700	39400	39230	38010	38010	37925	37660	36490	35500	29320	25880
28	37575	38700	39400	39050	38010	38010	37925	37660	36490	35090	29170	25810
29	37575	38870	39400	39050	.....	38095	37925	37660	36490	34930	29095	25810
30	37660	38960	39400	39050	.....	37925	37840	37660	36320	34760	28950	25670
31	37660	.....	39400	39050	.....	37925	.....	37660	.....	34040	28810	.....

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK BELOW HARRY STRUNK LAKE (Formerly Medicine Creek Reservoir)
Sec. 25-5-26 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	26	24	59	85	67	67	57	55	37	197	117
2	14	26	24	59	88	67	65	57	57	45	197	123
3	16	26	24	59	88	67	65	57	57	55	197	133
4	26	26	26	59	88	67	65	57	57	59	188	126
5	26	26	26	59	88	67	61	57	57	63	191	117
6	26	26	26	59	88	67	59	57	57	77	191	117
7	26	26	27	59	88	67	59	57	57	91	182	120
8	26	26	28	59	88	67	59	57	57	94	179	117
9	26	26	30	57	79	67	59	57	57	90	173	102
10	26	26	30	57	72	67	59	57	59	77	164	91
11	26	22	32	57	72	67	59	57	59	65	151	79
12	26	2	51	59	72	67	59	59	59	40	117	69
13	26	0	61	59	69	67	57	59	61	40	120	67
14	26	8	61	59	67	67	57	59	61	40	106	69
15	26	24	61	61	67	67	57	59	61	35	74	72
16	26	24	59	63	67	67	57	61	61	33	74	59
17	26	2	59	63	67	67	57	61	61	33	82	53
18	26	1	59	63	69	67	57	61	61	33	99	47
19	26	1	59	63	69	67	57	61	59	32	99	43
20	26	1	59	63	69	67	57	61	59	32	102	43
21	26	14	59	65	67	67	57	59	59	32	99	43
22	26	24	59	74	67	67	57	59	59	32	88	43
23	26	24	59	82	67	67	57	59	59	38	88	43
24	26	24	59	85	67	64	57	59	59	57	88	43
25	26	27	59	85	67	67	57	59	59	77	91	43
26	26	26	59	85	67	65	57	59	53	94	91	43
27	26	24	59	85	67	65	57	59	47	102	91	43
28	26	24	59	85	67	67	57	56	47	111	91	43
29	26	24	59	82	....	67	57	59	42	126	99	43
30	26	26	59	82	....	67	57	59	38	167	108	43
31	26	....	59	85	....	67		55		197	111	
Mean	25	19	48	68	74	67	59	58	56	68	127	73
Max.	26	27	61	85	88	67	67	61	61	197	197	133
Min.	14	0	24	57	67	64	57	55	38	32	74	43
A.F.	1530	1150	2930	4150	4120	4110	3490	3590	3360	4170	7790	4350

Total acre-feet 44740

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK NEAR CAMBRIDGE
Sec. 19-4-25 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	28	20	84	88	78	70	60	60	34	182	104
2	14	27	20	64	88	75	70	61	70	36	186	113
3	16	26	23	69	88	71	69	61	61	47	186	122
4	24	27	24	66	88	70	69	60	61	52	180	119
5	24	27	27	66	88	67	68	60	61	55	178	107
6	24	28	35	66	88	67	64	60	61	67	180	109
7	24	28	37	65	88	67	66	60	61	78	168	109
8	26	28	36	64	88	67	66	60	61	88	167	109
9	25	28	35	64	85	67	66	59	61	86	163	99
10	27	28	35	63	79	67	64	60	62	75	156	89
11	26	28	36	64	78	67	64	59	61	79	144	79
12	26	11	46	63	77	67	64	59	61	44	120	74
13	27	5	56	63	75	70	63	59	61	42	114	69
14	29	5	65	64	73	73	63	58	61	41	112	69
15	29	23	63	64	73	70	63	58	62	38	77	74
16	29	26	63	64	72	69	63	58	61	33	75	64
17	29	15	63	60	74	69	63	59	61	32	74	58
18	29	4	66	66	73	69	61	59	61	31	96	53
19	29	3	63	69	72	69	59	59	60	31	93	47
20	29	2	62	68	65	69	59	59	60	31	96	45
21	30	7	63	69	60	69	59	58	60	31	93	44
22	30	28	64	74	62	69	56	58	61	31	82	43
23	30	28	39	81	68	69	60	58	60	36	84	42
24	29	28	22	86	75	67	58	58	60	49	82	42
25	29	24	16	87	80	68	58	58	58	72	81	42
26	29	17	22	87	77	69	59	57	57	84	80	42
27	29	12	30	88	75	69	58	80	48	99	82	42
28	30	13	41	88	75	69	59	404	46	103	80	42
29	29	15	54	88	....	69	61	69	42	116	85	41
30	28	17	68	88	....	69	60	64	34	143	97	41
31	28		79	88	....	71		62		190	96	
Mean	26	20	44	72	78	69	63	71	58	64	119	71
Max.	30	28	79	88	88	78	70	404	70	190	186	122
Min.	12	2	16	60	60	67	56	57	34	31	74	41
A F.	1620	1160	2720	4440	4310	4260	3730	4390	3480	3920	7320	4230

Total acre-feet 45580

DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR MELBETA—Sec. 13-21-54 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	2	2	7	4	14
2	2	2	7	4	13
3	2	1	12	22	21
4	2	1	17	11	12
5	2	1	13	25	9
6	2	2	14	17	11
7	2	78	10	16	35
8	2	4	6	1	19
9	2	3	8	9	12
10	2	4	5	19	15
11	2	4	9	16	9
12	2	6	12	9	20
13	2	3	10	8	22
14	2	4	6	19	21
15	2	4	4	16	10
16	2	4	2	23	15
17	2	5	8	22	16
18	3	6	9	21	57
19	3	5	7	23	130
20	2	16	6	6	130
21	3	3	5	13	130
22	2	9	4	15	130
23	7	4	1	18	130
24	1	21	2	25	130
25	1	14	3	7	127
26	1	12	3	26	130
27	1	12	5	23	92
28	1	7	4	19	88
29	2	10	4	15	89
30	2	4	4	21	86
31	6		4	19	....
Mean	2	8	7	16	57
Max.	7	78	17	26	130
Min.	1	1	1	1	9
A.F.	140	500	420	980	3420

DISCHARGE IN SECOND-FEET OF MINNECHADUZA CREEK NEAR VALENTINE—Sec. 23-34-29 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	32	23	26	42	22	36	122	31	35	35	15
2	12	17	26	29	49	37	50	181	30	14	35	13
3	7	42	19	27	47	24	46	198	33	23	31	17
4	8	6	28	33	58	38	52	172	35	22	27	16
5	4	8	26	33	57	36	46	142	30	28	25	16
6	11	41	26	25	64	38	49	105	29	22	22	12
7	11	25	23	15	59	38	60	94	26	16	23	19
8	27	22	36	34	55	40	66	76	54	24	22	14
9	13	32	27	32	59	47	72	60	33	21	22	10
10	30	30	30	35	28	67	78	64	39	24	8	21
11	16	24	28	37	26	76	71	48	42	16	29	13
12	11	26	27	39	44	89	67	45	30	24	23	16
13	22	21	17	35	47	139	69	47	35	28	21	11
14	27	21	18	34	52	290	48	48	20	15	17	18
15	29	34	29	14	36	196	65	39	39	21	22	16
16	12	34	27	13	24	145	54	52	37	23	24	14
17	22	27	30	27	49	132	44	52	36	28	25	14
18	12	30	28	28	42	100	54	57	26	34	17	15
19	34	33	27	33	24	105	50	69	30	29	30	15
20	21	29	27	28	6	105	60	68	42	32	24	12
21	20	26	28	34	4	94	48	54	54	26	18	13
22	25	37	33	38	4	65	44	54	63	32	19	21
23	20	29	13	35	7	68	67	50	60	23	16	15
24	23	12	29	32	12	60	48	57	41	28	23	16
25	22	34	19	38	9	54	50	40	36	28	25	17
26	10	20	24	35	38	48	83	50	24	29	17	16
27	27	16	30	38	34	44	47	35	27	24	13	15
28	23	33	23	34	32	41	36	42	24	19	22	20
29	23	19	33	42	....	44	78	36	31	31	13	17
30	20	25	27	41	....	44	104	33	17	35	21	13
31	27	....	32	46	....	36	....	29	....	31	20	....
Mean	19	26	26	32	36	76	58	72	35	25	22	15
Max.	34	42	36	46	64	290	104	198	63	35	35	21
Min.	4	6	13	13	4	22	36	29	17	14	8	10
A.F.	1150	1560	1610	1960	2000	4680	3460	4400	2090	1560	1370	912

Total acre-feet 26750

DISCHARGE IN SECOND-FEET OF MITCHELL CREEK ABOVE HARRY STRUNK LAKE (Formerly Medicine Creek Reservoir)
Sec. 22-6-26 W.—Water Year Ending September 30, 1953

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	19	0
8	0	0	0	0	0	0	0	0	0	0	2	0
9	0	0	0	0	0	0	0	0	0	0	1	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	3	0
13	0	0	0	0	0	0	0	0	0	25	0	0
14	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	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	0	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
30	0	0	0	0	..	0	0	0	0	0	0	0
31	0	..	0	0	..	0	..	0	..	0	0	..
Mean	0	0	0	0	0	0	0	0	0	1	1	0
Max.	0	0	0	0	0	0	0	0	0	25	19	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	0	0	0	51	49	0

Total acre-feet 101

DISCHARGE IN SECOND-FEET OF MUD CREEK NEAR BROKEN BOW
Sec. 11-16-20 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	2	1	1	1	2	1	1	1	.3
2	0	1	1	1	1	1	2	2	2	1	1	.3
3	0	1	1	1	1	1	1	3	1	1	13	.4
4	0	1	1	1	1	1	1	2	1	1	2	.3
5	0	1	1	1	1	1	1	2	1	1	2	.3
6	0	1	1	1	1	1	1	2	1	1	1	.2
7	1	1	1	1	1	1	1	1	56	1	1	.2
8	1	1	1	1	1	1	2	1	6	1	1	.2
9	1	1	1	1	1	1	1	1	1	1	1	.2
10	1	1	1	1	1	2	1	4	1	1	1	.2
11	1	1	1	2	1	2	1	2	1	1	7	.2
12	1	1	1	1	1	2	1	1	1	1	2	.2
13	1	1	1	1	1	2	1	1	1	1	1	.2
14	1	1	1	1	1	9	1	1	1	1	1	.1
15	1	1	1	0	1	2	2	1	1	1	1	.1
16	1	1	1	0	1	1	1	1	1	1	1	.1
17	1	1	1	0	1	1	1	1	1	1	1	.1
18	1	1	1	1	1	1	1	1	1	1	1	.1
19	1	1	1	1	1	1	1	1	1	1	1	.1
20	1	1	1	1	1	1	1	1	1	1	1	.1
21	1	1	1	1	1	1	1	1	1	1	1	.1
22	1	1	1	1	1	1	2	1	1	1	0	.1
23	1	1	1	1	1	1	1	1	1	2	0	.1
24	1	1	1	1	1	1	2	1	1	2	0	.1
25	1	1	1	1	1	1	2	1	1	1	0	.1
26	1	1	1	1	1	1	2	1	1	1	0	.1
27	1	1	1	1	1	1	1	4	1	1	0	.2
28	1	1	1	1	1	1	2	3	1	1	0	.1
29	1	1	1	1	..	1	3	1	1	1	0	.1
30	1	1	2	1	..	1	2	1	1	1	0	.2
31	1	..	2	1	..	1	..	1	..	1	0	..
Mean	1	1	1	1	1	2	2	2	3	1	1	.2
Max.	1	1	2	2	1	9	3	4	56	2	13	.4
Min.	0	1	1	0	1	1	1	1	1	1	0	.1
A.F.	36	38	53	59	47	93	87	96	169	44	78	10.0

Total acre-feet 810

DISCHARGE IN SECOND-FEET OF MUD CREEK NEAR SWEETWATER
Sec. 3-12-15 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	20	20	23	28	20	30	30	29	17	5	3
2	12	19	21	23	26	15	30	32	27	18	4	7
3	13	20	22	25	25	18	31	33	26	22	3	14
4	13	20	21	27	23	20	31	32	25	24	1	12
5	13	19	22	26	25	26	30	31	24	17	2	12
6	14	20	22	29	20	28	30	32	24	17	3	11
7	14	20	22	28	18	31	29	32	38	17	4	11
8	15	19	22	23	19	34	30	30	45	16	6	11
9	16	19	22	22	21	40	31	30	600	17	5	11
10	16	22	23	28	19	42	31	241	200	19	6	11
11	16	22	21	31	13	46	30	60	70	19	9	10
12	16	22	20	29	15	48	29	31	60	18	20	10
13	16	22	19	30	18	46	28	27	52	40	16	10
14	16	21	17	31	22	50	28	28	45	24	12	10
15	16	21	20	28	20	47	29	25	38	15	11	10
16	17	21	21	22	16	44	29	24	35	14	10	10
17	17	22	22	17	15	47	29	24	31	12	10	9
18	18	22	21	18	18	40	28	23	28	11	9	9
19	17	23	21	23	21	37	29	23	26	12	8	8
20	18	23	20	27	16	37	28	22	23	11	9	8
21	17	22	19	28	18	36	28	22	21	11	10	9
22	18	24	19	27	20	35	28	21	19	10	9	9
23	19	23	23	23	18	33	28	20	19	10	9	9
24	19	23	19	28	20	31	28	20	19	10	8	9
25	19	25	23	27	28	31	27	20	19	10	7	10
26	20	28	23	27	25	30	26	19	19	10	6	10
27	20	22	20	29	27	30	27	577	21	112	5	9
28	19	20	23	32	28	30	26	179	19	13	5	10
29	20	20	22	33	....	30	28	72	18	9	4	10
30	19	19	23	31	....	30	30	38	19	6	4	10
31	20	....	24	30	....	30	....	32	....	6	5	....
Mean	17	21	21	27	21	34	29	59	55	18	7	10
Max.	20	28	24	33	28	50	31	577	600	112	20	14
Min.	12	19	17	17	13	15	26	19	18	6	1	3
A.F.	1020	1280	1300	1640	1150	2110	1720	3630	3250	1120	445	580

Total acre-feet 19240

DISCHARGE IN SECOND-FEET OF MUDDY CREEK NEAR ARAPAHOE
Sec. 22-4-23 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	5	5	6	7	12	7	8	9	1	0	0
2	2	5	5	7	7	15	7	7	24	1	0	0
3	2	4	6	7	7	11	7	6	23	1	1	0
4	2	4	6	7	7	9	6	6	12	0	2	1
5	2	5	6	7	7	9	6	6	10	0	2	1
6	2	5	5	7	8	8	6	7	9	0	4	0
7	2	5	5	6	8	8	7	6	8	2	69	0
8	2	5	5	5	8	7	9	7	8	3	17	0
9	3	5	5	6	7	7	10	8	7	3	10	0
10	3	4	5	6	7	7	9	8	6	5	5	0
11	3	5	5	6	7	7	8	11	6	7	4	0
12	3	5	5	6	7	7	7	11	5	11	2	7
13	3	5	5	6	8	8	6	9	5	6	2	1
14	3	5	5	6	8	10	6	10	5	4	2	1
15	3	5	6	2	8	10	6	6	8	3	2	1
16	4	5	6	1	7	10	6	6	7	3	2	0
17	3	6	6	2	7	7	6	7	5	2	2	0
18	4	5	5	2	8	7	6	9	4	2	2	1
19	4	5	6	3	7	7	6	7	3	3	2	1
20	4	6	7	4	6	6	5	6	3	4	2	1
21	4	6	6	5	5	7	5	6	2	4	2	0
22	4	5	6	6	7	7	6	6	2	2	2	0
23	4	6	6	7	14	6	6	5	2	1	1	1
24	4	6	5	6	11	6	6	5	2	0	0	1
25	4	5	4	8	13	6	6	5	2	0	0	2
26	4	4	4	7	11	5	6	5	2	1	0	1
27	4	4	4	8	10	6	6	5	1	0	0	1
28	4	3	4	7	9	6	5	429	1	0	0	1
29	4	4	5	7	..	5	7	130	1	0	0	2
30	5	4	5	8	..	6	10	22	1	0	0	2
31	4		6	7	..	6	....	12		0	0	
Mean	3	5	5	6	8	8	6	25	6	2	4	1
Max.	5	6	7	8	14	15	10	429	24	11	69	7
Min.	2	3	4	1	5	5	5	5	1	0	0	0
A.F.	197	286	324	350	447	467	389	1550	361	142	272	56

Total acre-feet 4840

DISCHARGE IN SECOND-FEET OF MUDDY CREEK NEAR VERDON
Sec. 15-2-15 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25	19	95	55	88	61	136	80	34	13	13	12
2	25	27	98	60	65	50	73	51	31	13	12	12
3	25	23	105	60	59	44	78	48	31	14	134	24
4	25	24	130	60	65	46	73	48	32	13	80	21
5	25	24	150	50	184	59	62	111	81	16	27	15
6	25	25	180	50	156	64	68	210	40	45	108	14
7	25	27	150	49	66	67	74	77	35	35	94	13
8	25	24	132	50	68	76	79	54	173	19	22	12
9	25	27	131	50	72	149	77	50	42	15	19	12
10	25	24	104	50	65	134	66	50	31	16	18	12
11	25	25	94	51	65	67	65	47	24	15	18	12
12	25	28	88	55	52	58	66	41	23	16	17	12
13	25	30	88	66	59	50	64	45	21	16	16	12
14	27	27	90	63	59	453	64	43	19	27	16	12
15	28	25	100	49	59	125	70	43	17	21	16	11
16	21	506	115	49	56	74	58	41	16	19	16	11
17	13	508	105	48	54	71	58	70	16	18	14	11
18	21	62	90	50	59	65	53	70	16	18	16	11
19	19	32	80	49	62	58	51	66	15	17	14	10
20	12	28	75	48	54	53	48	44	14	39	13	11
21	10	29	70	52	56	53	54	46	16	24	14	10
22	10	28	72	85	60	53	50	43	14	17	13	11
23	8	29	80	80	66	59	47	41	14	16	13	11
24	9	41	72	70	50	56	65	36	14	15	13	11
25	14	87	65	65	54	55	77	37	15	14	12	11
26	10	80	60	80	54	54	50	35	14	15	12	11
27	10	70	68	90	52	55	45	82	14	14	12	10
28	9	65	65	110	50	55	46	68	14	14	12	10
29	14	80	65	115	....	58	77	45	13	14	12	10
30	19	90	65	126	....	88	151	41	13	13	12	10
31	22	....	55	118	....	121	....	41	....	14	12	....
Mean	19	70	95	66	68	82	68	58	28	18	26	12
Max.	28	508	180	126	184	453	151	210	173	45	134	24
Min.	8	19	55	48	50	44	45	35	13	13	12	10
A.F.	1190	4190	5830	4070	3790	5020	4060	3580	1690	1140	1630	724

Total acre-feet 36910

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER NEAR FALLS CITY
Sec. 22-1-16 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	124	118	240	187	590	238	1120	1030	202	66	45	29
2	108	116	300	189	526	244	520	702	172	63	40	28
3	108	103	350	184	470	225	562	411	160	57	72	410
4	108	122	400	177	408	175	439	337	148	60	478	125
5	103	118	430	174	576	295	386	366	168	54	474	63
6	101	114	445	187	814	325	346	678	202	60	544	54
7	105	118	450	195	645	358	319	621	188	65	1270	48
8	110	116	534	184	548	362	334	366	534	61	540	42
9	114	120	492	177	408	596	362	337	742	69	340	39
10	108	118	455	163	414	925	328	304	432	56	148	39
11	118	118	428	150	439	830	310	271	222	53	106	36
12	129	114	432	132	383	544	301	247	160	52	92	36
13	129	120	310	150	346	428	301	230	135	62	80	33
14	129	124	310	177	319	902	310	220	122	52	88	33
15	124	129	335	200	277	1560	280	218	114	148	72	33
16	122	126	350	204	271	893	241	244	112	95	57	32
17	116	1080	330	218	225	540	238	271	101	162	52	31
18	108	880	295	215	235	442	230	253	92	110	49	32
19	144	369	298	215	259	394	220	301	90	90	49	30
20	126	247	316	224	286	349	220	301	80	172	48	30
21	116	185	242	219	310	340	212	274	76	512	47	30
22	120	162	175	256	495	328	215	235	69	235	46	30
23	122	155	142	339	750	310	212	208	65	144	45	30
24	124	155	166	431	280	295	225	195	62	116	42	31
25	120	190	175	510	262	259	301	202	79	82	38	40
26	120	170	194	652	253	235	283	188	85	67	38	34
27	106	150	202	674	235	238	232	292	178	56	36	32
28	118	140	212	670	225	247	220	899	124	52	33	31
29	114	160	213	659	.....	319	230	642	101	49	30	30
30	114	195	197	645	....	372	562	380	70	47	30	31
31	118	....	191	632	....	390	....	256	....	46	29	....
Mean	117	204	310	303	402	450	335	370	170	97	163	51
Max.	144	1080	534	674	814	1560	1120	1030	742	512	1270	410
Min.	101	103	142	132	225	175	212	188	62	46	29	28
A.F.	7190	12160	19060	18620	22310	27690	19950	22770	10090	5980	10030	3020

Total acre-feet 178870

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER, LITTLE, NEAR SYRACUSE—Sec. 27-8-11 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	23	21	16	27	227	35	34	96	10	5	1	1
2	16	22	24	28	148	30	34	50	9	5	2	4
3	23	21	67	28	119	40	37	35	9	5	3	6
4	22	21	74	28	120	46	36	35	11	10	4	1
5	22	22	82	29	156	51	30	37	15	6	6	1
6	22	22	86	29	106	57	29	37	19	5	14	1
7	23	22	82	28	88	47	29	35	22	5	12	2
8	23	22	79	27	95	49	29	31	114	5	8	1
9	23	23	68	28	87	49	30	32	55	5	4	1
10	23	22	65	28	110	52	35	38	20	5	4	2
11	22	23	59	28	76	42	35	45	11	5	17	1
12	21	23	52	29	58	41	31	43	11	5	4	1
13	20	23	52	30	53	36	30	30	10	5	3	1
14	19	23	75	25	64	40	29	28	9	7	2	1
15	19	23	60	21	49	41	30	26	9	40	2	1
16	19	23	57	23	49	36	29	24	8	6	2	1
17	19	33	58	23	43	34	28	24	7	6	2	1
18	20	33	54	24	49	34	28	38	6	5	1	1
19	20	25	41	26	53	31	27	42	5	14	2	1
20	20	21	36	28	58	30	27	21	5	14	2	1
21	20	19	24	30	50	31	24	21	37	14	2	1
22	20	19	32	31	55	30	23	20	16	7	2	1
23	21	19	29	32	68	33	22	19	6	3	2	1
24	21	20	27	32	49	30	30	19	6	3	2	1
25	21	20	26	30	43	28	63	16	5	3	0	2
26	23	5	25	56	41	27	37	17	6	3	1	1
27	23	5	25	98	38	27	30	20	5	3	1	1
28	16	4	26	136	38	27	27	81	5	3	2	1
29	17	6	26	170	....	28	33	14	6	3	1	1
30	18	10	27	200	....	29	240	11	5	2	2	1
31	20	....	27	250	....	31	....	10	....	1	1	....
Mean	21	20	48	52	78	37	38	32	15	7	4	1
Max.	23	33	86	250	227	57	240	96	114	40	17	6
Min.	16	4	16	21	38	27	22	10	5	1	0	1
A.F.	1270	1180	2940	3180	4340	2270	2270	1970	912	410	216	86

Total acre-feet 21040

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER, LITTLE, NEAR AUBURN
Sec. 23-5-14 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	96	104	70	110	441	152	180	436	82	44	29	25
2	90	104	105	100	276	121	162	210	79	41	31	24
3	93	104	130	115	269	151	170	186	79	58	87	49
4	92	102	160	109	274	186	162	172	94	72	77	49
5	92	102	195	113	412	219	147	172	168	80	52	38
6	92	102	195	115	395	219	140	184	128	63	190	35
7	96	105	223	106	288	197	136	160	111	53	353	30
8	102	104	223	112	278	182	154	138	503	52	92	30
9	104	107	239	107	288	246	149	124	329	50	71	30
10	104	102	241	106	328	293	143	118	136	48	56	28
11	105	108	226	100	312	223	145	123	100	48	138	28
12	105	108	215	112	210	189	140	118	87	51	140	26
13	104	113	149	108	172	168	131	111	84	75	61	26
14	105	110	211	118	215	264	133	113	79	93	51	25
15	104	105	233	105	193	269	135	111	73	108	48	24
16	102	111	159	90	140	193	128	113	68	67	44	24
17	99	306	173	100	120	168	121	145	67	57	40	25
18	100	223	148	110	193	164	121	176	62	51	42	24
19	104	149	123	120	197	149	116	140	58	46	42	26
20	102	118	122	130	195	145	116	118	56	100	42	25
21	99	115	118	133	130	149	119	111	51	98	40	22
22	105	115	90	140	160	142	119	102	56	63	37	24
23	107	115	95	140	197	147	115	96	56	50	36	24
24	111	113	83	140	206	138	123	93	53	43	34	26
25	108	110	95	135	186	131	143	90	56	38	32	24
26	107	23	92	167	168	131	178	84	53	36	30	27
27	108	20	107	200	156	131	133	135	51	35	25	27
28	108	20	107	240	149	128	121	259	49	33	28	26
29	102	25	113	280	....	128	136	156	68	31	26	22
30	104	45	118	398	.....	142	431	105	50	31	26	21
31	104	....	110	498	....	156	....	90	....	30	26	....
Mean	102	106	151	150	234	175	148	145	100	56	65	28
Max.	111	306	241	498	441	293	431	436	503	108	353	49
Min.	90	20	70	90	120	121	115	84	49	30	25	21
A.F.	6260	6320	9260	9240	12990	10750	8820	8900	5920	3460	4020	1650

Total acre-feet 87590

DISCHARGE IN SECOND FEET OF NEMAHA RIVER, NORTH FORK, NEAR HUMBOLDT—Sec. 10-2-13 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	50	47	110	74	208	94	239	197	64	31	23	19
2	45	48	125	74	204	84	133	115	63	31	26	18
3	45	50	145	73	192	79	194	113	61	29	364	61
4	45	45	160	72	172	75	135	109	58	30	270	42
5	45	54	165	74	292	113	113	169	86	35	77	28
6	45	54	175	79	245	174	96	266	96	38	651	23
7	45	54	185	68	143	169	113	135	77	32	472	23
8	45	50	195	58	189	190	140	111	596	34	117	22
9	45	53	208	70	234	211	135	96	285	34	40	21
10	45	54	218	69	250	222	113	96	96	30	36	19
11	45	56	164	70	186	208	109	98	64	30	36	20
12	45	53	166	73	159	174	100	90	51	32	248	19
13	45	54	167	82	123	145	96	81	47	34	77	19
14	45	54	123	85	97	706	94	79	45	75	42	18
15	47	53	118	87	100	350	98	82	45	66	32	20
16	51	59	116	88	100	149	90	82	42	82	30	19
17	40	507	110	85	100	135	88	214	40	45	25	18
18	40	120	93	83	96	122	84	192	39	31	24	18
19	45	71	87	80	92	111	81	115	31	29	23	17
20	15	66	85	80	85	111	77	98	32	82	25	16
21	48	63	82	69	80	111	84	90	34	124	23	16
22	64	61	79	74	90	105	84	81	38	68	23	16
23	48	60	77	80	122	100	81	75	36	48	23	16
24	44	58	79	95	102	86	96	75	38	34	23	17
25	42	82	78	116	102	70	107	75	42	30	23	18
26	40	84	76	141	94	84	111	75	38	31	21	16
27	36	80	71	165	94	88	88	414	38	26	19	16
28	35	75	72	175	92	86	84	485	45	23	19	16
29	40	81	72	182	....	86	133	199	34	24	19	15
30	44	88	72	197	....	131	451	88	34	24	18	15
31	53		71	210	....	524		82		24	17	
Mean	44	78	121	98	144	164	122	138	76	42	92	21
Max.	64	507	218	210	292	706	451	485	596	124	651	61
Min.	15	45	71	58	80	70	77	75	31	23	17	15
A.F.	2710	4630	7430	6010	8020	10100	7230	8480	4550	2550	5680	1230

Total acre-feet 68620

DISCHARGE IN SECOND-FEET OF NEW YORK CREEK NEAR HERMAN
Sec. 32-20-11 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	4	4	2	4	6	7	8	5	2	2	1
2	2	4	3	3	4	8	7	8	5	2	2	1
3	2	4	3	3	4	8	8	9	5	2	2	2
4	2	4	3	3	4	5	6	8	4	2	2	1
5	2	4	3	3	4	8	6	7	4	2	2	1
6	2	3	3	3	4	6	6	7	4	2	2	1
7	3	3	3	3	3	6	6	6	5	2	3	1
8	3	4	4	3	3	8	6	6	8	2	2	1
9	3	4	3	3	3	12	8	6	5	2	2	1
10	3	3	2	2	4	13	7	6	4	2	2	1
11	3	4	2	3	4	10	6	6	4	2	2	1
12	3	4	1	3	4	10	6	5	4	3	2	1
13	4	4	1	4	2	9	6	5	4	2	2	1
14	4	4	2	3	3	10	6	6	4	2	2	1
15	4	4	2	2	2	9	7	6	4	2	2	1
16	4	4	2	1	2	8	6	7	4	2	2	1
17	4	6	2	2	4	9	6	7	4	2	2	1
18	4	4	3	2	3	8	6	7	3	2	2	1
19	4	4	3	3	5	7	6	6	3	2	2	1
20	4	3	3	3	5	7	6	6	3	3	2	1
21	4	4	3	3	3	7	6	6	3	3	2	1
22	4	4	3	3	3	8	5	6	4	2	1	1
23	4	3	3	3	8	7	5	6	3	2	1	1
24	4	3	3	3	16	6	7	8	4	2	1	1
25	4	3	2	2	12	6	6	7	5	2	1	1
26	4	2	2	3	10	6	6	6	3	1	1	1
27	4	2	2	3	11	6	6	6	4	2	1	1
28	3	3	2	4	9	5	5	6	3	2	1	1
29	4	4	2	4	..	5	6	5	3	1	1	1
30	4	4	2	4	..	6	12	5	2	2	1	1
31	4		2	4	..	7	....	5		2	1	
Mean	3	4	3	3	5	8	6	6	4	2	2	1
Max.	4	6	4	4	16	13	12	9	8	3	3	2
Min.	2	2	1	1	2	5	5	5	2	1	1	1
A.F.	207	210	159	175	281	468	375	393	240	128	99	58

Total acre-feet 2790

DISCHARGE IN SECOND-FEET OF NINE MILE DRAIN NEAR McGREW
Sec. 23-21-53 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	258	140	133	108	103	98	83	81	95	131	223	175
2	248	133	133	105	103	95	86	82	109	135	238	185
3	241	135	133	108	103	93	85	84	113	138	201	176
4	222	137	129	108	104	93	85	83	119	127	197	188
5	216	137	129	108	103	99	85	81	123	126	194	193
6	211	137	129	107	101	102	85	79	143	124	188	195
7	208	140	127	107	101	104	87	84	424	122	188	201
8	203	140	121	112	101	97	88	74	324	125	185	199
9	202	140	121	110	100	96	91	75	185	129	194	199
10	202	140	121	107	97	92	90	90	156	142	196	208
11	197	140	121	109	99	89	92	77	152	148	224	211
12	191	140	118	107	97	89	88	72	159	149	184	205
13	178	135	118	103	96	90	86	73	150	148	167	206
14	186	133	118	105	95	91	83	83	182	149	163	208
15	178	135	121	97	94	94	83	91	181	140	187	196
16	174	129	121	102	94	95	85	95	150	153	231	189
17	174	135	120	105	93	95	87	95	150	160	209	189
18	173	127	120	106	92	92	86	97	156	169	206	184
19	172	125	120	109	73	93	83	111	214	173	205	195
20	171	123	123	109	77	92	81	95	181	176	201	190
21	170	131	127	108	92	88	78	91	141	171	191	193
22	168	131	129	107	91	86	77	81	151	169	197	191
23	167	131	129	107	94	84	75	81	154	173	207	189
24	166	131	129	107	95	81	73	88	153	164	200	184
25	164	133	129	107	94	82	73	90	146	166	191	184
26	155	135	129	106	96	81	74	86	142	172	188	185
27	148	137	123	104	97	81	74	92	139	178	181	193
28	146	135	125	102	98	80	74	99	140	183	173	205
29	148	137	116	102	....	81	90	105	136	183	172	247
30	144	135	112	104	....	82	87	99	138	272	176	227
31	140	....	110	103	....	82	....	98	....	224	179	....
Mean	185	135	124	106	96	90	83	88	164	159	195	196
Max.	258	140	133	112	104	104	92	111	424	272	238	247
Min.	140	123	110	97	73	80	73	72	95	122	163	175
A.F.	11350	8010	7600	6520	5320	5550	4950	5380	9730	9760	11970	11680

Total acre-feet 97820

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER ABOVE BOX BUTTE RESERVOIR—Sec. 27-29-50 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	8	28	36	54	31	55	46	6	4	23	8
2	11	8	29	36	55	30	54	48	4	3	24	8
3	11	8	31	38	58	28	52	51	7	4	31	7
4	12	11	34	37	58	25	54	49	6	7	29	7
5	12	15	33	37	58	32	52	46	4	7	27	7
6	13	19	34	34	48	33	52	44	5	6	26	7
7	14	20	35	34	50	36	52	41	18	6	25	8
8	13	25	35	34	55	36	51	38	31	6	19	10
9	12	27	36	34	30	40	49	36	24	6	17	9
10	12	26	34	36	35	49	48	38	13	3	18	8
11	13	27	36	38	35	66	48	39	18	3	20	8
12	14	25	36	43	40	70	48	40	17	15	18	8
13	15	28	37	46	49	91	46	40	17	9	20	8
14	16	26	38	40	48	110	46	41	13	9	22	8
15	15	29	38	25	45	102	46	41	11	9	23	7
16	9	28	38	30	35	93	44	40	8	10	44	7
17	12	30	38	30	45	91	44	40	7	12	33	8
18	14	30	39	32	49	79	45	41	5	9	35	8
18	13	27	39	33	25	72	48	38	8	8	34	10
20	15	30	40	34	25	69	49	32	7	8	34	10
21	15	36	39	37	23	68	49	30	7	8	34	9
22	14	37	40	40	22	65	48	28	3	11	30	9
23	14	32	40	44	21	65	44	30	5	12	26	9
24	14	25	38	47	21	64	38	31	7	13	21	10
25	14	30	35	49	23	63	34	30	7	12	18	8
26	15	20	35	52	25	62	33	28	7	10	16	2
27	15	25	35	55	34	61	33	26	7	10	17	3
28	14	25	35	54	34	60	33	19	8	15	15	4
29	8	27	35	53	....	60	39	13	7	19	12	4
30	10	28	35	52	....	59	45	12	5	21	9	5
31	12	....	35	53	....	56	....	8	....	20	9	....
Mean	13	24	36	40	39	60	46	35	10	10	24	7
Max.	16	37	40	55	58	110	55	51	31	21	44	10
Min.	8	8	28	25	21	25	33	8	3	3	9	2
A.F.	798	1450	2200	2470	2180	3700	2740	2150	581	586	1450	441

Total acre-feet 20750

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET
From Niobrara River—Sec. 28-29-49 W.
Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*9320	.....	.....	.....	.....	19290	.....	.....	.....	22770	.....	10610
2	.....	10560	.....	.....	.....	.....	.....	.....	.....	22290	15200	10550
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15300	10400
4	.....	.....	.....	.....	.....	.....	.....	.....	25740	.....	.....	10300
5	.....	.....	.....	.....	.....	.....	22990	.....	.....	21410	.....	.....
6	.....	.....	.....	.....	17930	.....	.....	.....	.....	.....	15300	10090
7	.....	.....	.....	.....	.....	.....	.....	.....	25370	20700	15230	10030
8	.....	.....	.....	.....	.....	.....	.....	.....	25080	.....	.....	.....
9	.....	.....	13040	.....	.....	.....	.....	.....	.....	19600	15090	.....
10	9680	10920	.....	15340	.....	19800	.....	24930	24900	19520	14780	9780
11	.....	.....	.....	.....	18020	.....	23440	.....	.....	.....	14330	.....
12	.....	11060	.....	.....	.....	.....	.....	24970	.....	19010	14080	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	18590	13630	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	24420	18600	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	17880	.....	9400
16	.....	.....	.....	.....	.....	.....	.....	.....	24070	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	17210	.....	.....
18	.....	.....	.....	16020	.....	21170	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	23980	25390	23870	16890	12250	9050
20	10100	11630	13840	.....	.....	.....	.....	.....	23780	16600	12280	9010
21	.....	.....	.....	.....	.....	.....	.....	.....	23890	16420	12250	8910
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12310	8780
23	.....	.....	.....	.....	19070	21870	.....	.....	23880	15940	12300	8650
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	15780	12210	8470
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11910	8370
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	15470	11710	8230
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	15200	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	23680	15200	.....	8080
29	.....	12240	.....	.....	.....	22320	.....	.....	.....	15080	.....	.....
30	10480	.....	14420	17250	.....	.....	24440	25840	22780	15200	10950	7990
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10740	.....

*600 acre-feet equation due to change in rating curve effective October 1, 1952.
9920 acre-feet = 9320 acre-feet.

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER BELOW BOX BUTTE RESERVOIR—Sec. 28-29-49 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	1	1	1	1	1	1	1	2	86	49	95
2	1	1	1	1	1	1	1	2	1	104	46	83
3	1	1	1	1	1	1	1	2	1	110	40	72
4	1	1	1	1	1	1	1	2	35	110	31	67
5	1	1	1	1	1	1	1	1	49	117	31	63
6	1	1	1	1	2	1	1	1	49	141	32	60
7	1	1	1	1	2	1	1	1	50	157	40	56
8	1	1	1	1	2	1	1	1	58	157	43	51
9	1	1	1	1	2	1	1	1	69	151	51	51
10	1	1	1	1	1	1	1	1	69	141	82	50
11	1	1	1	1	1	1	1	1	69	138	102	48
12	1	1	1	1	1	1	1	1	69	138	113	48
13	1	1	1	1	1	1	1	1	69	144	136	48
14	1	1	1	1	1	1	1	1	69	157	146	48
15	1	1	1	1	1	1	1	1	68	160	146	48
16	1	1	1	1	1	1	1	1	59	168	146	48
17	1	1	1	1	1	1	1	1	54	166	144	47
18	1	1	1	1	1	1	1	1	55	151	144	47
19	1	1	1	1	1	1	1	2	51	151	136	46
20	1	1	1	1	1	1	1	1	24	149	117	44
21	1	1	1	1	1	1	1	2	1	133	95	45
22	1	1	1	1	1	1	1	1	1	128	80	54
23	1	1	1	1	1	1	1	2	1	126	71	62
24	1	1	1	1	1	1	1	2	1	115	75	66
25	2	1	1	1	1	1	1	1	1	102	88	64
26	2	1	1	1	1	1	1	1	1	104	93	60
27	1	1	1	1	1	1	1	1	1	110	99	57
28	1	1	1	1	1	1	1	1	1	99	99	55
29	1	1	1	1	..	1	2	1	26	85	97	45
30	1	1	1	1	..	1	2	1	61	72	101	19
31	1	..	1	1	..	1	..	1	..	57	101	..
Mean	2	1	1	1	1	1	1	1	36	127	90	55
Max.	22	1	1	1	2	1	2	2	69	68	146	95
Min.	1	1	1	1	1	1	1	1	1	57	31	19
A.F.	106	66	58	68	74	77	83	88	2120	7790	5500	3270

Total acre-feet 19300

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR HAY SPRINGS
Sec. 23-29-46 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	19	28	23	42	29	38	44	15	14	36	14
2	33	19	31	22	42	28	48	50	16	15	38	15
3	27	22	30	23	40	28	38	45	18	12	28	15
4	20	23	23	25	40	28	36	40	12	11	19	16
5	18	23	22	26	44	29	31	37	16	11	15	17
6	20	22	21	27	40	39	31	35	19	10	12	16
7	22	20	22	26	38	50	36	34	19	9	13	18
8	20	19	22	26	36	50	36	33	15	12	15	16
9	22	20	23	27	31	55	36	32	14	12	13	13
10	19	22	21	31	30	55	36	31	13	12	12	11
11	19	20	25	34	30	54	36	30	12	12	12	9
12	19	23	24	38	30	48	31	30	12	10	11	11
13	19	25	24	39	28	50	30	30	12	9	11	12
14	25	27	22	25	25	50	33	25	12	9	12	14
15	23	27	24	23	25	50	31	24	12	9	12	13
16	23	30	23	22	23	48	31	23	12	11	16	14
17	20	24	23	20	28	40	30	23	13	15	15	12
18	22	34	22	20	29	34	33	23	12	13	25	11
19	20	40	19	21	28	34	33	23	18	12	30	10
20	22	48	21	22	23	36	31	20	27	12	23	9
21	19	40	23	21	20	38	28	20	24	11	16	9
22	18	40	23	21	21	36	30	16	28	11	13	10
23	19	36	20	21	28	33	30	18	20	11	16	9
24	19	34	21	25	30	33	27	28	18	10	11	9
25	20	30	21	28	29	34	27	24	18	11	11	11
26	22	24	23	31	29	30	27	20	17	11	11	13
27	22	22	22	36	29	30	27	18	15	10	12	13
28	23	19	22	48	30	30	30	17	16	25	12	12
29	23	17	23	55	....	27	33	14	14	263	13	12
30	23	22	23	44	....	27	38	12	12	97	14	12
31	22		23	46		28		14		58	14	
Mean	21	26	23	29	31	38	33	27	16	24	16	13
Max.	33	48	31	55	44	55	48	50	28	263	38	18
Min.	13	17	19	20	20	27	27	12	12	9	11	9
A.F.	1300	1570	1420	1780	1720	2340	1950	1650	954	1480	1010	747

Total acre-feet 17920

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR GORDON
Sec. 26-31-42 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	77	105	87	101	202	114	131	172	91	72	135	80
2	80	102	88	96	193	140	145	172	96	75	131	70
3	82	108	89	94	184	117	135	180	99	70	131	70
4	85	121	87	98	180	89	138	224	94	68	121	70
5	80	118	87	104	188	125	141	197	88	65	102	72
6	80	111	100	110	180	295	131	188	102	65	88	75
7	85	108	114	106	172	263	128	180	128	65	82	75
8	77	102	116	102	180	268	135	193	138	68	75	75
9	85	96	123	96	197	253	131	188	118	72	70	75
10	82	102	104	105	172	215	131	168	108	72	72	75
11	88	99	91	128	168	238	131	164	105	72	77	72
12	88	94	93	154	177	243	131	145	118	72	77	70
13	94	99	90	160	139	219	141	108	102	70	70	68
14	108	111	91	142	140	161	138	99	96	68	70	65
15	108	141	97	96	145	157	128	121	108	65	65	70
16	105	168	92	99	141	164	118	128	99	63	77	70
17	99	197	95	102	141	168	114	145	91	63	72	65
18	94	172	95	98	141	164	131	138	88	63	88	63
19	96	121	94	102	135	145	145	145	114	58	102	65
20	94	128	86	105	127	141	125	138	176	70	105	65
21	94	138	86	105	135	141	141	125	157	70	96	68
22	96	153	85	102	121	135	164	105	153	65	88	75
23	99	157	85	99	107	128	164	111	145	60	85	75
24	96	117	84	122	110	135	145	108	114	56	88	75
25	96	108	81	162	119	125	128	105	94	60	77	75
26	96	93	86	210	122	114	131	108	88	60	75	77
27	96	76	98	197	133	125	145	111	88	125	72	77
28	96	72	104	184	119	128	180	114	80	108	72	80
29	108	75	102	184	....	111	202	102	80	241	70	77
30	108	83	104	193	....	114	197	96	75	168	75	77
31	105		101	210		118		96		176	82	
Mean	93	116	95	128	152	163	142	141	108	82	87	72
Max.	108	197	123	210	202	295	202	224	176	241	135	80
Min.	77	72	81	94	107	89	114	96	75	56	65	63
A.F.	5710	6890	5820	7870	8470	10020	8420	8680	6410	5050	5340	4300

Total acre-feet 82980

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR CODY
Sec. 23-33-34 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	250	270	282	319	395	400	324	674	254	226	314	219
2	246	274	290	319	400	220	370	662	246	230	310	223
3	246	274	294	310	400	260	370	656	254	250	310	219
4	254	274	306	328	400	300	375	632	250	234	298	219
5	266	286	302	332	430	490	370	572	254	226	290	226
6	258	286	310	298	415	465	370	485	266	230	262	226
7	258	290	314	282	400	430	395	445	286	234	254	226
8	266	290	324	319	395	445	415	400	302	266	246	226
9	274	286	324	314	340	470	410	375	314	258	230	230
10	274	290	314	355	160	500	400	350	310	250	242	230
11	274	290	324	365	200	522	385	342	286	250	250	230
12	270	294	314	370	310	527	365	337	302	246	234	226
13	270	306	302	380	350	560	355	328	294	238	226	223
14	286	302	290	290	375	596	360	319	282	230	219	215
15	290	306	302	140	375	554	365	319	266	219	215	219
16	290	306	324	130	350	614	355	319	262	219	230	223
17	278	342	310	170	310	554	355	328	266	219	246	223
18	278	337	324	275	330	500	360	332	254	230	266	223
19	266	342	319	315	250	455	370	328	298	226	310	223
20	286	319	310	380	160	430	355	319	395	238	270	223
21	274	332	310	380	190	430	346	328	332	226	278	230
22	266	342	319	395	290	425	337	310	360	226	266	226
23	282	298	306	390	360	400	342	324	342	230	258	219
24	274	282	290	405	400	380	400	319	337	223	258	215
25	266	246	262	420	380	360	370	294	306	223	250	223
26	258	170	250	415	410	346	390	294	282	219	238	223
27	266	175	266	425	440	337	400	286	266	234	234	219
28	258	200	286	395	440	337	365	278	254	254	234	219
29	258	220	302	370	.....	328	460	270	242	246	226	208
30	258	250	310	385	....	319	596	258	234	460	226	208
31	282		314	390		314		250		342	230	
Mean	268	283	303	334	345	428	381	378	287	245	255	222
Max.	290	342	324	425	440	614	596	674	395	460	314	230
Min.	246	170	250	130	160	220	324	250	234	219	215	208
A.F.	16510	16820	18630	20550	19150	26320	22670	23270	17050	15080	15710	13210

Total acre-feet 224970

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR SPARKS
Sec. 22-34-26 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	749	793	740	820	1110	1040	920	1750	749	708	874	656
2	728	793	760	840	1030	600	990	1960	760	708	816	637
3	708	804	780	850	1020	770	980	1880	909	728	770	637
4	739	793	800	860	1000	920	950	1770	793	728	793	647
5	708	770	780	840	1110	1140	960	1590	728	708	749	687
6	728	816	780	800	1100	1300	1000	1400	770	697	728	647
7	728	828	790	780	1020	1260	1100	1270	816	697	697	666
8	708	828	800	860	1000	1110	1190	1160	828	708	697	676
9	728	760	790	860	981	1110	1140	1080	760	749	697	666
10	718	793	770	930	610	1230	1140	1000	804	739	676	687
11	728	793	760	960	570	1350	1060	981	760	728	697	666
12	718	804	750	980	804	1470	993	945	782	718	676	687
13	760	804	730	1000	897	1500	945	945	749	718	697	637
14	739	804	720	850	945	1650	921	945	728	687	666	687
15	782	804	750	400	945	1500	1040	921	816	676	708	687
16	793	793	760	350	850	1400	957	933	708	666	708	676
17	782	850	770	440	933	1320	981	1000	676	676	718	647
18	804	969	760	760	897	1210	957	981	687	697	718	647
19	760	850	750	910	640	1100	933	957	697	718	718	676
20	793	839	750	980	400	1050	909	933	1200	687	760	637
21	804	839	750	1010	410	1010	909	957	957	687	728	656
22	793	897	730	1020	780	960	874	981	957	647	697	656
23	770	720	720	1030	980	950	885	933	909	666	697	637
24	728	720	700	1030	850	970	1120	921	874	697	708	628
25	782	720	680	1070	900	1000	1060	885	850	708	718	647
26	770	520	680	1080	1050	950	945	828	782	676	676	628
27	770	400	700	1080	1110	921	885	897	770	718	666	656
28	782	560	720	1080	1190	897	874	885	749	739	676	647
29	760	680	740	1100	.....	862	1200	862	739	804	697	637
30	770	710	770	1100	.....	820	1520	828	728	885	676	647
31	782		790	1080		810		749		1020	687	
Mean	755	768	751	895	898	1103	1011	1101	801	722	716	656
Max.	804	969	800	1100	1190	1650	1520	1960	1200	1020	874	687
Min.	708	400	680	350	400	600	874	749	676	647	666	628
A.F.	46440	45730	46160	55040	49850	67800	60170	67690	47670	44410	44010	39060

Total acre-feet 614030

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR NORDEN
Sec. 33-33-23 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	723	756	737	941	1230	1240	944	1970	904	839	865	650
2	712	813	957	928	1150	1170	1070	2240	930	958	958	620
3	723	800	917	900	1120	976	1070	2200	1000	917	891	630
4	734	865	866	896	1410	930	1060	2090	878	958	917	640
5	756	865	905	892	1410	996	1150	1820	878	865	904	680
6	756	917	920	769	1220	1020	1120	1430	767	800	904	690
7	767	930	966	704	1200	1110	1300	1070	813	878	904	680
8	789	852	1020	815	1100	1150	1300	891	723	789	865	600
9	839	904	1070	968	1010	1310	1130	878	745	723	878	650
10	813	904	1020	888	920	1900	1060	891	813	789	1000	640
11	813	986	961	904	800	2140	1010	986	734	723	865	680
12	839	958	836	806	820	1970	972	839	734	660	839	690
13	778	958	869	757	1100	1860	1060	878	756	670	891	660
14	800	972	807	742	1080	1860	1010	944	767	650	891	590
15	865	930	859	650	940	1620	1000	891	800	650	930	610
16	826	930	907	520	930	1560	958	986	701	650	878	600
17	800	944	918	700	950	1720	1010	1070	712	650	917	590
18	917	1100	899	900	968	1520	1070	1120	756	600	826	680
19	904	1040	802	1000	812	1410	1100	1010	826	650	745	690
20	800	1030	760	1090	543	1410	1040	1060	1350	660	745	756
21	917	1090	818	1110	592	1340	1000	958	1300	660	690	767
22	789	1040	770	1110	844	1320	917	917	1060	650	640	745
23	852	1060	776	1070	1110	1270	878	986	1120	660	712	745
24	756	839	775	975	1160	1200	1190	1070	958	734	756	712
25	839	800	707	1020	1210	1230	1130	986	958	756	745	712
26	800	800	631	1150	1250	1200	1070	1010	789	690	745	756
27	767	580	714	1200	1300	1130	1120	958	756	630	767	756
28	789	550	782	1230	1200	1150	1210	1010	723	712	734	650
29	800	630	857	1220	.....	1230	1740	944	680	1260	680	660
30	756	642	1020	1240	.....	1150	1900	891	723	1060	620	660
31	723	.....	941	1230	.....	1010	.....	904	.....	1180	630	.....
Mean	798	883	864	946	1049	1358	1120	1158	855	776	817	672
Max.	917	1100	1070	1240	1410	2140	1900	2240	1350	1260	1000	767
Min.	712	550	631	520	543	930	878	839	680	600	620	590
A.F.	49080	52530	53130	58170	58270	83510	66620	71200	50880	47740	50250	39980

Total acre-feet 681360

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR SPENCER
Sec. 30-33-11 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1350	1190	530	1280	2090	2540	1960	5610	1590	1080	1470	872
2	1230	1250	545	1390	1790	2480	2280	6950	1470	1060	1590	930
3	1230	1280	750	1490	1960	2140	2510	7100	2060	1190	1960	960
4	1260	1230	1260	1510	2140	1810	2300	5930	2060	1410	1570	1020
5	1190	1180	1370	1450	2390	1570	2200	4560	1720	1220	1300	921
6	1150	1050	1610	1430	2540	1490	2280	3800	1610	1280	1350	915
7	1210	1180	1740	1390	2450	1590	2300	3840	1810	1070	1340	930
8	1190	1150	1980	1370	2300	1940	2540	3350	1980	1100	1260	886
9	1190	1150	1880	1320	2330	2200	2730	3000	1880	1100	1160	975
10	1100	1230	1790	1350	2010	2700	2630	3000	1910	1130	1160	990
11	1110	1160	1790	1470	1430	3530	2540	3610	1740	1270	1450	1050
12	1180	1320	1660	1680	1190	5080	2330	2800	1630	1280	1280	1050
13	1230	1250	1340	1860	1210	7100	2110	2510	1550	1100	1250	1070
14	1150	1210	990	1770	1370	9020	2110	2040	1470	1090	1230	1070
15	1230	1250	975	1300	1510	10500	2730	2220	1740	1090	1410	975
16	1260	1340	1080	747	1450	8150	2280	2010	2330	1030	1680	1070
17	1210	1570	1180	630	1320	7100	2170	1910	1980	1040	1510	869
18	1230	1680	1210	584	1230	6900	2040	2110	1550	1070	1370	1020
19	1230	1450	1210	695	1190	4400	1980	1940	1630	1090	1370	1070
20	1210	1350	1180	830	708	3500	1940	1940	2450	1030	1450	892
21	1190	1350	1150	930	930	3310	1790	1880	2280	993	1340	1020
22	1230	1350	1180	1160	760	2830	1770	1840	2140	1020	1300	1020
23	1210	1350	1180	1570	656	2730	1700	1790	1810	1140	1280	1020
24	1160	1300	1230	1720	630	2480	1860	1840	1720	1110	1340	990
25	1190	1200	1210	1840	682	2200	2220	1720	1510	1180	1110	975
26	1180	900	1130	2040	915	2280	2170	1590	1410	996	1190	990
27	1230	700	1070	2090	1260	2170	1940	1810	1320	1110	1110	975
28	1150	500	1020	1980	2010	2110	1860	2170	1210	1110	1000	930
29	1190	510	1070	1940	.....	1860	3200	1880	1180	2170	960	900
30	1250	520	1130	2060	.....	1910	5520	2390	1040	1910	1070	945
31	1190	.....	1190	1980	.....	1880	.....	1790	.....	1530	900	.....
Mean	1204	1172	1246	1447	1516	3597	2333	2933	1726	1194	1315	977
Max.	1350	1680	1980	2090	2540	10500	5520	7100	2450	2170	1960	1070
Min.	1100	500	530	584	630	1490	1700	1590	1040	993	900	869
A.F.	74000	69720	76620	88970	84200	22120	138800	180400	102700	73390	80850	58120

Total acre-feet 1248970

DISCHARGE IN SECOND-FEET OF OAK CREEK NEAR DANNEBROG
Sec. 8-13-11 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.0	1	1	1	2	3	2	3	1	1.0	0.2	0
2	.0	1	1	1	1	3	2	3	1	1.0	.1	0
3	.0	1	1	1	1	3	2	3	1	1.0	.1	0
4	.0	1	1	1	2	4	2	2	2	1.0	.0	0
5	.0	1	2	1	2	5	2	2	1	1.0	.0	0
6	.0	1	1	1	2	6	2	2	1	1.0	.1	0
7	.0	1	1	1	1	7	2	2	3	.5	.1	0
8	.0	1	1	1	1	6	3	2	62	.4	.1	0
9	.0	1	1	1	2	6	4	2	19	.4	.1	0
10	.1	1	1	1	1	5	3	577	5	.3	.1	0
11	.2	1	1	1	1	4	2	129	3	.3	.5	0
12	.2	1	0	1	1	4	2	20	2	.5	.3	0
13	.3	1	0	1	1	3	2	9	2	.6	.1	0
14	.3	1	0	1	1	4	2	7	1	.4	.1	0
15	.4	1	0	1	1	4	2	6	1	.3	.1	0
16	.5	1	1	0	1	4	2	5	1	.3	.1	0
17	.4	1	1	0	1	3	2	4	1	.3	.1	0
18	.4	1	1	1	1	2	2	4	1	.3	.1	0
19	.4	1	1	1	2	2	2	4	1	.3	.0	0
20	.4	1	1	1	1	2	2	3	1	.2	.0	0
21	.4	1	1	1	1	2	2	3	1	.2	.0	0
22	.4	1	1	1	1	2	2	2	1	.2	.0	0
23	.5	1	1	1	1	2	2	2	1	.2	.0	0
24	.6	1	1	1	2	2	2	2	1	.2	.0	0
25	.6	2	1	1	2	2	1	2	1	.2	.0	0
26	.6	1	1	2	2	2	2	2	1	.2	.0	0
27	.6	1	1	2	2	2	1	18	1	.1	.0	0
28	.6	1	1	2	2	2	1	9	1	.1	.0	0
29	.6	2	1	2	....	2	2	4	1	.1	.0	0
30	.7	1	1	2	....	2	4	2	1	.2	.0	0
Mean	.3	1	1	1	1	3	2	27	4	.4	.1	0
Max.	1.0	2	2	2	2	7	4	577	62	.9	.5	0
Min.	.0	1	0	0	1	2	1	2	1	.1	.0	0
A.F.	20.0	56	46	60	73	198	130	1660	237	23.0	4.6	0

Total acre-feet 2510

DISCHARGE IN SECOND-FEET OF OMAHA CREEK NEAR HOMER
Sec. 12-27-8 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	22	16	17	24	30	116	96	32	31	21	8
2	15	22	17	17	24	21	68	70	30	28	23	8
3	16	21	22	18	25	18	111	84	29	29	23	18
4	16	20	20	18	27	17	57	82	28	32	15	17
5	15	23	22	18	30	19	43	64	27	30	17	12
6	15	21	24	19	34	24	42	62	27	31	138	11
7	16	21	24	19	37	21	40	58	894	28	25	11
8	18	23	28	19	39	25	43	53	1740	27	23	11
9	18	23	29	20	40	46	46	48	100	25	22	12
10	18	22	25	22	38	91	48	58	80	25	21	12
11	18	23	24	26	34	110	42	53	62	25	24	10
12	19	22	23	28	30	126	38	42	57	29	24	9
13	19	21	15	27	26	94	36	40	51	28	23	9
14	20	20	17	21	21	106	34	40	44	25	18	10
15	20	20	19	11	17	94	55	40	48	24	16	10
16	20	20	21	12	13	73	55	42	46	24	16	9
17	20	20	19	15	14	51	46	57	40	23	15	9
18	22	20	16	18	18	55	38	46	36	24	13	9
19	21	19	15	18	17	44	38	38	34	23	12	8
20	21	18	14	19	16	43	36	36	34	23	12	8
21	21	22	13	19	14	43	36	36	34	29	11	7
22	21	21	13	19	11	38	32	150	32	24	10	7
23	21	20	12	19	13	33	26	60	30	23	10	8
24	21	20	11	18	22	28	51	66	72	23	10	9
25	21	18	11	18	37	42	70	58	257	22	9	10
26	21	8	10	17	42	31	40	43	42	21	9	9
27	21	7	11	17	52	36	33	36	120	23	9	7
28	19	14	12	18	60	42	30	33	80	21	9	7
29	20	14	14	20	....	33	40	30	60	20	9	7
30	23	16	17	22	....	53	106	24	40	20	8	5
31	23	....	17	24	....	51	....	34	....	20	8	....
Mean	19	19	18	19	28	50	50	54	140	25	20	10
Max.	23	23	29	28	60	126	116	150	1740	32	138	18
Min.	15	7	10	11	11	17	26	24	27	20	8	5
A.F.	1180	1150	1090	1180	1540	3050	2970	3330	8340	1550	1200	567

Total acre-feet 27150

DISCHARGE IN SECOND-FEET OF PLUM CREEK NEAR MEADVILLE
Sec. 11-32-22 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	94	86	78	89	99	70	103	248	120	96	107	84
2	96	86	85	89	101	81	114	333	120	96	114	86
3	98	88	98	88	101	105	112	469	133	96	127	86
4	99	89	108	89	101	103	114	545	118	96	116	88
5	100	89	103	88	105	103	116	441	114	96	116	89
6	100	89	101	78	103	107	122	330	112	96	122	89
7	101	91	101	69	101	101	127	256	116	96	116	89
8	103	89	103	81	101	103	131	207	120	96	107	88
9	98	88	103	92	101	110	140	168	122	96	98	88
10	86	88	101	92	98	127	142	254	122	96	98	88
11	83	89	99	94	94	151	138	220	129	86	96	86
12	86	91	99	96	96	202	140	149	129	78	96	86
13	88	91	92	98	96	285	129	135	125	76	98	86
14	88	89	90	91	96	303	127	129	125	74	99	84
15	88	89	99	34	98	262	129	122	120	75	105	84
16	89	89	98	60	96	204	118	118	120	75	107	84
17	91	92	96	60	101	215	120	116	120	78	110	84
18	92	96	88	70	98	184	122	116	120	78	107	84
19	89	94	88	70	69	158	118	112	120	78	101	86
20	88	94	89	80	43	142	112	112	120	78	98	84
21	84	96	89	80	56	135	108	105	120	78	94	86
22	78	96	92	96	63	129	105	108	120	81	91	86
23	81	94	91	98	69	120	99	108	120	86	91	86
24	81	94	89	99	72	112	103	105	127	89	91	86
25	83	92	76	99	70	110	103	103	122	86	88	88
26	84	75	75	100	78	108	98	101	117	88	86	88
27	86	69	76	98	76	108	98	112	112	89	84	88
28	91	63	78	100	75	107	105	125	107	103	86	89
29	83	72	84	99	....	107	120	120	102	120	86	89
30	84	75	92	99	....	103	166	120	96	164	86	88
31	81		94	101		103		120		125	84	
Mean	90	87	92	86	88	141	119	187	119	92	100	87
Max.	103	96	108	101	105	303	166	545	133	164	127	89
Min.	78	63	75	34	43	70	98	101	96	74	84	84
A.F.	5500	5200	5660	5310	4870	8640	7100	11520	7080	5640	6160	5150

Total acre-feet 77839

DISCHARGE IN SECOND-FEET OF PLUM CREEK NEAR SMITHFIELD
Sec. 15-8-21 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	1	0	0	0
2	0	0	0	0	0	0	0	0	1	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	2	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	8	0	0	0	0
11	0	0	0	0	0	0	0	3	0	0	0	3
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	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	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	0	0	0	0	0
28	0	0	0	0	0	0	0	5	0	0	0	0
29	0	0	0	0	.	0	0	3	0	0	0	0
30	0	0	0	0	..	0	0	10	0	0	0	0
31	0		0	0		0		3		0	0	
Mean	0	0	0	0	0	0	0	2	0	0	0	0
Max.	0	0	0	0	0	0	0	10	1	0	2	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	0	65	3	0	4	0

Total acre-feet 72

DISCHARGE IN SECOND-FEET OF PONCA CREEK NEAR ANOKA
Sec. 9-39-13 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	3	1	3	7	7	72	531	55	29	22	0.4
2	3	3	1	3	8	6	90	605	47	21	20	.4
3	3	2	1	3	11	7	104	704	95	19	11	.4
4	1	2	1	3	14	7	114	627	209	18	10	.4
5	1	2	1	3	18	7	102	504	153	16	10	.4
6	2	3	1	3	27	7	101	352	95	15	8	.4
7	2	2	1	3	30	7	104	251	79	14	7	.4
8	2	6	1	3	26	10	115	179	90	12	7	.4
9	2	4	2	3	26	13	118	146	155	11	6	.4
10	2	4	2	3	19	16	97	140	181	10	6	.3
11	2	4	2	3	11	32	83	193	118	13	10	.2
12	2	4	2	3	9	76	72	148	93	11	5	.3
13	2	5	2	3	7	147	67	116	81	8	4	.4
14	2	4	2	3	6	290	63	98	70	8	4	.4
15	2	5	2	3	5	300	83	90	58	8	7	.2
16	2	5	2	3	5	370	91	83	54	6	6	.3
17	2	7	2	3	5	430	80	82	46	6	5	.2
18	2	8	2	3	5	820	73	75	41	6	4	.2
19	2	6	2	3	5	695	62	71	47	6	3	.3
20	2	7	2	4	5	627	58	66	77	5	2	.3
21	2	5	2	4	5	614	56	57	143	4	2	.3
22	3	5	2	4	5	444	50	54	98	5	2	.5
23	2	4	2	4	5	270	47	53	68	6	2	.3
24	2	3	2	5	5	177	49	52	50	6	2	.4
25	3	3	2	5	5	138	64	52	39	20	2	.5
26	3	2	2	5	5	130	85	48	33	11	1	.5
27	3	1	2	5	5	122	77	43	32	10	1	.4
28	2	1	3	5	6	102	71	52	29	8	1	.4
29	2	1	3	5	..	93	167	65	29	17	1	.3
30	3	1	3	5	..	87	519	100	36	21	1	.4
31	3		3	6	..	82	.....	70	.....	39	1	.....
Mean	2	4	2	4	10	198	98	184	80	12	6	.4
Max.	3	8	3	6	30	820	519	704	209	39	22	.5
Min.	0	1	1	3	5	6	47	43	29	4	1	.2
A.F.	133	221	115	235	580	12170	5820	11320	4760	770	339	21.0

Total acre-feet 36480

DISCHARGE IN SECOND-FEET OF PRAIRIE CREEK NEAR SILVER CREEK
Sec. 29-16-3 W. Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	2	1	2	2	14	11	27	180	6	1	0
2	0	2	3	2	2	12	12	44	91	7	0	0
3	0	2	3	2	3	10	14	55	40	8	0	0
4	0	2	3	2	4	12	13	47	28	11	1	0
5	1	3	4	2	4	13	12	43	22	12	1	0
6	1	3	6	2	4	13	12	40	18	10	1	0
7	1	3	6	2	4	14	12	37	20	8	1	0
8	2	3	6	2	5	16	13	31	24	8	1	0
9	2	3	6	2	6	18	16	26	22	7	1	0
10	2	3	5	2	8	19	21	24	21	7	0	0
11	2	4	4	2	9	20	20	22	21	7	2	0
12	2	4	4	3	9	19	22	21	22	8	2	0
13	2	4	3	3	10	18	21	21	30	8	2	0
14	3	4	2	3	10	18	19	20	29	7	1	0
15	3	4	2	2	13	17	20	20	20	6	1	0
16	3	5	3	2	23	17	17	20	16	6	0	0
17	3	6	3	3	20	17	17	20	13	5	0	0
18	3	4	2	3	12	17	14	18	11	5	0	0
19	3	4	2	3	16	16	16	16	10	4	0	0
20	3	4	2	3	10	16	14	16	9	4	0	0
21	2	4	2	2	8	16	14	16	9	4	0	0
22	2	4	1	2	13	16	13	16	9	4	0	0
23	2	5	1	2	12	15	12	14	9	4	0	0
24	3	4	2	2	11	13	16	14	17	3	0	0
25	3	2	2	2	12	13	19	14	14	2	0	0
26	3	0	2	2	13	13	17	12	10	2	0	0
27	3	0	2	2	14	12	16	13	9	2	0	0
28	3	0	2	2	16	12	16	13	8	1	0	0
29	2	0	2	2	....	12	19	12	8	2	0	0
30	2	0	2	2	....	12	24	13	7	1	0	0
31	2		2	2	....	12	.....	47	.....	0	0	.....
Mean	2	3	3	2	10	15	16	24	25	6	1	0
Max.	3	6	6	3	23	20	24	55	180	12	2	0
Min.	0	0	1	2	2	10	11	12	7	0	0	0
A.F.	125	177	173	135	541	916	956	1490	1480	336	34	1

Total acre-feet 6360

DISCHARG IN SECOND-FEET OF PRAIRIE DOG CREEK NEAR WOODRUFF, KANSAS—Sec. 6-1-18 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	2	5	8	17	13	11	15	691	25	15	6
2	2	2	5	8	16	12	10	62	340	21	14	6
3	2	2	6	9	16	13	10	22	213	18	14	6
4	2	2	6	9	17	14	10	19	120	15	12	6
5	2	2	6	9	17	16	11	15	98	11	12	6
6	2	2	7	9	17	14	11	12	84	12	12	6
7	2	3	7	9	17	15	10	10	94	12	10	6
8	2	3	8	9	16	13	10	9	391	14	261	6
9	2	3	8	9	16	13	10	9	227	17	160	6
10	2	3	8	10	18	13	9	45	155	14	179	8
11	2	3	8	11	16	12	10	23	177	12	89	6
12	2	3	8	12	15	12	12	14	92	62	60	6
13	2	5	8	12	17	12	10	12	64	358	39	6
14	2	9	8	12	16	16	10	11	52	332	32	6
15	2	9	8	10	14	13	9	12	48	160	25	6
16	2	9	8	5	16	12	7	12	41	77	24	6
17	2	9	7	5	17	12	8	12	39	55	22	6
18	2	9	7	6	17	12	8	11	37	40	19	6
19	2	10	7	6	16	12	9	11	35	35	18	6
20	2	12	7	7	13	12	9	12	32	35	17	6
21	2	13	7	8	10	12	9	11	29	592	16	6
22	2	13	7	9	12	11	8	11	27	1540	15	6
23	2	13	6	9	13	12	7	10	25	246	12	6
24	2	13	6	10	14	12	7	10	24	84	11	4
25	2	12	6	12	16	9	6	9	23	54	12	4
26	2	9	6	13	14	9	6	9	20	45	13	4
27	2	5	6	14	16	10	6	9	21	37	12	4
28	2	4	6	15	22	9	6	620	37	31	10	4
29	2	4	6	16	...	10	7	4180	41	26	8	4
30	2	4	6	16	...	10	8	4720	39	23	8	4
31	2		7	17	...	11		2020		18	6	
Mean	2	6	7	10	16	12	9	386	111	130	37	6
Max.	2	13	8	17	22	16	12	4720	691	1540	261	6
Min.	2	2	5	5	10	9	6	9	20	11	6	4
A.F.	117	384	414	625	875	747	521	23710	6580	7980	2300	339

Total acre-feet 44590

DISCHARGE IN SECOND-FEET OF PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-19-50 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	16	26	28	37	45	33	47	5	37	10	18
2	25	17	27	28	37	39	35	45	5	22	93	27
3	24	18	28	28	37	37	35	50	5	11	67	41
4	24	17	28	30	36	40	35	48	5	16	60	45
5	24	17	29	31	37	43	34	42	5	8	45	40
6	23	18	32	31	35	47	33	35	9	12	37	29
7	24	17	31	29	33	44	35	29	19	13	31	28
8	21	17	31	26	33	48	34	28	17	13	22	28
9	16	17	30	30	34	47	34	24	16	14	20	18
10	14	19	29	33	32	46	36	22	12	15	10	11
11	13	19	28	34	34	42	36	26	12	10	20	11
12	13	18	31	34	39	40	33	28	15	9	27	11
13	13	19	30	34	35	39	33	30	14	9	20	11
14	14	20	31	32	37	38	32	31	19	8	18	12
15	13	22	31	30	40	34	31	22	20	14	26	13
16	13	27	31	25	40	34	44	17	19	47	31	11
17	12	30	31	30	38	34	63	20	19	39	41	11
18	13	30	32	38	43	33	38	31	22	15	57	11
19	13	29	33	38	33	32	32	31	28	14	55	11
20	13	28	33	38	30	34	33	28	42	12	22	11
21	13	28	34	38	35	35	34	25	54	14	19	11
22	13	28	35	39	35	32	47	17	36	14	19	11
23	13	30	35	39	35	32	60	15	30	14	41	10
24	13	31	32	40	32	32	60	15	43	16	48	10
25	13	32	30	35	38	32	57	12	73	16	34	10
26	12	28	30	35	38	32	57	9	69	15	22	9
27	13	25	28	40	43	32	50	8	62	28	31	8
28	17	25	28	40	43	32	39	6	37	50	34	8
29	14	25	28	40	...	32	49	6	34	52	34	18
30	14	26	28	40	...	32	54	7	35	48	28	45
31	15		28	38		33		6		15	19	
Mean	16	23	30	34	36	37	41	24	26	20	34	18
Max.	25	32	35	40	43	48	63	50	73	52	93	45
Min.	12	16	26	25	30	32	31	6	5	8	10	8
A.F.	986	1370	1860	2080	2020	2280	2430	1500	1550	1230	2060	1070

Total acre-feet 20440

DISCHARGE IN SECOND-FEET OF RED WILLOW CREEK NEAR BAYARD
Sec. 7-20-50 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	193	137	102	96	83	71	60	60	59	61	176	96
2	182	137	100	93	85	70	62	56	67	58	195	106
3	187	134	100	93	85	72	61	56	64	54	166	147
4	179	133	100	94	86	71	59	54	52	52	137	152
5	173	131	100	94	87	79	59	56	53	54	141	168
6	166	128	99	92	86	76	59	69	85	53	108	174
7	161	126	96	89	83	74	61	64	226	53	79	179
8	176	120	94	83	83	74	61	64	133	50	74	158
9	190	114	92	83	82	74	60	59	92	54	75	144
10	179	112	93	83	75	70	61	53	72	59	90	166
11	165	112	93	82	70	69	61	108	66	66	133	153
12	182	114	92	82	69	67	60	145	69	69	90	153
13	145	116	94	82	69	66	59	139	66	69	82	147
14	163	116	93	80	69	65	59	71	67	66	83	145
15	161	117	93	71	70	67	61	90	110	62	92	133
16	158	117	92	79	71	67	62	65	64	67	197	112
17	150	120	92	82	72	67	64	55	51	120	158	120
18	145	116	92	82	71	66	64	62	58	94	118	114
19	145	118	93	79	61	69	61	65	167	99	145	110
20	144	120	94	78	71	69	60	66	247	110	110	120
21	141	123	96	78	80	65	60	60	219	104	110	152
22	139	122	96	82	83	65	60	54	210	99	134	149
23	139	118	96	83	79	65	60	48	232	83	166	137
24	137	112	96	87	76	65	59	65	198	74	150	125
25	136	108	94	85	71	65	59	60	123	82	166	120
26	136	102	94	83	74	62	59	54	105	91	166	120
27	134	102	94	80	76	62	59	66	125	79	163	115
28	133	102	94	79	72	62	60	74	110	92	150	122
29	134	102	94	82	....	61	74	76	87	125	134	193
30	139	102	96	82	....	59	70	75	67	245	133	150
31	137	....	96	79	....	60	....	70	....	201	125	....
Mean	156	118	95	84	76	68	61	70	111	85	131	139
Max.	193	137	102	96	87	79	74	145	247	245	197	193
Min.	133	102	92	71	61	59	59	48	51	50	74	96
A.F.	9620	7000	5850	5150	4240	4150	3640	4280	6630	5250	8030	8290

Total acre-feet 72130

DISCHARGE IN SECOND-FEET OF RED WILLOW CREEK NEAR RED WILLOW
Sec. 17-3-28 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19	29	31	39	43	46	34	39	30	14	14	15
2	19	29	30	32	42	52	36	40	33	13	16	15
3	19	29	30	35	41	57	36	42	31	13	16	15
4	19	29	30	41	41	49	36	46	32	13	16	15
5	19	29	29	48	42	50	37	47	32	13	16	15
6	20	29	30	45	42	53	36	46	32	13	29	15
7	20	30	31	38	42	56	38	45	32	13	23	15
8	21	30	32	49	42	54	42	44	31	15	18	15
9	21	30	32	60	37	56	44	42	30	15	17	15
10	22	31	32	66	36	54	44	43	30	15	17	14
11	22	31	35	63	35	52	45	41	30	379	29	14
12	23	31	33	83	31	49	46	38	31	225	19	15
13	24	31	32	88	34	48	48	37	30	78	16	15
14	24	31	28	49	36	77	48	36	29	40	16	14
15	24	31	33	40	34	45	48	34	28	37	15	14
16	24	31	34	22	35	41	46	42	26	36	15	14
17	25	32	36	25	34	38	45	42	25	37	16	14
18	26	32	31	31	35	39	42	38	23	33	16	14
19	26	33	28	40	34	42	40	38	21	46	16	14
20	26	33	28	42	29	41	38	38	20	28	16	14
21	27	34	29	51	22	40	37	36	20	28	16	14
22	27	34	30	73	28	39	37	35	19	28	16	14
23	27	34	33	76	31	37	37	35	18	27	17	14
24	27	34	23	56	40	36	38	34	17	24	17	14
25	28	33	29	48	38	34	38	33	16	23	49	15
26	28	32	41	48	46	33	38	32	16	21	23	15
27	28	32	42	46	65	33	36	32	15	21	16	15
28	28	29	42	46	40	33	35	33	15	20	15	14
29	28	26	41	46	....	33	37	32	15	17	15	14
30	29	32	33	45	....	33	38	32	15	15	15	14
31	29	....	30	44	....	35	....	31	....	15	14	....
Mean	24	31	32	49	38	45	40	38	25	42	18	14
Max.	29	34	42	88	65	77	48	47	33	379	49	15
Min.	19	26	23	22	22	33	34	31	15	13	14	14
A.F.	1490	1850	1980	3000	2090	2750	2380	2350	1470	2610	1130	861

Total acre-feet 23960

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, NORTH FORK, NEAR COLORADO-NEBRASKA STATE LINE

Sec. 10-1-42 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	47	60	63	74	76	65	68	8	6	6	9
2	14	66	70	68	73	83	59	57	44	6	6	10
3	16	66	70	71	66	89	57	59	35	6	5	10
4	15	63	70	70	70	85	60	57	16	6	5	11
5	18	57	70	68	73	85	63	60	20	6	4	11
6	22	63	76	70	73	78	39	54	25	6	4	11
7	22	62	71	76	65	78	35	41	35	6	4	12
8	21	62	70	78	68	80	38	40	35	7	5	10
9	17	63	65	78	70	76	49	40	22	7	6	11
10	17	66	65	78	70	73	60	44	25	8	6	10
11	15	60	71	74	70	71	66	45	23	11	8	12
12	15	60	71	78	66	71	66	56	20	24	8	12
13	17	65	78	85	66	68	78	45	18	18	8	14
14	21	63	68	76	68	68	73	42	13	14	8	14
15	29	65	68	60	65	63	59	45	9	8	50	15
16	32	65	73	50	59	62	53	53	8	9	39	15
17	32	68	73	70	62	60	50	42	8	11	19	15
18	34	70	66	85	68	57	46	40	8	9	18	14
19	39	71	68	87	60	63	49	41	7	8	19	15
20	45	68	65	87	50	60	50	41	7	7	18	25
21	47	71	73	81	40	60	52	54	6	6	18	50
22	50	74	74	76	45	57	53	30	8	7	18	22
23	49	74	73	74	50	60	53	31	20	8	18	17
24	47	74	66	74	55	63	82	29	8	7	17	14
25	42	70	63	74	60	59	65	28	8	7	16	15
26	39	50	60	73	65	60	62	18	7	7	15	16
27	33	40	66	74	65	65	54	12	6	7	12	17
28	30	40	68	68	70	62	47	10	6	6	11	18
29	30	45	76	68	....	63	73	9	6	6	11	17
30	33	50	65	71	....	62	85	9	6	6	11	19
31	33	....	63	71	....	62	....	8	....	6	9	....
Mean	29	62	69	73	64	68	58	39	16	8	13	15
Max.	50	74	78	87	74	89	85	68	44	24	50	50
Min.	14	40	60	50	40	57	35	8	6	6	4	9
A.F.	1760	3690	4230	4510	3540	4200	3450	2400	930	501	801	914

Total acre-feet 30930

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, SOUTH FORK, NEAR COLORADO-KANSAS STATE LINE

Sec. 27-4S-42 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	14	9	11	19	23	18	19	13	2	3	3
2	5	14	9	14	18	36	16	17	22	1	4	4
3	5	12	10	22	18	26	17	18	16	1	4	4
4	4	14	8	16	18	23	18	16	14	0	7	5
5	4	14	9	22	16	26	17	16	19	0	24	5
6	6	14	13	24	17	23	18	17	23	0	8	5
7	7	17	12	33	16	23	19	19	19	0	7	4
8	9	16	15	27	12	22	19	18	14	1	8	5
9	9	16	12	36	12	22	19	17	12	2	6	5
10	9	16	17	30	12	23	19	17	12	1	3	5
11	9	16	22	29	13	23	22	19	10	5	3	5
12	10	17	18	26	9	22	23	20	7	3	2	4
13	10	17	18	26	9	22	23	23	6	1	1	3
14	12	16	16	19	10	19	18	22	7	1	1	4
15	12	16	16	15	12	20	16	22	7	0	87	4
16	10	16	14	13	11	19	16	23	5	1	24	5
17	12	17	12	15	11	18	16	23	4	2	8	4
18	12	17	14	17	15	17	17	22	3	2	8	5
19	12	14	15	21	15	19	18	19	3	3	59	5
20	12	15	9	33	0	19	18	18	3	2	40	4
21	12	16	5	29	4	18	17	18	4	1	24	6
22	12	14	6	22	8	19	14	16	5	95	10	6
23	12	12	8	22	9	19	14	16	4	133	8	4
24	12	8	10	23	12	18	23	17	2	14	10	3
25	12	7	11	20	17	17	17	14	2	9	9	4
26	12	8	12	20	23	16	17	14	2	6	6	6
27	12	8	9	20	24	17	17	17	3	4	4	4
28	12	8	10	20	22	17	16	17	3	3	3	4
29	14	8	9	20	....	17	24	14	2	2	4	3
30	12	9	10	20	....	17	23	14	1	2	4	3
31	12	....	12	22	....	20	....	10	....	3	3	....
Mean	10	14	12	22	14	21	18	18	8	10	13	4
Max.	14	17	22	36	24	36	24	23	23	133	87	6
Min.	4	7	5	11	0	16	14	10	1	0	1	3
A.F.	606	805	736	1360	758	1270	1090	1090	490	597	778	257

Total acre-feet 9840

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR BENKELMAN
Sec. 19-1-37 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25	55	50	92	121	165	129	135	45	0	0	0
2	25	59	60	87	123	185	119	117	64	0	0	0
3	25	74	70	79	119	195	112	110	83	1	0	0
4	25	66	76	84	119	143	110	100	68	0	0	0
5	26	70	81	94	127	175	112	103	56	0	0	0
6	27	74	83	97	123	177	108	100	63	1	8	0
7	33	74	87	102	114	175	105	100	78	1	1	1
8	38	72	89	111	112	182	127	100	72	6	1	1
9	41	76	87	102	119	190	139	101	70	11	0	2
10	43	77	84	102	111	175	121	103	67	9	0	2
11	38	77	83	106	121	156	127	103	62	8	0	2
12	33	74	84	111	92	145	129	103	58	14	0	2
13	32	72	86	117	96	145	129	100	56	17	0	1
14	36	71	78	106	102	150	139	94	51	17	0	1
15	38	68	80	65	101	127	110	105	47	16	0	1
16	40	68	86	62	99	121	94	110	40	12	2	0
17	42	70	85	117	94	125	108	107	35	18	20	0
18	40	66	81	150	120	129	103	103	30	9	12	1
19	38	63	80	190	120	127	114	105	25	9	10	2
20	37	63	87	192	58	135	121	101	24	7	15	0
21	40	62	85	229	54	137	123	94	31	6	10	1
22	42	60	85	225	70	133	125	88	32	2	6	1
23	50	58	82	244	72	129	125	78	59	11	6	5
24	59	54	76	223	80	125	125	72	28	2	4	5
25	62	50	64	156	111	125	125	66	19	0	2	4
26	61	47	55	114	151	125	117	62	10	0	1	4
27	57	45	67	133	202	123	117	58	6	0	1	4
28	55	41	73	127	177	119	117	57	4	0	1	4
29	48	40	85	119	.....	117	133	52	2	0	1	3
30	49	43	88	123	.....	119	145	47	0	0	1	4
31	54	...	89	119	.....	131	...	44	...	0	0	...
Mean	41	63	79	128	111	145	120	91	43	6	3	2
Max.	62	77	89	244	202	195	145	135	83	18	20	5
Min.	25	40	50	62	54	117	94	44	0	0	0	0
A.F.	2500	3750	4850	7890	6160	8940	7160	5590	2550	352	201	101

Total acre-feet 50040

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, SOUTH FORK, NEAR BENKELMAN
Sec. 31-1-37 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	13	67	31	28	0	0	0	0
2	0	0	0	0	15	50	24	22	13	0	0	0
3	0	0	0	0	18	67	18	18	19	0	0	0
4	0	0	0	0	18	36	18	22	11	0	0	0
5	0	0	0	0	20	46	18	22	4	0	3	0
6	0	0	0	10	16	36	18	20	4	0	9	0
7	0	0	0	22	16	29	20	18	16	0	0	0
8	0	0	0	24	16	31	28	15	10	0	0	0
9	0	0	0	36	20	24	34	12	2	0	0	0
10	0	0	0	40	14	29	31	9	0	0	0	0
11	0	0	0	42	15	31	33	11	0	0	0	0
12	0	0	0	52	13	23	40	10	0	0	0	0
13	0	0	0	52	13	20	38	10	0	0	0	0
14	0	0	0	35	25	19	36	14	0	0	0	0
15	0	0	0	2	20	16	31	20	0	0	0	0
16	0	0	0	2	11	18	28	33	0	0	18	0
17	0	0	0	5	12	22	26	31	0	0	41	0
18	0	0	0	8	21	19	20	28	0	0	1	0
19	0	0	0	10	12	19	24	23	0	0	0	0
20	0	0	0	14	0	22	22	20	0	0	97	0
21	0	0	0	32	0	20	22	18	0	0	46	0
22	0	0	0	50	2	18	20	14	0	0	9	0
23	0	0	0	45	5	16	20	10	0	0	1	0
24	0	0	0	40	5	18	22	9	0	29	0	0
25	0	0	0	36	22	20	22	7	0	6	0	0
26	0	0	0	31	38	20	20	5	0	0	0	0
27	0	0	0	24	64	18	15	4	0	0	0	0
28	0	0	0	9	52	18	15	6	0	0	0	0
29	0	0	0	8	.....	19	31	12	0	0	0	0
30	0	0	0	23	.....	19	36	5	0	0	0	0
31	0	...	0	18	.....	23	...	0	...	0	0	...
Mean	0	0	0	22	18	27	25	15	3	1	7	0
Max.	0	0	0	52	64	67	40	33	19	29	97	0
Min.	0	0	0	0	0	16	15	0	0	0	0	0
A.F.	0	0	0	1330	983	1650	1510	941	156	70	447	0

Total acre-feet 7090

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR STRATTON
Sec. 13-2-35 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	46	26	76	138	240	172	161	36	0	0	0
2	0	50	44	76	128	230	172	147	36	0	0	0
3	0	53	60	79	161	289	156	133	78	0	0	0
4	0	58	73	79	195	250	133	147	99	0	0	0
5	0	64	77	88	250	256	138	142	70	0	0	0
6	0	62	83	93	224	282	142	133	58	0	0	0
7	0	65	90	107	211	269	152	133	73	0	0	0
8	0	67	92	114	183	211	189	138	91	0	0	0
9	0	68	98	121	178	161	200	114	84	0	0	0
10	0	68	89	137	110	167	200	95	64	0	0	0
11	0	68	85	140	125	156	243	87	49	0	0	0
12	0	67	83	132	135	152	211	87	38	0	0	0
13	2	67	85	140	142	161	206	91	32	0	0	0
14	5	70	85	126	167	156	211	91	28	0	0	0
15	10	73	80	46	161	152	195	84	26	0	0	0
16	16	70	72	77	147	138	167	119	21	0	0	0
17	22	76	72	124	114	119	147	156	10	0	0	0
18	29	80	73	147	110	142	135	156	1	0	3	0
19	32	70	73	144	100	138	123	152	0	0	0	0
20	31	58	72	186	90	128	128	138	0	0	0	0
21	30	64	76	220	60	123	119	123	0	0	7	0
22	31	49	73	256	60	106	103	95	0	0	1	0
23	33	62	72	244	70	84	103	80	0	0	0	0
24	37	36	68	220	80	99	110	70	0	1	0	0
25	41	15	62	140	110	110	174	61	0	0	0	0
26	46	12	55	102	160	119	183	55	0	0	0	0
27	45	15	48	84	220	138	156	55	0	0	0	0
28	42	10	63	224	240	138	142	59	0	0	0	0
29	39	16	67	156	.....	119	200	87	0	0	0	0
30	40	20	74	114	.....	119	200	87	0	0	0	0
31	43		74	189		142		49		0	0	
Mean	18	53	72	135	145	164	164	107	30	0	0	0
Max.	46	80	98	256	250	289	243	161	99	1	7	0
Min.	0	10	26	46	60	84	103	49	0	0	0	0
A.F.	1140	3170	4450	8290	8070	10100	9740	6600	1770	1	23	0

Total acre-feet 53350

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR TRENTON
Sec. 2-2-33 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	3	4	76	167	217	141	252	15	1	0	0
2	0	11	6	81	137	191	145	191	17	0	0	0
3	0	15	16	86	158	252	128	162	12	0	0	0
4	0	18	27	84	154	336	132	97	11	0	0	0
5	0	28	48	84	186	228	124	8	15	0	0	0
6	0	40	74	77	186	234	132	3	18	0	0	0
7	0	42	80	87	141	212	162	2	19	0	0	0
8	0	42	82	97	186	154	196	1	21	0	0	0
9	0	45	84	108	181	162	217	1	23	0	0	0
10	0	45	90	124	76	191	186	3	21	0	0	0
11	0	47	84	134	66	186	181	1	22	0	0	0
12	0	49	78	141	98	176	212	1	22	0	0	0
13	0	49	72	148	134	162	212	1	19	0	0	0
14	0	54	67	125	182	128	207	1	18	0	0	0
15	0	54	66	89	151	96	162	1	18	0	0	0
16	0	54	67	87	146	106	141	2	17	0	0	0
17	0	49	69	99	132	121	110	2	15	0	0	0
18	0	56	66	115	154	145	121	1	13	0	0	0
19	0	61	67	150	108	145	114	1	12	0	0	0
20	0	66	69	186	70	158	124	0	12	0	0	0
21	0	83	66	207	60	150	132	0	11	0	0	0
22	0	96	73	240	66	150	132	0	10	0	0	0
23	0	75	71	257	67	141	128	0	9	0	0	0
24	0	73	64	246	71	121	121	0	7	0	0	0
25	0	50	56	269	79	110	141	0	5	0	0	0
26	0	20	56	212	108	124	176	0	4	0	0	0
27	0	15	57	158	150	132	158	4	3	0	0	0
28	0	9	59	154	211	132	145	4	2	0	0	0
29	0	3	63	150	.....	128	196	2	1	0	0	0
30	0	4	65	181	.....	117	246	3	1	0	0	0
31	0		70	202		121		15		0	0	
Mean	0	42	62	144	129	162	157	24	13	0	0	0
Max.	0	96	90	269	211	336	246	252	23	1	0	0
Min.	0	3	4	76	60	96	110	0	1	0	0	0
A.F.	0	2490	3800	8830	7190	9970	9370	1500	777	2	0	0

Total acre-feet 43930

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR CAMBRIDGE
Sec. 28-4-25 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	147	75	251	408	654	445	512	178	41	218	114
2	18	147	84	255	426	618	414	520	320	44	231	117
3	18	154	100	255	408	527	426	491	231	53	267	158
4	22	154	117	256	390	500	420	432	198	56	236	132
5	23	154	148	259	402	510	408	384	206	55	214	110
6	23	154	164	265	402	530	390	287	182	66	226	107
7	24	154	186	276	408	541	408	236	190	70	398	110
8	31	154	200	286	420	548	498	190	202	86	292	110
9	42	158	210	312	414	520	556	161	190	86	226	104
10	48	164	224	349	396	491	618	164	186	78	198	94
11	58	168	238	378	366	485	618	190	182	272	172	86
12	61	154	248	408	344	465	674	172	164	834	144	82
13	64	147	261	429	317	458	626	158	141	1220	123	72
14	74	150	275	410	339	505	548	154	126	308	114	69
15	76	158	290	302	378	452	548	161	112	182	90	72
16	76	161	307	250	439	378	498	182	102	135	86	64
17	80	161	302	260	414	361	420	226	92	114	84	56
18	97	158	292	281	408	322	402	190	82	107	97	55
19	104	161	312	334	378	317	390	175	76	100	97	47
20	114	164	307	380	178	322	390	172	72	110	100	46
21	120	175	305	391	176	334	390	172	74	117	100	44
22	126	202	249	422	196	339	402	168	72	107	92	46
23	123	210	189	433	234	344	402	164	69	94	92	44
24	123	202	170	517	295	344	408	154	66	86	88	43
25	123	158	161	550	338	334	390	141	61	88	86	44
26	132	92	174	528	361	339	356	135	53	94	84	43
27	132	67	201	518	448	339	408	177	48	112	86	42
28	141	62	221	520	558	356	414	1100	48	114	86	41
29	141	65	231	452	.....	366	378	329	47	123	92	38
30	147	67	238	439	.....	384	402	231	41	144	110	38
31	141	.....	246	414	.....	414	.....	190	.....	202	110	.....
Mean	81	147	217	367	366	432	455	262	127	171	150	74
Max.	147	210	312	550	558	654	674	1100	320	1220	398	158
Min.	18	62	75	250	176	317	356	135	41	41	84	38
A.F.	5000	8770	13340	22570	20310	26570	27070	16100	7560	10510	9200	4420

Total acre-feet 171420

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR ORLEANS
Sec. 19-2-19 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	104	57	208	683	500	379	383	205	16	0	0
2	0	104	61	214	667	500	387	437	234	11	11	0
3	0	105	65	217	518	550	379	475	304	10	20	0
4	0	105	75	219	484	586	383	475	275	8	19	0
5	0	110	100	225	454	595	387	446	531	6	17	0
6	0	112	122	230	437	610	379	394	351	4	45	0
7	0	116	143	247	429	615	376	351	330	4	60	0
8	0	118	165	252	429	553	391	297	387	9	120	0
9	0	120	180	270	433	544	458	269	291	30	143	0
10	0	122	193	297	433	506	511	278	254	31	105	3
11	0	133	201	335	425	458	553	269	229	32	95	3
12	0	139	218	373	398	454	548	248	205	135	82	2
13	0	145	235	408	372	454	586	229	185	575	66	0
14	0	139	242	432	365	466	576	220	169	753	38	0
15	0	137	266	418	354	511	525	210	316	395	22	0
16	0	133	273	338	369	493	488	202	236	231	14	0
17	7	147	287	290	442	429	484	220	143	166	20	0
18	38	151	283	292	442	406	446	251	109	129	10	0
19	48	147	273	292	406	383	421	245	83	92	8	0
20	59	137	264	339	320	369	391	213	66	105	4	0
21	66	151	248	393	300	372	383	190	55	116	0	0
22	71	153	238	435	300	372	361	178	50	67	0	0
23	77	162	210	462	310	365	351	178	48	52	0	0
24	82	185	213	535	330	347	358	178	41	43	0	0
25	84	178	202	580	365	344	358	164	138	26	0	0
26	88	86	182	648	421	347	340	147	72	14	0	0
27	89	69	174	649	425	347	330	141	40	14	0	0
28	89	56	166	652	497	347	330	2980	30	12	0	0
29	92	57	174	640	.....	344	387	2340	26	6	0	0
30	95	54	185	622	.....	344	446	715	21	4	0	0
31	100	.....	196	642	.....	358	.....	330	.....	3	0	.....
Mean	35	122	190	392	422	447	423	440	181	100	29	0
Max.	100	185	287	652	683	615	586	2980	531	753	143	3
Min.	0	54	57	208	300	344	330	141	21	3	0	0
A.F.	2150	7290	11680	24110	23420	27510	25170	27080	10760	6140	1780	20

Total acre-feet 167110

HARLAN COUNTY RESERVOIR STORAGE IN ACRE-FEET

From Republican River—Sec. 11-1-17 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1300	1300	6350	12480	19320	17670	42270	63600	109300	130100	135100	123800
2	1300	1300	6260	12790	19200	18970	43010	64340	111700	129300	134300	123000
3	1300	1300	5870	13020	18970	20720	43570	64830	114800	129300	133500	123000
4	1300	1300	5870	13280	18540	21920	44140	65820	116600	129300	132700	123000
5	1300	1300	5680	13550	17880	23300	44700	66820	118000	129300	132000	122300
6	1300	1300	6020	13900	17230	24340	45460	67560	119800	127800	132700	121600
7	1300	1300	6060	14170	17020	25540	46020	68300	120900	126700	132000	121600
8	1300	1300	6160	14520	17120	26620	46800	68800	123800	126000	131200	120900
9	1300	1300	6260	14890	17120	27630	47600	69320	126000	126000	131200	120100
10	1300	1300	6260	15290	17230	28490	48400	69320	127500	125200	132000	120900
11	1300	1300	6350	15700	17230	29350	49400	70360	128200	125200	132700	120100
12	1300	1300	6450	16200	17230	30260	50200	70880	129000	126000	132700	120100
13	1300	1300	6540	16700	17120	31030	51250	70880	129300	126000	132700	120100
14	1300	3860	6850	17230	16910	31940	52100	71140	130100	128200	132700	119400
15	1300	4400	7160	17780	17020	32720	53160	71660	130500	130500	132000	119400
16	1300	4480	7480	17990	16600	33530	53790	71920	131600	131200	131200	118300
17	1300	4560	7800	18100	16500	34660	54220	72180	132000	132000	131200	118000
18	1300	4890	8150	18210	16500	35140	55320	72440	132000	132000	130500	118000
19	1300	5110	8500	18100	16500	35800	56200	72960	132000	132000	129700	117600
20	1300	5420	8840	17990	16300	36480	56880	73480	132000	132000	129700	117200
21	1300	5550	9220	17990	15900	36990	57560	73480	131200	132000	129000	116900
22	1300	5680	9470	18210	15090	37680	58220	74000	130800	135100	129000	115900
23	1300	6160	9850	18540	14510	38360	58670	74000	130500	138200	128200	115500
24	1300	6350	10240	18860	14080	38700	59120	74000	130500	139000	127500	115200
25	1300	6500	10510	19440	13900	39220	59820	74540	130500	139000	126700	115200
26	1300	6540	10930	19670	14610	39400	60060	74540	130500	138200	126700	114800
27	1300	6350	11200	20260	15590	39760	60780	74540	130500	138200	126000	114500
28	1300	6350	11480	20720	16600	40300	61240	74820	130500	138200	125200	114100
29	1300	6350	11790	20720	.....	40840	61720	82280	130100	137400	125200	113800
30	1300	6350	12020	20370	.....	41190	62660	94120	130100	136600	124500	113800
31	1300	.....	12320	20020	.....	41730	.....	103600	.....	135800	123800	.....

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER BELOW HARLAN COUNTY DAM

Sec. 6-1-16 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	..	..	60	75	789	34	28	30	32	72	266	156
2	..	..	63	75	828	34	28	30	34	94	266	167
3	..	..	65	75	848	35	28	33	30	183	261	170
4	..	..	70	75	868	33	28	32	30	217	261	139
5	..	..	72	75	858	33	28	32	33	221	256	83
6	..	98	74	76	741	33	26	30	32	221	251	83
7	..	..	76	75	472	32	29	29	40	221	215	83
8	..	..	75	80	472	33	28	30	35	221	150	83
9	..	..	72	80	480	33	28	29	32	217	147	83
10	..	81	70	90	472	34	28	30	29	192	147	83
11	..	..	74	100	472	35	28	29	29	202	150	83
12	..	..	67	98	464	35	28	29	29	199	153	83
13	..	..	65	90	464	35	26	29	28	206	150	98
14	..	..	60	100	464	35	25	29	29	206	150	118
15	..	..	65	100	464	35	25	29	29	210	150	121
16	..	..	74	120	464	35	26	29	29	214	147	118
17	..	..	68	150	464	35	28	30	28	217	161	116
18	..	56	78	200	464	35	28	29	26	217	176	114
19	..	..	70	250	456	35	26	29	45	217	176	104
20	..	..	60	270	430	35	26	29	126	217	180	104
21	..	..	65	270	390	37	26	30	126	210	164	107
22	..	..	65	266	364	37	26	29	124	206	136	107
23	..	..	68	286	357	38	28	30	114	202	136	107
24	..	..	65	299	342	38	28	30	85	206	136	90
25	..	..	60	299	205	40	29	29	80	206	134	65
26	..	..	60	340	35	38	29	29	74	206	134	60
27	..	..	60	514	34	37	29	30	72	206	136	50
28	..	..	60	690	34	38	29	30	72	210	142	45
29	..	..	65	789	....	38	30	28	74	217	153	47
30	..	..	73	750	....	37	30	30	72	221	150	48
31	..	..	70	769	....	34	..	30	..	266	150	....
Mean	..	..	67	243	471	35	28	30	54	204	174	97
Max.	..	..	78	789	868	40	30	33	126	266	266	170
Min.	..	..	60	75	34	32	25	28	26	72	134	45
A.F.	..	..	4140	14930	26170	2170	1640	1830	3210	12540	10680	5780

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR BLOOMINGTON
Sec. 8-1-15 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	90	69	80	804	80	53	52	40	93	278	138
2	17	93	73	80	804	80	48	53	50	90	274	165
3	16	96	77	81	792	90	52	57	41	151	278	203
4	15	93	80	84	786	85	50	57	41	197	270	177
5	14	103	81	84	780	77	50	57	61	200	274	108
6	14	106	85	82	764	75	50	53	50	200	274	96
7	17	110	85	79	496	68	57	50	111	203	274	93
8	18	127	86	89	484	66	57	48	358	220	162	93
9	19	121	83	96	479	64	57	47	114	220	150	88
10	18	121	76	103	468	62	53	52	75	193	150	86
11	19	124	77	98	468	62	52	108	66	210	156	86
12	18	138	76	91	468	61	52	86	59	200	141	88
13	18	147	83	89	468	61	48	62	55	190	138	88
14	21	150	83	108	474	68	50	55	50	190	138	113
15	22	88	87	97	479	62	45	53	48	190	138	119
16	22	68	85	139	479	61	45	48	73	190	138	119
17	21	73	78	195	479	59	48	52	48	193	138	119
18	21	75	85	247	484	57	48	52	40	193	156	119
19	21	73	82	271	470	57	47	50	37	203	156	110
20	23	75	81	281	450	55	44	47	92	217	159	110
21	40	73	76	281	400	59	44	44	121	203	159	110
22	50	73	78	283	380	59	42	42	124	200	133	110
23	57	70	75	288	400	55	42	42	124	197	133	110
24	64	70	70	307	447	55	44	44	103	197	133	106
25	68	51	65	325	396	57	44	41	103	197	130	73
26	75	45	66	375	121	55	45	42	124	193	127	68
27	77	41	65	466	90	53	45	42	106	190	127	62
28	81	39	65	682	84	52	44	41	106	190	127	57
29	81	52	68	880	.....	53	55	84	100	203	141	52
30	84	61	69	831	.....	59	55	57	96	203	138	59
31	86	.....	75	817	.....	64	.....	45	.....	256	138	.....
Mean	37	88	77	258	489	64	49	54	87	193	172	104
Max.	86	150	87	880	804	90	57	108	358	256	278	203
Min.	14	39	65	79	84	52	42	41	37	90	127	52
A.F.	2250	5250	4730	15890	27160	3910	2910	3300	5190	11850	10570	6200

Total acre-feet 99210

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR GUIDE ROCK
Sec. 7-1-9 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	93	108	133	901	175	102	85	72	70	60	52
2	14	93	115	133	855	175	93	72	65	48	85	57
3	20	96	120	132	767	175	85	70	65	44	132	644
4	19	108	126	131	746	175	80	75	63	33	161	265
5	18	90	132	130	767	175	77	80	72	93	190	155
6	18	90	142	130	775	175	77	77	82	126	132	122
7	25	137	110	135	760	175	77	72	279	139	144	77
8	32	107	107	140	552	175	93	63	1660	148	151	76
9	32	122	119	150	517	155	102	56	470	161	123	82
10	33	135	135	160	528	150	96	56	241	155	70	85
11	35	135	126	170	528	150	93	60	125	138	82	82
12	36	141	141	175	528	150	93	60	141	148	80	77
13	42	148	135	180	528	130	93	75	96	148	80	70
14	50	165	100	170	534	130	90	75	72	119	77	70
15	52	182	113	150	528	130	85	68	68	99	75	70
16	54	172	151	135	528	130	82	65	63	77	77	96
17	56	201	158	150	517	130	80	72	56	72	80	102
18	58	132	158	170	546	130	90	75	63	56	80	96
19	58	126	143	190	546	130	93	72	39	38	77	102
20	60	126	120	210	500	120	93	63	28	65	93	93
21	65	132	116	240	450	120	88	52	25	99	107	68
22	65	141	142	260	450	120	77	46	65	102	102	68
23	65	143	136	280	500	120	75	42	96	93	80	68
24	68	145	136	320	719	117	85	40	102	75	65	72
25	68	143	122	350	534	100	85	44	107	68	65	90
26	70	135	130	400	454	100	75	48	77	60	56	73
27	77	97	132	395	291	100	75	82	70	58	40	40
28	82	89	128	438	210	80	72	115	88	54	32	44
29	92	93	132	558	.....	99	80	68	80	22	32	45
30	107	104	134	712	.....	99	85	70	72	19	32	45
31	102	.....	132	825	.....	102	.....	90	.....	58	40	.....
Mean	51	127	129	253	574	135	86	67	153	87	87	103
Max.	107	201	158	825	901	175	102	115	1660	161	190	644
Min.	14	89	100	130	210	80	72	40	25	19	32	40
A.F.	3150	7580	7930	15570	31850	8310	5100	4140	9130	5330	5360	6120

Total acre-feet 109570

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR HARDY
Sec. 6-15-5 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	39	130	115	130	1000	289	144	125	87	89	35	31
2	36	127	120	130	1100	232	140	118	90	76	39	34
3	36	133	120	130	1000	213	144	107	82	78	54	1100
4	32	137	130	135	930	213	136	100	76	60	130	845
5	30	144	135	135	862	236	128	107	96	63	205	344
6	30	151	140	140	844	220	132	107	96	73	209	201
7	32	151	150	145	799	206	128	103	170	119	197	161
8	36	167	115	150	758	187	132	90	4870	128	173	132
9	42	159	130	160	598	182	148	84	1570	142	165	115
10	50	159	145	165	542	173	157	79	704	153	149	109
11	51	178	140	170	526	178	144	73	458	157	135	106
12	51	182	150	180	518	178	144	76	285	157	119	100
13	51	182	140	185	502	173	132	73	197	165	106	95
14	51	187	110	190	510	178	125	82	153	181	100	89
15	53	196	150	160	510	182	107	100	135	161	95	83
16	55	200	160	150	502	178	114	90	157	135	95	78
17	55	242	170	175	494	173	107	100	119	109	86	83
18	57	237	170	190	518	165	103	110	103	100	86	92
19	60	170	160	210	520	157	114	107	103	92	86	95
20	62	155	140	235	520	148	114	103	138	132	78	95
21	65	148	130	255	520	144	118	90	119	145	89	98
22	65	144	150	280	540	144	118	76	89	132	95	98
23	67	151	150	300	614	144	114	73	83	149	98	95
24	72	155	145	320	880	144	121	65	119	145	98	92
25	79	155	130	350	766	132	128	65	138	128	70	89
26	87	150	130	380	638	132	121	62	142	119	60	86
27	87	135	130	460	542	136	110	448	115	109	54	89
28	93	110	130	600	400	132	107	345	100	92	45	86
29	101	100	130	700	.....	93	118	192	98	70	39	80
30	107	110	130	800	.....	118	121	107	100	60	31	70
31	124	.....	130	900	.....	136	.....	90	.....	43	24	.....
Mean	60	158	138	278	659	171	126	114	360	115	97	162
Max.	124	242	170	900	1100	289	157	448	4870	181	209	1100
Min.	30	100	110	130	400	93	103	62	76	43	24	31
A.F.	3680	9410	8480	17080	36600	10540	7480	7040	21410	7070	5990	9660

Total acre-feet 144440

DISCHARGE IN SECOND-FEET OF ROCK CREEK NEAR PARKS
Sec. 21-1-39 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	14	14	14	15	17	16	15	14	11	12	12
2	13	14	14	14	15	16	16	15	17	11	12	12
3	13	14	14	14	15	16	15	15	17	11	12	12
4	12	13	16	14	15	16	15	14	14	11	12	12
5	12	14	17	14	16	16	15	14	14	11	12	13
6	12	13	15	14	15	16	15	14	14	12	12	13
7	12	14	15	14	15	16	16	14	14	12	12	13
8	13	14	15	14	15	16	17	13	14	12	12	13
9	13	14	14	14	15	16	17	13	13	12	12	13
10	13	14	14	15	14	16	16	13	13	12	12	13
11	13	13	14	15	14	16	17	12	13	12	12	13
12	13	14	14	15	14	16	17	12	13	13	12	13
13	13	14	14	14	13	16	17	13	12	12	11	12
14	13	13	14	14	13	17	16	13	12	12	11	12
15	13	13	15	12	13	16	15	13	12	12	12	13
16	13	13	15	13	13	16	14	15	12	12	14	13
17	13	14	15	15	13	16	14	14	12	12	14	13
18	13	14	14	16	13	16	15	14	12	12	13	13
19	13	13	14	17	12	16	15	14	11	12	13	12
20	13	13	14	16	9	16	14	14	12	12	13	12
21	13	14	15	16	8	16	14	13	12	12	13	12
22	13	14	15	16	10	16	13	13	12	12	13	12
23	13	14	14	16	12	16	13	13	12	12	13	13
24	13	14	13	16	13	15	14	14	12	12	13	13
25	13	11	13	16	14	15	14	14	12	12	13	13
26	13	12	14	16	17	15	13	14	11	12	12	13
27	13	13	14	16	19	14	13	14	11	12	12	13
28	13	14	15	15	18	15	14	14	11	12	12	13
29	14	14	14	15	.....	15	17	14	11	12	12	13
30	14	14	14	15	.....	15	17	14	11	11	12	13
31	14	.....	14	15	.....	16	.....	14	.....	11	12	.....
Mean	13	14	14	15	14	16	15	14	13	12	12	13
Max.	14	14	17	17	19	17	17	15	17	13	14	13
Min.	12	11	13	12	8	14	13	12	11	11	11	12
A.F.	797	805	885	912	770	972	900	843	754	726	658	754

Total acre-feet 9880

DISCHARGE IN SECOND-FEET OF SALT CREEK NEAR LINCOLN
Sec. 12-10-6 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	56	58	66	75	200	109	82	274	98	32	51	70
2	61	59	71	78	174	98	130	274	75	32	51	100
3	50	59	75	78	168	90	113	252	75	33	56	168
4	48	59	80	75	259	100	100	203	71	100	56	90
5	50	59	92	80	266	168	96	137	94	70	58	54
6	50	59	90	77	274	193	90	132	82	56	64	58
7	54	59	86	75	274	200	96	127	64	51	145	60
8	54	64	98	73	238	117	96	117	339	50	132	31
9	58	58	98	75	193	115	124	96	200	50	100	30
10	61	68	92	75	248	111	180	224	120	50	80	38
11	56	68	96	69	234	122	127	159	73	53	50	45
12	62	70	92	73	153	113	98	106	66	51	56	40
13	59	73	92	94	82	115	102	96	62	53	62	35
14	54	77	64	88	90	120	86	86	59	54	61	40
15	54	71	64	84	104	115	77	75	58	56	61	38
16	58	78	66	71	84	113	80	71	61	59	58	36
17	54	161	61	73	50	106	80	111	48	59	58	37
18	69	122	58	64	80	102	75	94	45	61	61	37
19	54	90	61	64	77	92	78	75	44	62	58	38
20	54	78	62	78	84	100	78	78	41	68	56	31
21	58	66	56	90	42	96	78	80	48	759	56	40
22	58	62	56	82	53	102	77	77	53	159	53	37
23	56	59	59	75	94	84	75	77	50	111	53	30
24	58	61	68	90	117	92	137	75	59	45	53	33
25	58	59	78	80	111	86	180	86	58	44	51	34
26	58	54	66	78	129	86	94	98	66	45	51	33
27	61	56	66	86	142	82	84	456	96	45	53	29
28	58	59	66	90	132	82	77	401	33	48	48	33
29	58	58	77	98	.....	80	187	263	30	50	52	34
30	58	61	75	115	.....	78	252	190	31	50	56	31
31	58	...	71	280	.....	127	...	134	...	53	50	...
Mean	57	70	74	86	148	109	108	152	77	81	63	47
Max.	69	161	98	280	274	200	252	456	339	759	145	168
Min.	48	54	56	64	42	78	75	71	30	32	48	29
A.F.	3480	4140	4570	5320	8240	6730	6400	9370	4560	4980	3870	2800

Total acre-feet 64460

DISCHARGE IN SECOND-FEET OF SALT CREEK NEAR ROCA
Sec. 17-8-7 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	8	11	6	75	14	20	38	17	4	3	2
2	4	7	12	8	50	12	15	22	8	4	3	2
3	4	7	15	9	38	16	19	20	9	4	3	4
4	4	8	17	9	58	18	18	20	17	6	3	4
5	5	7	17	9	90	16	19	16	8	5	3	2
6	4	8	17	10	120	26	14	17	15	4	17	2
7	5	7	19	12	205	96	15	14	16	4	16	2
8	5	7	22	11	130	76	15	15	335	4	10	2
9	4	7	20	10	98	60	16	13	48	3	5	2
10	4	7	15	10	136	34	18	14	10	3	4	2
11	5	7	17	12	40	23	17	14	12	3	5	2
12	5	7	14	14	22	21	16	12	7	4	5	2
13	6	7	14	13	20	19	14	12	6	4	4	2
14	6	8	12	12	26	21	14	11	6	16	4	2
15	5	8	9	11	21	20	13	11	6	8	4	2
16	5	10	9	5	18	19	12	11	6	8	4	2
17	5	11	10	5	17	17	13	13	5	8	4	2
18	5	16	10	7	15	16	12	16	5	8	4	2
19	4	10	7	11	16	14	12	12	5	7	3	2
20	3	8	8	11	16	15	13	12	4	8	3	2
21	3	8	7	12	16	15	13	11	4	32	3	2
22	4	9	6	12	16	15	14	11	4	9	2	2
23	4	9	8	11	15	16	13	10	5	4	2	2
24	7	9	6	16	19	14	14	20	4	2	2	2
25	7	9	7	15	18	11	16	9	4	3	2	2
26	7	9	7	14	18	13	17	16	5	3	2	2
27	7	10	7	19	16	14	14	323	5	3	2	2
28	7	10	8	24	16	14	14	184	5	3	2	2
29	7	10	10	48	...	12	16	133	5	3	2	2
30	7	11	11	70	.....	14	40	12	4	3	2	2
31	8	...	6	100	.....	15	...	10	...	3	2	...
Mean	5	9	12	17	48	23	16	34	20	6	4	2
Max.	8	16	22	100	205	96	40	323	335	32	17	4
Min.	3	7	6	5	15	11	12	9	4	2	2	2
A.F.	322	511	709	1060	2670	1400	944	2090	1170	362	260	115

Total acre-feet 11610

DISCHARGE IN SECOND-FEET OF SAPPA CREEK NEAR BEAVER CITY
Sec. 14-1-23 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	1	4	7	7	4	36	656	17	4	0.4
2	0	0	2	4	7	4	5	17	263	14	4	.3
3	0	6	2	4	7	6	5	11	144	11	3	.2
4	0	2	2	4	7	7	5	8	123	11	2	.2
5	0	2	2	2	7	8	5	6	99	11	2	.2
6	0	1	2	2	6	8	4	6	347	9	9	.2
7	0	1	1	2	6	7	5	6	243	9	93	.1
8	0	1	2	3	6	7	6	6	232	8	84	.1
9	1	1	2	4	6	7	7	5	85	9	106	.1
10	1	1	2	4	5	7	8	5	91	8	60	.0
11	1	1	2	4	4	8	7	5	93	98	28	.1
12	1	2	2	4	4	8	7	6	60	193	16	.4
13	1	2	2	4	4	7	6	6	42	216	10	.3
14	1	2	2	4	5	7	6	6	34	277	8	.1
15	1	2	2	3	4	6	5	5	28	114	5	.0
16	1	1	4	2	4	5	5	5	24	92	5	.0
17	1	1	4	4	4	5	5	6	22	64	5	.0
18	1	1	4	4	4	5	5	6	19	34	3	.0
19	1	1	4	4	4	5	5	6	20	24	2	.0
20	1	1	2	4	3	4	4	5	16	504	2	.0
21	0	1	2	4	4	4	5	5	14	552	2	.0
22	0	2	2	4	4	4	5	5	13	265	2	.0
23	1	2	2	4	5	4	4	5	12	96	1	.0
24	1	1	2	4	6	3	4	5	11	36	2	.0
25	1	1	2	6	7	4	4	4	41	18	2	.0
26	1	1	3	6	7	4	4	4	29	13	2	.0
27	4	0	3	6	7	4	4	5	32	10	2	.0
28	1	0	3	6	7	4	4	68	20	8	1	.0
29	1	1	3	6	..	4	5	497	19	7	1	.0
30	1	1	3	7	..	4	9	965	22	6	1	.0
31	1	..	4	7	..	4	..	1110	..	5	0	..
Mean	1	1	2	4	6	6	5	92	95	88	15	.0
Max.	4	6	4	7	7	8	9	1110	656	552	106	.4
Min.	0	0	1	2	3	3	4	4	11	5	0	.0
A.F.	50	79	155	252	305	340	310	5620	5660	5430	927	5.4

Total acre-feet 19133

DISCHARGE IN SECOND-FEET OF SAPPA CREEK NEAR STAMFORD
Sec. 23-2-20 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	6	5	6	17	10	14	37	888	25	12	2
2	1	4	6	6	20	10	14	24	970	30	13	2
3	2	2	6	7	22	10	14	38	471	23	12	3
4	2	3	7	7	21	15	14	34	238	20	8	2
5	1	2	7	7	23	17	14	29	353	16	7	2
6	1	8	8	7	31	18	14	23	356	14	6	2
7	1	6	8	8	29	17	15	22	408	13	48	2
8	1	4	8	7	20	17	15	20	480	12	94	1
9	1	3	9	8	18	16	17	18	373	14	80	1
10	1	3	9	8	18	14	18	22	160	13	111	0
11	1	4	9	9	20	16	18	22	131	26	142	0
12	1	3	9	10	22	16	18	20	132	87	83	0
13	1	4	9	10	14	16	18	20	98	268	39	0
14	1	4	7	11	13	17	17	18	69	258	21	0
15	1	4	6	11	11	16	16	18	61	282	14	0
16	1	3	7	8	10	15	15	18	52	208	11	0
17	1	4	6	8	12	14	15	20	43	179	10	0
18	1	4	6	9	9	14	14	19	40	106	8	0
19	1	4	6	10	8	14	14	17	37	69	12	0
20	2	4	7	10	8	14	13	17	35	181	11	0
21	1	4	7	11	8	16	14	16	35	778	7	0
22	1	5	7	12	10	15	14	13	28	623	6	0
23	2	5	7	12	10	13	14	12	26	348	4	0
24	2	6	6	13	11	12	14	12	26	185	4	0
25	1	4	6	14	13	12	14	11	125	90	4	0
26	1	4	6	14	17	10	14	10	53	52	3	0
27	2	4	5	15	12	11	13	10	58	38	3	0
28	2	4	5	16	10	12	13	291	45	28	3	0
29	1	4	5	15	....	13	15	320	43	23	3	0
30	2	5	6	16	....	13	58	290	32	18	2	0
31	3	..	6	18	....	13	....	778	..	14	2	..
Mean	1	4	7	10	16	14	16	72	196	130	25	1
Max.	3	8	9	18	31	18	58	778	970	778	142	3
Min.	1	2	5	6	8	10	13	10	26	12	2	0
A.F.	87	244	415	639	863	864	972	4400	11640	8020	1550	32

Total acre-feet 29730

DISCHARGE IN SECOND-FEET OF SHEEP CREEK NEAR MORRILL
Sec. 16-23-57 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	148	132	118	99	104	93	86	86	4	6	21	9
2	150	131	117	99	105	91	86	87	4	13	92	15
3	149	131	119	100	102	90	86	86	4	26	34	5
4	148	130	120	103	101	94	86	86	4	5	8	5
5	146	128	117	105	98	98	88	86	4	5	7	5
6	146	127	116	103	97	97	88	86	4	5	6	5
7	145	127	115	105	97	95	90	85	101	5	6	5
8	145	126	114	105	96	94	90	51	122	5	6	5
9	143	126	113	106	98	94	90	3	104	5	5	5
10	143	126	111	107	97	94	86	3	102	5	20	4
11	144	129	113	109	99	94	85	3	99	5	132	4
12	145	132	115	109	99	93	84	2	97	4	113	4
13	146	135	116	107	98	93	84	2	44	4	95	4
14	147	131	117	106	97	93	83	2	39	4	12	4
15	148	131	116	103	98	92	82	2	63	4	51	4
16	149	126	115	101	96	92	82	2	6	4	103	4
17	145	133	114	101	98	92	83	2	5	5	102	4
18	142	131	114	102	98	92	84	2	5	5	41	4
19	138	129	113	108	98	90	85	2	40	5	8	4
20	136	131	111	104	95	90	85	2	83	5	9	4
21	136	132	108	102	94	91	85	2	80	5	9	4
22	135	127	106	103	95	91	84	3	31	4	9	4
23	133	125	104	103	94	92	84	3	6	4	8	4
24	134	123	103	103	92	90	80	3	6	4	10	4
25	135	121	100	103	91	90	80	3	6	4	9	4
26	136	118	99	102	94	88	79	3	5	4	9	4
27	137	118	97	102	94	86	79	3	14	4	10	46
28	139	118	97	103	92	86	82	4	79	4	10	121
29	140	118	97	104	....	86	88	4	33	4	10	121
30	139	118	97	106	....	87	91	4	4	54	9	120
31	139		98	103		86		4		44	10	....
Mean	142	127	110	104	97	91	85	23	40	8	31	18
Max.	150	135	120	109	105	98	91	87	122	54	132	121
Min.	133	118	97	99	91	86	79	2	4	4	5	4
A.F.	8740	7560	6760	6380	5390	5620	5050	1420	2370	513	1920	1050

Total acre-feet 52770

DISCHARGE IN SECOND-FEET OF SHELL CREEK NEAR NEWMAN GROVE
Sec. 2-20-4 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	1	1	2	2	6	2	20	7	2	2	2
2	2	1	1	2	2	4	3	10	4	1	2	1
3	2	1	2	2	2	2	2	7	106	0	2	1
4	2	1	2	2	2	2	1	5	13	13	2	0
5	2	1	2	2	2	2	1	5	4	3	2	0
6	1	1	2	2	2	3	1	4	3	2	2	1
7	1	1	2	2	3	6	1	4	230	0	1	1
8	1	1	2	2	3	6	2	4	530	11	1	1
9	1	1	2	2	3	7	1	4	18	2	1	1
10	1	1	2	2	3	14	1	950	8	4	1	1
11	1	1	2	2	3	6	1	140	6	4	2	1
12	1	1	2	2	2	3	1	10	500	33	1	0
13	1	1	2	2	2	2	2	9	85	109	1	1
14	1	1	2	2	2	2	2	8	17	6	1	1
15	1	1	2	2	2	2	2	10	14	3	2	1
16	1	1	2	2	2	1	3	71	11	3	2	0
17	1	1	2	2	2	1	2	15	11	15	2	0
18	1	1	2	2	2	2	2	16	11	4	2	0
19	1	1	2	2	2	2	2	8	10	3	2	0
20	1	1	2	2	1	2	2	7	7	3	2	0
21	1	1	2	2	1	2	2	7	5	3	2	0
22	1	1	2	2	1	3	2	6	4	3	2	0
23	1	1	2	2	2	3	2	6	4	2	2	0
24	1	1	2	2	2	2	4	6	444	2	2	0
25	1	1	2	2	2	2	7	6	71	2	2	0
26	1	1	2	2	5	2	4	6	5	2	1	0
27	1	1	2	2	7	2	4	6	3	3	1	0
28	1	1	2	2	8	2	4	104	3	2	2	0
29	1	2	2	2	..	2	80	28	3	3	2	0
30	1	2	2	2	..	2	45	8	2	3	1	0
31	1		2	2		2		6		3	1	
Mean	1	1	2	2	3	3	6	48	71	8	2	1
Max.	2	2	2	2	8	14	80	950	530	109	2	2
Min.	1	1	1	2	1	1	1	4	2	0	1	0
A.F.	72	75	109	99	143	198	368	2970	4240	492	96	30

Total acre-feet 8890

DISCHARGE IN SECOND-FEET OF SHELL CREEK NEAR COLUMBUS
Sec. 23-18-1 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	13	10	16	18	43	20	317	28	19	8	4
2	5	11	11	17	21	34	22	140	23	17	6	6
3	11	11	11	18	19	32	25	78	21	16	7	7
4	10	12	11	18	20	30	41	76	20	15	9	8
5	8	12	12	19	22	25	35	65	55	15	8	10
6	6	12	12	18	22	30	26	46	39	14	58	10
7	8	12	12	18	23	44	22	38	29	17	126	10
8	8	14	13	18	27	57	22	33	136	14	31	8
9	10	11	13	18	29	77	24	28	532	14	19	7
10	11	11	14	18	30	146	35	28	310	12	12	6
11	11	14	12	18	33	142	40	166	56	13	14	6
12	12	11	11	19	33	93	29	869	35	15	12	5
13	13	12	11	19	33	51	24	238	112	14	10	6
14	10	13	10	20	29	42	22	60	402	24	11	6
15	10	14	11	14	33	44	22	44	90	57	12	6
16	8	15	11	20	29	39	22	39	35	22	10	6
17	9	15	11	15	27	32	25	38	27	16	8	5
18	11	14	11	15	26	29	24	62	23	14	7	6
19	9	14	10	15	28	27	22	42	20	11	8	6
20	8	15	13	16	27	26	21	33	19	14	7	4
21	10	12	13	15	36	23	20	101	19	14	7	4
22	10	11	15	15	27	23	18	94	18	20	8	4
23	10	12	16	16	32	22	19	41	18	16	7	4
24	13	13	16	16	28	23	19	37	31	12	7	4
25	11	14	17	16	30	22	19	32	228	11	7	4
26	9	16	16	17	35	20	51	30	391	10	6	3
27	11	14	16	17	41	19	35	28	63	12	6	4
28	12	10	16	17	54	19	28	26	30	9	6	4
29	12	10	16	17	...	19	91	25	23	7	6	4
30	10	10	16	19	...	20	636	58	20	6	5	5
31	10	...	17	19	...	20	...	46	...	7	5	...
Mean	10	13	13	17	29	41	49	95	95	15	15	6
Max.	13	16	17	20	54	146	636	869	532	57	126	10
Min.	5	10	10	14	18	19	18	25	18	6	5	3
A.F.	599	750	801	1060	1610	2520	2890	5870	5660	945	899	345

Total acre-feet 23950

DISCHARGE IN SECOND-FEET OF SILVER CREEK NEAR ITHACA
Sec. 28-14-8 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	8	8	10	7	9	10	10	7	6	6	5
2	8	7	8	9	7	9	10	9	7	6	6	5
3	8	7	10	7	7	9	10	9	7	6	6	5
4	8	7	9	8	7	9	9	8	7	6	6	5
5	8	8	8	8	8	9	9	8	8	6	6	5
6	7	7	8	8	8	8	9	8	7	6	8	5
7	7	7	8	8	8	8	9	8	7	6	11	5
8	7	7	8	8	7	8	9	8	7	5	9	5
9	7	7	8	8	11	9	9	8	7	6	8	5
10	7	7	8	8	12	9	9	8	8	6	7	5
11	7	8	8	8	13	9	9	8	7	6	6	5
12	7	8	8	8	12	9	9	8	7	6	6	5
13	7	7	8	8	10	9	9	7	8	6	6	5
14	7	7	8	8	9	9	9	7	7	6	6	5
15	7	7	8	7	8	9	8	8	7	6	6	5
16	7	8	9	7	8	9	9	8	7	6	6	5
17	7	9	8	7	8	9	9	8	7	6	6	5
18	7	8	8	8	9	9	8	8	7	6	6	5
19	7	8	8	7	9	9	9	8	7	6	5	4
20	7	8	8	7	10	9	8	8	7	6	5	4
21	7	8	8	8	10	9	8	8	7	6	5	4
22	7	8	7	9	9	9	8	8	7	6	5	4
23	7	8	6	8	9	9	8	8	7	6	5	4
24	8	8	6	8	9	9	8	8	7	6	5	4
25	7	8	6	8	9	8	8	8	6	6	5	4
26	7	8	7	7	9	8	8	8	6	6	5	4
27	7	7	7	7	9	9	8	7	6	6	5	4
28	7	6	7	6	9	9	8	7	6	6	5	4
29	7	7	8	7	...	9	9	7	6	6	5	4
30	7	8	8	7	...	9	11	7	6	6	5	4
31	7	...	8	7	...	10	...	8	...	6	5	...
Mean	7	8	8	8	9	9	9	8	7	6	6	5
Max.	8	9	10	10	13	10	11	10	8	6	11	5
Min.	7	6	6	6	7	8	8	7	6	5	5	4
A.F.	452	452	483	473	500	546	529	476	417	360	364	275

Total acre-feet 5330

DISCHARGE IN SECOND-FEET OF SNAKE RIVER NEAR BURGE
Sec. 20-31-31 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	219	230	251	254	299	262	235	468	222	211	232	217
2	222	230	257	262	302	230	285	471	246	211	230	217
3	222	224	257	265	302	251	271	436	285	230	230	219
4	224	222	271	265	296	260	257	405	251	227	224	219
5	227	224	260	268	317	271	262	341	246	224	217	219
6	227	230	268	243	302	265	268	305	257	230	217	219
7	222	230	271	243	288	268	288	282	276	230	217	219
8	222	230	276	265	276	274	311	268	285	249	214	217
9	224	230	265	257	274	338	308	262	268	251	211	222
10	222	230	254	262	178	427	294	265	276	240	217	235
11	222	224	243	271	214	494	271	257	271	235	222	230
12	227	227	240	274	273	517	257	251	268	238	219	222
13	230	224	238	285	267	455	251	246	251	230	211	219
14	238	222	238	268	262	433	260	243	265	224	209	217
15	246	222	240	145	259	362	296	240	262	222	211	217
16	232	230	240	260	260	323	262	246	224	227	232	222
17	235	257	235	220	268	323	271	274	211	254	243	222
18	232	276	235	290	245	320	271	285	211	238	238	222
19	230	240	235	282	171	299	268	279	227	230	243	222
20	227	232	236	276	129	274	257	276	282	224	246	227
21	230	235	231	279	191	282	249	268	243	222	222	224
22	222	249	239	282	238	271	249	271	235	232	209	224
23	224	232	233	285	279	268	246	254	230	243	209	222
24	227	227	234	271	291	257	323	254	224	222	214	224
25	227	224	239	274	282	249	299	246	222	217	219	230
26	230	159	240	285	285	249	268	243	217	217	214	230
27	232	209	235	294	335	246	257	265	214	285	209	230
28	232	238	238	302	335	243	262	251	214	262	211	227
29	230	249	243	296	.....	243	332	243	214	254	214	230
30	227	257	251	294	.....	249	414	235	211	305	214	230
31	230	.....	254	311	.....	243	.....	222	.....	240	217	.....
Meai	228	230	247	269	265	305	278	286	244	236	220	223
Max.	246	276	276	311	335	517	414	471	285	305	246	235
Min.	219	159	231	145	129	230	235	222	211	211	209	217
A.F.	14010	13710	15170	16520	14710	18740	16550	17560	14500	14530	13560	13280

Total acre-feet 182840

DISCHARGE IN SECOND-FEET OF SPOTTED TAIL CREEK, DRY, NEAR MITCHELL—Sec. 28-23-56 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	136	60	45	38	42	39	30	28	53	25	55	46
2	128	60	45	37	43	39	32	27	45	29	62	45
3	128	62	46	38	42	38	31	28	39	35	43	48
4	126	62	45	39	43	38	30	28	46	41	45	46
5	126	62	45	43	42	38	30	27	50	45	43	46
6	128	62	45	45	42	39	30	25	76	43	33	46
7	126	62	45	49	42	38	33	24	187	41	34	43
8	96	59	56	50	42	37	33	26	74	43	39	42
9	72	59	56	52	41	37	34	26	56	47	43	46
10	71	59	43	52	41	37	34	21	51	46	92	47
11	68	56	42	52	41	36	33	24	50	48	195	47
12	67	52	43	52	41	36	32	24	48	59	113	46
13	65	51	43	51	41	36	32	24	36	52	68	44
14	73	51	43	49	41	33	29	22	43	48	64	44
15	77	51	43	46	40	34	30	33	38	51	72	45
16	82	51	41	51	41	36	31	43	27	58	72	46
17	80	52	41	50	41	33	34	43	25	57	70	46
18	80	52	40	50	43	32	34	38	25	48	67	48
19	80	52	39	54	36	33	33	34	50	43	69	53
20	79	51	40	52	41	33	32	44	59	38	70	49
21	77	52	38	50	41	31	31	46	48	37	70	47
22	74	51	38	49	40	30	30	45	40	36	72	46
23	73	50	38	48	40	30	28	64	36	41	73	46
24	72	50	38	49	38	29	24	91	44	41	75	41
25	68	48	36	49	38	30	24	77	43	42	58	39
26	64	47	36	48	39	30	28	48	51	46	45	48
27	64	47	38	45	38	31	28	51	39	48	46	71
28	64	47	38	45	38	31	29	48	37	44	46	77
29	63	47	38	44	.....	30	31	41	33	46	44	94
30	60	45	39	44	.....	30	30	47	30	48	45	93
31	60	.....	38	43	.....	30	.....	49	.....	48	46	.....
Mean	85	54	42	47	41	34	31	39	49	44	64	51
Max.	136	62	56	54	43	39	34	91	187	59	195	94
Min.	60	45	36	37	36	29	24	21	25	25	33	39
A.F.	5210	3190	2580	2900	2260	2090	1820	2370	2930	2730	3910	3020

Total acre-feet 35010

DISCHARGE IN SECOND-FEET OF SPRING CREEK NEAR CUSHING
Sec. 5-15-9 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	4	4	5	5	4	6	11	1	9	4	2
2	2	4	5	5	5	6	7	10	1	9	6	2
3	2	4	5	6	4	7	8	10	1	253	4	4
4	2	4	6	6	5	8	8	9	1	513	4	3
5	2	1	6	6	6	4	7	8	0	74	4	2
6	2	8	5	6	12	8	6	8	0	19	4	1
7	2	5	5	6	15	11	6	6	215	13	4	1
8	2	4	5	6	17	10	8	5	202	11	4	5
9	2	4	4	6	9	9	9	5	39	9	4	2
10	3	4	5	6	8	9	8	2090	16	8	4	2
11	2	4	4	6	8	9	8	491	13	8	20	2
12	2	4	4	6	7	9	7	43	7	12	8	2
13	2	4	4	5	5	9	7	21	10	69	4	2
14	2	4	5	4	2	10	6	15	9	18	3	2
15	3	4	5	3	2	12	7	11	9	12	3	2
16	3	4	5	4	2	9	8	11	9	10	3	1
17	2	4	5	4	4	9	8	10	8	9	3	1
18	4	4	4	4	2	7	7	8	8	9	3	1
19	3	4	2	4	1	7	6	6	7	9	3	3
20	3	6	4	4	5	7	6	5	7	11	3	2
21	4	4	4	6	8	7	6	4	7	14	4	2
22	4	4	4	7	6	7	6	3	7	9	4	2
23	4	6	4	6	5	6	6	0	7	9	3	2
24	3	4	4	6	6	6	17	11	253	8	3	2
25	3	2	4	7	6	6	19	4	82	8	3	2
26	4	1	4	6	6	6	10	4	20	16	3	2
27	4	0	4	7	9	6	7	3	14	65	3	2
28	3	1	4	6	6	6	7	10	12	10	2	2
29	3	3	4	7	..	6	8	10	10	8	3	2
30	4	3	5	7	..	6	13	4	9	6	2	2
31	4		5	7		6	..	2		5	2	..
Mean	3	4	4	6	6	7	8	92	33	40	4	2
Max.	4	8	6	7	17	12	19	2090	253	513	20	5
Min.	2	0	2	3	1	4	6	0	0	5	2	1
A.F.	175	219	272	338	343	456	477	5630	1950	2470	249	123

Total acre-feet 12700

DISCHARGE IN SECOND-FEET OF STINKING WATER CREEK NEAR PALISADE
Sec. 30-5-33 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25	35	34	35	48	56	43	78	32	16	16	16
2	25	34	38	36	48	58	48	68	42	17	16	14
3	25	35	44	36	48	60	46	63	39	19	18	15
4	27	36	50	41	48	60	46	58	35	19	15	15
5	24	36	50	43	48	62	44	52	34	18	14	17
6	22	37	50	45	49	65	44	51	33	19	16	18
7	24	41	48	44	49	67	45	48	34	18	16	19
8	25	41	48	44	48	62	53	45	36	19	16	18
9	27	34	48	48	48	58	67	42	37	20	17	18
10	27	37	47	49	48	55	74	40	36	21	16	16
11	27	37	48	55	35	54	76	39	33	24	16	16
12	28	38	47	56	36	53	72	38	31	28	16	16
13	30	38	45	55	40	52	68	36	29	30	16	16
14	30	39	44	54	45	49	60	36	27	26	15	15
15	31	38	44	45	48	47	53	36	25	23	16	15
16	32	38	45	30	45	46	49	38	25	21	18	15
17	32	37	45	35	41	45	45	48	24	20	21	15
18	31	39	42	40	44	44	43	51	22	20	22	15
19	31	44	40	45	40	44	43	48	22	20	22	16
20	31	46	46	48	28	43	43	47	21	19	49	16
21	31	44	48	50	25	43	43	43	20	20	27	17
22	31	44	48	50	26	43	43	39	22	21	32	17
23	31	44	32	50	28	41	42	36	22	28	27	17
24	32	44	28	50	30	41	41	35	24	21	24	17
25	32	35	26	50	32	41	41	34	26	19	23	17
26	32	32	27	49	35	41	39	33	27	17	23	18
27	32	30	32	48	40	41	39	32	27	18	22	18
28	32	28	34	48	50	41	39	32	24	18	19	19
29	32	29	35	48	....	41	42	36	19	18	18	18
30	34	31	36	47	....	39	57	36	18	17	18	18
31	34		34	48		39	..	34		16	17	
Mean	29	37	41	46	41	49	50	44	28	20	20	17
Max.	34	46	50	56	50	67	76	78	42	30	49	19
Min.	22	28	26	30	25	39	39	32	18	16	14	14
A.F.	1800	2220	2540	2820	2280	3040	2950	2680	1680	1250	1230	986

Total acre-feet 25480

DISCHARGE IN SECOND-FEET OF STREVER CREEK NEAR OVERTON
Sec. 1-8-20 W.
Water Year Ending Sept. 30, 1953

Day	May	June	July	Aug.	Sept.
1	11	11	13	0	3
2	11	11	9	0	2
3	11	10	4	0	12
4	11	10	4	0	20
5	10	9	2	0	15
6	10	10	0	0	18
7	11	10	0	0	18
8	9	10	0	0	18
9	9	8	3	7	21
10	10	9	0	13	21
11	35	9	0	14	20
12	16	10	10	18	18
13	13	9	15	20	19
14	13	8	3	15	19
15	12	9	2	6	14
16	12	11	1	9	14
17	13	12	1	12	16
18	12	15	3	11	13
19	12	14	6	4	11
20	11	14	8	3	11
21	12	13	8	3	11
22	10	13	4	1	13
23	10	13	6	2	12
24	10	13	5	8	11
25	10	14	6	7	10
26	11	14	6	6	11
27	9	14	4	4	10
28	12	16	4	5	6
29	24	16	0	5	6
30	15	16	0	5	5
31	12		0	6	
Mean	12	12	4	6	13
Max.	35	16	15	20	21
Min.	9	8	0	0	2
A.F.	770	700	250	360	790

DISCHARGE IN SECOND-FEET OF TEKAMAH CREEK NEAR TEKAMAH
Sec. 19-21-11 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	3	4	3	4	3	7	8	6	3	2	0
2	2	3	4	4	4	6	7	9	6	2	5	0
3	2	3	4	4	3	7	8	9	6	2	3	2
4	2	3	4	3	4	3	7	9	5	3	2	1
5	2	3	4	3	3	7	6	8	5	3	2	1
6	2	3	4	3	4	6	6	8	5	3	3	1
7	2	3	4	3	3	5	6	7	32	2	2	1
8	3	3	4	4	3	8	6	7	33	2	2	0
9	3	3	4	4	3	12	6	8	7	2	2	0
10	3	3	2	3	3	13	7	8	6	2	1	0
11	3	3	2	4	3	13	7	8	5	3	4	0
12	2	3	1	4	2	11	6	7	5	3	2	0
13	3	3	1	4	1	10	6	7	5	3	1	0
14	2	2	1	4	2	9	6	7	5	2	1	0
15	2	2	1	1	1	8	6	7	4	2	1	0
16	2	2	1	1	2	7	6	7	4	2	1	0
17	2	2	2	1	3	7	6	7	4	2	1	0
18	2	2	2	2	3	7	6	7	4	2	1	0
19	2	2	2	2	4	6	5	6	4	2	1	0
20	2	2	3	2	5	6	6	6	4	3	1	0
21	3	2	2	2	6	6	6	6	4	3	1	0
22	2	2	3	2	5	6	6	6	4	2	1	0
23	3	2	3	2	4	6	5	5	4	2	1	0
24	2	2	3	2	6	5	8	74	5	2	1	0
25	2	3	2	2	12	5	6	9	5	2	1	0
26	3	3	3	2	9	5	6	9	4	2	1	0
27	2	2	2	2	11	5	6	8	4	3	1	0
28	2	2	2	4	7	5	6	8	4	2	0	0
29	3	3	2	3	..	5	7	7	3	2	0	0
30	3	4	3	4	..	6	13	6	3	2	0	0
31	3		2	3		6	..	6		2	0	
Mean	2	3	3	3	4	7	6	9	6	2	1	0
Max.	3	4	4	4	12	13	13	74	33	3	5	2
Min.	2	2	1	1	1	3	5	5	3	2	0	0
A.F.	152	156	164	176	239	426	386	579	386	145	89	24

Total acre-feet 2920

DISCHARGE IN SECOND-FEET OF THOMPSON CREEK NEAR RIVERTON
Sec. 2-1-13 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	21	21	23	24	24	28	21	25	14	18	15
2	19	20	27	25	24	30	28	18	25	14	17	15
3	19	20	23	26	24	25	27	21	23	14	18	25
4	20	20	22	25	24	25	27	22	23	12	18	17
5	20	20	22	24	24	25	28	20	27	13	18	17
6	21	20	22	24	24	24	28	20	23	14	17	18
7	21	21	22	26	22	23	27	21	25	13	17	19
8	21	20	22	25	22	24	26	21	25	15	17	18
9	21	20	22	26	22	24	26	22	20	15	18	18
10	21	20	22	28	22	23	26	22	20	16	18	18
11	22	19	20	28	23	21	26	22	21	16	17	17
12	22	18	19	28	23	20	27	22	22	15	16	18
13	22	17	21	29	23	21	26	22	21	14	16	19
14	22	19	21	26	24	23	24	23	21	15	14	20
15	22	20	22	26	25	23	22	24	23	16	14	19
16	22	20	22	24	25	24	23	23	22	17	16	19
17	22	20	22	26	25	25	24	24	19	16	17	19
18	22	20	23	28	26	22	25	23	17	16	18	20
19	22	20	25	29	26	25	26	23	17	17	19	20
20	22	20	24	27	25	25	26	23	17	20	19	20
21	22	20	22	29	25	25	26	23	17	20	19	21
22	22	20	21	29	27	25	26	22	16	17	17	21
23	21	20	22	29	30	25	26	22	17	19	18	20
24	21	20	22	29	28	27	26	23	17	18	18	20
25	22	20	20	26	28	26	24	23	15	19	17	21
26	21	19	21	26	28	28	24	24	15	18	17	20
27	21	17	20	27	28	28	22	25	15	16	16	20
28	21	18	21	26	28	26	22	25	15	15	15	19
29	21	19	21	25	....	25	24	23	14	16	16	17
30	21	19	22	25	....	26	24	23	15	16	16	18
31	21	....	23	25	....	27	....	24	....	17	15	....
Mean	21	20	22	26	25	25	26	22	20	16	17	19
Max.	22	21	27	29	30	30	28	25	27	20	19	25
Min.	18	17	19	23	22	20	22	18	14	12	14	15
A.F.	1300	1160	1350	1620	1390	1520	1520	1380	1170	978	1040	1130

Total acre-feet 15560

DISCHARGE IN SECOND-FEET OF TUB SPRINGS NEAR SCOTTSBLUFF
Sec. 32-23-55 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	89	81	60	46	40	39	33	24	5	27	93	4
2	85	78	60	44	40	39	35	24	5	18	75	4
3	86	78	60	44	40	39	34	24	4	16	81	4
4	89	79	60	44	40	40	33	24	4	24	77	5
5	96	77	54	43	40	41	33	22	5	24	76	9
6	94	78	55	42	39	39	34	22	20	20	40	24
7	94	78	55	41	39	37	35	22	290	11	30	12
8	95	76	55	41	39	36	34	22	70	4	33	6
9	93	73	54	44	38	35	36	21	62	4	52	8
10	92	73	52	44	39	34	36	21	60	12	159	14
11	95	70	50	44	39	34	36	22	60	21	187	24
12	95	70	50	45	39	33	36	22	58	30	123	22
13	98	70	50	47	39	34	37	22	60	19	104	28
14	115	70	53	46	39	33	37	23	198	8	76	21
15	104	70	52	46	41	34	37	22	70	7	52	24
16	95	70	51	47	39	35	37	24	54	13	55	28
17	92	73	51	47	41	34	40	24	34	34	51	38
18	91	70	50	49	40	34	40	24	35	36	29	43
19	89	68	51	53	39	33	39	31	142	46	11	40
20	87	66	51	48	39	34	38	46	62	35	7	44
21	87	68	51	47	39	34	37	45	25	24	12	48
22	86	66	51	43	40	33	37	37	70	3	14	34
23	88	64	51	42	40	33	38	25	50	2	12	31
24	88	64	51	43	39	31	39	24	36	2	8	27
25	85	64	51	43	39	32	39	24	33	2	5	34
26	85	64	51	42	40	33	39	24	37	2	4	41
27	85	63	51	42	40	33	40	24	68	16	4	49
28	83	61	50	42	39	32	37	13	84	50	5	56
29	84	62	49	42	....	32	26	6	70	70	5	60
30	83	62	48	41	....	32	25	6	54	80	4	84
31	81	....	47	40	....	33	....	6	....	70	4	....
Mean	91	70	52	44	40	35	36	23	61	24	48	29
Max.	115	81	60	53	41	41	40	46	290	80	187	84
Min.	81	61	47	40	38	31	25	6	4	2	4	4
A.F.	5570	4170	3220	2720	2190	2130	2140	1430	3620	1450	2950	1720

Total acre-feet 33310

DISCHARGE IN SECOND-FEET OF TURKEY CREEK NEAR NAPONEE
Sec. 4-1-16 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	10	11	13	13	13	12	16	11	10	6	5
2	7	10	11	15	13	11	12	16	10	10	6	5
3	7	10	11	23	13	12	12	16	10	10	6	7
4	7	11	11	14	13	15	12	15	10	9	6	6
5	7	11	11	12	13	16	12	14	10	9	6	6
6	7	11	11	12	13	16	13	14	9	9	6	6
7	7	11	11	11	13	16	12	13	12	9	5	6
8	8	12	11	10	13	15	12	13	227	10	4	6
9	8	12	11	10	13	14	14	13	73	10	3	6
10	9	12	11	10	14	13	14	74	24	10	4	6
11	9	12	11	11	14	13	13	79	17	10	2	6
12	9	12	11	11	13	13	12	26	16	10	6	6
13	9	12	11	12	12	14	12	13	14	10	6	6
14	9	12	11	11	12	17	11	13	14	9	6	6
15	9	12	11	8	11	17	11	13	14	9	6	6
16	10	12	11	6	11	16	12	14	28	8	6	6
17	10	12	11	7	11	13	12	15	19	8	6	6
18	10	12	12	10	11	12	13	13	16	8	6	6
19	10	13	12	14	12	12	15	12	12	7	6	6
20	10	13	12	12	12	12	14	13	11	11	6	6
21	10	13	12	12	12	12	14	12	10	9	5	6
22	11	12	12	12	12	12	14	11	10	8	5	6
23	11	11	7	12	13	12	15	11	9	6	5	6
24	10	11	6	12	13	12	15	11	10	6	5	6
25	10	11	6	12	13	12	15	11	11	6	5	6
26	10	11	5	12	13	12	15	11	20	6	4	6
27	10	11	5	12	13	12	15	11	15	6	4	6
28	10	9	8	12	13	12	16	116	13	5	4	6
29	10	10	8	12	....	12	16	35	12	5	4	6
30	10	11	10	12	....	12	16	15	11	5	4	6
31	10	....	12	13	....	12	....	11	....	6	5	....
Mean	9	11	10	12	13	13	13	22	23	8	5	6
Max.	11	13	12	23	14	17	16	116	227	11	6	7
Min.	7	9	5	6	11	11	11	11	9	5	2	5
A.F.	554	678	620	724	698	817	795	1330	1340	505	312	361

Total acre-feet 8730

DISCHARGE IN SECOND-FEET OF WAHOO CREEK NEAR ITHACA
Sec. 32-14-8 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	28	29	26	40	56	54	145	30	23	19	15
2	28	29	31	27	40	58	54	84	29	22	18	14
3	28	29	31	28	40	57	56	60	27	24	20	17
4	28	28	40	28	40	54	62	60	31	33	20	25
5	28	29	29	29	40	56	52	58	31	33	19	19
6	28	29	30	30	40	55	44	51	30	25	30	16
7	28	29	29	31	40	54	46	48	27	25	90	14
8	28	29	28	31	40	53	46	46	64	22	80	14
9	28	29	30	31	49	52	54	43	72	23	29	14
10	30	29	31	31	50	50	65	44	36	22	22	15
11	30	29	29	32	50	50	59	42	33	21	23	16
12	30	29	29	35	50	50	50	44	31	35	25	15
13	31	28	30	35	49	48	38	44	30	30	22	14
14	31	29	30	36	50	46	39	42	29	24	19	14
15	31	29	31	33	52	46	36	44	26	22	19	14
16	30	29	31	28	53	45	37	42	26	22	19	14
17	29	41	29	29	56	44	35	46	26	21	18	14
18	28	35	29	29	74	44	33	48	24	20	18	15
19	29	32	30	29	67	45	34	45	23	21	18	15
20	29	30	30	29	60	44	35	45	23	22	18	15
21	28	29	32	30	56	43	35	41	22	22	18	13
22	29	30	30	30	54	42	34	46	24	31	17	14
23	29	30	27	31	57	42	33	40	26	21	16	14
24	29	29	25	31	60	41	35	39	32	19	17	14
25	28	30	26	32	61	39	34	41	140	19	19	15
26	29	27	27	32	62	38	33	36	70	18	18	14
27	29	26	28	32	60	38	35	36	35	124	16	14
28	29	26	29	31	59	37	36	47	31	74	15	14
29	29	26	35	32	....	36	38	40	27	26	15	14
30	29	27	28	32	....	38	127	34	25	22	14	13
31	29	....	26	33	....	40	....	33	....	20	14	....
Mean	29	29	30	31	52	46	46	49	36	29	23	15
Max.	31	41	40	36	74	58	127	145	140	124	90	25
Min.	28	26	25	26	40	36	33	33	22	18	14	13
A.F.	1780	1740	1820	1890	2870	2860	2720	3000	2140	1760	1440	889

Total acre-feet 24910

DISCHARGE IN SECOND-FEET OF WEEPING WATER CREEK NEAR UNION
Sec. 26-10-13 E.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	26	35	24	41	120	30	52	85	26	16	5	2
2	25	35	60	41	92	30	52	59	22	13	5	2
3	26	35	70	38	75	40	56	52	22	58	5	3
4	28	35	75	44	76	60	56	50	22	130	5	4
5	26	34	90	42	122	34	52	48	24	50	5	3
6	26	36	100	39	117	46	48	46	27	21	13	3
7	27	34	90	39	110	48	46	46	27	7	122	3
8	30	36	80	43	78	49	48	42	58	11	58	3
9	32	36	63	42	93	75	48	40	69	10	18	3
10	32	35	91	45	95	62	50	38	43	9	11	3
11	33	37	98	45	62	58	49	39	28	9	11	3
12	32	36	61	45	40	54	47	39	25	9	8	3
13	32	38	61	50	57	52	44	35	23	23	7	3
14	33	39	64	50	52	64	44	34	22	12	6	2
15	32	38	54	44	37	66	45	36	20	10	6	2
16	31	38	45	35	50	52	42	35	20	10	6	2
17	32	68	44	31	57	50	40	40	18	9	5	2
18	32	70	41	34	61	52	39	42	16	9	5	2
19	31	45	43	40	64	52	39	37	14	9	4	2
20	30	40	41	42	45	49	39	35	13	26	4	2
21	32	39	40	43	30	50	40	36	13	20	4	2
22	34	38	42	43	45	47	40	39	13	12	4	2
23	36	37	43	43	48	48	39	34	13	10	4	2
24	36	37	41	40	72	48	43	30	13	9	4	2
25	34	37	41	40	58	44	79	30	16	8	3	2
26	35	8	39	52	52	44	64	28	15	6	3	2
27	35	8	37	64	50	43	47	31	14	5	3	2
28	33	7	37	73	46	43	43	36	54	5	3	2
29	32	9	39	91	....	42	43	33	45	5	3	2
30	35	16	40	134	....	50	91	28	22	5	3	1
31	36	.	38	184	.	52	.	26	.	5	2	.
Mean	31	34	56	53	68	50	49	40	25	17	11	2
Max.	36	70	100	184	122	75	91	85	69	130	122	4
Min.	25	7	24	31	30	30	39	26	13	5	2	1
A.F.	1930	2050	3440	3250	3780	3040	2910	2440	1500	1070	684	134

Total acre-feet 26230

DISCHARGE IN SECOND-FEET OF WHITE RIVER NEAR CRAWFORD
Sec. 3-31-52 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	17	14	18	20	25	22	22	19	14	16	10
2	12	17	17	18	20	18	25	22	19	16	20	11
3	12	17	18	18	20	20	25	26	18	16	17	11
4	12	17	20	18	20	20	24	25	17	14	14	12
5	12	17	20	18	22	24	23	22	19	14	14	12
6	12	17	21	14	20	23	24	22	26	14	13	12
7	12	17	20	15	20	22	24	21	63	14	12	11
8	12	17	20	22	20	22	25	21	36	14	12	11
9	12	17	20	21	14	24	24	22	24	15	12	11
10	14	17	15	22	16	25	24	22	23	15	12	11
11	14	17	18	22	17	25	22	22	21	16	15	10
12	14	17	19	22	20	25	22	22	20	14	14	11
13	15	18	20	22	22	25	22	23	19	13	12	11
14	17	17	20	17	24	24	22	22	17	12	12	10
15	16	18	20	15	23	24	21	22	18	11	12	10
16	15	18	20	30	18	24	21	22	17	15	178	10
17	16	20	19	25	19	24	22	23	17	19	25	10
18	16	21	18	21	22	23	23	23	15	16	18	10
19	15	20	18	21	10	23	23	23	18	14	16	11
20	16	19	18	21	12	23	23	21	31	13	17	11
21	14	20	19	23	15	23	22	22	20	12	15	12
22	14	20	19	23	18	22	22	22	20	11	14	12
23	14	17	14	20	22	22	22	25	18	11	14	11
24	14	14	13	22	20	22	22	24	16	10	14	11
25	14	16	14	22	18	22	22	22	16	11	12	11
26	14	18	14	22	23	22	21	20	15	11	11	11
27	15	19	15	20	25	23	20	21	17	12	11	11
28	17	16	18	18	25	23	21	23	17	12	11	11
29	18	15	20	19	....	22	25	20	15	28	11	12
30	18	14	19	20	....	21	26	20	14	16	11	12
31	17	.	17	20	.	21	.	19	.	15	10	.
Mean	14	18	18	20	20	23	23	22	21	14	19	11
Max.	18	21	21	30	25	25	26	26	63	28	178	12
Min.	12	14	13	14	10	18	20	19	14	10	10	10
A.F.	883	1040	1100	1250	1080	1400	1360	1360	1240	869	1180	653

Total acre-feet 13420

WHITNEY RESERVOIR STORAGE IN ACRE-FEET—From White River
Water Year Ending September 30, 1953—Sec. 34-33-51 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	6790	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	5820	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	5840	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	7900	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3200
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	3620	4890	.....	7160	.....	.....	.....	.....	5580	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	4920	.....	.....	7980	.....	.....	7070	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	8860	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	9080	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	4030	5280	.....	.....	8160	.....	.....	.....	.....	.....
21	.....	.....	.....	5320	.....	.....	.....	.....	.....	.....	.....	2500
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	3100	.....	.....	.....	.....	.....	.....	.....	.....	4490	.....
25	.....	.....	.....	.....	6610	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	5730	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	8280	.....	.....	2330
30	.....	.....	4400	.....	.....	7660	.....	.....	.....	.....	.....	2340
31	.....	.....	4440	.....	.....	.....	.....	.....	.....	.....	.....	.....

DISCHARGE IN SECOND-FEET OF WHITE RIVER BELOW COTTONWOOD CREEK NEAR WHITNEY
Sec. 26-33-50 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	2	1	5	11	5	7	109	5	6	12	7
2	1	2	1	4	12	6	8	32	6	7	168	7
3	1	2	1	3	11	4	12	45	10	8	49	6
4	1	2	2	3	10	4	32	79	6	8	20	7
5	2	2	3	3	9	5	34	42	6	5	12	8
6	6	2	3	3	7	10	25	25	12	4	7	7
7	9	2	4	3	7	20	27	17	70	3	5	4
8	10	2	5	3	7	50	32	14	252	2	4	3
9	12	2	6	3	5	120	31	11	67	2	4	3
10	13	2	6	5	2	150	17	10	36	1	4	2
11	12	2	5	15	1	190	18	10	22	2	6	2
12	10	2	4	25	1	130	22	9	23	6	13	2
13	9	2	4	30	4	90	32	10	26	6	13	2
14	6	2	5	20	8	75	27	10	15	7	12	2
15	13	3	4	5	6	39	17	10	9	7	11	3
16	11	5	4	5	6	36	13	15	7	22	44	8
17	5	5	4	5	6	29	12	24	6	83	111	8
18	4	8	4	2	7	20	14	16	5	27	34	9
19	3	8	3	2	6	18	14	17	6	18	24	6
20	2	6	3	2	8	16	11	19	58	16	30	4
21	2	4	2	10	3	16	9	28	52	12	21	3
22	2	5	3	15	2	14	9	26	15	8	19	3
23	2	7	3	18	2	10	8	21	8	4	12	4
24	3	5	3	20	2	8	7	10	6	2	11	4
25	3	4	3	22	2	9	6	16	5	3	10	4
26	3	3	3	25	10	14	6	19	6	7	9	3
27	2	3	3	28	5	9	7	9	5	4	8	3
28	2	1	2	13	6	8	7	20	4	5	7	2
29	2	1	3	11	..	9	16	15	6	273	8	2
30	2	1	4	12	..	7	63	5	5	38	8	1
31	2		4	11		7	....	3		14	8	
Mean	5	3	3	11	6	36	18	22	25	20	23	4
Max.	13	8	6	30	12	190	63	109	252	273	168	9
Min.	1	1	1	2	1	4	6	3	4	1	4	1
A.F.	306	183	204	659	331	2240	1080	1380	1510	1210	1390	251

Total acre-feet 10740

DISCHARGE IN SECOND-FEET OF WINTERS CREEK NEAR SCOTTSBLUFF
Sec. 30-22-54 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	170	77	63	50	54	54	46	54	16	24	43	43
2	154	76	62	51	54	53	46	56	12	32	47	37
3	146	77	62	51	54	53	46	57	8	34	54	44
4	140	76	62	51	55	54	48	55	8	38	55	53
5	138	75	62	52	55	57	46	54	6	22	50	61
6	130	76	62	52	57	54	44	48	29	11	41	60
7	127	76	61	52	58	53	46	48	395	13	40	59
8	120	74	61	54	58	51	48	46	80	8	37	58
9	102	74	60	61	55	50	50	39	88	12	55	57
10	94	74	59	61	53	48	46	20	89	20	77	68
11	94	72	60	61	56	47	46	11	89	19	128	74
12	94	72	60	62	54	47	47	7	86	32	33	66
13	91	72	60	62	52	47	48	8	85	29	34	76
14	94	72	60	62	54	46	48	8	174	25	37	63
15	91	74	62	62	55	48	49	8	115	19	35	60
16	90	72	61	60	56	48	49	8	60	26	56	70
17	89	74	61	59	56	48	47	16	26	40	49	63
18	87	73	60	58	55	48	50	14	43	45	46	52
19	86	72	60	60	54	49	47	11	135	44	41	61
20	84	71	58	59	54	50	45	8	74	37	44	72
21	84	71	55	59	54	47	44	10	18	38	47	67
22	85	70	53	62	55	48	44	12	20	34	48	52
23	84	69	51	60	55	47	48	12	20	31	60	50
24	85	68	50	60	55	46	43	16	15	31	50	39
25	84	67	49	60	54	46	44	15	12	35	42	43
26	82	66	49	59	53	46	44	14	22	39	38	45
27	80	65	49	58	51	47	44	14	24	39	38	52
28	80	64	50	56	53	47	45	12	28	37	50	77
29	80	65	51	54	....	47	50	14	41	40	46	84
30	79	63	51	54	....	45	51	13	37	65	55	119
31	77	....	50	54	....	45	....	10	....	60	58	....
Mean	101	72	57	57	55	49	47	23	62	32	50	61
Max.	170	77	63	62	58	57	51	57	395	65	128	119
Min.	77	63	49	50	51	45	43	7	6	8	33	37
A.F.	6190	4260	3520	3520	3030	3010	2770	1420	3680	1940	3040	3620

Total acre-feet 40000

DISCHARGE IN SECOND-FEET OF WOOD RIVER NEAR GIBBON
Sec. 9-9-13 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	2	2	5	6	5	6	31	2	0	0
2	0	0	2	2	4	8	5	5	32	1	0	0
3	0	0	2	2	4	7	5	5	19	1	1	0
4	0	0	3	2	5	7	5	5	14	1	2	0
5	0	0	3	2	5	8	5	6	11	1	1	0
6	0	0	3	2	4	7	5	6	7	1	0	0
7	0	0	4	2	4	7	5	6	6	1	0	0
8	0	0	4	2	4	7	5	5	7	1	0	0
9	0	1	4	2	4	7	5	6	38	0	0	0
10	0	1	4	2	4	7	5	16	28	0	0	0
11	0	0	4	2	3	5	5	565	17	0	4	0
12	0	0	3	2	3	4	5	117	10	1	1	0
13	0	0	3	2	3	4	5	46	5	5	0	0
14	0	0	3	2	3	5	5	32	4	5	0	0
15	0	0	3	1	3	5	5	30	3	2	0	0
16	0	0	3	2	2	6	4	18	9	2	0	0
17	0	0	3	3	3	5	4	13	11	1	1	0
18	0	0	2	3	3	6	4	9	7	0	0	0
19	0	0	2	3	3	6	4	8	6	1	0	0
20	0	0	2	3	1	7	4	7	5	1	0	0
21	0	0	2	3	0	7	5	7	5	0	0	0
22	0	0	2	3	1	7	5	6	4	0	1	0
23	0	1	2	3	2	7	5	6	4	1	0	0
24	0	1	2	4	2	7	5	5	4	0	0	0
25	0	1	2	4	4	8	6	4	3	0	0	0
26	0	0	2	4	6	7	5	4	3	1	0	0
27	0	0	2	4	7	7	5	67	2	0	0	0
28	0	1	2	4	7	6	5	388	2	0	0	0
29	0	2	2	4	....	6	5	92	2	0	0	0
30	0	2	2	5	....	5	5	44	2	1	0	0
31	0	....	2	5	....	5	....	26	....	0	0	....
Mean	0	0	3	3	4	6	5	50	10	1	0	0
Max.	0	2	4	5	7	8	6	565	38	5	4	0
Min.	0	0	2	1	0	4	4	4	2	0	0	0
A.F.	0	27	166	165	196	390	288	3090	593	64	28	1

Total acre-feet 5010

DISCHARGE IN SECOND-FEET OF WOOD RIVER NEAR RIVERDALE
Sec. 31-10-16 W.—Water Year Ending September 30, 1953

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	1	1	1	2	6	3	6	20	1	0.3	0
2	.2	1	1	1	2	4	3	8	8	1	.3	0
2	.2	1	1	1	2	4	3	6	8	1	.3	0
3	.2	1	1	1	2	4	3	5	3	1	.2	0
4	.2	1	1	1	2	3	3	5	3	1	.2	0
5	.2	1	2	2	2	3	3	5	4	1	.2	0
6	.2	1	2	1	2	3	3	3	5	1	.1	0
7	.3	1	2	1	2	4	4	5	8	1	.1	0
8	.2	1	2	1	2	4	6	4	15	1	.1	0
9	.2	1	1	1	2	4	6	5	8	1	.1	0
10	.2	1	1	1	2	5	7	106	3	1	.0	0
11	.2	1	1	1	2	5	6	95	3	1	.0	0
12	.2	1	1	1	2	5	5	64	4	1	.0	0
13	.2	1	1	1	3	5	5	51	4	1	.0	0
14	.2	1	1	2	3	5	4	23	3	1	.0	0
15	.2	1	2	1	3	5	3	12	3	1	.0	0
16	.2	1	1	2	3	5	3	8	3	1	.0	0
17	.2	1	1	2	3	5	3	7	2	1	.0	0
18	.2	1	1	2	3	4	3	6	2	1	.0	0
19	.2	2	1	2	3	4	3	5	2	1	.0	0
20	.2	2	1	1	2	4	5	4	2	1	.0	0
21	.3	1	1	1	2	5	5	3	1	1	.0	0
22	.4	2	1	1	5	5	4	3	1	1	.0	0
23	.4	2	1	1	5	10	3	3	1	1	.0	0
24	.4	2	1	1	5	6	4	4	1	1	.0	0
25	.4	1	1	2	5	4	6	4	1	1	.0	0
26	.5	1	1	2	5	3	5	11	1	0	.0	0
27	.7	1	1	2	6	3	5	191	1	0	.0	0
28	.7	1	1	2	5	4	5	57	1	1	.0	0
29	.8	1	1	2	--	4	5	57	1	1	.0	0
30	.8	1	1	2	.	3	6	79	1	0	.0	0
31	.8		1	2		3		41		0	.0	
Mean	.3	1	1	1	3	4	4	28	4	1	.0	0
Max.	.8	2	2	2	6	10	7	191	20	1	.3	0
Min.	.2	1	1	1	2	3	3	3	1	0	.0	0
A.F.	20.0	66	79	87	167	264	248	1740	228	56	3.2	0

Total acre-feet 2960

DISCHARGE IN SECOND-FEET OF ARIKAREE RIVER NEAR HAIGLER
Sec. 28-1-41 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	7	3	2	15	6	20	14	13	0	0	1
2	0	6	3	2	25	2	20	23	12	0	0	1
3	0	6	2	2	30	2	15	41	4	0	0	1
4	0	10	2	3	28	2	15	40	7	6	0	1
5	0	18	2	5	25	2	13	31	4	1	0	1
6	0	17	2	8	24	10	12	13	5	0	0	1
7	0	16	2	15	22	15	12	10	16	0	0	1
8	0	16	2	21	22	13	12	6	17	0	0	1
9	0	14	2	10	18	15	10	4	18	0	0	2
10	0	14	2	5	17	11	10	6	9	0	0	2
11	4	14	2	3	17	10	15	17	6	0	0	4
12	0	14	2	2	18	8	25	20	3	0	0	2
13	0	14	2	2	18	7	25	12	1	0	0	3
14	0	14	2	2	16	8	25	10	0	0	0	2
15	0	7	2	2	13	22	25	8	0	0	0	8
16	8	2	1	2	12	52	25	8	0	0	30	14
17	9	2	1	2	12	31	20	51	0	0	53	5
18	10	3	1	2	12	25	20	40	0	0	10	2
19	11	2	1	2	9	25	20	28	6	0	9	10
20	11	2	1	1	9	32	18	23	12	0	8	17
21	12	1	1	1	8	34	29	13	9	0	5	17
22	12	1	1	1	8	25	22	4	2	0	3	17
23	10	2	1	1	5	32	25	17	1	0	6	19
24	9	4	2	1	6	40	19	19	0	0	3	17
25	11	5	2	1	6	40	10	12	0	0	1	5
26	15	4	2	2	6	30	12	9	0	0	1	2
27	9	4	2	2	7	25	8	29	0	0	1	46
28	6	3	2	2	4	20	7	23	0	0	1	175
29	5	3	2	2	..	20	11	15	0	0	1	11
30	6	3	2	3	..	15	12	6	0	0	1	6
31	6		2	5		15		3		0	1	
Mean	5	8	2	4	15	19	17	18	5	0	4	13
Max.	15	18	3	21	30	52	29	51	18	6	53	175
Min.	0	1	1	1	4	2	7	3	0	0	0	1
A.F.	308	454	105	224	817	1180	1020	1100	286	13	261	773

Total acre-feet 6540

DISCHARGE IN SECOND-FEET OF BAYARD SUGAR FACTORY DRAIN
NEAR BAYARD—Sec. 5-20-52 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	66	36	30	30	26	22	23	2	18	4	19	11
2	67	36	28	30	28	24	25	2	14	3	23	16
3	66	36	26	30	26	24	25	2	15	3	23	21
4	72	36	26	28	26	24	24	2	14	3	24	24
5	74	36	27	28	26	24	24	4	6	4	30	29
6	74	36	29	28	26	23	25	25	4	7	30	39
7	66	38	29	28	26	21	24	31	6	5	32	43
8	62	35	30	28	26	20	24	16	3	5	31	47
9	63	36	29	28	26	22	22	5	4	4	28	37
10	62	36	32	28	26	22	22	8	8	4	27	29
11	57	36	30	27	25	23	22	9	12	3	25	29
12	52	36	26	26	24	20	22	29	2	3	32	26
13	47	37	29	26	24	25	22	35	1	3	62	23
14	41	38	28	26	26	24	18	13	3	5	44	17
15	41	37	29	26	26	28	7	2	21	2	39	15
16	44	38	28	24	25	34	7	20	32	2	39	19
17	44	39	26	22	24	35	3	64	42	3	38	22
18	41	38	26	23	24	26	2	17	104	3	37	22
19	41	35	26	22	24	26	5	10	79	3	39	21
20	40	32	27	23	22	28	1	11	56	3	39	26
21	42	29	28	23	23	28	1	7	47	5	59	28
22	39	30	24	25	22	28	1	31	44	12	79	28
23	39	31	25	24	24	28	1	50	37	24	54	30
24	38	29	26	24	24	27	1	5	41	15	53	30
25	38	29	28	24	24	27	1	8	51	20	54	28
26	37	30	28	24	22	27	1	12	74	22	49	30
27	36	30	30	24	22	26	1	12	50	22	46	30
28	36	28	32	24	22	26	1	9	17	22	40	30
29	37	27	32	25	....	26	1	7	8	26	30	28
30	37	30	31	26	....	22	2	7	6	22	26	30
31	36		30	26		20		14		14	16	
Mean	50	34	28	26	25	25	12	15	27	9	38	27
Max.	74	39	32	30	28	35	25	64	104	26	79	47
Min.	36	27	24	22	22	20	1	2	1	2	16	11
A.F.	3040	2020	1740	1590	1370	1550	709	931	1630	550	2310	1600

Total acre-feet 19040

DISCHARGE IN SECOND-FEET OF BAZILLE CREEK NEAR NIOBRARA
Sec. 18-32-5 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	32	47	73	59	89	111	126	245	426	120	42	42
2	31	43	69	60	163	112	137	323	491	70	44	41
3	30	45	67	62	342	105	169	340	813	72	42	42
4	32	50	65	64	421	90	115	227	418	70	36	36
5	35	49	64	65	332	115	111	182	340	64	36	74
6	36	39	55	59	224	130	120	148	1740	70	41	60
7	40	49	65	60	211	146	122	122	2840	64	46	68
8	40	36	59	59	240	132	103	109	189	58	53	216
9	42	46	57	29	223	141	99	82	139	62	53	161
10	43	53	57	29	197	137	91	78	141	41	42	166
11	42	58	64	30	144	141	82	74	129	39	58	84
12	39	53	63	35	168	141	78	78	109	39	44	78
13	35	53	44	35	182	110	80	78	109	39	44	72
14	36	55	36	33	156	24	83	73	106	32	46	62
15	37	61	31	29	124	75	103	69	111	34	37	58
16	36	63	21	30	121	94	97	66	91	32	30	57
17	39	64	18	30	122	120	74	66	91	27	34	68
18	39	59	30	30	101	162	80	71	538	34	72	66
19	39	61	34	30	102	213	80	71	428	32	41	51
20	38	59	36	30	73	157	76	66	315	34	44	46
21	42	59	28	30	85	137	80	67	659	36	44	39
22	46	55	23	30	139	115	85	71	232	32	49	42
23	36	50	28	26	132	124	83	82	189	41	72	46
24	39	80	36	26	122	137	78	76	122	39	146	37
25	46	69	46	25	139	137	78	74	127	36	118	37
26	46	73	52	26	148	135	74	99	184	30	62	41
27	47	71	54	22	132	135	71	99	129	32	55	37
28	53	89	57	26	117	110	71	111	122	53	48	44
29	50	73	55	31	....	85	130	99	127	53	44	34
30	50	67	53	51	....	90	213	103	91	42	53	41
31	49		53	67		100		2540		44	41	
Mean	40	58	48	39	170	121	100	193	385	48	52	65
Max.	53	89	73	67	421	213	213	2540	2840	120	146	216
Min.	30	36	18	22	73	24	71	66	91	27	30	34
A.F.	2470	3430	2960	2420	9420	7460	5930	11880	22900	2920	3210	3860

Total acre-feet 78860

DISCHARGE IN SECOND-FEET OF BEAVER CREEK NEAR GENOA
Sec. 14-17-4 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	55	71	90	108	74	153	109	114	111	72	34	52
2	54	71	90	108	78	143	116	318	220	69	41	52
3	53	71	98	108	85	135	122	384	215	68	38	48
4	53	71	100	102	95	122	125	406	177	69	42	47
5	55	72	83	104	110	115	119	449	256	68	38	47
6	57	73	79	91	108	109	118	408	244	66	38	48
7	59	75	78	88	107	109	115	314	194	69	50	49
8	59	77	93	85	110	111	109	251	162	68	56	50
9	60	78	99	66	120	108	104	198	188	63	65	51
10	60	81	98	36	136	108	102	165	158	60	70	52
11	58	82	100	52	133	109	100	149	119	58	59	52
12	59	82	98	62	103	115	98	137	111	55	54	52
13	59	80	82	64	104	115	96	128	101	52	52	51
14	59	80	89	72	104	101	95	121	96	48	52	49
15	59	80	79	74	102	107	105	115	948	40	52	49
16	60	78	81	50	108	97	112	109	162	34	52	52
17	62	78	72	62	104	109	105	102	115	33	58	53
18	62	77	79	65	104	108	103	98	108	30	56	53
19	66	81	94	65	103	118	100	96	100	32	54	55
20	73	84	88	65	104	122	130	91	94	30	59	53
21	60	84	79	66	90	133	340	89	95	29	73	52
22	62	89	92	66	92	139	210	88	96	28	62	52
23	66	86	90	66	118	135	160	86	103	32	60	51
24	68	90	90	65	125	126	140	85	102	35	63	51
25	66	91	106	68	128	121	125	111	94	34	89	52
26	68	95	113	67	142	116	120	104	85	34	82	52
27	70	97	108	66	168	122	118	410	80	35	68	51
28	73	92	111	65	162	137	108	236	76	37	58	51
29	76	91	116	67	.....	126	106	109	75	34	52	52
30	72	92	109	68	.....	118	106	125	73	32	62	54
31	71		113	71		112		114		30	57	
Mean	62	82	94	730	111	119	124	184	159	47	56	51
Max.	76	97	116	108	168	153	340	449	948	72	89	55
Min.	53	71	72	36	74	97	95	85	73	28	34	47
A.F.	3840	4860	5750	4490	6180	7340	7370	11330	9440	2860	3460	3040

Total acre-feet 69960

DISCHARGE IN SECOND-FEET OF BEAVER CREEK NEAR BEAVER CITY
Sec. 23-2-23 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.0	0.0	0.8	1.8	1.4	1.8	1.4	2.1	3.6	0.0	12.0	0.1
2	.0	.0	1.0	2.0	1.2	1.8	1.7	2.7	3.4	.0	5.2	.1
3	.0	.0	1.0	1.8	1.6	1.8	1.7	2.9	2.9	.0	1.9	.0
4	.0	.0	.8	2.0	3.0	1.8	1.7	1.6	2.5	.0	.7	.0
5	.0	.0	.8	2.2	3.0	1.8	1.6	.9	2.1	.0	.1	.0
6	.0	.0	.6	2.6	3.0	1.8	1.7	.6	1.7	.0	.7	.0
7	.0	.0	.6	2.6	2.6	2.0	1.4	.4	1.3	.0	.3	.0
8	.0	.0	.6	2.6	2.0	1.8	1.7	.2	1.3	.0	.2	.0
9	.0	.0	.6	2.4	2.0	1.8	1.4	.3	1.1	.0	1.8	.2
10	.0	.0	.8	2.0	2.0	1.8	1.4	.3	.8	.1	.4	.0
11	.0	.0	1.0	1.6	1.8	2.1	1.2	.5	.7	.1	.1	.0
12	.0	.0	1.2	1.2	1.6	2.1	1.3	.5	.6	.1	.0	.0
13	.0	.1	1.2	1.0	1.6	1.6	1.3	.4	.3	.1	.0	.0
14	.0	1.2	1.2	1.0	1.6	1.2	1.2	.4	2.9	.0	.1	.0
15	.0	.2	1.2	1.0	1.6	.8	1.2	.3	73.0	.0	.0	.0
16	.0	.2	1.2	.8	1.6	.8	1.2	.7	8.2	.0	.2	.0
17	.0	.6	1.2	.8	1.8	.6	1.2	1.3	3.3	.0	261.0	.0
18	.0	.4	1.2	.8	1.6	.5	1.2	1.4	1.8	.0	99.0	.0
19	.0	.6	1.2	.8	1.6	.3	.9	1.3	1.3	.0	54.0	.2
20	.1	.8	1.2	.6	1.6	.2	1.3	58.0	1.0	.0	24.0	.2
21	.6	.6	1.0	.4	1.8	.4	1.7	142.0	.9	.0	18.0	.1
22	.0	.4	.8	.4	2.4	.4	.9	63.0	.7	.1	11.0	.1
23	.0	.6	.6	.4	3.0	.4	.9	27.0	.7	.2	4.8	.0
24	.0	.4	.6	.4	2.0	.6	1.2	16.0	.5	.1	3.4	.0
25	.0	.4	.6	.2	2.0	.6	1.4	11.0	.3	.1	8.2	.0
26	.0	.8	.6	.2	1.8	.6	1.0	8.2	.2	.0	4.0	.0
27	.0	.6	.6	.2	1.8	.8	.8	6.6	.2	.0	3.0	.0
28	.0	.4	.4	.2	1.8	1.8	.4	8.2	.1	.0	1.2	.0
29	.0	.4	.4	.4	.....	1.4	.3	7.3	.1	115.0	.4	.0
30	.0	.6	.4	.6	.....	1.4	.6	6.6	.1	120.0	.2	.0
31	.0	.....	1.4	.8	.....	1.4	.....	4.8	.....	26.0	.1	.....
Mean	.2	.3	.9	1.2	2.0	1.2	1.2	12.2	3.9	8.4	16.6	.0
Max.	.6	1.2	1.4	2.6	3.0	2.1	1.7	142.0	73.0	120.0	261.0	.2
Min.	.0	.0	.4	.2	1.2	.2	.3	.2	.1	.0	.0	.0
A.F.	1.1	18.0	53.0	71.0	109.0	76.0	73.0	749.0	233.0	519.0	1020.0	2.0

Total acre-feet 2924

DISCHARGE IN SECOND-FEET OF BIRDWOOD CREEK NEAR HERSHEY
Sec. 2-14-33 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	132	166	156	171	204	158	183	132	119	99	106	141
2	139	164	149	171	176	150	166	145	151	99	106	132
3	125	160	162	166	166	145	154	154	127	102	104	125
4	129	169	176	166	174	160	158	156	119	103	100	125
5	129	171	169	169	176	170	164	154	124	100	102	130
6	129	174	156	162	174	171	160	154	129	99	105	178
7	129	176	158	162	162	169	154	147	164	127	113	145
8	130	178	164	166	176	158	156	132	130	134	116	138
9	129	181	162	156	181	166	154	136	120	127	113	134
10	125	183	166	158	176	169	160	151	122	118	108	129
11	120	176	171	151	158	171	164	149	118	102	110	127
12	116	176	169	154	147	160	162	145	106	94	108	125
13	120	174	174	154	154	150	174	136	104	92	110	127
14	125	169	154	151	156	160	176	124	116	91	110	124
15	124	169	160	149	158	160	166	122	109	92	108	124
16	122	164	160	139	154	164	151	130	112	93	151	125
17	122	160	162	100	160	158	162	229	112	96	162	122
18	122	164	162	140	160	171	162	166	109	96	145	120
19	122	160	162	180	151	178	169	141	127	97	125	119
20	124	183	174	115	141	160	191	132	122	98	116	119
21	232	202	174	91	149	174	164	136	120	96	120	118
22	183	188	141	196	169	171	149	134	113	102	129	118
23	180	176	156	213	164	183	129	136	108	109	129	118
24	177	186	174	150	176	191	127	138	104	106	129	118
25	174	171	162	100	171	186	127	118	104	103	130	122
26	170	164	169	149	164	176	129	119	104	105	129	119
27	167	160	176	177	160	178	154	122	104	110	127	120
28	164	162	181	181	158	178	147	116	109	112	127	151
29	162	156	169	180	.....	162	139	109	112	108	134	147
30	174	156	169	180	.....	164	138	109	105	113	235	139
31	171	.....	166	180	.....	169	.....	119	.....	108	164	.....
Mean	144	171	165	157	165	167	156	138	117	104	125	129
Max.	232	202	181	213	204	191	191	229	164	134	235	178
Min.	116	156	141	91	141	145	127	109	104	91	100	118
A.F.	8860	10190	10120	9670	9150	10270	9300	8510	6990	6410	7680	7690

Total acre-feet 104840

DISCHARGE IN SECOND-FEET OF BLACKWOOD CREEK NEAR CULBERTSON
Sec. 10-3-31 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	1	1	1	1	0	2	9	1	6	1
2	1	1	1	1	1	1	0	2	8	1	2	1
3	1	1	1	1	1	1	0	1	5	1	1	1
4	1	1	1	1	1	1	0	3	6	4	1	1
5	1	1	1	1	1	1	1	6	4	1	1	1
6	1	1	1	1	1	1	1	4	3	1	1	1
7	4	1	1	1	1	1	0	1	2	1	1	0
8	2	1	1	1	1	1	0	3	4	1	1	0
9	1	1	1	1	1	1	0	2	4	1	1	1
10	1	1	1	1	1	1	0	1	2	4	1	1
11	1	1	1	1	1	1	0	1	1	1	1	1
12	1	1	1	1	1	1	0	4	1	2	1	1
13	1	1	1	1	1	1	0	13	49	2	2	1
14	1	1	1	1	1	1	0	10	33	2	10	1
15	1	1	1	1	1	1	0	9	16	2	23	1
16	1	1	1	1	1	1	0	14	22	2	11	1
17	1	1	1	1	1	1	0	40	6	1	36	1
18	1	1	1	1	1	1	0	18	3	1	71	1
19	1	1	1	1	1	0	1	20	2	1	4	0
20	1	1	1	1	1	0	9	16	4	1	1	0
21	1	1	1	1	0	0	5	11	4	0	1	0
22	1	1	1	1	0	0	3	13	4	1	1	1
23	1	1	1	1	0	0	2	16	2	1	1	1
24	1	1	1	1	0	1	3	17	1	1	0	1
25	1	1	1	1	0	1	2	17	0	1	1	1
26	1	1	1	1	0	0	1	21	1	1	1	1
27	1	1	1	1	0	0	1	18	1	1	1	1
28	1	1	1	1	0	0	1	10	1	1	1	2
29	1	1	1	1	..	0	1	12	1	1	1	2
30	1	1	1	1	..	0	1	12	1	2	1	1
31	1	..	1	1	..	0	..	11	..	2	2	..
Mean	1	1	1	1	1	1	1	11	7	1	6	1
Max.	4	1	1	1	1	1	9	40	49	4	71	2
Min.	1	1	1	1	0	0	0	1	0	0	0	0
A.F.	55	44	38	39	30	29	70	650	391	82	373	53

Total acre-feet 1850

DISCHARGE IN SECOND-FEET OF BLUE CREEK NEAR LEWELLEN
Sec. 30-16-42 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	84	97	96	100	95	104	85	17	0	2	1
2	2	87	97	94	97	75	113	96	15	0	1	1
3	2	83	97	93	99	50	99	102	12	0	1	13
4	2	83	91	96	101	84	100	97	1	0	1	11
5	1	87	100	95	100	104	101	91	1	0	1	9
6	1	93	96	97	100	102	99	79	2	1	1	11
7	1	93	104	97	99	104	95	77	31	1	1	11
8	2	106	104	97	99	100	91	77	35	1	1	17
9	3	106	101	94	99	102	89	69	16	1	1	17
10	6	102	102	88	97	102	89	67	13	1	3	21
11	9	101	97	90	97	106	90	69	9	4	1	27
12	11	100	95	99	94	101	88	72	10	15	1	28
13	19	97	95	96	104	55	89	71	10	14	4	28
14	27	100	89	90	104	120	89	70	8	48	13	27
15	41	101	94	93	102	109	90	82	6	55	11	30
16	46	104	94	88	102	110	88	144	7	15	7	27
17	52	108	93	77	102	105	87	151	10	7	9	35
18	44	106	90	75	104	99	89	132	11	6	2	40
19	37	101	94	90	97	96	91	108	13	24	1	38
20	38	99	95	80	90	100	96	101	44	21	1	30
21	58	90	95	85	99	101	94	94	32	14	14	8
22	65	105	95	93	95	101	85	93	25	19	31	2
23	51	120	95	100	91	106	84	94	22	17	17	1
24	55	119	95	90	96	106	84	90	16	29	4	1
25	55	105	97	95	94	113	82	88	11	78	2	2
26	55	105	100	100	95	106	78	73	2	82	2	3
27	57	105	102	105	91	101	77	65	7	53	1	2
28	60	108	99	110	90	99	73	49	2	17	1	5
29	67	100	99	105	....	94	72	35	0	7	1	4
30	72	99	94	100	....	96	77	31	0	5	1	10
31	79	....	94	90	....	97	....	31	....	3	1	....
Mean	33	100	96	94	98	98	89	83	13	17	4	15
Max.	79	120	104	110	104	120	113	151	44	82	31	40
Min.	1	83	89	75	90	50	72	31	0	0	1	1
A.F.	2020	5940	5930	5750	5430	6030	5320	5120	771	1070	269	913

Total acre-feet 44560

DISCHARGE IN SECOND-FEET OF BLUE RIVER, BIG, NEAR BARNSTON
Sec. 13-1-7 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	137	150	197	205	167	254	159	426	2020	570	1620	854
2	154	152	233	208	193	251	208	1740	1740	565	3140	744
3	239	148	288	171	206	230	208	3750	1610	560	845	539
4	137	141	449	219	212	189	186	2080	1080	555	527	488
5	89	166	840	276	226	181	184	1190	714	550	330	357
6	94	141	609	233	224	224	181	1020	323	540	6290	301
7	84	137	652	197	226	194	159	881	307	539	19300	354
8	75	157	62	216	229	185	216	757	588	368	27300	323
9	79	145	242	205	248	230	199	689	14200	379	16800	371
10	79	245	276	111	232	218	186	643	7280	282	3630	288
11	66	184	174	129	227	202	179	624	3730	233	3070	307
12	78	89	134	203	216	251	438	509	3180	260	2350	257
13	81	116	169	158	213	222	248	455	2460	257	2220	333
14	90	152	186	178	210	189	213	338	1940	189	1760	230
15	150	145	194	146	201	181	189	305	1470	172	1300	245
16	87	152	184	192	224	197	202	921	1770	252	985	282
17	92	199	126	149	199	239	199	1360	6810	231	1020	208
18	279	145	145	166	227	210	186	724	8120	162	1120	242
19	230	222	171	174	301	184	145	556	4690	189	2660	134
20	154	361	202	212	555	245	166	750	4780	172	2360	245
21	87	588	184	163	397	202	245	631	4590	152	4020	179
22	90	476	159	173	276	199	192	593	3270	90	5070	216
23	112	343	126	169	257	179	181	473	2010	94	7730	194
24	148	272	130	143	313	205	320	534	1440	93	23600	257
25	139	219	134	165	301	230	239	903	1150	48	15100	205
26	112	239	239	163	276	192	519	786	818	101	1860	159
27	157	231	192	159	304	216	731	553	664	126	1600	260
28	130	248	159	148	266	189	605	613	620	98	1340	176
29	154	230	179	157	.....	197	523	3490	600	77	1080	337
30	145	263	216	172	....	222	472	1880	580	76	1000	239
31	141		192	165		199		1140		100	1010	....
Mean	125	215	240	178	254	210	269	1010	2818	261	5227	311
Max.	279	588	840	276	555	254	731	3750	14200	570	27300	854
Min.	66	89	62	111	167	179	145	305	307	48	330	134
A.F.	7710	12800	14760	10960	14130	12900	16020	62110	167700	16030	321400	18490

Total acre-feet 675010

DISCHARGE IN SECOND-FEET OF BLUE RIVER, BIG, NEAR SEWARD
Sec. 20-11-3 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	.....	.....	.....	18	33	24	36	26	29	8	36
2	.....	.....	.....	.....	19	26	24	82	28	23	22	28
3	.....	.....	.....	.....	20	22	23	133	28	52	47	25
4	.....	.....	.....	.....	20	24	23	227	28	158	15	23
5	.....	.....	.....	.....	19	25	22	196	36	68	9	21
6	.....	.....	.....	.....	21	26	23	137	41	36	18	18
7	.....	.....	.....	.....	22	26	23	117	38	29	131	17
8	.....	.....	.....	.....	22	25	22	86	33	25	96	15
9	.....	.....	.....	.....	24	25	22	64	40	22	40	16
10	.....	.....	.....	.....	26	25	21	57	43	24	160	15
11	.....	.....	.....	....	24	27	21	51	227	115	201	16
12	.....	.....	.....	21	18	28	20	48	482	96	117	15
13	.....	.....	.....	18	24	25	20	45	644	41	57	14
14	.....	.....	.....	15	27	22	22	45	213	20	47	14
15	.....	.....	.....	13	23	20	21	45	82	13	52	14
16	.....	.....	.....	13	23	23	21	44	63	10	56	16
17	.....	.....	.....	11	25	27	21	50	567	10	131	16
18	.....	.....	.....	11	23	28	20	52	2090	8	133	15
19	.....	.....	.....	12	24	25	22	77	2060	9	96	15
20	.....	.....	.....	12	27	24	22	82	1220	7	133	14
21	.....	.....	.....	11	24	24	29	51	791	4	110	14
22	.....	.....	.....	12	24	25	38	44	646	4	143	14
23	.....	.....	.....	13	27	24	297	36	402	4	102	14
24	.....	.....	.....	14	28	25	288	32	230	4	64	13
25	.....	.....	.....	16	27	24	143	28	123	4	63	13
26	.....	.....	.....	17	25	24	63	25	80	4	68	15
27	.....	.....	.....	17	27	24	57	25	58	4	111	14
28	.....	.....	.....	17	37	24	47	25	43	3	164	14
29	.....	.....	.....	17	.....	24	37	24	43	4	113	13
30	.....	.....	.....	16	.....	23	37	24	36	4	71	13
31	.....	.....	.....	17		23		26		2	51	
Mean	.....	.....	.....	.....	24	25	49	65	348	27	85	17
Max.	.....	.....	.....	....	37	33	297	227	2090	158	201	36
Min.	.....	.....	.....	....	18	20	20	24	26	2	8	13
A.F.	.....	.....	.....	....	1320	1530	2920	3990	20710	1660	5210	992

DISCHARGE IN SECOND-FEET OF BLUE RIVER, BIG, NEAR CRETE
Sec. 3-7-4 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	145	86	92	96	87	117	111	276	143	141	259	308
2	159	86	93	100	97	141	109	433	149	141	164	189
3	135	75	149	95	10	127	132	570	160	142	104	182
4	56	76	196	79	92	136	92	475	138	248	78	196
5	45	80	227	76	118	116	117	535	122	303	109	141
6	46	79	216	77	109	97	130	549	134	226	709	168
7	60	99	137	82	105	141	122	510	130	131	1150	128
8	69	126	127	93	109	129	100	425	155	117	1060	198
9	58	158	117	90	124	123	81	417	2130	128	1040	158
10	71	107	109	84	124	150	115	353	3010	114	1260	117
11	86	87	95	79	109	137	131	263	2560	102	1760	151
12	72	92	96	76	85	131	113	248	1770	102	1580	133
13	80	111	101	77	126	127	105	162	1450	174	892	108
14	101	102	109	78	118	113	130	100	986	143	508	132
15	92	79	104	81	119	130	113	154	646	106	386	128
16	104	95	102	85	112	96	97	167	404	109	368	114
17	83	124	103	89	131	143	105	438	2660	71	624	121
18	77	126	101	89	126	130	126	677	4620	53	897	176
19	72	171	95	81	141	135	89	339	4860	60	1110	114
20	71	188	80	99	121	112	114	339	3490	45	1020	138
21	72	144	84	97	160	111	128	290	2180	45	1380	142
22	97	102	79	94	122	145	145	172	1410	56	1280	108
23	88	82	51	85	147	114	209	199	1010	53	1720	97
24	79	114	63	79	165	122	448	283	702	56	932	104
25	79	127	88	74	162	109	764	230	475	37	514	106
26	91	107	99	107	137	119	521	224	246	45	380	117
27	98	101	101	111	124	131	362	288	224	49	354	104
28	79	83	98	101	181	114	287	339	180	52	390	97
29	64	85	100	85	....	93	308	242	181	47	514	98
30	88	81	100	64	....	120	194	202	154	33	481	51
31	77	....	103	89	....	131	....	129	....	33	360	....
Mean	84	106	110	87	124	124	186	323	1216	102	754	137
Max.	159	188	227	111	181	150	764	677	4860	303	1760	308
Min.	45	75	51	64	85	93	81	100	122	33	78	51
A.F.	5150	6290	6770	5340	6860	7620	11090	19890	72360	6270	46380	8180

Total acre-feet 202200

DISCHARGE IN SECOND-FEET OF BLUE RIVER, LITTLE, NEAR DEWEESE
Sec. 12-4-7 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	57	65	70	77	83	83	75	93	207	69	48	96
2	57	66	76	76	77	74	75	714	135	66	46	90
3	57	66	88	76	78	70	74	538	103	65	44	86
4	56	66	109	73	78	90	76	267	96	66	43	81
5	57	66	97	73	77	94	79	202	93	63	44	78
6	57	67	73	75	75	89	75	146	85	56	48	73
7	59	69	70	75	77	81	73	124	82	56	52	66
8	60	71	72	75	76	81	73	111	92	54	54	65
9	61	69	72	73	75	81	72	102	99	52	68	63
10	61	69	72	70	75	83	74	96	87	51	76	61
11	61	68	73	75	75	80	73	92	81	51	79	59
12	60	68	73	76	75	81	73	88	81	49	76	59
13	59	68	73	76	77	81	73	89	81	44	66	57
14	59	69	74	80	75	80	75	88	81	42	64	55
15	59	70	75	75	74	79	73	82	80	40	61	57
16	62	70	74	60	75	81	73	343	80	37	60	63
17	65	69	73	70	75	81	73	420	78	37	76	61
18	69	72	76	80	75	81	73	264	78	37	1340	58
19	64	78	77	82	77	81	74	135	78	38	1210	61
20	64	85	78	65	78	79	76	108	77	40	481	61
21	64	83	77	70	81	78	1230	94	76	40	278	61
22	64	77	55	80	82	78	424	93	76	40	297	59
23	65	75	80	85	83	77	179	1120	74	42	1260	60
24	64	74	89	85	84	79	120	464	74	43	991	59
25	64	75	89	70	83	79	107	210	73	43	406	61
26	63	73	78	72	84	75	96	150	73	42	286	61
27	65	73	79	75	83	77	91	132	72	40	205	61
28	64	72	77	80	83	75	88	166	70	38	135	61
29	64	73	77	85	....	74	86	118	69	37	118	61
30	65	70	81	100	....	73	83	109	69	38	112	64
31	64	....	76	110	....	75	....	105	....	41	113	....
Mean	62	71	78	77	78	80	133	221	87	47	266	65
Max.	69	85	109	110	84	94	1230	1120	207	69	1340	96
Min.	56	65	55	60	74	70	72	82	69	37	43	55
A.F.	3790	4240	4770	4750	4340	4900	7910	13610	5160	2890	16340	3880

Total acre-feet 76580

DISCHARGE IN SECOND-FEET OF BLUE RIVER, LITTLE, NEAR ENDICOTT
Sec. 6-1-3 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	96	122	160	175	170	170	160	728	578	126	138	211
2	98	123	168	188	179	163	160	3110	498	125	244	218
3	98	125	381	175	184	120	158	3010	618	123	114	194
4	98	128	1710	183	192	130	160	1390	408	115	98	172
5	101	126	790	184	207	150	163	778	328	106	86	155
6	100	128	395	174	215	174	165	558	293	114	96	136
7	104	138	291	165	190	167	158	466	272	114	395	134
8	106	141	248	163	203	163	156	398	310	96	418	130
9	114	143	222	110	201	165	156	357	1780	109	312	136
10	110	143	203	80	192	165	170	330	1290	109	198	128
11	114	143	188	95	177	168	319	312	433	101	165	126
12	112	143	177	130	168	165	250	298	289	101	143	114
13	115	144	174	130	168	163	220	281	250	96	150	115
14	115	141	165	130	170	158	205	268	262	96	158	107
15	114	144	167	130	170	165	190	260	334	89	136	109
16	115	144	158	130	168	165	180	304	350	76	125	104
17	353	144	140	130	165	165	170	412	410	78	153	100
18	846	144	140	130	165	165	165	433	254	75	126	101
19	489	409	160	130	184	165	165	570	211	68	221	106
20	234	1170	162	130	205	165	165	552	188	68	1180	98
21	170	1010	158	130	186	165	192	370	179	71	784	100
22	150	441	125	130	181	162	883	321	162	68	551	95
23	138	293	110	130	179	162	960	924	167	75	2540	96
24	128	228	120	130	174	165	460	538	155	74	1670	94
25	131	213	139	130	174	167	350	1090	146	78	1070	98
26	126	192	151	130	172	163	293	516	139	76	594	98
27	126	183	168	130	177	163	262	408	141	75	472	89
28	122	172	177	130	172	163	236	888	138	68	348	102
29	125	165	174	138	.....	158	232	645	134	68	304	94
30	122	162	158	150	.....	158	510	425	130	67	264	94
31	123	.....	151	160	.....	160	.....	348	.....	67	232	.....
Mean	164	237	253	140	182	161	267	687	362	89	435	122
Max.	846	1170	1710	188	215	174	960	3110	1780	126	2540	218
Min.	96	122	110	80	165	120	156	260	130	67	86	89
A.F.	10100	14090	15530	8630	10090	9910	15890	42220	21510	5500	26750	7250

Total acre-feet 187470

DISCHARGE IN SECOND-FEET OF BRUSHY CREEK NEAR MAYWOOD
Sec. 28-8-29 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	0.1	0.6	0.4	1.2	0.5	0.6	1.1	1.1	0.2	0.0	0.0
2	.1	.1	.6	.4	1.1	.3	.4	1.4	12.0	.2	.1	.0
3	.0	.1	.4	.4	.8	.5	.2	.9	.8	.2	.0	.0
4	.1	.2	.5	.4	.7	.5	.3	.9	.8	.2	.0	.0
5	.1	.2	.6	.4	.7	.7	.2	.7	.7	.2	.0	.0
6	.1	.3	.8	.4	.7	.7	.3	.7	.7	.1	.0	.0
7	.1	.4	.8	.4	.6	.6	.3	.7	.6	.1	.0	.0
8	.1	.4	.7	.4	.7	.7	.3	.6	.6	.1	9.7	.0
9	.1	.4	.7	.4	.7	.7	.5	.6	.6	.1	17.0	.0
10	.1	.4	.7	.3	.7	.8	.6	.7	.6	.1	.3	.0
11	.1	.4	.6	.2	.6	.8	.6	.7	.5	.1	.2	.0
12	.1	.5	.6	.2	.6	.7	.7	.7	.6	.1	.2	.0
13	.1	.5	.6	.1	.7	.8	.7	.7	8.4	.0	.2	.0
14	.2	.5	.6	.1	.8	.9	.8	.6	12.0	.0	.3	.0
15	.2	.6	.7	.1	.7	1.0	1.1	74.0	139.0	.0	.2	.1
16	.3	.5	.6	.1	.7	.9	.9	75.0	1.2	.0	.2	.0
17	.4	.5	.6	.2	.7	1.0	.9	7.8	.6	.0	.3	.1
18	.4	.4	.6	.2	.6	.8	.7	.7	.5	.0	.2	.0
19	.4	.5	.6	.2	.6	.7	.7	.6	.5	.0	.2	.0
20	.6	.5	.7	.2	.5	.7	.7	.7	.4	.0	.2	.0
21	2.0	.5	.6	.3	.5	.7	.6	.7	.3	.0	.1	.0
22	.7	.4	.4	.2	.4	.7	.5	.7	.3	.0	.1	.0
23	.7	.6	.4	.2	.3	.8	.5	.8	.3	.1	.1	.0
24	.7	.7	.4	.2	.3	.9	.6	.9	.3	.1	.1	.0
25	.8	.6	.4	.3	.4	.7	.5	.9	.2	.1	.1	.0
26	.6	.6	.5	.3	.4	.6	.6	1.2	.2	.0	.0	.0
27	.6	.6	.5	.3	.4	.6	.6	1.1	.2	.0	.0	.0
28	.6	.6	.5	.2	.4	.6	.7	1.0	.2	.0	.0	.1
29	.4	.6	.5	.3	.....	.6	.7	1.0	.2	.0	.0	.1
30	.2	.6	.5	.4	.....	.6	.9	1.1	.2	.0	.0	.0
31	.1	.....	.4	.6	.....	.6	.....	.9	.....	.0	.0	.....
Mean	.4	.4	.6	.3	.6	.7	.6	5.8	6.2	.1	1.0	.0
Max.	2.0	.7	.8	.6	1.2	1.0	1.1	75.0	139.0	.2	17.0	.1
Min.	.0	.1	.4	.1	.3	.3	.2	.6	.2	.0	.0	.0
A.F.	22.0	26.0	35.0	17.0	35.0	43.0	35.0	357.0	366.0	4.0	59.0	.8

Total acre-feet 1000

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR HAIGLER
Sec. 20-1-40 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	8	11	9	11	10	10	11	11	3	1	2
2	2	8	11	9	11	10	11	12	11	3	1	2
3	2	8	7	9	11	10	10	11	10	3	1	2
4	2	8	8	9	11	10	10	10	10	2	1	2
5	3	9	10	8	10	10	10	9	11	3	1	4
6	4	10	11	9	10	10	9	6	10	3	2	3
7	4	10	12	9	12	10	8	3	10	3	3	3
8	4	10	10	9	11	10	10	3	11	2	2	3
9	4	10	10	8	11	10	11	3	10	2	2	4
10	5	13	10	9	10	11	10	3	12	1	1	2
11	5	13	10	10	10	10	12	3	9	1	1	3
12	6	13	10	10	11	10	11	3	4	1	2	4
13	7	13	10	10	11	9	10	2	5	1	2	3
14	8	12	10	12	10	8	10	2	6	1	2	3
15	8	10	10	10	10	12	11	2	7	1	2	3
16	8	9	10	9	10	11	10	2	4	1	3	4
17	10	9	10	8	10	10	10	9	3	1	5	3
18	7	9	10	10	10	10	10	12	3	1	4	3
19	3	10	10	11	8	8	12	12	3	1	2	4
20	4	5	10	9	8	10	11	11	3	1	4	4
21	7	6	9	7	9	11	11	10	2	1	4	3
22	11	8	4	8	9	11	10	10	3	2	3	4
23	11	11	4	12	10	10	10	10	4	3	2	9
24	13	14	7	6	10	12	10	11	3	2	3	9
25	11	13	12	8	10	12	10	10	2	2	3	8
26	10	12	12	8	10	10	10	12	3	2	3	8
27	9	14	10	13	10	10	10	12	3	1	3	9
28	9	13	10	17	10	10	11	10	3	1	2	8
29	8	12	10	11	....	10	9	10	3	1	2	7
30	8	11	9	11	....	10	10	9	3	2	3	8
31	8	....	9	11	....	10	....	10	..	1	2	..
Mean	6	10	10	10	10	10	10	8	6	2	2	4
Max.	13	14	12	17	12	12	12	12	12	3	5	9
Min.	2	5	4	6	8	8	8	2	2	1	1	2
A.F.	403	617	584	593	564	625	606	483	357	103	140	262

Total acre-feet 5340

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR DARR
Sec. 28-11-22 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	20	1	0	0	0	0	0	8	0	14	0	12
2	22	0	0	0	0	0	0	15	0	1	0	14
3	21	0	0	0	0	0	0	30	8	0	0	10
4	27	0	0	0	0	0	0	25	3	0	0	1
5	38	0	0	0	0	0	0	20	5	0	0	8
6	56	11	0	0	0	0	0	6	3	0	0	10
7	58	4	0	0	0	0	0	1	1	0	0	2
8	56	0	0	0	0	0	0	3	0	0	0	5
9	39	0	0	0	0	0	0	6	0	0	0	22
10	31	0	0	0	0	0	0	0	0	0	0	19
11	29	0	0	0	0	0	0	5	0	0	0	3
12	2	0	0	0	0	0	0	1	0	0	0	1
13	6	0	0	0	0	0	0	1	2	0	0	14
14	1	0	0	0	0	0	0	0	10	0	0	3
15	0	0	0	0	0	0	0	1	2	0	0	0
16	0	0	0	0	0	0	0	0	3	0	0	0
17	5	0	0	0	0	0	0	13	4	0	0	0
18	10	0	0	0	0	0	0	10	1	0	5	1
19	13	0	0	0	0	0	0	3	1	0	4	1
20	18	0	0	0	0	0	0	4	9	0	0	4
21	23	0	0	0	0	0	0	1	13	1	0	0
22	19	0	0	0	0	0	0	3	1	0	0	0
23	16	0	0	0	0	0	0	1	0	0	0	6
24	19	0	0	0	0	0	0	0	6	0	1	16
25	25	0	0	0	0	0	0	0	1	0	2	13
25	25	0	0	0	0	0	0	0	1	0	2	13
27	21	0	0	0	0	0	0	0	1	0	0	18
28	19	0	0	0	0	0	0	0	5	0	3	10
29	16	0	0	0	..	0	0	0	2	0	7	9
30	6	0	0	0	..	0	0	0	11	0	12	1
31	3	..	0	0	..	0	..	0	....	0	16	..
Mean	21	1	0	0	0	0	0	5	3	1	2	7
Max.	58	11	0	0	0	0	0	30	13	14	16	22
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	1270	36	0	0	0	0	0	310	178	31	100	436

Total acre-feet 2360

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR OVERTON
Sec. 20-9-19 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	7	0	0	0	2	0	22	8	4	0	7
2	16	4	0	0	0	1	0	13	9	8	0	15
3	20	1	0	0	0	1	0	29	6	8	0	18
4	20	2	1	0	2	1	0	32	4	14	0	15
5	27	5	0	0	4	1	0	33	7	22	0	15
6	45	4	0	0	2	1	0	40	27	7	0	13
7	72	3	0	0	3	1	0	35	33	0	0	7
8	85	11	0	0	4	1	0	31	28	0	0	3
9	96	22	0	0	4	1	0	26	23	0	0	15
10	90	20	0	0	4	1	0	16	17	0	0	12
11	58	9	0	0	4	0	0	8	9	0	0	6
12	20	4	0	0	3	0	0	7	5	0	0	37
13	6	2	0	0	3	0	0	11	4	0	0	32
14	10	2	0	0	2	0	0	8	3	0	2	13
15	7	1	0	0	3	0	0	6	3	0	4	6
16	9	1	0	0	2	3	0	6	7	0	6	6
17	6	1	0	0	2	2	0	4	35	0	11	10
18	2	1	0	0	1	1	0	4	33	0	18	6
19	2	1	0	0	1	1	0	3	22	0	68	4
20	0	1	0	0	1	1	0	2	17	0	84	3
21	6	0	0	0	0	0	0	19	18	0	33	3
22	15	0	0	0	0	0	0	21	12	0	23	1
23	22	0	0	0	2	0	0	28	6	0	11	0
24	28	0	0	0	2	0	0	31	7	0	8	4
25	19	0	0	0	4	0	0	22	11	0	13	1
26	15	0	0	0	5	0	0	15	8	0	9	0
27	24	0	0	0	4	1	0	17	7	0	6	2
28	29	0	0	0	3	0	0	17	5	0	4	10
29	24	0	0	0		0	0	19	4	0	4	21
30	20	0	0	0		0	12	12	3	0	4	26
31	14		0	0		0		7		0	4	
Mean	27	3	0	0	2	1	0	18	13	2	10	10
Max.	96	22	1	0	5	3	12	40	35	22	84	37
Min.	0	0	0	0	0	0	0	2	3	0	0	0
A.F.	1640	204	3	0	26	38	26	1080	752	125	623	617

Total acre-feet 5230

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK—Sec. 33-9-18 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	0	8	0	0	3
2	22	9	0	0	2
3	11	10	0	0	12
4	24	8	0	0	14
5	30	6	9	0	14
6	29	4	15	0	12
7	43	22	10	0	12
8	34	32	0	0	8
9	33	31	0	0	2
10	26	22	0	0	0
11	16	17	0	0	12
12	8	11	0	0	6
13	6	7	0	0	34
14	8	4	0	0	35
15	8	4	0	0	14
16	8	3	0	0	7
17	6	2	0	0	3
18	5	34	0	8	9
19	3	36	0	8	2
20	3	22	0	53	2
21	3	15	0	83	0
22	2	15	0	34	0
23	19	13	0	21	0
24	24	7	0	13	0
25	35	3	0	5	0
26	24	6	0	11	0
27	14	4	0	9	0
28	12	5	0	6	0
29	14	42	0	6	0
30	16	0	0	1	9
31	12		0	3	
Mean	16	13	1	8	7
Max.	43	42	15	83	35
Min.	0	0	0	0	0
A.F.	990	800	70	520	420

DISCHARGE IN SECOND-FEET OF CALAMUS RIVER NEAR BURWELL
Sec. 8-21-16 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	306	306	358	355	420	326	386	423	348	330	316	255
2	309	306	362	351	420	309	386	453	366	316	306	253
3	306	306	406	362	400	258	362	436	348	306	289	250
4	319	309	390	355	402	299	358	427	323	299	283	250
5	323	306	358	362	415	326	362	431	302	295	280	264
6	326	319	423	378	410	337	362	427	306	289	302	276
7	323	326	423	390	402	344	358	410	312	292	348	253
8	316	330	415	394	390	358	348	386	326	289	351	255
9	316	340	398	382	382	362	344	362	326	286	348	264
10	309	333	394	333	374	366	337	348	340	276	330	273
11	295	333	386	337	370	382	340	330	337	273	306	283
12	289	333	390	306	366	398	344	323	330	276	289	289
13	280	337	390	302	358	382	344	312	340	273	276	283
14	289	337	390	326	366	316	351	306	340	264	280	264
15	289	340	402	358	378	374	355	292	333	267	273	264
16	289	340	398	250	386	440	337	289	323	276	270	280
17	289	340	382	160	390	415	323	292	333	280	286	286
18	289	340	386	220	390	406	309	295	323	276	292	283
19	289	337	374	290	386	436	312	302	370	273	286	289
20	295	348	386	220	374	436	330	312	366	276	276	292
21	316	355	406	220	362	453	355	319	398	289	267	292
22	330	374	280	320	370	444	344	316	398	299	270	292
23	326	351	260	300	366	419	330	312	427	306	261	295
24	323	355	360	310	378	415	326	299	406	309	255	295
25	323	355	350	320	382	415	330	286	378	309	253	295
26	319	351	330	320	374	402	330	283	362	309	253	299
27	319	344	380	290	366	386	333	299	351	302	255	292
28	316	344	500	350	333	382	348	299	355	302	255	292
29	312	358	420	390	.....	378	382	306	382	306	261	283
30	306	366	380	410	.....	382	390	312	344	319	255	267
31	306	...	362	420	...	390	...	366	...	326	261	...
Mean	308	337	382	325	382	379	347	340	350	293	285	277
Max.	330	374	500	420	420	453	390	453	427	330	351	299
Min.	280	306	260	160	333	258	309	283	302	264	253	250
A.F.	18930	20070	23480	20000	21240	23280	20660	20930	20810	18030	17520	16480

Total acre-feet 241430

DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR BROADWATER—Sec. 11-18-48 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	11	15	13	12	6
2	11	20	9	8	6
3	11	33	6	6	6
4	11	33	6	6	6
5	10	14	5	6	16
6	11	14	3	6	16
7	10	13	3	6	15
8	10	16	3	6	18
9	10	13	2	6	23
10	16	9	2	6	25
11	17	9	2	6	28
12	11	4	3	5	25
13	11	4	3	5	22
14	6	4	2	5	16
15	6	9	5	5	15
16	6	9	5	5	6
17	24	17	5	6	6
18	8	14	5	6	11
19	7	15	5	12	18
20	7	15	6	18	16
21	5	15	7	26	9
22	8	6	8	28	8
23	6	5	13	19	7
24	9	6	10	21	7
25	6	5	8	30	8
26	10	15	8	37	3
27	42	16	16	39	2
28	37	10	16	34	3
29	37	20	15	33	3
30	20	20	15	20	3
31	17	...	14	13	...
Mean	13	13	7	14	12
Max.	42	33	16	39	28
Min.	5	4	2	5	3
A.F.	820	790	440	870	700

DISCHARGE IN SECOND-FEET OF CEDAR RIVER NEAR FULLERTON
Sec. 4-16-6 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	156	208	218	187	203	271	239	393	205	163	124	168
2	149	200	215	186	240	262	239	565	271	154	126	149
3	144	200	218	186	286	248	226	474	297	158	124	147
4	151	202	170	178	308	253	231	459	285	158	122	147
5	158	200	124	190	277	256	221	474	245	156	118	142
6	157	198	168	190	274	291	234	466	226	151	129	156
7	159	215	192	210	270	279	226	452	256	163	140	140
8	159	218	210	202	284	245	210	438	231	147	200	144
9	158	221	198	170	297	239	195	417	239	144	185	147
10	157	221	242	101	315	282	195	390	223	131	180	147
11	154	218	231	115	347	259	190	306	208	115	175	149
12	154	210	237	142	386	237	195	315	192	113	154	138
13	154	208	240	143	424	223	188	285	188	95	163	142
14	155	210	242	150	448	256	185	255	195	93	166	138
15	156	208	240	162	417	256	215	239	248	89	166	138
16	157	202	208	160	318	262	231	235	190	99	166	163
17	159	202	176	117	288	253	208	231	198	97	168	147
18	162	205	157	132	288	237	202	228	195	101	173	144
19	167	195	172	139	285	251	195	208	185	97	190	147
20	181	242	180	149	366	262	213	182	168	89	178	147
21	205	223	168	144	321	262	390	188	185	91	178	138
22	188	248	97	147	303	259	297	185	198	101	180	135
23	178	226	81	154	274	259	276	226	188	115	192	138
24	192	237	121	153	294	271	268	256	185	122	195	126
25	205	218	152	162	288	256	253	213	173	126	223	133
26	200	223	181	159	285	245	256	200	166	120	190	135
27	213	218	188	159	282	253	242	300	166	124	168	135
28	208	218	193	155	282	256	234	234	156	133	161	142
29	213	218	186	169	.....	248	242	239	151	120	161	147
30	210	228	177	172	.....	251	245	208	158	111	168	149
31	213	.....	171	181	.....	251	.....	200	.....	118	185	.....
Mean	173	215	186	160	309	256	231	305	206	122	166	144
Max.	213	248	242	210	448	291	390	565	297	163	223	168
Min.	144	195	81	101	203	223	185	182	151	89	118	126
A.F.	10660	12770	11410	9850	17160	15730	13770	18770	12240	7530	10210	8560

Total acre-feet 148660

DISCHARGE IN SECOND-FEET OF CENTER CREEK NEAR FRANKLIN
Sec. 36-2-15 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	6	7	7	10	6	7	8	8	4	4	4
2	4	7	8	7	6	6	6	8	7	4	4	5
3	4	7	8	7	6	6	6	7	7	4	4	6
4	4	7	8	7	5	7	7	7	6	4	4	6
5	4	7	8	7	6	7	7	7	6	3	4	6
6	4	6	7	7	6	8	6	6	5	4	4	6
7	4	7	8	7	6	6	6	7	5	4	6	6
8	4	8	7	7	6	6	6	7	5	3	5	7
9	4	9	7	7	6	6	6	7	5	3	6	4
10	4	8	7	7	6	6	6	8	6	4	4	5
11	5	8	7	6	6	5	6	8	6	3	4	5
12	5	8	8	7	6	6	7	8	5	4	4	5
13	5	7	8	5	6	6	7	8	5	3	4	5
14	5	7	8	4	6	6	7	8	5	4	4	5
15	5	7	8	4	6	6	7	8	5	4	4	5
16	5	7	10	4	6	7	8	8	5	3	8	6
17	5	6	8	4	6	6	8	9	5	4	19	6
18	5	5	11	4	7	6	8	9	5	4	8	5
19	5	6	9	4	6	6	8	8	4	3	6	6
20	5	5	8	5	6	7	8	8	5	3	4	6
21	7	6	8	5	7	6	9	8	4	3	5	6
22	6	7	8	5	7	6	7	8	5	3	7	7
23	6	7	8	5	7	7	7	11	5	4	4	6
24	6	7	8	5	6	7	7	8	4	4	4	6
25	6	7	8	6	6	6	7	8	4	4	4	6
26	6	7	8	6	7	7	7	8	4	4	4	6
27	6	7	8	6	6	7	7	9	4	4	4	6
28	6	6	8	7	7	7	8	8	4	4	4	5
29	6	7	8	7	..	7	7	8	4	4	5	5
30	6	7	8	8	..	7	7	9	4	4	4	5
31	6	..	8	8	..	9	..	7	..	4	5	..
Mean	5	7	8	6	6	6	7	8	5	4	5	6
Max.	7	9	11	8	10	9	9	11	8	4	19	7
Min.	4	5	7	4	5	5	6	6	4	3	4	4
A.F.	320	404	481	363	351	394	412	483	307	214	321	331

Total acre-feet 4380

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN
Sec. 6-20-52 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	1	6	21	2	5
2	1	6	21	3	6
3	1	18	16	3	10
4	1	21	18	4	15
5	1	21	18	5	16
6	3	14	16	8	16
7	20	21	12	8	14
8	19	20	12	10	18
9	16	20	13	9	19
10	13	22	12	9	19
11	13	24	10	9	17
12	25	22	11	11	22
13	22	20	11	11	21
14	13	22	10	12	24
15	9	22	11	12	20
16	13	23	10	11	22
17	30	18	10	11	21
18	10	20	9	19	20
19	16	22	5	17	19
20	18	25	7	14	18
21	21	24	8	14	18
22	19	26	8	14	18
23	31	23	7	16	17
24	17	20	7	14	10
25	0	13	6	15	9
26	7	11	6	15	8
27	5	8	5	15	12
28	9	17	5	13	12
29	8	15	6	12	12
30	6	21	6	12	11
31	6		3	4	
Mean	12	19	10	11	16
Max.	31	26	21	19	24
Min.	1	6	3	3	5
A.F.	740	1120	630	660	930

CRESCENT LAKE STORAGE IN ACRE-FEET
At head of Blue Creek—Sec. 21-20-44 W.
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	.....	.....	.....	.....	2260	.....	.....	2600	.....	.....	.....
2	1420	.....	.....	.....	.....	.....	.....	.....	.....	2430	1700	.....
3	.....	.....	.....	.....	.....	.....	.....	2600	.....	.....	.....	.....
4	.....	.....	1980	.....	.....	.....	.....	2520	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	2250	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	1200	.....	2600	2280	1400	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1330	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	850
11	.....	.....	1900	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	2110	1170	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	2580	2040	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	1580	.....	.....	.....	.....	.....	.....	.....	.....	1020	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	2470	.....	.....	.....
18	.....	.....	1920	.....	.....	.....	.....	2800	2590	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	1900	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	920	.....
25	.....	.....	.....	.....	.....	.....	.....	2800	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	1700	.....	.....
27	.....	1760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	2000	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	2480	.....	.....	.....	.....	.....	.....
30	1510	.....	.....	.....	.....	.....	.....	.....	.....	.....	660	830
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	700	.....

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO—Sec. 34-18-46 W.

Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	3	3	8	3	4
2	3	3	7	3	4
3	3	3	5	3	4
4	4	3	5	3	4
5	3	3	4	3	4
6	3	3	3	3	5
7	3	4	7	3	4
8	3	4	3	3	4
9	3	4	3	3	4
10	3	4	3	3	4
11	3	4	3	3	4
12	3	4	3	3	4
13	3	4	3	3	4
14	3	5	3	3	3
15	4	5	3	3	5
16	5	5	3	3	5
17	5	9	3	5	4
18	4	4	6	5	5
19	4	0	4	4	5
20	4	0	4	4	5
21	4	4	4	4	4
22	4	3	3	4	5
23	4	3	3	4	3
24	4	3	3	4	4
25	3	4	3	4	3
26	3	9	3	4	4
27	4	5	3	4	4
28	3	4	3	4	4
29	3	8	3	4	4
30	3	5	4	4	4
31	4		3	4	
Mean	3	4	4	4	4
Max.	5	9	8	5	5
Min.	3	0	3	3	3
A.F.	210	240	230	220	250

DISCHARGE IN SECOND-FEET OF DAVIS CREEK NEAR COTESFIELD

Sec. 34-17-12 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	2	1	2	3	2	6	2	1	202	0
2	0	1	2	1	2	3	2	65	11	1	22	0
3	0	1	1	1	3	2	2	5	7	1	10	0
4	0	1	1	1	3	4	1	4	2	1	2	0
5	0	1	1	1	4	6	2	4	2	1	1	0
6	1	1	1	1	2	7	2	4	2	1	27	0
7	0	1	2	2	2	6	2	4	2	1	43	0
8	0	1	2	2	4	5	2	4	1	1	15	0
9	0	1	2	1	1	5	2	4	1	0	2	0
10	0	1	2	1	0	5	2	4	1	0	2	1
11	0	1	2	1	0	5	1	4	1	0	1	0
12	0	1	2	1	0	4	1	4	1	0	1	0
13	1	1	2	1	0	4	1	4	1	0	1	0
14	0	0	2	1	0	4	1	4	1	0	1	0
15	1	1	2	1	0	4	10	4	2	0	1	0
16	1	1	2	1	0	3	8	4	1	0	1	1
17	1	1	2	1	0	4	5	4	16	0	1	0
18	1	1	2	1	6	5	2	4	8	0	1	0
19	1	1	2	1	11	6	1	4	2	0	1	0
20	1	1	2	0	19	5	2	4	2	0	1	0
21	1	2	2	0	16	2	25	3	2	0	1	0
22	1	2	1	0	10	2	3	3	2	0	1	0
23	0	2	1	0	6	2	2	6	1	1	1	0
24	0	2	1	0	3	3	4	5	1	0	1	0
25	1	2	1	0	3	4	6	2	1	0	1	0
26	1	1	1	0	3	3	8	2	1	0	1	0
27	1	1	2	0	3	2	10	3	1	1	0	0
28	1	1	2	0	3	2	13	3	1	6	0	0
29	1	2	2	1		2	18	3	1	2	0	0
30	1	2	1	1		2	34	2	0	1	0	0
31	2		1	1		1		2		1	0	
Mean	1	1	2	1	4	4	6	6	2	1	11	0
Max.	2	2	2	2	19	7	34	65	16	6	202	1
Min.	0	0	1	0	0	1	1	2	0	0	0	0
A.F.	37	69	93	50	213	230	339	362	150	37	671	12

Total acre-feet 2260

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY DRAIN NO. 2
Sec. 25-10-23 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	1	4	2	4	9
2	1	5	2	5	8
3	2	5	3	8	8
4	2	5	3	9	9
5	2	5	3	5	9
6	2	6	2	6	7
7	2	6	2	7	8
8	2	5	2	7	7
9	2	4	3	8	7
10	2	4	3	4	7
11	2	4	8	3	7
12	2	4	4	4	7
13	2	3	3	3	7
14	2	4	4	4	7
15	2	4	3	4	7
16	3	4	3	4	7
17	2	3	3	50	7
18	2	3	3	40	7
19	2	3	3	23	7
20	2	3	3	13	6
21	2	4	3	11	6
22	2	3	3	11	7
23	3	3	4	11	7
24	3	3	5	10	7
25	3	2	4	10	6
26	3	2	2	9	6
27	4	2	2	9	6
28	4	2	4	9	6
29	4	2	4	9	6
30	4	2	4	9	6
31	4		4	8	
Mean	2	4	3	10	7
Max.	4	5	8	50	9
Min.	1	2	2	3	6
A.F.	150	210	200	630	420

DISCHARGE IN SECOND-FEET OF DISMAL RIVER NEAR DUNNING
Sec. 4-21-24 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	306	327	348	306	460	312	289	309	348	303	289	357
2	306	330	348	309	400	220	277	324	394	306	292	351
3	306	321	270	309	370	240	271	303	345	306	292	339
4	294	342	320	300	378	250	277	312	333	297	292	342
5	303	357	350	303	375	320	297	315	330	297	283	354
6	309	342	360	303	357	360	306	321	354	309	297	357
7	300	348	357	309	345	321	292	318	360	309	324	369
8	309	336	340	318	363	339	292	315	363	315	306	366
9	300	342	340	300	369	321	289	315	360	315	312	333
10	312	336	351	280	372	339	309	294	363	318	309	324
11	297	333	342	270	342	345	306	306	351	327	297	327
12	292	321	348	260	345	340	309	294	357	324	306	330
13	294	324	354	270	348	330	315	303	351	321	306	321
14	289	324	348	280	360	340	330	312	351	312	306	315
15	289	327	357	250	345	340	333	321	348	312	321	321
16	294	321	330	240	333	342	315	321	357	309	324	330
17	294	315	320	250	336	348	339	315	354	309	336	321
18	283	312	340	250	336	351	336	342	354	309	324	330
19	289	309	354	210	321	360	348	321	363	303	327	336
20	294	280	363	210	309	351	385	318	342	315	327	312
21	336	290	350	280	309	336	385	330	363	300	342	292
22	315	330	270	340	324	333	339	330	333	294	351	294
23	294	351	280	360	306	324	336	330	318	280	348	297
24	303	348	370	350	321	327	339	315	306	292	339	315
25	315	342	390	330	324	327	336	324	306	283	339	300
26	312	351	360	330	333	318	339	324	303	280	345	336
27	315	339	330	330	321	321	327	345	297	283	339	324
28	318	345	320	330	309	306	330	324	292	277	342	357
29	321	342	324	340	.....	303	348	324	330	277	348	327
30	321	339	324	360	.....	286	324	333	309	292	351	315
31	312		312	370	.....	289	.....	372	.....	289	345	.....
Mean	304	331	338	298	347	321	321	320	341	302	321	330
Max.	336	357	390	370	460	360	385	372	394	327	351	369
Min.	283	280	270	210	306	220	271	294	292	277	283	292
A.F.	18690	19680	20770	18340	19260	19710	19080	19700	20300	18570	19750	19620

Total acre-feet 233470

DISCHARGE IN SECOND-FEET OF DRIFTWOOD CREEK NEAR McCOOK
Sec. 12-2-30 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.0	0.2	0.2	0.2	0.3	0.3	0.0	0.1	0.4	0.0	0.1	1.4
2	.0	.2	.2	.2	.3	.2	.1	.2	.2	.0	.1	2.3
3	.0	.2	.3	.2	.4	.0	.2	.2	.1	.0	.1	2.1
4	.0	.4	.2	.2	.4	.0	.1	.2	.7	.1	.1	1.9
5	.0	.3	.2	.2	.3	.0	.1	.2	.9	.1	.1	1.8
6	.0	.3	.2	.6	.5	.0	.1	.1	.2	.1	.0	.8
7	.0	.3	.1	.5	.7	.1	.0	.3	1.4	.1	.2	.7
8	.0	.2	.1	.5	.7	.1	.0	.3	.2	.1	.2	.5
9	.0	.2	.1	.5	.7	.2	.1	.3	.1	.1	.1	.4
10	.0	.1	.0	.5	.7	.2	.1	.4	.1	.6	.0	.2
11	.0	.1	.1	.3	.7	.3	.0	.4	.5	8.0	.1	.4
12	.0	.0	.0	.2	.6	.3	.2	.4	.2	.5	.1	.2
13	.0	.0	.1	.2	.6	.2	.3	.4	.1	.2	.1	.1
14	.0	.1	.1	.2	.6	.1	.4	.6	.1	.1	.1	.1
15	.0	.1	.1	.2	.6	.2	.4	.3	.1	.0	.1	.1
16	.0	.1	.1	.2	.6	.2	.3	.5	.1	.0	.6	.1
17	.0	.2	.1	.2	.6	.1	.2	9.7	.1	.0	46.0	.1
18	.0	.2	.1	.2	.5	.1	.1	7.3	.1	.0	261.0	.1
19	.0	.2	.1	.2	.5	.0	.1	2.2	.1	.0	66.0	.3
20	.4	.2	.1	.2	.4	.1	.2	1.4	.1	.0	7.3	.6
21	1.4	.2	.1	.2	.4	.1	.1	1.2	.1	.1	2.7	.2
22	.4	.1	.1	.2	.3	.1	.1	.8	.2	.1	1.3	.2
23	.2	.1	.1	.2	.2	.1	.1	.7	.2	.1	.8	.2
24	.1	.1	.1	.2	.2	.1	.1	.6	.2	.1	.4	.2
25	.0	.0	.1	.2	.3	.1	.2	.5	.1	.2	.3	.1
26	.0	.0	.1	.3	.3	.1	6.9	.5	.1	.0	.3	.1
27	.0	.1	.1	.2	.3	.1	15.0	1.9	.1	.0	.2	.1
28	.1	.1	.2	.2	.3	.1	.5	1.2	.1	.0	.2	.1
29	.1	.1	.2	.2	...	.0	2.9	.6	.0	.1	.6	.1
30	.2	.1	.1	.3	...	.0	.1	.6	.0	.2	1.0	.1
31	.2	...	.1	.3	...	.0	...	.4	...	.2	1.4	...
Mean	.1	.2	.1	.3	.5	.1	1.0	1.1	.2	.4	12.6	.5
Max.	1.4	.4	.3	.6	.7	.3	15.0	9.7	1.4	8.0	261.0	2.3
Min.	.0	.0	.0	.2	.2	.0	.0	.1	.0	.0	.0	.1
A.F.	6.1	8.9	7.5	16.0	26.0	6.9	58.0	68.0	14.0	22.0	777.0	31.0

Total acre-feet 1040

DISCHARGE IN SECOND-FEET OF DRY CREEK NEAR CURTIS
Sec. 25-8-28 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	15	0	0	0	0	0	0	0
2	0	0	0	0	2	0	0	0	0	0	0	0
3	0	0	0	0	1	0	0	0	0	0	0	0
4	0	0	0	0	1	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	3
9	0	0	0	0	0	0	0	0	0	0	0	1
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	30	0	0	0	0
16	0	0	0	0	0	0	0	7	0	0	0	0
17	0	0	0	0	0	0	0	4	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	3	0
20	0	0	0	0	0	0	0	0	0	0	6	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	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	0	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
30	0	0	0	1	..	0	0	0	0	0	0	0
31	0	..	0	4	..	0	..	0	..	0	0	..
Mean	0	0	0	0	1	0	0	1	0	0	0	1
Max.	0	0	0	4	15	0	0	30	0	0	6	3
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	11	37	0	0	83	0	0	16	8

Total acre-feet 156

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER, NEAR NORTHPORT—Sec. 20-20-50 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	14	2	3	6	3
2	13	2	3	4	4
3	11	2	3	4	4
4	13	2	3	4	4
5	12	2	4	3	2
6	9	2	3	4	4
7	9	3	3	4	3
8	11	3	3	5	3
9	12	2	3	3	7
10	12	2	20	3	7
11	1	2	6	3	4
12	2	2	5	4	9
13	3	2	6	7	7
14	1	2	3	6	10
15	1	3	3	6	10
16	1	4	4	3	7
17	4	5	6	6	11
18	3	5	7	3	10
19	2	32	5	3	7
20	0	11	5	3	7
21	0	7	18	3	7
22	0	14	12	5	10
23	0	5	12	4	10
24	3	6	8	4	10
25	2	5	8	4	10
26	2	41	8	4	10
27	2	35	8	4	10
28	2	21	22	5	10
29	2	16	8	5	10
30	2	4	8	5	10
31	3	...	9	2	...
Mean	5	8	7	4	7
Max.	14	41	22	7	11
Min.	1	2	3	2	2
A.F.	300	280	430	250	430

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER NEAR EWING
Sec. 35-27-9 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	32	58	84	71	53	150	210	361	216	114	67	42
2	32	58	83	73	60	133	220	598	270	103	60	39
3	32	58	80	73	69	85	210	657	541	94	53	37
4	33	58	77	74	82	110	199	675	421	90	50	36
5	35	58	73	70	93	120	197	690	305	84	48	46
6	38	58	73	72	99	130	194	753	238	80	49	52
7	40	58	75	74	108	145	183	828	248	75	57	51
8	41	62	77	71	123	138	170	815	228	72	58	51
9	41	62	78	63	135	128	158	666	192	66	57	59
10	43	65	82	67	128	127	146	510	174	61	54	60
11	43	66	83	60	130	127	140	409	155	57	50	65
12	43	65	83	59	136	130	132	341	136	52	51	59
13	43	65	85	58	140	90	125	292	124	48	52	54
14	44	65	84	59	150	85	120	254	118	46	53	52
15	45	65	84	57	164	110	120	218	112	45	51	52
16	46	65	86	54	146	132	116	194	108	44	47	54
17	47	65	83	53	128	167	114	174	103	43	46	55
18	48	64	83	51	127	179	110	160	141	43	47	55
19	49	65	78	46	125	201	113	157	176	41	47	55
20	49	60	83	46	100	224	116	150	176	42	44	53
21	49	55	83	44	120	244	122	140	321	41	43	48
22	52	60	75	41	125	250	119	133	343	43	48	46
23	50	60	90	40	135	252	118	132	283	53	52	43
24	51	75	78	40	148	256	119	127	230	53	51	42
25	54	73	76	38	165	277	116	120	204	50	50	42
26	54	79	76	34	157	268	112	116	181	47	47	41
27	57	90	75	37	160	252	110	140	158	42	43	40
28	57	88	74	40	153	244	110	140	146	43	41	38
29	57	88	73	42	.....	230	179	127	133	41	43	38
30	57	86	70	46	.....	216	292	122	124	44	47	38
31	58	...	71	50	.....	210	.....	240	.....	53	44	...
Mean	46	66	79	55	124	175	150	337	210	58	50	48
Max.	58	90	90	74	165	277	292	828	541	114	67	65
Min.	32	55	70	34	53	85	110	116	103	41	41	36
A.F.	2820	3960	4870	3380	6860	10730	8910	20710	12510	3590	3070	2860

Total acre-feet 84270

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER NEAR NELIGH
Sec. 20-25-6 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	95	141	209	181	161	371	392	1140	483	288	120	134
2	92	146	207	183	182	335	429	1660	608	261	131	126
3	91	141	178	172	223	160	438	1800	1150	242	122	122
4	94	142	103	177	255	170	413	1720	1070	236	112	122
5	101	144	127	181	267	270	389	1510	920	224	110	144
6	104	142	170	181	308	315	371	1460	712	207	118	146
7	109	149	190	181	330	341	365	1420	568	201	134	137
8	112	158	199	180	366	318	360	1320	542	190	153	136
9	112	162	203	146	419	304	350	1160	504	180	141	153
10	115	162	222	117	426	296	330	965	445	171	132	158
11	115	164	213	166	358	294	310	784	392	164	124	155
12	118	165	207	178	296	283	300	676	347	156	128	148
13	116	167	228	175	343	220	280	596	304	149	134	139
14	116	167	217	174	324	200	275	522	283	141	137	134
15	119	165	228	169	329	230	270	466	273	136	136	134
16	125	169	204	141	321	280	270	422	254	132	126	146
17	132	167	194	135	301	315	265	371	240	126	128	149
18	132	169	198	136	291	353	260	356	245	125	137	149
19	134	175	221	126	294	401	260	347	294	122	134	144
20	139	171	220	115	256	442	259	318	329	119	130	139
21	136	119	201	105	259	466	283	301	1100	119	124	128
22	132	171	185	100	332	476	281	288	1560	119	155	125
23	132	205	195	95	332	462	273	335	1690	126	211	120
24	131	222	211	95	368	462	273	324	1300	130	180	118
25	139	211	187	92	410	483	266	283	885	122	164	118
26	139	207	181	96	410	476	261	264	628	118	155	119
27	139	218	181	99	404	466	252	341	486	110	142	116
28	141	229	175	103	383	452	242	356	407	109	132	118
29	141	220	176	114	.....	416	310	315	359	107	137	116
30	141	216	161	124	.....	404	720	286	310	107	151	115
31	141	.....	169	137	.....	392	.....	326	.....	115	142	.....
Mean	122	173	192	141	320	350	325	724	623	157	138	134
Max.	141	229	228	183	426	483	720	1800	1690	288	211	158
Min.	91	119	103	92	161	160	242	264	240	107	110	115
A.F.	7500	10280	11820	8680	17750	21530	19330	44530	37070	9620	8490	7950

Total acre-feet 204550

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER NEAR NORFOLK
Sec. 3-23-1 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	154	263	342	355	220	634	567	831	587	634	178	209
2	154	259	377	360	235	618	567	1510	769	509	186	186
3	154	266	360	375	270	543	587	1430	716	481	197	181
4	157	266	330	385	300	423	592	1400	682	441	195	181
5	157	259	310	390	330	463	592	1340	1160	390	186	183
6	159	263	300	385	360	450	572	1330	1200	365	186	197
7	157	259	280	370	420	381	543	1260	1090	350	195	206
8	157	263	290	355	460	323	509	1260	902	320	203	203
9	162	266	300	320	510	398	491	1190	876	294	224	209
10	165	266	310	260	580	486	459	1080	929	273	215	212
11	167	273	310	230	570	500	445	929	818	246	186	233
12	178	276	310	230	520	514	406	882	716	230	186	224
13	183	276	310	250	470	543	411	800	628	221	186	200
14	189	276	305	255	475	420	411	677	547	203	181	197
15	195	273	300	255	480	385	454	677	523	186	186	200
16	203	273	280	250	491	411	468	666	491	178	181	236
17	206	273	260	250	495	450	454	628	481	170	175	236
18	209	273	280	235	463	491	437	592	472	170	186	243
19	218	320	270	210	419	543	437	572	445	170	243	233
20	221	338	250	185	432	538	437	509	290	167	206	230
21	230	334	200	180	419	567	477	459	3110	167	192	209
22	236	334	145	175	428	612	472	411	2100	170	192	209
23	243	334	240	175	472	612	454	415	2090	175	189	206
24	246	331	260	175	486	628	441	428	1850	175	240	203
25	250	334	255	170	577	649	437	437	1520	178	243	200
26	256	334	250	170	612	644	428	419	1240	178	233	197
27	259	334	280	170	644	639	406	445	902	178	203	195
28	259	331	305	175	644	644	406	454	876	178	200	192
29	263	331	335	185	.....	639	432	504	769	172	197	181
30	259	327	345	195	.....	597	582	509	688	170	186	167
31	263	.....	350	200	.....	567	.....	618	.....	178	209	.....
Mean	204	294	292	254	456	526	479	796	982	255	199	205
Max.	263	338	377	390	644	649	592	1510	3110	634	243	243
Min.	154	259	145	170	220	323	406	411	290	167	175	167
A.F.	12510	17460	17930	15620	25350	32350	28510	48920	58450	15700	12230	12210

Total acre-feet 297240

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER NEAR WATERLOO
Sec. 21-16-10 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	343	480	599	592	339	1440	1060	1080	7120	1260	453	428
2	328	480	603	596	358	1500	1070	1940	3720	1420	435	428
3	321	476	698	607	377	1190	1080	3060	4880	1070	413	428
4	312	469	812	650	426	844	1190	2740	3880	998	396	417
5	303	469	802	637	472	781	1280	2550	3420	924	406	392
6	303	469	722	627	520	948	1260	2600	2910	855	413	389
7	315	469	675	614	567	1000	1140	2450	2510	823	431	540
8	328	469	643	622	638	1040	1080	2280	1930	791	476	586
9	337	469	616	522	819	1140	1030	2090	1660	741	472	457
10	343	476	616	513	1110	1330	979	1890	1610	707	453	492
11	343	480	616	490	1120	1410	936	1670	1550	684	461	469
12	346	488	661	419	1100	1380	883	1510	1520	643	476	442
13	350	496	638	389	1260	1240	833	1380	1280	612	465	450
14	346	496	575	393	1360	998	828	1280	1110	586	484	442
15	362	507	563	409	1250	866	839	1190	1090	573	476	435
16	366	503	533	400	1360	889	942	1100	1380	531	461	438
17	403	503	441	445	1460	924	1060	1000	1060	511	465	450
18	410	503	597	449	1540	1660	1020	986	1590	500	531	442
19	399	582	371	424	1450	2310	930	1040	3540	488	582	431
20	392	652	311	409	1690	1890	906	986	3920	469	552	417
21	392	688	348	406	1830	1380	2160	918	7110	465	544	396
22	410	712	514	396	1130	1240	2010	894	14100	476	535	369
23	420	656	474	384	1150	1220	1300	960	10100	453	573	372
24	428	612	438	389	1630	1180	1140	1130	4980	442	540	350
25	446	573	441	379	1790	1210	1060	960	3230	431	480	356
26	450	586	420	370	1760	1260	986	924	2300	424	488	343
27	450	594	469	355	1480	1270	900	1100	2090	417	511	346
28	450	616	517	358	1340	1210	918	2040	2140	413	503	356
29	465	594	575	328	.....	1180	900	1420	1600	450	469	359
30	469	607	566	315	.....	1130	960	1090	1330	446	453	389
31	476	.....	574	311	.....	1090	.....	2180	.....	450	435	.....
Mean	381	539	562	458	1119	1231	1089	1563	3355	647	478	420
Max.	476	712	812	650	1830	2310	2160	3060	14100	1420	582	586
Min.	303	469	311	311	339	781	828	894	1060	413	396	343
A.F.	23420	32080	34570	28160	62130	75670	64820	96080	199700	39770	29420	25010

Total acre-feet 710830

DISCHARGE IN SECOND-FEET OF ELM CREEK NEAR OVERTON
Sec. 17-10-19 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	2	0	0	0	0
2	0	0	0	0	0	0	0	2	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	1	0	0	0	0	0	0	0
6	0	0	0	0	1	0	0	0	0	0	0	0
7	0	0	0	0	1	0	0	0	0	0	0	0
8	0	0	0	0	1	0	0	0	0	0	0	0
9	0	0	0	0	1	0	0	0	0	0	0	0
10	0	0	0	0	1	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	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	43	0
19	0	0	0	0	0	0	0	0	0	0	3	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	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	0	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
30	0	0	0	0	..	0	0	0	0	0	0	0
31	0	..	0	0		0	..	0	..	0	0	..
Mean	0	0	0	0	0	0	0	0	0	0	2	0
Max.	0	0	0	0	1	0	0	2	0	0	43	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	12	0	0	8	0	0	92	0

Total acre-feet 112

DISCHARGE IN SECOND-FEET OF ELM CREEK—Sec. 33-9-18 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	0	7	8	0	11
2	17	5	4	0	10
3	16	4	2	0	9
4	13	3	0	0	8
5	6	14	2	0	5
6	4	13	0	0	2
7	0	11	0	0	2
8	0	6	0	0	1
9	0	5	1	0	7
10	0	4	1	0	7
11	1	3	0	0	8
12	3	7	0	0	5
13	1	5	0	0	3
14	0	5	0	0	6
15	0	12	0	4	8
16	4	17	0	1	4
17	3	10	0	4	7
18	13	12	0	3	5
19	10	13	0	14	5
20	12	15	0	24	2
21	10	12	0	10	4
22	15	5	0	6	3
23	14	1	0	4	3
24	13	1	0	8	2
25	12	8	0	10	1
26	13	3	0	11	0
27	12	1	1	10	0
28	12	0	1	10	0
29	7	0	0	12	0
30	5	8	0	11	5
31	11		0	9	
Mean	7	7	1	5	4
Max.	17	17	8	24	11
Min.	0	0	0	0	0
A.F.	450	420	40	300	260

DISCHARGE IN SECOND-FEET OF FOX CREEK NEAR CURTIS
Sec. 27-8-28 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	7	8	8	10	11	8	9	6	6	5	4
2	5	7	8	8	11	9	8	9	7	5	4	4
3	5	7	8	8	10	10	8	9	6	5	4	4
4	5	8	8	8	10	10	8	8	6	5	4	4
5	6	8	8	8	9	11	8	8	6	5	4	5
6	6	8	8	8	9	11	8	9	5	5	5	5
7	6	8	8	8	9	10	8	9	5	5	5	4
8	6	8	8	8	9	10	8	8	5	5	5	4
9	6	8	8	8	9	10	8	9	5	5	6	5
10	6	8	8	8	9	10	8	9	5	5	6	4
11	6	8	8	8	8	10	8	9	4	4	5	4
12	6	8	8	8	8	10	8	9	5	4	5	4
13	6	8	8	8	8	9	8	9	5	4	5	4
14	6	8	8	8	8	9	8	9	8	4	5	4
15	6	8	8	8	8	9	8	31	38	4	5	4
16	6	8	8	7	8	9	8	117	8	4	5	4
17	7	8	8	8	8	9	8	12	7	4	5	4
18	7	8	8	8	8	9	8	8	7	4	17	4
19	7	8	8	6	8	9	8	8	7	4	8	4
20	7	8	8	7	9	9	8	8	6	4	8	4
21	8	8	8	8	9	9	10	7	6	4	6	4
22	7	8	7	8	10	9	8	7	7	4	5	4
23	7	8	8	8	10	9	8	7	7	4	5	4
24	7	8	8	8	10	9	8	7	7	4	5	5
25	7	8	8	8	10	9	8	7	7	4	5	5
26	7	8	8	8	10	8	8	7	6	4	5	5
27	7	8	8	8	10	8	8	7	7	5	5	5
28	7	8	8	9	11	8	8	6	6	5	5	5
29	7	8	8	9		8	8	6	6	4	5	6
30	7	8	8	10		8	8	6	6	4	5	5
31	7		8	9		8		6		4	5	
Mean	6	8	8	8	9	9	8	12	7	4	6	4
Max.	8	8	8	10	11	11	10	117	38	6	17	6
Min.	5	7	7	7	8	8	8	6	4	4	4	4
A.F.	390	451	486	503	510	571	493	749	425	278	341	267

Total acre-feet 5460

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH INTO SUTHERLAND POWER RETURN
Sec. 16-13-30 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	23	19	12	14	13
2	23	21	12	15	12
3	24	20	12	15	12
4	24	19	12	14	11
5	25	20	12	12	13
6	24	20	12	12	11
7	23	19	12	15	11
8	23	19	12	14	11
9	23	18	12	15	12
10	22	18	12	16	12
11	22	18	12	14	13
12	22	16	11	14	13
13	22	15	11	13	13
14	22	13	11	14	12
15	20	14	11	13	12
16	30	15	11	13	14
17	32	14	11	13	12
18	35	13	11	16	13
19	35	14	9	16	13
20	34	13	8	15	13
21	34	14	5	14	13
22	24	12	6	14	13
23	22	12	7	14	14
24	21	11	7	12	13
25	20	10	7	11	14
26	20	12	9	9	14
27	20	12	10	9	15
28	19	12	10	12	16
29	18	12	9	12	16
30	18	12	10	14	18
31	19	...	10	13	...
Mean	24	15	10	13	13
Max.	35	21	12	16	18
Min.	18	10	5	9	11
A.F.	1470	910	630	830	780

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER BELOW CHAMPION
Sec. 22-6-39 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	26	49	32	49	50	40	44	28	48	29	49	27
2	28	50	32	52	49	41	48	44	50	28	45	27
3	26	50	34	49	49	48	49	47	42	32	43	29
4	26	52	35	51	50	48	49	46	44	44	41	37
5	31	55	53	50	50	51	32	46	39	47	42	44
6	35	57	49	55	50	48	27	38	37	45	41	50
7	30	56	52	49	49	48	29	27	38	45	42	46
8	35	53	54	54	51	50	21	30	33	43	42	45
9	39	57	53	52	42	49	26	41	34	45	44	46
10	41	53	54	53	37	49	25	44	32	41	41	45
11	42	55	52	52	36	50	24	47	31	43	42	45
12	42	56	53	53	39	43	27	46	33	49	43	42
13	41	59	52	49	38	41	26	45	28	37	40	45
14	44	56	51	51	37	52	24	45	39	41	42	45
15	36	53	54	51	38	54	28	40	39	43	42	50
16	27	54	50	53	37	52	21	47	32	42	43	35
17	31	52	49	49	38	43	24	103	31	42	46	39
18	30	40	51	50	38	39	24	59	38	41	48	36
19	33	37	52	50	30	39	24	64	41	43	47	25
20	31	40	52	46	35	43	31	59	39	42	36	26
21	34	39	53	50	34	34	20	56	37	41	27	28
22	33	35	38	51	34	35	24	53	33	54	29	32
23	31	37	52	47	35	34	27	52	31	47	29	35
24	33	37	50	48	34	34	24	49	30	46	32	28
25	33	39	51	47	34	34	25	44	31	46	28	32
26	34	32	52	47	34	34	26	35	31	46	28	31
27	31	34	50	47	33	33	24	34	29	43	29	32
28	32	34	51	48	32	32	25	34	33	44	28	32
29	32	34	52	50	....	33	25	34	31	44	28	32
30	31	34	49	50	....	32	26	37	25	46	34	31
31	34	...	51	49	...	33	...	47	...	42	31	...
Mean	33	46	49	50	40	42	28	46	35	43	38	37
Max.	44	59	54	55	51	54	49	103	50	54	49	50
Min.	26	32	32	46	30	32	20	27	25	28	27	25
A.F.	2050	2760	3000	3080	2210	2570	1680	2820	2100	2620	2340	2180

Total acre-feet 29410

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR IMPERIAL
Sec. 3-5-38 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	48	58	50	73	71	61	55	52	58	61	64	57
2	56	60	72	80	82	65	69	65	97	45	77	44
3	51	81	63	79	66	75	92	65	79	50	73	46
4	58	81	66	76	99	77	104	64	74	62	67	49
5	53	82	68	72	92	88	89	89	74	73	58	73
6	57	86	87	77	82	89	48	90	65	71	77	71
7	58	88	91	79	81	78	59	80	70	67	65	69
8	62	78	84	82	71	73	53	60	79	69	74	65
9	60	78	87	79	60	80	55	60	79	75	56	79
10	62	81	86	80	76	90	53	70	64	64	87	66
11	80	75	81	77	80	83	54	66	58	62	64	56
12	71	87	88	79	70	73	56	67	61	70	67	79
13	57	80	86	92	50	74	53	81	54	66	71	73
14	62	72	65	79	67	71	66	77	87	55	65	38
15	62	78	84	71	74	75	39	59	107	66	62	85
16	78	87	84	81	74	87	58	68	106	55	78	200
17	50	76	86	81	65	83	66	142	72	44	90	129
18	57	80	87	79	65	87	44	128	66	72	77	96
19	58	84	73	77	56	72	51	92	62	54	74	63
20	50	57	83	84	78	66	56	86	86	59	78	67
21	53	74	93	83	55	69	66	93	65	56	58	47
22	53	58	73	90	75	78	59	95	62	70	63	55
23	64	73	83	84	50	75	63	83	78	80	61	65
24	70	69	86	78	67	72	54	80	70	77	59	77
25	54	76	77	91	71	73	62	97	36	85	52	54
26	54	63	83	60	66	60	59	72	65	69	59	62
27	53	76	82	88	71	64	54	68	61	72	60	52
28	61	60	83	82	62	56	56	73	66	71	58	80
29	47	80	76	79	....	68	57	46	62	80	73	58
30	50	61	73	80	....	50	60	64	51	73	51	60
31	76	....	74	80	....	25	....	82	....	65	65	....
Mean	59	75	79	80	71	72	60	78	70	66	67	70
Max.	80	88	93	92	99	90	104	142	107	85	90	200
Min.	47	57	50	60	50	25	39	46	36	44	51	38
A.F.	3620	4440	4870	4900	3920	4440	3590	4790	4190	4040	4130	4200

Total acre-feet 51130

ENDERS RESERVOIRS STORAGE IN ACRE-FEET
From Frenchman River—Sec. 9-5-37 W.
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	26540	26420	30462	33990	37380	39870	42300	42720	44140	42460	38850	36330
2	26540	26540	30530	34140	37540	39870	42380	42720	44220	42380	38850	36180
3	26480	26670	30600	34280	37610	39950	42380	42720	44140	42210	38770	35820
4	26420	26850	30670	34420	37690	39950	42540	42720	44140	42130	38620	35590
5	26420	27040	30800	34560	37840	40030	42720	42800	44140	42130	38310	35520
6	26290	27290	30940	34638	38000	40190	42880	42800	44140	42050	38150	35380
7	26170	27480	31070	34710	38080	40350	42880	42720	44140	42050	38080	35080
8	26050	27605	31210	34860	38310	40350	42960	42720	44050	42050	37920	34860
9	25920	27730	31340	34940	38380	40430	42960	42630	44050	41890	37840	34710
10	25800	27920	31480	35010	38460	40750	42960	42630	44050	41810	37640	34560
11	25680	28050	31610	35150	38540	40750	42960	42630	43960	41810	37540	34420
12	25680	28180	31750	35300	38540	40830	42960	42460	43800	41640	37380	34210
13	25680	28310	31890	35380	38700	40830	43040	42540	43720	41640	37300	33990
14	25680	28440	31960	35450	38770	40830	43130	42630	43540	41400	37230	33850
15	25620	28630	32030	35590	38850	40990	43220	42630	43720	41240	37160	33560
16	25620	28760	32100	35660	38930	41070	43130	42720	43720	40990	37080	33710
17	25620	28880	32170	35740	39007	41150	43220	42880	43630	40830	37380	33710
18	25560	29080	32300	35820	39080	41400	43300	43130	43630	40660	37300	33640
19	25560	29140	32440	35960	39240	41400	43300	43220	43630	40510	37300	33490
20	25680	29210	32580	36040	39240	41480	43300	43300	43630	40350	37300	33420
21	25740	29340	32720	36110	39400	41560	43300	43540	43460	40190	37160	33208
22	25740	29470	32860	36180	39480	41640	43380	43720	43460	39950	37160	33140
23	25860	29610	32930	36400	39480	41720	43300	43630	43300	39800	37080	32860
23	25980	29740	33000	36480	39560	41810	43300	43630	43300	39560	37080	32790
25	25980	29870	33140	36560	39640	42050	43220	43720	43130	39560	36930	32580
26	25980	29940	33280	36630	39720	42130	43220	43880	42960	39560	36780	32440
27	26050	30000	33420	36700	39640	42130	43130	43960	42880	39400	36780	32300
28	26170	30130	33560	36860	39800	42130	43130	43960	42800	39320	36630	32170
29	26230	30200	33710	36930	.....	42130	43040	43960	42720	39240	36560	31960
30	26290	30330	33780	37080	.....	42210	42880	44050	42540	39160	36480	31680
31	26350	.....	33850	37230	.....	42210	.....	44050	.....	38930	36400	.....

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR ENDERS
Sec. 10-5-37 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	65	16	9	9	10	10	10	66	31	81	118	141
2	66	11	9	9	10	10	9	66	54	80	113	145
3	76	8	10	9	10	10	9	67	49	77	127	145
4	76	9	9	9	10	10	9	67	48	76	117	144
5	76	9	9	9	10	10	10	68	48	74	118	144
6	76	8	9	9	10	16	10	68	51	71	117	147
7	75	8	9	9	10	12	10	68	50	71	117	145
8	76	8	8	9	10	11	13	68	78	81	112	144
9	80	8	16	9	10	10	12	68	70	86	109	144
10	70	8	9	9	10	10	10	64	76	81	118	144
11	70	8	9	9	10	10	10	54	83	87	118	145
12	70	8	9	9	10	12	9	46	81	88	114	145
13	70	8	9	9	10	10	10	35	81	89	114	145
14	69	8	9	9	10	9	10	36	82	87	102	136
15	71	8	9	9	10	9	13	36	82	111	88	120
16	71	8	11	9	10	9	11	36	82	141	85	121
17	71	8	9	9	10	9	10	30	82	136	53	132
18	71	8	9	9	10	13	10	20	82	136	72	133
19	49	8	9	20	9	11	10	19	82	135	92	138
20	35	9	9	9	9	10	26	19	82	138	76	137
21	34	8	9	9	8	10	61	19	87	137	93	137
22	32	8	9	8	10	10	66	18	99	127	82	138
23	32	9	9	8	10	10	71	18	90	120	81	138
24	28	9	9	9	10	15	66	24	89	113	81	138
25	23	9	9	10	10	10	66	20	88	101	81	138
26	19	9	9	20	10	10	67	20	86	102	79	138
27	26	9	9	16	10	9	67	20	86	103	74	138
28	17	9	9	10	10	9	67	20	87	109	74	132
29	16	9	9	10	....	9	67	17	87	124	71	124
30	16	9	9	10	....	9	67	18	82	121	74	120
31	16		9	10	....	9	....	21	....	117	96	....
Mean	53	8	9	10	10	10	30	39	75	103	96	138
Max.	80	16	16	20	10	16	71	68	99	141	127	147
Min.	16	8	8	8	8	9	9	17	31	71	53	120
A.F.	3260	505	566	624	543	634	1750	2410	4470	6350	5880	8200

Total acre-feet 35190

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR HAMLET
Sec. 29-5-34 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	80	45	39	36	43	36	39	88	46	86	118	101
2	78	45	39	36	40	34	39	91	47	85	118	140
3	78	44	41	36	40	32	37	89	67	89	112	148
4	87	44	38	36	40	42	38	89	67	84	119	149
5	90	43	44	36	40	41	38	89	67	83	116	152
6	90	45	41	36	39	38	37	89	68	80	118	151
7	91	44	41	36	39	41	36	89	67	78	118	154
8	89	42	40	36	39	40	35	89	69	76	119	152
9	90	42	40	36	39	40	35	89	82	79	117	152
10	94	41	41	36	39	40	38	89	82	86	112	152
11	88	41	42	37	38	39	36	88	82	82	118	152
12	88	41	41	36	38	40	36	84	93	85	119	151
13	90	41	42	36	39	38	38	81	92	83	119	151
14	88	41	41	41	39	43	37	69	99	83	118	153
15	88	41	43	42	39	44	36	67	120	84	111	150
16	92	41	42	39	38	41	35	67	94	95	112	137
17	93	39	42	35	38	41	36	110	94	121	698	136
18	92	39	42	33	38	41	36	74	95	118	138	142
19	92	39	42	31	38	40	36	60	97	122	120	142
20	83	41	42	30	36	41	35	55	95	122	110	146
21	70	38	42	29	37	39	36	53	94	125	110	147
22	65	43	39	29	36	39	68	51	95	129	110	149
23	60	41	38	30	35	39	79	50	103	126	95	150
24	61	40	44	31	37	39	85	46	94	116	95	152
25	60	39	43	32	37	41	86	48	93	110	95	152
26	55	40	40	31	35	41	85	51	91	110	95	154
27	51	40	38	32	35	39	86	51	88	110	95	154
28	54	39	37	38	35	38	84	48	89	110	95	156
29	51	39	38	42	....	37	84	46	90	110	95	152
30	47	39	37	43	....	38	85	45	91	110	88	144
31	46		36	44	....	39	....	44	....	115	88	....
Mean	77	41	40	36	38	39	50	70	85	100	129	147
Max.	94	45	44	44	43	44	86	110	120	129	698	156
Min.	46	38	36	29	35	32	35	44	46	76	88	101
A.F.	4720	2450	2490	2180	2110	2420	3000	4320	5060	6130	7920	8770

Total acre-feet 51570

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR PALISADE
Sec. 36-5-34 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	83	53	42	40	47	40	27	72	49	87	120	88
2	80	52	42	40	45	38	19	73	51	84	120	120
3	79	50	43	40	44	34	19	73	61	87	114	131
4	86	50	42	40	43	39	18	72	67	82	116	135
5	91	49	46	39	43	42	20	72	67	80	118	136
6	91	49	44	40	43	39	19	72	67	77	119	136
7	92	49	42	40	42	39	18	72	67	74	121	137
8	90	46	41	40	42	40	15	71	53	72	124	138
9	91	46	40	39	42	40	14	71	51	70	126	142
10	93	46	42	40	42	40	14	71	61	79	112	142
11	91	45	43	39	41	40	14	70	63	73	108	142
12	88	45	40	41	41	43	14	66	72	74	112	141
13	88	45	42	44	42	41	14	64	74	73	113	142
14	87	43	39	47	42	45	14	57	74	73	112	144
15	86	42	41	45	42	47	14	52	100	73	108	147
16	87	42	40	42	41	42	14	49	81	77	105	136
17	87	42	40	39	41	40	14	126	79	94	541	127
18	86	41	40	36	41	40	14	78	79	94	241	129
19	86	40	40	34	40	39	14	65	81	98	116	127
20	85	43	40	33	41	40	14	59	81	99	105	130
21	71	40	39	32	41	39	14	57	82	100	104	129
22	66	43	40	32	41	39	31	54	80	108	101	132
23	61	45	37	33	40	39	55	53	86	107	98	132
24	61	44	42	34	41	39	61	41	82	112	93	132
25	61	43	45	35	40	38	66	40	78	113	91	132
26	57	43	46	34	40	39	66	48	76	105	91	134
27	57	43	43	36	40	27	67	53	73	103	91	136
28	55	43	42	42	40	19	66	52	80	102	88	138
29	58	42	42	45	....	19	69	49	90	102	94	137
30	54	42	41	47	....	28	69	49	93	112	89	131
31	52	....	41	48	....	39	....	48	....	116	85	....
Mean	77	45	42	39	42	38	30	63	73	90	125	133
Max.	93	53	46	48	47	47	69	126	100	116	541	147
Min.	52	40	37	32	40	19	14	40	49	70	85	88
A.F.	4760	2670	2550	2410	2320	2330	1760	3870	4360	5550	7690	7940

Total acre-feet 48210

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR CULBERTSON
Sec. 17-3-31 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	23	90	116	103	140	106	110	33	79	24	37	26
2	24	90	114	106	135	94	103	48	73	24	23	25
3	25	85	115	110	137	85	95	44	66	25	20	38
4	26	85	115	106	129	83	88	38	78	23	19	48
5	27	88	104	110	123	94	88	36	87	23	21	60
6	29	94	104	114	118	104	87	36	88	23	24	66
7	32	97	106	106	118	108	85	36	87	24	28	67
8	35	99	116	104	116	108	85	38	72	23	28	72
9	35	99	108	110	112	108	87	97	43	27	32	73
10	38	101	103	112	108	106	85	116	38	19	31	70
11	37	103	127	108	106	108	87	73	30	14	28	67
12	37	95	118	110	110	116	83	58	25	14	26	65
13	31	97	119	110	106	105	80	57	44	17	68	66
14	29	101	112	110	104	100	80	59	32	18	44	73
15	29	103	104	105	110	97	78	54	33	15	76	82
16	67	101	112	100	104	103	76	54	108	21	47	87
17	99	101	114	95	97	108	69	159	46	18	135	62
18	106	97	114	86	101	116	48	153	46	24	444	57
19	110	99	114	85	101	119	46	172	31	16	101	55
20	108	100	114	80	97	123	43	121	28	17	57	55
21	110	99	114	75	103	129	44	108	29	17	57	55
22	99	90	101	80	104	123	38	101	26	21	51	63
23	101	104	85	80	106	114	35	87	23	18	45	69
24	99	112	95	82	104	114	36	76	22	19	39	65
25	99	104	101	85	103	112	33	69	19	18	38	63
26	94	114	104	90	106	114	32	87	18	18	35	67
27	95	119	112	95	104	114	31	78	17	18	33	73
28	95	119	104	105	104	104	29	65	17	19	33	70
29	101	112	104	120	....	101	27	60	18	21	31	65
30	101	110	103	135	....	99	28	60	22	24	30	60
31	95	....	103	140	....	103	....	69	....	24	30	....
Mean	66	100	109	102	111	107	64	76	45	20	55	62
Max.	110	119	127	140	140	129	110	172	108	27	444	87
Min.	23	85	85	75	97	83	27	33	17	14	19	25
A.F.	4040	5970	6690	6260	6160	6580	3840	4650	2670	1240	3390	3700

Total acre-feet 55190

DISCHARGE IN SECOND-FEET OF GERING DRAIN NEAR GERING
Sec. 6-21-54 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	52	40	33	38	29	24	27	22	27	24	44	41
2	51	41	35	38	28	23	27	24	26	25	43	40
3	51	39	35	36	28	21	27	24	26	27	39	38
4	50	41	35	33	28	22	30	24	27	29	42	38
5	50	41	34	33	27	23	30	23	27	32	41	38
6	48	42	35	35	28	22	29	24	26	27	46	36
7	47	42	35	35	28	22	29	23	25	24	49	36
8	48	41	35	33	27	22	29	23	25	24	43	36
9	47	42	36	35	26	24	28	24	23	24	40	35
10	48	40	35	32	25	23	27	24	23	30	41	35
11	46	40	35	29	24	24	26	44	22	29	40	36
12	44	39	33	31	25	20	25	32	22	26	211	37
13	43	38	34	32	26	25	24	37	22	33	63	36
14	43	38	33	30	24	25	24	28	22	79	56	38
15	44	38	33	32	24	25	24	28	22	42	58	36
16	42	36	33	29	24	26	24	137	22	41	56	38
17	42	37	32	30	25	27	24	124	22	46	53	38
18	42	38	34	32	26	27	24	67	22	53	52	33
19	41	36	33	30	26	28	24	76	46	49	49	29
20	42	35	35	32	26	27	24	60	33	46	49	29
21	42	33	34	32	24	28	24	64	30	51	48	30
22	41	36	33	32	24	29	24	514	29	54	56	29
23	41	33	35	33	24	30	23	116	28	53	50	27
24	42	36	35	33	25	29	22	62	27	53	47	25
25	41	33	36	32	25	28	22	64	34	52	45	25
26	41	35	38	31	25	27	21	61	25	56	47	27
27	41	35	40	30	22	27	20	56	45	55	46	29
28	41	34	40	30	22	26	20	40	32	57	48	29
29	42	34	40	29	....	24	20	33	24	49	48	30
30	42	34	39	32	....	24	21	32	24	44	47	30
31	43	....	39	32	....	24	....	30	....	43	44	....
Mean	44	38	35	32	26	25	25	63	27	41	53	34
Max.	52	42	40	38	29	30	30	514	46	79	211	41
Min.	41	33	32	29	22	20	20	22	22	24	39	25
A.F.	2730	2240	2170	1990	1420	1540	1470	3850	1600	2530	3250	1990

Total acre-feet 26780

DISCHARGE IN SECOND-FEET OF HORSE CREEK NEAR LYMAN
Sec. 25-23-58 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	202	43	34	28	26	15	27	15	36	17	24	37
2	178	43	32	27	23	20	30	15	34	21	20	41
3	149	41	34	26	24	22	23	16	35	24	21	44
4	126	40	33	27	22	25	22	14	34	21	24	45
5	110	40	32	26	22	28	21	10	32	20	25	47
6	94	42	32	27	20	20	19	10	33	15	37	63
7	84	42	34	26	20	21	17	9	42	14	88	73
8	79	42	30	25	19	20	17	9	33	14	101	86
9	75	44	25	24	19	19	15	13	30	12	119	83
10	74	43	33	23	19	19	14	74	29	9	101	82
11	70	42	30	23	19	18	14	297	27	9	78	62
12	66	42	33	25	19	15	14	161	24	9	158	58
13	66	40	34	27	20	20	14	71	24	36	72	54
14	63	40	34	23	19	20	14	36	22	143	57	54
15	60	37	34	23	17	22	14	24	17	27	54	57
16	58	36	33	20	17	22	13	114	16	23	61	79
17	56	36	32	16	19	25	12	168	15	47	45	73
18	56	34	33	20	19	26	12	63	15	74	49	86
19	54	34	31	22	18	20	13	45	59	50	41	101
20	53	33	35	6	18	25	13	40	56	49	37	110
21	50	33	34	8	19	22	12	51	31	56	42	110
22	50	36	18	15	18	33	12	188	20	88	44	98
23	51	41	20	25	18	34	12	577	16	73	52	87
24	52	38	25	30	19	34	12	392	16	79	46	81
25	52	34	30	25	18	27	12	205	17	78	47	72
26	51	35	32	25	17	27	12	108	16	68	46	61
27	50	35	29	23	17	29	12	78	97	39	38	58
28	49	35	25	25	16	27	10	54	67	29	36	64
29	48	34	14	26	....	18	11	42	43	24	34	86
30	46	34	20	22	....	17	14	37	21	24	37	69
31	45	....	30	23	....	20	....	37	....	22	39	....
Mean	75	38	30	23	19	23	15	96	32	39	54	71
Max.	202	44	35	30	26	34	30	577	97	143	158	110
Min.	45	33	14	6	16	15	10	9	15	9	20	37
A.F.	4600	2280	1830	1410	1070	1410	906	5900	1900	2410	3320	4210

Total acre-feet 31250

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORTHPORT—Sec. 19-20-50 W.

Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	3	17	17	9	11
2	3	12	15	7	9
3	3	10	4	8	13
4	3	13	6	8	11
5	2	11	6	7	9
6	7	10	3	8	11
7	5	15	4	8	10
8	2	15	4	9	10
9	2	14	3	10	13
10	3	8	4	10	13
11	3	11	8	10	10
12	12	10	5	9	22
13	11	8	4	10	20
14	9	6	4	10	19
15	11	8	5	9	18
16	11	7	5	19	16
17	15	7	5	13	16
18	7	12	9	19	16
19	13	19	5	17	14
20	11	17	6	17	10
21	11	17	12	15	10
22	0	16	10	16	12
23	8	3	8	16	13
24	6	14	10	16	13
25	19	6	8	7	13
26	17	16	8	7	11
27	19	6	9	7	12
28	17	3	17	7	14
29	22	5	9	11	12
30	19	15	10	9	12
31	22	...	6	11	...
Mean	10	11	7	11	13
Max.	22	19	17	19	22
Min.	0	3	3	7	9
A.F.	590	660	450	670	780

DISCHARGE IN SECOND-FEET OF KEYAPAHA RIVER NEAR WEWELA, SOUTH DAKOTA—Sec. 24-95-76 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	24	39	40	54	34	95	166	151	70	66	32	29
2	25	39	38	56	38	97	155	140	131	64	31	24
3	26	38	36	57	50	74	149	129	192	62	28	24
4	27	38	20	58	74	76	144	151	209	58	26	24
5	26	42	21	59	82	82	140	207	218	54	24	38
6	26	46	44	60	90	92	140	213	257	48	24	51
7	27	50	54	61	92	99	126	186	296	42	40	57
8	29	50	61	54	89	106	121	153	283	40	37	88
9	28	49	64	46	97	113	99	128	244	41	34	120
10	28	48	69	39	107	113	99	104	168	34	30	88
11	29	48	72	38	121	90	110	103	158	32	24	46
12	30	46	74	38	142	64	121	103	132	29	26	42
13	31	48	74	38	162	31	96	97	116	27	32	38
14	32	49	72	38	180	28	88	90	100	25	30	37
15	33	50	70	38	160	25	92	85	96	24	28	38
16	34	50	68	37	132	27	76	80	99	24	25	38
17	31	52	64	36	118	30	75	76	102	24	24	41
18	33	53	66	35	93	100	75	76	112	25	28	39
19	34	53	68	31	90	200	75	77	110	26	28	38
20	38	54	70	29	85	283	81	72	147	46	28	38
21	41	54	59	28	84	353	80	72	184	41	30	34
22	48	53	48	27	82	344	80	67	160	32	44	34
23	47	53	49	27	77	304	80	67	134	31	47	31
24	46	52	52	26	75	330	76	63	85	28	42	31
25	45	50	56	21	80	258	75	61	83	25	36	31
26	44	51	58	21	83	186	74	75	82	26	31	31
27	42	52	59	20	85	204	72	71	94	22	30	31
28	40	52	59	21	90	195	72	70	106	24	30	31
29	38	50	54	24	...	186	92	67	83	21	31	31
30	38	44	49	29	...	166	137	69	72	34	38	33
31	39	...	49	33	...	147	...	71	...	33	30	...
Mean	34	48	56	38	96	145	102	102	144	36	31	42
Max.	48	54	74	61	180	353	166	213	296	66	47	120
Min.	24	38	20	20	34	25	72	61	70	21	24	24
A.F.	2100	2880	3450	2340	5340	8920	6080	6300	8570	2200	1920	2490

Total acre-feet 52590

DISCHARGE IN SECOND-FEET OF LINCOLN COUNTY DRAIN NO. 1
Sec. 30-14-30 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	37	64	96	121	115
2	40	81	96	126	113
3	40	80	98	121	113
4	42	75	96	109	123
5	41	75	98	117	121
6	40	76	92	103	123
7	40	68	91	109	119
8	40	80	103	105	119
9	41	72	94	103	109
10	43	65	105	101	115
11	47	69	109	113	115
12	52	72	109	109	113
13	54	75	98	109	103
14	57	80	94	126	101
15	59	81	94	126	99
16	57	81	92	121	109
17	58	81	91	119	101
18	70	81	94	121	99
19	67	78	99	121	89
20	62	78	96	117	107
21	63	84	99	115	99
22	59	82	107	111	99
23	61	87	107	119	99
24	63	82	105	113	103
25	58	82	103	115	103
26	58	75	107	119	105
27	57	80	105	117	99
28	63	84	105	121	99
29	67	94	111	111	96
30	63	91	113	111	96
31	72	----	121	147	----
Mean	54	78	101	116	107
Max.	72	94	121	147	123
Min	37	64	91	101	89
A.F.	3310	4670	6200	7130	6360

DISCHARGE IN SECOND-FEET OF LINCOLN CREEK NEAR SEWARD
Sec. 24-11-2 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	14	14	13	17	13	22	15	23	14	22
2	----	----	15	14	13	16	14	56	17	22	23	19
3	----	----	28	12	14	12	14	82	17	21	49	17
4	----	----	25	15	14	14	14	110	16	20	15	15
5	----	----	17	15	12	15	14	121	16	19	13	14
6	----	----	17	15	13	16	14	96	15	19	28	13
7	----	----	16	14	14	15	14	71	15	18	134	12
8	----	----	15	15	14	15	14	46	15	18	83	12
9	----	----	13	10	15	15	14	33	23	17	35	13
10	----	----	14	10	14	15	14	26	31	19	180	12
11	----	----	11	8	15	15	14	23	249	17	216	12
12	----	----	10	7	13	15	15	21	423	16	109	12
13	----	----	8	7	20	15	15	19	510	15	46	11
14	----	----	8	8	18	11	15	19	153	14	47	11
15	----	----	10	8	17	10	15	18	55	14	40	11
16	----	----	12	7	17	13	16	18	38	14	53	11
17	----	----	9	7	18	14	16	26	606	14	160	11
18	----	----	9	8	16	14	14	21	2180	12	124	11
19	----	----	11	8	17	15	15	42	1800	12	103	11
20	----	----	10	8	20	14	16	53	955	13	119	10
21	----	----	10	7	17	14	19	28	623	11	70	10
22	----	----	6	8	17	14	46	20	332	11	121	10
23	----	----	12	10	19	14	240	18	169	12	81	10
24	----	----	14	10	18	14	239	16	94	11	43	10
25	----	----	12	12	18	15	105	15	59	10	33	10
26	----	----	12	13	18	14	42	15	42	11	35	11
27	----	----	12	13	18	14	42	16	34	10	83	10
28	----	14	10	13	18	14	32	15	30	11	100	10
29	----	14	13	13	----	13	25	14	26	11	65	10
30	----	14	9	12	----	13	26	14	24	10	43	10
31	----	----	17	12	----	14	----	15	----	10	30	----
Mean	----	----	13	11	16	14	37	36	286	15	74	12
Max.	----	----	28	15	20	17	240	121	2180	23	216	22
Min.	----	----	6	7	12	10	13	14	15	10	13	10
A.F.	----	----	786	661	893	871	2190	2200	17020	902	4550	714

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK NEAR BUSHNELL
Sec. 33-15-57 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	10	9	9	11	10	14	9	9	5	5	4
2	8	9	8	10	11	9	16	9	9	5	5	4
3	8	9	8	10	11	9	15	11	9	5	5	4
4	8	9	7	10	11	10	14	11	7	5	5	4
5	8	9	6	10	11	10	14	10	7	5	5	4
6	8	9	6	11	11	10	14	10	7	5	5	4
7	8	9	5	11	11	10	13	10	8	5	6	4
8	8	9	6	11	12	10	13	10	7	5	5	21
9	8	9	6	12	11	10	12	10	7	5	5	25
10	8	9	7	12	11	10	11	10	7	5	5	9
11	8	9	8	12	11	10	11	10	6	5	5	7
12	8	9	9	11	10	3	11	10	6	4	5	6
13	8	10	9	13	12	3	11	10	6	4	5	6
14	8	10	10	13	11	2	10	10	6	25	5	6
15	8	10	10	12	11	3	10	10	6	7	5	5
16	9	10	10	12	11	8	10	10	6	6	5	5
17	9	10	10	12	11	11	10	11	6	6	5	5
18	9	10	9	11	11	30	10	14	6	6	5	5
19	9	9	9	12	10	12	10	12	6	6	5	5
20	9	9	10	10	9	5	10	11	6	5	5	5
21	10	9	10	10	9	9	10	10	5	5	5	5
22	9	9	8	10	10	10	9	11	5	5	5	5
23	9	10	8	11	9	20	9	12	5	5	5	5
24	9	10	8	11	10	17	9	12	5	5	4	6
25	9	10	9	11	9	15	9	11	6	13	4	6
26	9	10	9	11	10	18	9	11	6	19	4	6
27	9	10	8	10	10	16	8	10	7	8	4	6
28	9	9	8	10	10	14	8	10	6	7	4	6
29	10	9	9	11	....	12	8	10	6	6	5	6
30	10	9	8	11	....	12	8	10	5	5	5	6
31	10	..	9	11	....	11	..	9	..	5	4	..
Mean	9	9	8	11	10	11	11	10	6	7	5	7
Max.	10	10	10	13	12	30	16	14	9	25	6	25
Min.	8	9	5	9	9	2	8	9	5	4	4	4
A.F.	539	557	510	676	584	672	649	637	376	417	301	392

Total acre-feet 6310

OLIVER RESERVOIR STORAGE IN ACRE-FEET
From Lodgepole Creek—Sec. 36-15-57 W.
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	.....	.....	.....	3140	3370	.....	.....	3970	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1950	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	2900	.....	.....	.....	.....	.....	.....	.....	.....
5	1940	.....	.....	.....	.....	.....	3740	3870	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	3440	.....	.....
7	.....	.....	2680	.....	.....	.....	.....	.....	3940	.....	.....	.....
8	.....	.....	.....	.....	3210	3400	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1720	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	2410	.....	.....	.....	.....	.....	3890	.....	.....	.....	.....
12	.....	.....	.....	2970	.....	.....	3780	.....	.....	.....	.....	.....
13	2060	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	2740	.....	.....	.....	.....	.....	3890	.....	.....	1040
15	.....	.....	.....	.....	3270	.....	.....	.....	.....	.....	.....	.....
16	.....	2470	.....	.....	.....	.....	.....	.....	.....	.....	1370	.....
17	.....	.....	.....	.....	.....	.....	.....	3920	.....	.....	.....	.....
18	.....	.....	.....	3020	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	3800	.....	.....	2670	.....	.....
20	2170	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	.....	2820	.....	.....	.....	.....	.....	3790	.....	.....	950
22	.....	.....	.....	.....	.....	3470	.....	.....	.....	.....	.....	.....
23	.....	2570	.....	.....	3300	.....	.....	.....	.....	.....	1100	980
24	.....	.....	.....	.....	.....	.....	.....	4000	.....	.....	.....	.....
25	.....	.....	.....	3080	.....	.....	.....	.....	.....	.....	.....	.....
26	2330	.....	.....	.....	.....	.....	3830	.....	.....	2300	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	2860	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1040
30	.....	2630	.....	.....	.....	.....	.....	.....	.....	.....	860	1060
31	.....	.....	.....	.....	.....	3650	.....	.....	.....	.....	.....	.....

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK BELOW OLIVER RESERVOIR AND NEW RUTTNER DIVERSION DAM
Sec. 31-15-56 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	4	1	3	2	1
2	4	1	4	4	2
3	4	3	4	3	1
4	4	3	3	3	1
5	4	3	3	3	1
6	4	3	3	3	1
7	4	6	5	3	2
8	3	4	5	2	2
9	2	3	5	2	3
10	2	4	3	3	3
11	2	3	3	2	3
12	2	3	4	4	3
13	3	3	3	4	3
14	2	3	3	3	3
15	2	3	3	2	2
16	2	3	3	2	2
17	3	3	3	2	4
18	2	3	5	2	3
19	2	3	2	2	1
20	2	3	2	2	2
21	2	2	5	1	3
22	2	3	4	1	3
23	3	2	4	1	3
24	2	2	3	2	3
25	2	2	4	1	3
26	1	4	3	2	3
27	1	4	3	3	1
28	2	4	3	4	1
29	2	4	3	4	1
30	2	4	3	1	1
31	1	..	3	1	..
Mean	2	3	3	2	2
Max.	4	6	5	4	4
Min.	1	1	2	1	1
A.F.	150	180	210	150	130

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK ABOVE BENNETT RESERVOIR
East Line Sec. 29-15-55 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	4	1	3	0	0
2	4	1	0	0	0
3	4	1	2	0	1
4	5	1	1	0	1
5	1	1	1	0	1
6	4	1	1	0	0
7	4	2	1	0	1
8	5	4	1	0	1
9	5	2	1	1	1
10	4	3	1	1	1
11	5	3	1	0	4
12	5	4	1	0	5
13	5	3	1	0	5
14	5	4	1	0	6
15	5	4	1	1	6
16	6	4	1	0	6
17	8	3	0	20	4
18	8	3	0	35	5
19	7	4	1	7	7
20	5	2	0	2	5
21	6	2	0	1	4
22	4	2	0	0	4
23	4	0	0	1	5
24	4	0	0	2	5
25	4	1	0	1	5
26	2	40	0	1	5
27	2	13	0	0	5
28	2	13	3	0	5
29	1	7	1	0	5
30	1	3	0	0	5
31	1	..	0	0	..
Mean	4	4	1	2	4
Max.	8	40	3	35	7
Min	1	1	0	0	0
A.F.	270	260	50	140	210

BENNETT RESERVOIR STORAGE IN ACRE-FEET
A-657, A-1974, on Lodgepole Creek—Sec. 22-15-55 W.
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	.....	.....	.....	980	1030	.....	.....	.....	.....	.....	.....
2	.....	320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	870	.....	.....	.....	.....	.....	.....	.....	.....
5	240	.....	.....	.....	.....	.....	1150	1040	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	750	980	.....	.....
7	.....	.....	690	.....	.....	.....	.....	.....	.....	.....	.....	760
8	.....	.....	.....	.....	990	1040	.....	.....	760	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	530	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	480	.....	.....	.....	.....	.....	910	.....	.....	.....	.....
12	.....	.....	.....	900	.....	.....	1140	.....	.....	910	.....	.....
13	260	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	770	.....	.....	.....	.....	.....	760	.....	.....	710
15	.....	.....	.....	.....	1000	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	430	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	920	.....	.....	.....	850	.....	.....	.....	.....
19	260	.....	.....	.....	.....	.....	1060	.....	.....	820	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	.....	920	.....	.....	.....	.....	.....	.....	.....	.....	670
22	.....	.....	.....	.....	.....	1040	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	1030	.....	.....	.....	.....	.....	980	.....
24	.....	620	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	940	.....	.....	.....	800	.....	.....	.....	.....
26	280	.....	.....	.....	.....	.....	1070	.....	.....	740	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	840	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	650	.....	.....	.....	.....	.....	.....	.....	.....	870	640
31	.....	.....	.....	.....	.....	1050	.....	.....	.....	.....	.....	.....

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK BELOW BENNETT RESERVOIR
Sec. 22-15-55 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	0.0	0.0	0.7	0.0	0.7
2	.0	.0	1.0	.0	.7
3	.0	.0	1.0	.0	.7
4	.5	.0	.2	.0	.8
5	.5	.0	.2	.0	2.0
6	.5	.2	.3	.0	2.0
7	.5	.2	.6	.5	2.0
8	.2	.3	.6	.5	.6
9	.2	.3	.6	.8	.6
10	.2	.3	.8	.6	.6
11	.2	.3	.8	.6	.6
12	.2	.2	1.0	1.0	.6
13	.2	.4	.7	.8	.6
14	.2	.4	1.0	.6	2.0
15	.2	.5	.6	.3	2.0
16	.2	.5	.6	.4	2.0
17	.2	.5	.6	.2	2.0
18	.0	.2	.6	7.0	2.0
19	.0	.2	.6	6.0	2.0
20	.0	.2	.6	6.0	2.0
21	.0	.3	.6	6.0	2.0
22	.0	.3	.2	5.0	2.0
23	.0	.5	.6	2.0	2.0
24	.1	.5	.6	2.0	2.0
25	.1	.5	.6	.6	2.0
26	.0	18.0	.0	2.0	2.0
27	.0	.8	.0	2.0	2.0
28	.0	.8	.0	2.0	.3
29	.0	.7	.0	1.0	.3
30	.0	.7	.0	1.0	.3
31	.0	...	.0	.6	...
Mean	.1	1.0	.5	2.0	1.0
Max.	.5	18.0	1.0	7.0	2.0
Min.	.0	.0	.0	.0	.3
A.F.	10.0	60.0	30.0	100.0	80.0

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK NEAR RALTON
Sec. 12-12-45 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	11	20	23	18	10	16	4	12	2	2	3
2	9	12	20	20	15	8	16	7	12	2	2	2
3	9	10	19	18	18	14	15	10	12	2	1	3
4	9	10	17	18	20	17	15	14	15	1	1	3
5	8	10	18	18	18	18	14	16	12	1	1	3
6	5	14	18	18	18	13	14	21	12	1	1	3
7	6	14	22	20	17	12	18	20	11	1	1	3
8	5	14	20	20	17	11	16	18	6	2	2	3
9	5	16	17	18	17	11	16	17	3	2	2	3
10	5	17	18	17	16	10	15	17	2	2	1	3
11	5	17	18	17	15	6	14	16	3	2	0	3
12	5	17	20	16	15	2	14	14	3	1	0	3
13	5	17	20	16	15	2	14	11	3	1	0	3
14	5	17	18	14	17	1	14	11	3	2	0	3
15	5	16	20	16	17	20	14	11	3	2	0	3
16	5	16	18	12	17	16	14	12	6	2	1	4
17	5	16	18	18	17	17	10	16	4	2	1	4
18	5	16	17	22	17	16	7	15	4	4	18	4
19	5	10	18	21	13	25	7	15	4	3	14	4
20	6	4	21	15	13	12	7	14	3	3	4	4
21	8	15	14	23	14	16	6	14	3	2	5	6
22	7	13	16	22	13	16	6	14	2	1	8	8
23	10	16	15	21	12	15	4	14	1	1	16	6
24	10	13	19	21	12	13	2	13	1	1	26	6
25	12	21	16	18	14	12	3	14	1	1	14	5
26	17	20	15	16	10	12	3	13	1	1	8	5
27	14	21	14	21	11	13	3	11	1	1	7	5
28	14	22	14	25	11	14	4	8	2	1	6	5
29	13	21	18	23	....	11	3	14	2	1	6	5
30	12	20	20	25	....	9	3	13	2	1	5	5
31	12	...	22	22	....	13	..	13	..	1	3	..
Mean	8	15	18	19	15	12	10	14	5	2	5	4
Max.	17	22	22	25	20	25	18	21	15	4	26	8
Min.	5	4	14	12	10	1	2	4	1	1	0	3
A.F.	487	904	1110	1180	847	762	610	832	294	99	312	236

Total acre-feet 7670

DISCHARGE IN SECOND-FEET OF LOGAN CREEK NEAR UEHLING
Sec. 16-20-8 E.—Water Year Enging September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62	71	73	50	62	295	152	145	2840	239	110	83
2	63	74	79	67	59	283	154	259	638	225	103	81
3	62	73	92	68	64	135	191	323	3170	210	95	80
4	61	72	90	66	75	100	168	290	929	197	93	80
5	61	72	76	60	87	175	162	214	461	186	93	83
6	61	69	78	75	112	220	197	184	342	172	93	413
7	62	71	71	75	113	250	176	158	276	164	101	271
8	63	71	67	74	112	310	154	143	232	158	108	117
9	66	71	37	49	110	390	143	131	203	152	110	108
10	65	71	36	37	121	523	133	124	193	148	100	100
11	62	71	46	28	119	465	120	120	193	143	92	100
12	61	71	39	39	109	383	113	112	176	139	98	103
13	60	71	38	41	107	197	112	110	162	133	100	95
14	63	71	29	42	96	85	110	106	160	126	103	92
15	66	71	28	44	117	110	122	105	154	126	98	90
16	67	71	31	46	122	150	141	106	166	122	92	90
17	77	71	44	40	180	162	166	103	162	115	145	90
18	72	71	44	43	128	1700	128	103	2220	117	112	85
19	71	84	44	47	133	799	115	108	3490	113	128	80
20	69	101	42	49	371	396	117	108	2170	113	126	75
21	67	115	42	47	203	241	234	101	7620	115	103	70
22	68	100	40	45	197	199	158	101	4970	112	98	65
23	68	86	40	49	550	178	139	100	1940	110	106	63
24	66	80	30	50	472	168	131	103	1010	103	103	62
25	69	77	47	55	523	180	122	92	573	100	98	63
26	71	74	49	56	365	199	120	90	405	97	95	63
27	69	76	50	58	219	170	113	330	1370	93	90	65
28	69	72	54	58	239	174	105	243	538	110	87	72
29	71	74	55	60	.....	160	105	135	312	113	84	86
30	71	74	55	60	.....	148	131	110	264	108	84	76
31	71		55	64		154		3430		112	83	
Mean	66	76	52	53	184	294	141	254	1245	138	101	100
Max.	77	115	92	75	550	1700	234	3430	7620	239	145	413
Min.	60	69	28	28	59	85	105	90	154	93	83	62
A.F.	4070	4550	3180	3260	10240	18050	8390	15640	74060	8470	6210	5950

Total acre-feet 162070

DISCHARGE IN SECOND-FEET OF LOUP RIVER NEAR COLUMBUS
Sec. 30-17-1 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	104	140	223	476	722	1420	718	771	203	249	108	126
2	90	135	275	489	733	1000	650	2510	324	213	94	122
3	81	135	365	425	783	1450	743	2680	595	218	81	108
4	81	77	704	473	892	1830	743	1590	336	188	81	122
5	94	31	1250	1050	1040	1400	603	1610	551	193	90	94
6	94	104	573	1510	1100	1300	658	1230	359	164	126	94
7	104	164	938	1970	1170	1270	666	929	330	188	254	90
8	104	178	676	1560	1500	1500	780	887	319	164	376	108
9	122	173	1450	809	1500	1500	974	626	324	168	280	178
10	108	188	2000	220	5500	1210	743	508	353	198	145	193
11	108	173	1110	248	5000	986	573	475	314	164	150	183
12	104	173	1210	704	4250	908	718	353	280	150	131	112
13	104	173	745	716	3700	1850	726	330	193	178	135	117
14	104	173	899	684	3600	2500	587	330	213	168	140	164
15	104	168	1710	647	2410	2300	551	353	1720	154	112	193
16	117	154	1360	457	2200	550	619	270	2060	140	99	208
17	126	150	1500	570	1790	798	789	330	1190	135	228	145
18	104	168	1260	490	1370	950	456	502	13100	86	188	140
19	112	249	1090	594	1110	1170	330	353	2320	77	150	126
20	131	300	859	570	2150	1210	371	292	482	90	112	108
21	173	1370	481	528	2200	1210	551	270	319	86	140	168
22	117	1020	1510	440	2230	1100	1730	254	336	94	168	154
23	112	489	221	657	1440	986	950	213	292	108	145	150
24	126	324	221	648	1530	866	551	198	302	112	117	154
25	140	308	261	638	1340	940	353	342	280	108	126	154
26	117	342	275	594	1390	940	359	324	286	81	140	81
27	117	223	355	543	1310	1020	319	308	228	77	131	68
28	145	265	421	551	1420	752	314	808	223	122	117	131
29	145	213	467	616	.....	771	431	330	280	104	122	154
30	145	203	785	633	.....	929	324	239	244	81	140	131
31	145		748	658		735		239		86	131	
Mean	115	265	837	683	1978	1205	629	660	945	140	147	136
Max.	173	1370	2000	1970	5500	2500	1730	2680	13100	249	376	208
Min.	81	31	221	220	722	550	314	198	193	77	81	68
A.F.	7100	15790	51460	41990	109800	74080	37450	40570	56240	8620	9040	8080

Total acre-feet 460200

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR DUNNING
Sec. 33-22-24 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	345	374	391	406	380	348	345	457	388	345	398	357
2	360	371	384	406	380	320	364	469	474	345	395	326
3	364	371	364	306	380	290	364	465	367	354	364	320
4	371	371	338	345	380	300	381	453	367	360	364	348
5	360	371	326	364	380	330	377	461	381	354	357	351
6	371	381	360	381	406	380	413	461	384	371	424	395
7	371	384	381	391	391	428	391	474	428	360	492	384
8	364	360	417	421	421	417	360	398	391	351	384	371
9	364	367	421	350	432	421	342	384	374	326	371	360
10	371	384	417	350	440	440	354	364	402	323	345	367
11	374	381	402	350	417	465	348	374	367	335	338	357
12	360	367	421	351	413	461	335	374	348	342	364	354
13	364	388	395	350	421	421	354	367	345	342	357	360
14	360	402	402	350	421	428	364	384	354	338	348	371
15	357	413	436	350	428	444	371	388	357	357	329	367
16	371	413	436	355	391	436	374	388	364	377	351	384
17	374	410	417	355	417	453	398	395	371	381	357	395
18	364	410	413	355	413	478	453	395	474	360	357	402
19	360	395	395	355	421	478	478	381	381	354	345	388
20	364	315	436	355	384	436	482	406	364	367	342	374
21	524	325	367	360	354	413	487	374	377	360	351	342
22	448	345	342	360	391	417	440	388	342	364	357	351
23	377	374	370	360	381	424	388	388	335	371	364	360
24	371	402	420	360	338	424	384	367	332	357	354	367
25	384	388	420	364	351	424	384	364	345	360	354	381
26	354	395	415	370	357	374	374	374	348	351	335	388
27	351	391	412	370	360	402	360	413	357	345	329	381
28	357	402	410	370	342	413	360	398	367	351	338	406
29	364	398	408	370	.....	398	548	360	413	367	338	384
30	377	398	406	370	...	398	461	371	388	388	345	371
31	374	...	406	370		357		398	...	395	354	.....
Mean	373	382	398	364	392	407	394	401	376	356	361	369
Max.	524	413	436	421	440	478	548	474	474	395	492	406
Min.	345	315	326	306	338	290	335	360	332	323	329	320
A.F.	22950	22700	24450	22350	21800	25030	23470	24660	22380	21920	22220	21940

Total acre-feet 275870

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR MILBURN
Sec. 15-21-22 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	720	874	828	790	900	740	817	810	773	751	710	751
2	762	1070	883	750	960	570	850	830	996	730	631	730
3	773	1020	883	620	1020	260	839	790	874	730	613	730
4	806	874	880	700	1100	350	862	762	828	700	631	751
5	806	830	700	710	1200	600	806	784	862	680	660	795
6	795	840	770	740	1180	880	839	806	839	680	828	806
7	784	860	870	760	934	980	784	850	740	631	898	817
8	795	780	915	790	983	830	784	795	730	640	795	762
9	850	800	910	720	839	820	828	730	690	670	773	730
10	850	830	850	580	886	830	817	781	710	700	751	710
11	828	922	815	600	839	830	817	806	700	700	740	740
12	828	946	810	640	1060	820	828	806	690	640	740	751
13	806	862	830	600	898	690	828	828	710	650	751	720
14	795	862	840	530	762	690	874	850	751	631	740	730
15	817	839	810	500	817	740	862	828	806	650	751	740
16	795	795	810	300	910	710	740	795	839	640	784	740
17	795	806	820	320	1050	720	690	828	839	613	806	740
18	784	886	830	420	983	886	720	828	898	613	817	762
19	784	828	830	520	946	828	886	784	946	613	828	773
20	751	773	880	640	828	817	922	795	874	631	862	795
21	946	922	820	590	751	828	922	780	922	660	862	740
22	922	1050	300	650	773	828	817	790	828	680	817	740
23	886	996	390	710	720	700	773	760	762	720	806	762
24	898	983	480	650	762	720	773	720	680	700	817	784
25	934	958	620	590	795	750	762	740	631	690	784	806
26	934	934	870	610	660	800	762	760	640	720	795	862
27	886	839	840	610	670	760	751	773	670	751	784	898
28	839	762	780	620	700	762	784	751	690	751	784	970
29	839	720	860	650	.....	762	983	720	795	773	795	886
30	910	806	910	700	.....	751	910	795	773	762	762	828
31	898		810	800		817		828		720	762	.....
Mean	833	876	789	626	890	744	821	791	783	685	770	778
Max.	946	1070	915	800	1200	980	983	850	996	773	898	970
Min.	720	720	300	300	660	260	690	720	631	613	613	710
A.F.	51210	52100	48480	38500	49440	45760	48850	48610	46580	42090	47360	46310

Total acre-feet 565290

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR WALWORTH
Sec. 1-19-20 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	662	876	996	810	1000	840	876	840	718	744	778	778
2	646	945	867	780	1130	500	849	885	804	727	694	752
3	670	895	858	740	1170	250	925	804	905	752	670	744
4	702	876	820	720	1240	300	849	752	630	727	662	778
5	710	935	700	901	1300	670	822	813	761	694	662	876
6	702	867	720	905	1380	850	858	840	885	686	770	831
7	686	1040	820	910	1200	935	786	858	840	646	895	867
8	670	849	901	930	1270	778	831	770	867	638	795	831
9	686	858	901	749	1180	786	849	770	840	638	813	858
10	710	895	770	572	1040	744	840	822	795	615	778	804
11	736	867	840	672	1080	831	867	858	813	630	752	795
12	770	895	800	584	1110	849	876	876	770	630	727	736
13	770	895	870	590	1150	727	876	885	770	592	744	744
14	795	895	840	660	965	800	945	885	744	600	727	761
15	813	905	830	623	965	880	867	945	744	646	744	752
16	840	885	830	465	935	786	752	895	736	678	727	744
17	858	831	840	304	925	752	778	915	770	686	770	778
18	867	840	850	310	996	786	915	915	778	678	761	778
19	876	786	880	486	1030	831	996	849	822	694	744	744
20	885	700	900	752	831	718	885	915	804	710	744	718
21	1080	720	700	640	804	686	915	985	840	736	770	678
22	985	900	300	550	849	804	727	1010	804	752	804	678
23	915	1100	211	730	822	727	670	996	744	752	795	710
24	905	1020	460	690	858	786	686	935	718	718	786	744
25	905	795	600	650	945	849	770	895	718	694	778	795
26	795	727	900	660	831	895	849	876	744	686	786	822
27	795	702	890	700	915	849	804	885	744	710	778	876
28	895	744	870	750	804	858	849	876	778	710	744	915
29	975	885	860	760	....	831	895	858	996	718	744	915
30	965	955	830	770	....	778	795	885	867	761	770	822
31	945		820	860		804		905		727	770	
Mean	813	869	783	685	1026	757	840	877	792	690	757	787
Max.	1080	1100	996	930	1380	935	996	1010	996	761	895	915
Min.	646	700	211	304	804	250	670	752	630	592	662	678
A.F.	50010	51730	48150	42100	56980	46570	49990	53950	47110	42400	46580	46860

Total acre-feet 582430

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR SARGENT
Sec. 9-19-18 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	719	900	874	760	1020	829	820	838	838	759	672	711
2	688	910	811	740	1000	500	793	903	932	680	650	719
3	658	890	810	790	1110	230	856	884	775	672	642	703
4	672	856	740	820	1230	300	912	932	719	658	635	695
5	703	894	700	800	1400	640	847	865	759	635	628	703
6	743	912	740	770	1600	940	884	874	820	628	703	719
7	775	932	800	750	1400	1020	941	912	856	599	884	719
8	688	847	860	740	1170	847	922	903	856	620	865	811
9	695	865	810	730	1180	793	990	856	820	620	793	820
10	751	847	750	730	1190	829	960	865	820	606	751	759
11	820	884	810	480	1020	912	1030	903	829	628	727	727
12	735	865	770	550	930	960	1080	950	793	642	735	743
13	775	820	800	670	1010	980	1070	894	811	658	759	735
14	775	767	793	700	1080	941	1120	950	829	658	767	735
15	802	838	775	700	1010	1100	1080	1040	829	672	767	751
16	820	793	760	690	1020	1080	980	1010	820	680	775	759
17	719	856	770	380	1040	1050	912	1000	847	688	784	711
18	784	847	810	480	1050	932	970	941	829	688	847	719
19	743	829	850	640	1030	980	1100	922	903	672	838	719
20	743	922	870	680	970	941	1100	903	874	665	811	743
21	1080	780	750	720	930	884	1150	894	894	688	793	719
22	980	900	340	780	880	856	1000	874	847	711	811	711
23	910	1100	300	700	920	838	980	932	767	719	829	703
24	890	1050	370	620	850	865	960	874	743	688	767	719
25	870	990	560	630	894	903	970	829	735	650	743	743
26	880	850	960	850	912	932	980	903	735	642	735	711
27	900	760	950	870	903	850	903	912	743	628	727	735
28	940	750	900	900	894	850	960	884	743	599	735	759
29	960	870	850	840	....	860	960	856	894	564	759	759
30	960	932	850	830	....	810	922	865	838	628	751	767
31	970		800	910		830		960	....	628	719	....
Mean	811	875	759	718	1059	848	972	907	817	654	755	734
Max.	1080	1100	960	910	1600	1100	1150	1040	932	759	884	820
Min.	658	750	300	380	850	230	793	829	719	564	628	695
A.F.	49880	52080	46680	44130	58800	52130	57820	55790	48590	40210	46420	43690

Total acre-feet 596220

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR ARCADIA
Sec. 26-17-16 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	730	947	873	746	946	995	901	1290	873	602	534	638
2	714	882	947	746	910	700	838	1290	938	547	567	617
3	699	928	970	692	1030	200	812	1090	985	495	446	581
4	730	985	600	647	1180	200	804	1020	856	495	412	588
5	738	985	700	640	1300	700	746	995	771	489	384	595
6	730	873	763	862	1780	1150	691	910	738	483	691	631
7	771	910	793	831	1520	1200	646	956	779	477	1150	624
8	730	910	831	885	1230	966	722	910	714	470	901	722
9	714	873	756	817	1210	812	891	838	684	440	771	787
10	722	873	721	653	1270	760	873	804	617	374	691	691
11	722	847	815	573	1090	830	865	787	668	348	684	631
12	746	821	756	679	966	920	1040	865	714	333	722	631
13	746	804	735	679	1160	780	1170	891	746	305	730	610
14	746	738	801	742	1170	750	1060	966	795	287	779	602
15	738	795	793	697	1190	900	1110	1090	795	270	684	602
16	746	865	759	627	1410	1090	1020	1270	738	348	676	631
17	746	847	697	372	1160	930	812	1120	812	328	668	646
18	730	779	732	530	1120	860	771	975	746	305	795	684
19	699	779	829	699	1290	900	910	891	763	301	730	684
20	661	938	855	571	1290	995	1160	779	763	301	730	684
21	1050	740	827	713	1250	966	1260	763	804	315	738	706
22	1030	975	580	843	1170	804	1000	812	763	395	821	624
23	910	1220	357	718	1110	847	956	901	668	452	910	610
24	930	1190	335	580	966	891	1020	838	588	412	746	638
25	840	1060	501	609	1020	1040	1080	706	554	384	706	699
26	900	910	933	685	1120	1000	1080	738	541	353	684	668
27	940	891	942	762	1020	891	1020	856	547	369	676	699
28	960	722	879	787	956	838	1080	891	554	369	668	676
29	950	847	824	757	.....	901	1130	873	706	333	668	699
30	950	901	885	747	.....	873	1310	830	684	343	668	763
31	980	.....	781	797	.....	804	.....	856	.....	440	661	.....
Mean	806	894	760	700	1173	855	959	929	730	392	700	655
Max.	1050	1220	970	885	1780	1200	1310	1290	985	602	1150	787
Min.	661	722	335	372	910	200	646	706	541	270	384	581
A.F.	49580	53230	46750	43010	65130	52550	57080	57130	43450	24120	43020	39000

Total acre-feet 574050

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR LOUP CITY
Sec. 14-15-15 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	594	928	844	942	1390	998	1060	900	816	643	534	708
2	594	928	844	914	1330	582	1060	1130	914	618	643	669
3	606	900	844	886	1390	300	1070	1100	802	558	534	682
4	630	914	830	970	1530	255	1100	1060	630	488	488	721
5	606	886	760	1030	1700	942	1130	956	606	488	477	708
6	606	886	998	900	1880	900	1130	942	695	433	802	721
7	630	886	1210	734	1790	886	1120	760	760	444	928	643
8	643	872	1070	760	2070	774	1080	774	695	411	802	643
9	618	900	1060	760	1880	900	1080	886	721	390	802	734
10	643	970	900	774	1770	858	1060	984	669	411	734	682
11	682	886	1100	774	1530	788	950	1010	669	340	721	695
12	708	886	1190	802	1280	788	860	998	669	360	708	669
13	721	872	900	830	1360	844	850	984	618	255	682	669
14	747	816	872	872	1360	788	858	970	734	202	747	643
15	747	802	682	760	1390	1040	914	998	747	228	788	643
16	760	844	788	558	1400	1210	900	1030	630	310	760	695
17	802	872	760	422	1260	1300	830	942	760	291	734	669
18	760	900	774	330	1200	1260	858	872	618	310	816	682
19	760	872	886	411	1310	1340	956	886	606	264	802	721
20	760	774	1040	534	1300	1390	1040	900	695	300	788	734
21	886	721	984	708	1300	1340	1100	844	721	310	844	747
22	1130	747	928	774	1210	1330	1100	830	774	422	928	708
23	998	1220	558	747	1120	1290	956	886	643	510	998	656
24	942	1260	282	534	1040	1290	914	747	570	477	760	669
25	984	900	488	582	872	1290	914	630	510	455	721	695
26	858	747	1060	830	998	1220	998	682	510	411	708	618
27	747	734	1130	998	1040	1100	1060	872	488	444	708	606
28	816	774	1160	1100	1100	1160	844	816	534	455	695	618
29	872	816	1130	1070	.....	1130	914	774	582	400	656	682
30	886	830	1070	1080	.....	1080	1030	695	721	380	669	734
31	900	.....	984	1160	.....	970	.....	788	.....	390	695	.....
Mean	762	878	907	792	1386	1011	991	892	670	400	731	682
Max.	1130	1260	1210	1160	2070	1390	1130	1130	914	643	998	747
Min.	594	721	282	330	872	255	830	630	488	202	477	606
A.F.	46880	52250	55790	48690	76960	62170	58980	54840	39880	24590	44970	40590

Total acre-feet 606590

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR BOELUS
Sec. 29-13-12 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	501	370	430	890	770	424	806	656	395	130	6	400
2	90	221	390	840	870	500	628	878	424	263	6	118
3	61	351	850	880	1010	250	258	970	648	86	31	101
4	68	390	780	790	1080	230	308	792	553	57	6	86
5	98	788	730	740	1170	300	320	630	162	57	15	75
6	90	641	820	750	1250	800	302	480	105	57	433	71
7	94	774	848	720	1290	800	390	659	122	57	522	109
8	358	673	1350	724	1420	500	708	404	247	44	459	105
9	98	481	1080	690	1470	404	314	410	247	185	327	327
10	90	800	993	580	1430	390	297	383	498	34	221	696
11	86	850	993	620	1470	404	280	410	140	22	157	280
12	94	620	1100	650	1300	502	290	424	79	15	166	181
13	98	291	1070	680	1140	900	300	443	94	15	230	98
14	101	291	982	720	1210	900	360	242	209	15	148	109
15	325	308	940	580	1400	1000	850	300	430	15	152	122
16	126	302	792	460	1070	858	750	468	339	20	148	190
17	221	308	772	370	878	580	390	308	2740	232	166	497
18	236	351	810	300	801	509	263	397	837	40	200	221
19	252	459	850	321	622	605	252	433	345	18	226	166
20	297	839	880	270	909	473	358	302	314	6	552	126
21	328	820	909	330	700	469	517	221	302	4	286	135
22	588	929	800	365	550	345	724	205	339	6	286	157
23	659	792	580	285	502	397	487	301	309	25	338	122
24	258	691	340	105	502	314	444	302	319	25	320	514
25	274	622	500	180	502	430	247	226	64	25	460	247
26	327	459	750	315	630	435	186	295	54	18	176	181
27	320	345	900	350	541	370	370	181	68	12	152	94
28	333	345	1050	465	480	448	345	210	71	177	143	143
29	760	351	930	460	.....	899	410	269	75	5	139	216
30	370	339	820	455	.....	830	730	190	167	169	130	351
31	358	.....	820	645	.....	800	.....	205	.....	3	130	.....
Mean	257	527	834	533	963	551	429	406	357	59	217	208
Max.	760	929	1350	890	1470	1000	850	970	2740	263	552	696
Min.	61	221	340	105	480	230	186	181	54	3	6	71
A.F.	15790	31340	51290	32790	53490	33850	25560	24980	21220	3640	13350	12370

Total acre-feet 319670

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR ST. PAUL
Sec. 10-14-10 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	680	969	1020	1070	1210	1130	1320	1510	810	995	582	722
2	630	982	1030	1030	1260	640	1090	2330	1190	846	630	690
3	620	1010	1070	1100	1420	290	906	1970	1260	755	650	700
4	690	995	1190	1340	1770	180	882	1600	1130	744	591	690
5	766	810	805	1440	1870	200	1090	1370	882	660	486	680
6	788	822	900	1370	1920	1200	1120	1090	822	660	1250	670
7	799	918	896	1280	1950	1900	1070	1090	755	630	1900	700
8	822	1130	1200	1240	2070	1600	1010	1030	799	630	1400	711
9	799	1010	1160	980	2510	1610	788	1100	930	620	1130	755
10	766	894	1210	697	2380	1220	766	1190	834	510	1090	918
11	788	982	1100	455	2130	1220	799	1070	660	462	969	777
12	766	822	1180	374	1840	1140	846	766	722	423	930	711
13	799	799	1140	809	1720	1100	834	799	777	388	930	670
14	822	822	1060	1000	1840	1100	969	930	931	324	870	670
15	858	1070	1180	874	1840	1000	1320	1060	2270	282	906	650
16	822	1130	1080	612	1240	1580	1680	1540	1380	276	906	733
17	906	1050	1090	484	1480	1460	1290	1240	12400	276	906	766
18	870	1050	1060	456	1050	1280	1120	1160	5460	336	870	660
19	846	1240	1010	452	982	1260	930	1130	1600	324	1230	711
20	846	1540	1030	329	1120	1320	930	1090	1500	276	969	711
21	846	1230	1200	252	1120	1320	1750	982	1450	294	846	722
22	956	788	676	256	1050	1200	1660	982	1130	367	858	733
23	1190	1230	214	346	1140	1260	822	1120	1030	494	894	700
24	894	1700	374	397	1340	1230	766	1170	870	650	1050	620
25	918	1490	536	506	1240	1280	744	982	700	591	969	582
26	1060	1220	419	532	1240	1370	788	943	650	470	834	660
27	1010	1140	562	574	1400	1290	1120	918	620	381	777	680
28	1020	1060	1050	650	1340	1120	1120	943	564	360	755	670
29	1020	982	1200	813	.....	995	995	870	640	454	744	680
30	956	1090	1190	946	.....	1070	1450	777	690	336	722	722
31	1030	.....	1110	1080	.....	1380	.....	680	.....	348	711	.....
Mean	858	1066	966	766	1553	1160	1066	1143	1515	489	915	702
Max.	1190	1700	1210	1440	2510	1900	1750	2330	12400	995	1900	918
Min.	620	788	214	252	982	180	744	680	564	276	486	582
A.F.	52730	63420	59390	47100	86230	71300	63420	70280	90160	30070	56240	41780

Total acre-feet 732120

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR TAYLOR
Sec. 22-21-18 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	288	488	545	599	574	416	528	795	426	426	234	337
2	296	510	505	605	611	373	568	716	545	368	231	346
3	304	510	472	586	662	170	528	751	574	342	224	325
4	333	499	346	593	650	396	494	773	494	329	224	312
5	342	488	373	599	656	574	599	766	406	312	212	396
6	342	483	421	574	696	682	630	682	401	288	316	342
7	337	431	528	545	744	737	611	730	421	288	505	364
8	337	431	522	528	643	605	574	696	636	273	457	378
9	342	522	505	373	605	516	580	656	488	238	391	391
10	346	499	516	329	528	636	593	556	401	212	316	368
11	350	478	528	255	431	643	605	599	416	205	304	346
12	346	528	528	290	472	605	593	630	382	193	312	346
13	346	510	533	355	488	528	599	599	396	188	321	333
14	346	516	499	373	528	411	617	568	387	176	337	325
15	346	516	478	382	510	446	630	545	416	176	304	325
16	359	510	451	359	533	605	580	510	431	185	308	325
17	368	505	478	320	539	751	539	483	446	185	416	329
18	382	499	467	220	522	788	539	478	462	190	364	333
19	387	462	510	330	545	809	568	472	636	193	342	316
20	387	401	586	350	462	758	617	467	483	199	364	321
21	483	441	195	373	451	730	624	462	545	205	350	300
22	586	391	255	421	441	662	528	462	510	208	391	292
23	528	426	472	462	528	617	494	457	401	221	446	288
24	446	650	650	441	510	710	505	436	368	208	451	300
25	462	586	599	430	516	617	522	426	355	202	426	304
26	478	516	568	423	505	624	516	421	359	193	364	296
27	467	510	562	432	533	656	505	462	350	188	346	296
28	457	516	568	468	499	656	483	441	494	193	346	312
29	467	499	575	492	.....	636	556	431	574	188	355	316
30	488	533	580	504	.....	605	917	436	446	281	359	316
31	505		580	537		586		499		238	350	
Mean	395	495	497	437	549	598	575	561	455	235	344	329
Max.	586	650	650	605	744	809	917	795	636	426	505	396
Min.	288	391	195	220	431	170	483	421	350	176	212	288
A.F.	24300	29460	30540	26870	30510	36790	34200	34520	27070	14460	21160	19590

Total acre-feet 329470

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR BURWELL
Sec. 15-21-16 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	350	564	626	700	620	564	617	698	458	564	232	350
2	334	564	653	730	640	560	635	626	555	493	238	334
3	350	564	671	720	610	170	573	653	617	432	218	326
4	373	599	626	720	640	250	546	680	590	407	238	303
5	390	626	420	660	730	410	599	689	502	357	218	350
6	399	635	380	650	890	510	626	762	432	303	296	407
7	399	671	560	660	760	610	626	725	424	296	528	357
8	407	644	740	630	720	716	590	680	617	274	564	330
9	399	662	690	500	760	653	564	662	582	232	484	390
10	390	689	590	300	844	682	582	635	458	201	390	360
11	390	716	560	260	707	689	590	599	407	197	350	370
12	390	644	500	270	599	725	590	582	399	174	365	370
13	382	653	630	350	502	570	573	537	399	160	350	365
14	382	626	580	420	546	460	573	493	365	150	390	350
15	382	617	560	450	617	484	644	493	382	147	342	390
16	399	582	500	400	590	555	564	493	424	150	303	382
17	399	590	620	250	599	725	546	483	458	153	373	390
18	415	635	640	230	590	816	519	502	458	150	467	390
19	407	590	680	240	626	816	564	528	662	150	350	399
20	399	600	700	350	511	826	608	519	519	150	365	390
21	449	600	600	360	493	771	662	484	546	157	334	365
22	546	570	160	420	555	771	590	467	590	185	365	334
23	573	620	190	480	537	734	493	475	407	209	441	311
24	484	690	230	570	546	752	458	424	326	205	467	334
25	493	835	550	540	599	734	458	424	303	189	449	357
26	519	752	660	550	546	653	493	407	303	174	390	342
27	511	626	730	550	582	671	484	449	303	167	382	334
28	511	635	740	580	573	653	484	441	365	182	365	373
29	502	608	740	590	.....	555	617	441	919	182	373	373
30	502	564	700	600	.....	617	716	415	617	209	382	390
31	528		720	600		653		519		274	373	
Mean	431	632	579	495	626	624	573	548	480	235	367	361
Max.	573	835	740	730	890	826	716	762	919	564	564	407
Min.	334	564	160	230	493	170	458	407	303	147	218	303
A.F.	26490	37630	35600	30410	34770	38350	34080	33690	28540	14430	22580	21450

Total acre-feet 358020

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR ORD
Sec. 22-19-14 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	652	890	1000	845	845	1130	1100	1560	880	741	475	660
2	644	920	970	845	895	950	1130	1600	950	723	468	652
3	620	930	1030	806	926	450	1050	1490	990	660	461	652
4	636	1000	1080	851	936	600	1000	1470	1020	644	440	652
5	660	1100	1030	794	966	860	1000	1520	870	620	422	628
6	678	1100	720	781	1000	950	990	1600	810	580	510	741
7	687	1130	660	819	1200	1050	960	1540	790	524	790	628
8	687	1120	1000	717	1000	1130	940	1410	780	524	970	644
9	696	1100	1220	576	1100	1070	890	1320	1020	489	760	723
10	696	1150	1160	449	1200	1050	870	1260	840	428	687	696
11	705	1200	1100	370	1090	1060	890	1120	741	410	628	678
12	696	1100	1040	487	1000	1070	890	1120	732	422	636	678
13	696	1100	980	442	1030	960	870	1040	714	410	612	660
14	687	1060	940	491	1130	880	890	950	820	392	620	620
15	696	1050	960	490	1130	860	960	900	780	332	596	636
16	723	980	890	440	1120	1010	890	860	790	326	573	660
17	732	1010	900	344	1120	1170	820	800	800	309	559	652
18	741	1100	960	288	1120	1310	800	850	810	292	696	628
19	760	1000	1030	421	1120	1420	870	850	920	298	612	628
20	760	940	1080	421	1020	1370	960	850	1020	314	573	636
21	810	910	900	470	1070	1380	1070	830	950	326	612	620
22	950	910	600	503	1090	1340	1010	820	980	392	830	596
23	1000	940	400	640	1120	1240	940	840	870	434	1010	580
24	880	980	700	826	1080	1220	890	760	800	428	800	573
25	810	1030	900	793	1080	1210	900	741	732	416	770	604
26	850	1180	980	773	1080	1170	930	741	696	386	644	596
27	870	1100	1020	754	1130	1180	950	790	660	368	714	588
28	860	1070	1040	790	1120	1150	970	780	644	386	732	628
29	830	1060	877	809	.....	1160	1020	732	1410	392	770	612
30	840	1040	774	819	.....	1180	1370	714	741	398	770	612
31	870	.....	825	819	.....	1100	.....	820	.....	468	678	.....
Mean	756	1040	928	635	1061	1086	961	1054	852	446	655	639
Max.	1000	1200	1220	851	1200	1420	1370	1600	1410	741	1010	741
Min.	620	890	400	288	845	450	800	714	644	292	422	573
A.F.	46460	61880	57060	39020	58940	66800	57160	64820	50700	27440	40300	38010

Total acre-feet 608590

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR SCOTIA
Sec. 8-17-12 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	600	984	1020	1070	1250	996	1220	1360	936	740	444	663
2	609	984	1060	1040	1280	956	1220	1470	984	700	379	636
3	618	996	950	1030	1400	608	1180	1240	1080	645	349	609
4	609	996	700	1050	1330	357	1180	1250	1060	584	331	636
5	654	972	600	1060	1360	600	1120	1240	972	560	349	600
6	672	972	650	1070	1480	1580	1100	1270	812	528	424	672
7	690	936	900	1060	1460	1640	1070	1280	801	457	710	780
8	710	924	1150	1040	1550	972	984	1190	790	450	889	690
9	710	984	1100	960	1470	972	960	1110	960	379	812	812
10	710	1030	1070	850	1440	948	836	1120	948	349	730	760
11	690	1030	1150	750	1180	1020	936	1010	867	331	636	760
12	681	1030	1160	450	1130	1070	867	984	780	320	609	740
13	710	1050	1150	460	1370	1030	823	996	740	271	609	750
14	720	1030	1180	480	1380	867	845	972	801	257	609	740
15	730	1050	1130	510	1390	801	960	936	801	249	636	740
16	770	1050	992	520	1010	878	900	889	812	249	609	780
17	780	1050	912	510	948	1020	801	900	867	249	600	760
18	750	1020	972	500	960	1180	770	900	856	249	700	770
19	730	1050	992	450	1070	1310	780	878	812	231	750	770
20	750	1050	1130	390	1100	1400	912	812	1110	227	627	750
21	770	1030	1250	450	972	1370	1080	801	972	231	618	690
22	867	960	530	470	1010	1360	1010	780	960	266	681	681
23	984	972	350	510	1030	1220	924	823	972	361	1210	663
24	1010	1080	440	570	948	1210	856	812	801	343	878	654
25	936	1190	700	730	972	1300	812	790	740	337	790	681
26	924	1080	800	790	960	1210	834	801	690	310	740	700
27	948	1020	880	850	1060	1210	856	845	636	305	609	690
28	948	1020	1020	910	1030	1240	856	823	609	315	645	740
29	912	984	1010	970	.....	1240	900	770	1190	300	645	720
30	924	1020	1000	1100	.....	1210	1220	770	1050	300	681	681
31	960	.....	1030	1200	.....	1240	.....	790	.....	325	663	.....
Mean	777	1018	935	768	1198	1097	962	987	880	368	644	711
Max.	1010	1190	1250	1200	1550	1640	1220	1470	1190	740	1210	812
Min.	600	924	350	390	948	357	770	770	609	227	331	600
A.F.	47750	60580	57480	47210	66530	67470	57250	60720	52380	22650	39590	42280

Total acre-feet 621890

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR COTESFIELD
Sec. 7-16-11 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	600	940	1000	1120	1240	1030	1220	1530	940	840	440	620
2	610	950	990	1140	1330	900	1210	1700	1000	750	390	610
3	620	950	1000	1150	1440	560	1180	1700	1080	680	355	570
4	620	960	760	1130	1450	350	1150	1420	1040	610	365	580
5	650	960	580	1140	1440	580	1040	1360	940	570	380	530
6	690	970	660	1150	1550	1250	1070	1320	810	550	500	580
7	710	980	840	1140	1580	1300	1050	1350	800	480	640	720
8	725	960	1200	1100	1640	1260	1000	1280	770	450	860	700
9	720	970	1120	1050	1580	1100	970	1160	830	400	840	740
10	715	1060	1060	920	1500	1060	950	1210	940	360	750	710
11	700	1040	1140	790	1300	1100	880	1060	840	340	680	680
12	695	1020	1190	620	1250	1130	860	980	740	315	620	660
13	710	1010	1200	470	1260	980	850	990	700	285	610	640
14	715	1010	1220	500	1280	800	900	960	770	260	600	640
15	720	1030	1120	520	1300	760	1000	960	790	240	600	690
16	740	1020	980	530	1090	860	970	910	770	235	590	730
17	750	1010	920	520	980	980	900	890	950	230	610	720
18	745	980	990	480	1000	1150	830	890	850	225	680	700
19	740	1030	1040	460	1100	1250	840	930	820	220	770	710
20	745	1050	1130	410	1130	1300	990	840	1000	215	640	670
21	770	1000	1250	430	1040	1320	1150	800	1000	220	640	650
22	860	940	580	470	1050	1300	1120	800	1020	240	820	650
23	960	1020	320	520	1100	1220	1000	830	1030	280	1300	640
24	1040	1050	390	580	1050	1200	910	810	830	320	900	640
25	950	1100	640	700	1050	1300	850	780	770	310	800	650
26	930	1080	780	780	1080	1240	820	790	700	290	700	660
27	940	1050	900	830	1120	1250	890	810	650	305	620	660
28	930	1060	1040	900	1070	1300	900	800	620	300	640	720
29	920	1050	1030	980	.....	1320	960	770	900	290	660	700
30	920	1030	1030	1090	.....	1270	1350	770	1300	280	680	660
31	920	.....	1060	1150	.....	1250	.....	800	.....	300	650	.....
Mean	776	1009	941	799	1250	1086	994	1039	873	367	656	661
Max.	1040	1100	1250	1150	1640	1320	1350	1700	1300	840	1300	740
Min.	600	940	320	410	980	350	820	770	620	215	355	530
A.F.	47720	60060	57840	49130	69420	66780	59130	63870	51970	22590	40320	39330

Total acre-feet 628160

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR ST. PAUL
Sec. 22-15-10 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	607	918	955	1180	1200	1070	1230	1780	848	882	434	598
2	588	918	930	1270	1330	1030	1200	1810	1020	780	406	588
3	607	905	1070	1320	1490	500	1200	1620	1090	727	233	544
4	607	930	500	1230	1650	350	1100	1550	1070	627	286	535
5	646	955	550	1270	1520	560	980	1430	980	588	415	492
6	706	968	650	1270	1640	1200	1030	1370	802	562	550	452
7	748	1060	950	1250	1720	1300	1040	1420	780	509	588	607
8	748	992	1200	1200	1780	1250	1000	1320	748	428	848	627
9	738	942	1150	1100	1750	1170	968	1230	727	400	882	685
10	727	1060	1060	980	1600	1170	955	1110	942	352	780	666
11	716	1070	1150	830	1390	1170	870	1030	790	340	738	627
12	706	1020	1220	660	1350	1200	882	968	716	315	656	562
13	706	955	1250	480	1350	950	870	992	675	280	607	553
14	706	1000	1280	510	1400	730	870	930	706	264	588	588
15	685	1020	1140	530	1400	700	1070	992	790	238	570	636
16	716	1000	1030	540	1380	790	1070	942	738	219	570	706
17	738	980	940	540	1000	882	992	882	1160	219	605	675
18	738	955	1000	530	1030	1130	918	870	859	209	700	656
19	748	1030	1040	500	1140	1220	894	870	836	195	800	666
20	758	1060	1150	430	1170	1200	1000	836	955	195	660	646
21	738	1000	1300	399	1060	1280	1280	813	1030	195	650	627
22	836	955	634	483	1070	1260	1240	802	992	204	740	627
23	930	1030	271	518	1200	1220	1110	848	1030	259	1500	617
24	1070	1030	332	636	1140	1180	1000	824	882	322	970	607
25	980	1070	543	736	1110	1340	930	790	859	309	800	607
26	942	1090	792	772	1160	1240	905	780	727	270	666	627
27	942	1060	918	822	1170	1280	942	780	646	275	588	627
28	930	1070	1090	897	1140	1340	918	802	607	309	641	666
29	930	1090	1060	1020	.....	1400	968	780	607	270	675	666
30	918	1030	1030	1070	.....	1320	1460	769	1570	254	696	598
31	894	.....	1060	1110	.....	1260	.....	780	.....	275	636	.....
Mean	776	1005	943	841	1334	1087	1030	1055	873	364	661	613
Max.	1070	1090	1300	1320	1780	1400	1460	1810	1570	882	1500	706
Min.	588	905	271	399	1000	350	870	769	607	195	233	452
A.F.	47700	59830	58010	51730	74060	66830	61270	64900	51930	22360	40620	36450

Total acre-feet 635690

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, NEAR RAVENNA
Sec. 17-12-14 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	79	137	160	232	179	209	172	179	142	107	60	90
2	79	137	170	224	181	160	174	297	160	100	68	86
3	79	147	176	216	194	110	176	219	153	97	70	80
4	80	156	158	201	216	116	172	197	145	98	56	79
5	84	151	147	192	252	122	168	204	151	97	52	77
6	88	155	166	190	300	150	164	189	142	94	98	75
7	93	160	187	188	375	184	162	172	132	86	145	77
8	93	180	192	179	470	174	166	172	132	86	138	87
9	97	172	188	176	498	166	158	183	128	83	156	97
10	97	166	187	166	470	166	149	183	126	78	133	97
11	97	181	185	162	243	183	153	181	126	71	121	91
12	97	179	176	155	249	183	162	179	122	70	118	95
13	97	183	166	155	240	200	166	179	122	68	115	87
14	98	168	183	147	201	194	179	174	124	60	112	84
15	100	174	206	147	201	192	179	185	270	56	107	83
16	105	172	209	130	206	183	179	192	234	56	121	90
17	112	172	211	122	204	187	170	192	4350	54	128	88
18	118	174	209	120	211	183	179	180	652	49	201	88
19	121	170	206	113	214	183	179	162	300	48	172	87
20	118	174	199	101	235	189	181	172	192	46	133	87
21	122	195	196	120	229	185	187	174	172	46	116	84
22	121	185	187	130	221	181	179	172	164	53	114	83
23	130	189	183	147	224	187	172	224	126	66	114	82
24	133	170	181	138	219	201	172	160	128	64	120	82
25	132	174	181	147	224	211	176	147	122	69	115	80
26	130	156	187	149	209	209	164	142	121	65	102	82
27	128	158	192	151	227	187	166	149	111	65	95	82
28	135	151	211	156	199	187	170	156	109	61	91	83
29	132	166	224	166	.....	194	170	147	104	60	94	84
30	135	160	237	170	.....	209	172	144	105	56	97	84
31	133	.....	232	172	.....	189	.....	142	.....	51	90	.....
Mean	108	167	190	160	253	180	171	179	306	70	111	85
Max.	135	195	237	232	498	211	187	297	4350	107	201	97
Min.	79	137	147	101	179	110	149	142	104	46	52	75
A.F.	6670	9940	11690	9840	14060	11060	10150	11000	18180	4280	6850	5060

Total acre-feet 118780

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, NEAR ST. MICHAEL
Sec. 12-11-13 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	90	158	211	284	160	251	223	237	215	138	62	98
2	88	152	209	296	178	226	215	369	223	134	70	93
3	88	147	218	309	240	102	215	270	229	130	63	90
4	92	166	180	296	270	119	215	248	237	122	54	79
5	92	166	166	260	340	126	202	245	234	122	45	81
6	102	170	180	328	420	169	205	251	200	119	99	78
7	105	175	212	238	565	200	192	254	175	107	336	79
8	109	199	235	214	590	187	192	248	170	107	153	89
9	113	192	240	211	520	197	180	234	168	102	130	115
10	105	185	235	199	432	197	185	231	165	91	160	104
11	105	175	220	203	320	197	178	229	160	83	124	111
12	109	185	215	156	296	200	178	220	160	83	126	115
13	111	185	210	146	292	207	180	218	170	83	119	107
14	111	180	230	143	260	213	180	210	200	62	115	102
15	109	178	240	152	254	207	190	218	702	60	109	104
16	119	180	250	144	254	207	190	245	482	58	111	111
17	126	175	245	143	263	215	207	273	4670	54	143	107
18	130	178	234	138	263	215	200	231	1700	50	138	111
19	130	199	230	114	266	226	195	229	653	44	218	109
20	130	199	222	103	266	245	202	257	414	34	160	104
21	138	209	217	124	260	237	245	229	349	35	130	102
22	147	190	215	150	266	234	213	218	313	45	126	95
23	152	206	205	146	270	234	205	369	251	66	113	98
24	152	214	200	141	245	248	205	240	231	66	106	97
25	154	206	200	149	254	257	202	223	200	70	155	97
26	156	199	209	144	263	245	192	220	178	70	126	95
27	161	199	236	150	260	229	195	223	175	58	117	98
28	163	199	249	152	263	223	200	220	158	51	109	98
29	161	199	255	156	.....	223	200	223	149	48	107	100
30	161	209	283	148	.....	231	226	210	147	45	107	104
31	161	.....	296	155	.....	229	.....	210	.....	45	102	.....
Mean	125	186	224	184	305	210	200	242	449	77	124	99
Max.	163	214	296	328	590	257	245	369	4670	138	336	115
Min.	88	147	166	103	160	102	178	210	147	34	45	78
A.F.	7680	11060	13780	11290	16920	12880	11910	14880	26730	4720	7600	5890

Total acre-feet 145340

DISCHARGE IN SECOND-FEET OF MAPLE CREEK NEAR NICKERSON
Sec. 11-18-8 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	3	7	6	4	22	11	13	9	3	2	2
2	2	3	6	5	2	16	13	16	10	4	2	2
3	2	3	12	4	3	17	13	95	15	3	2	2
4	2	3	10	6	4	16	10	58	19	3	2	2
5	2	3	12	6	4	16	9	33	23	2	1	2
6	2	2	14	7	2	16	9	24	14	2	2	1
7	2	3	12	7	2	16	9	21	9	2	7	1
8	2	2	12	6	6	15	9	18	7	2	1	1
9	2	3	8	4	12	19	9	16	5	2	2	1
10	3	4	8	1	13	20	8	14	3	2	2	2
11	3	4	6	2	11	15	7	13	6	2	1	2
12	2	4	7	3	16	13	6	13	7	2	1	2
13	2	4	6	4	23	15	7	12	7	2	1	2
14	3	4	6	3	18	13	7	11	4	2	2	2
15	3	6	6	4	15	10	7	11	5	2	1	2
16	3	7	6	5	9	7	7	10	4	2	1	4
17	6	4	5	6	9	6	7	10	4	2	3	2
18	4	4	5	2	11	15	9	9	3	2	15	2
19	2	9	4	3	18	18	11	10	3	2	60	1
20	2	14	4	3	24	16	9	10	3	2	32	1
21	4	8	2	3	8	16	224	10	9	2	33	1
22	3	9	4	3	12	14	138	10	47	2	15	2
23	4	13	4	5	15	11	38	9	57	2	10	2
24	3	9	5	5	14	12	18	8	22	1	5	2
25	4	8	6	4	16	12	16	7	12	2	4	2
26	4	8	6	3	18	11	14	9	4	2	3	2
27	3	11	5	2	16	21	11	12	3	2	3	2
28	3	6	3	2	20	18	11	10	4	3	2	2
29	3	6	4	1	....	9	11	9	3	2	2	2
30	4	6	6	2	....	11	13	9	3	2	2	2
31	3	....	6	1	....	12	....	9	....	2	2	....
Mean	3	6	7	4	12	14	22	17	11	2	7	2
Max.	6	14	14	7	24	22	224	95	57	4	60	4
Min.	2	2	2	1	2	6	6	7	3	1	1	1
A.F.	179	345	409	237	652	891	1330	1030	644	141	442	104

Total acre-feet 6400

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK NEAR MAYWOOD
Sec. 21-8-29 W.—Water Year Ending Sepetmber 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	23	27	26	35	28	28	26	20	13	13	14
2	16	23	27	27	35	25	27	37	27	12	14	13
3	16	23	25	27	35	20	24	39	24	12	14	13
4	17	27	27	26	35	28	24	34	21	12	13	13
5	17	31	30	27	35	27	25	30	20	12	12	14
6	18	32	28	27	35	23	24	28	19	12	12	15
7	19	33	27	28	34	25	23	28	17	11	13	17
8	19	33	26	29	33	25	23	26	16	11	15	16
9	18	33	25	28	34	26	23	26	15	11	18	16
10	18	33	27	26	33	27	23	26	15	11	20	15
11	19	33	26	24	31	27	23	26	15	11	18	14
12	19	32	26	23	28	28	23	27	14	10	17	14
13	19	34	28	22	29	27	24	26	15	10	16	14
14	20	34	27	23	31	29	23	24	23	10	20	14
15	20	32	28	20	31	28	24	46	80	9	33	15
16	20	30	27	15	30	31	24	185	67	9	24	16
17	21	29	27	18	30	31	23	154	25	10	20	16
18	20	28	27	20	30	30	23	61	23	10	46	15
19	20	28	26	18	31	29	24	39	21	10	96	14
20	20	28	28	17	32	28	28	30	19	11	104	14
21	34	27	28	17	31	27	38	26	18	11	36	14
22	39	28	25	23	31	27	32	24	16	11	22	14
23	30	30	27	20	31	27	28	22	15	12	18	14
24	27	35	27	23	29	28	26	22	14	13	17	14
25	30	35	27	15	31	28	25	21	13	13	16	14
26	28	31	26	15	31	27	24	22	12	13	15	14
27	25	30	26	25	31	25	23	24	12	13	14	15
28	24	28	26	28	29	25	23	23	12	14	14	17
29	24	28	26	30	....	24	22	21	12	14	14	17
30	23	27	25	35	....	25	23	20	13	13	14	16
31	23	....	25	38	....	27	....	20	....	13	14	....
Mean	22	30	27	24	32	27	25	38	21	12	24	15
Max.	39	35	30	38	35	31	38	185	80	14	104	17
Min.	15	23	25	15	28	20	22	20	12	9	12	13
A.F.	1340	1780	1640	1470	1770	1650	1480	2310	1260	708	1450	875

Total acre-feet 17730

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK ABOVE HARRY STRUNK LAKE—Sec. 12-6-27 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	29	50	58	69	103	61	59	58	47	33	23	29
2	29	51	58	61	119	58	59	64	74	30	22	27
3	31	53	50	60	106	55	57	69	63	31	23	25
4	31	63	40	60	81	51	55	69	53	31	22	24
5	34	61	45	61	75	55	54	65	49	29	20	25
6	35	66	55	61	72	59	53	64	47	27	21	28
7	37	66	55	60	70	59	53	63	43	27	25	27
8	39	64	73	60	67	57	52	63	43	27	30	29
9	39	65	60	60	67	59	52	63	41	26	58	36
10	38	65	60	57	69	60	54	60	39	28	49	31
11	37	64	65	55	66	61	54	61	38	27	37	28
12	37	64	70	51	65	64	54	61	37	24	34	27
13	38	64	64	48	63	63	54	61	39	23	42	26
14	40	63	63	47	64	61	55	59	69	23	45	27
15	41	63	63	45	66	63	57	74	149	21	38	30
16	43	61	60	45	65	63	54	571	145	22	55	31
17	44	60	61	55	65	64	57	286	88	23	312	31
18	46	58	61	65	65	65	54	195	61	23	81	30
19	45	57	61	65	65	63	54	103	52	22	91	28
20	46	58	60	56	64	60	55	77	49	23	116	28
21	61	54	61	54	64	60	58	67	46	21	116	27
22	63	55	50	51	64	59	72	60	42	23	70	27
23	63	60	45	47	61	59	65	55	38	27	54	27
24	59	59	55	44	63	60	64	53	35	25	46	27
25	55	60	73	42	61	63	59	51	34	27	42	29
26	55	60	66	45	63	60	57	51	34	25	38	30
27	54	58	62	47	63	59	55	53	33	27	35	31
28	51	55	55	74	61	58	54	53	33	27	33	31
29	50	58	56	82	....	57	53	50	40	25	32	33
30	50	57	54	80	....	58	54	50	34	23	31	35
31	50	....	64	87	....	58	....	49	....	21	30	....
Mean	44	60	59	58	71	60	56	90	53	26	54	29
Max.	63	66	73	87	119	65	72	571	149	33	312	36
Min.	29	50	40	42	61	51	52	49	33	21	20	24
A.F.	2720	3550	3620	3560	3920	3670	3350	5510	3160	1570	3310	1710

Total acre-feet 39650

HARRY STRUNK LAKE From Medicine Creek
Storage in Acre-feet—Sec. 24-5-26 W.
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25670	25670	29320	32320	34520	35010	34440	35660	37840	36570	25400	23700
2	25600	25810	29460	32470	34680	35010	34440	35745	37750	36490	25205	23500
3	25600	25880	29610	32630	34760	34930	34440	35830	37660	36240	24935	23320
4	25470	26010	29680	32700	34930	34930	34520	35910	37580	36160	24610	23120
5	25400	26150	29750	32780	35010	34850	34520	35990	37490	35990	24350	22875
6	25400	26280	29820	32860	35010	34850	34600	36075	37410	35830	24025	22750
7	25270	26490	29980	32860	35010	34850	34680	36160	37245	35660	23765	22560
8	25270	26630	30120	32940	35010	34850	34680	36240	37160	35500	23505	22440
9	25200	26760	30200	32940	35090	34850	34680	36240	37160	35250	23380	22310
10	25070	26900	30270	33090	35090	34850	34760	36240	37160	35010	23320	22250
11	25070	27040	30340	33330	35090	34850	34760	36320	37160	34850	23060	22130
12	25070	27180	30490	33330	34930	34850	34760	36400	37075	34600	22810	22070
13	25000	26320	30640	33330	35010	34850	34760	36400	36905	33960	22625	22005
14	25000	27460	30715	33410	35010	34760	34850	36490	36990	33720	22560	21880
15	25070	27530	30790	33490	35010	34680	35010	36570	36990	33090	22560	21880
16	25000	27670	30865	33570	35010	34680	34930	37660	37245	32630	22500	21940
17	25070	27810	30940	33570	35090	34680	35010	38610	37410	32240	22750	21940
18	25140	27950	31015	33645	35170	34680	35010	39140	37575	31780	23320	21880
19	25140	28020	31090	33720	35250	34680	35090	39230	37575	31160	23380	21880
20	25140	28160	31240	33800	35170	34680	35090	39140	37575	30720	23505	21820
21	25270	28240	31320	33880	35170	34600	35250	39140	37575	30200	23700	21820
22	25270	28310	31480	33960	35170	34600	35250	39050	37490	29610	23830	21700
23	25400	28380	31550	34040	35090	34600	35250	39050	37410	29100	23960	21640
24	25400	28450	31620	34170	35090	34600	35420	28780	37410	28520	24025	21640
25	25400	28660	31700	34200	35170	34600	35420	38610	37330	28020	24025	21520
26	25400	28810	31780	34200	35090	34520	35500	38520	37245	27530	24025	21520
27	25400	28880	31850	34280	35010	34520	35580	38440	37080	27040	24025	21520
28	25470	29020	31930	34360	35010	34520	35580	38440	36900	26630	23960	21520
29	25540	29100	32080	34360	.....	34440	35660	38260	36820	26311	23960	21520
30	25540	29170	32080	34360	.....	34440	35580	38100	36650	25940	23900	21520
31	25600	.....	32160	34440	.....	34440	.....	38100	.....	25670	23760	.....

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK BELOW HARRY STRUNK LAKE—Sec. 25-5-26 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	43	1	1	5	29	61	44	24	99	79	184	99
2	43	1	1	5	37	61	32	24	99	79	158	105
3	43	1	1	5	41	61	32	23	99	79	136	111
4	43	1	1	5	50	61	30	23	99	82	136	111
5	43	1	1	4	57	61	30	23	99	88	167	108
6	43	1	1	4	59	61	30	24	96	91	161	99
7	40	1	1	4	59	61	30	23	84	102	154	96
8	28	1	1	4	43	61	32	23	46	126	154	85
9	30	1	3	4	59	61	32	24	35	148	151	70
10	28	1	5	3	59	61	32	23	35	154	151	63
11	28	2	5	3	59	61	32	23	35	154	139	63
12	28	1	5	3	59	61	32	20	35	206	130	63
13	28	1	5	4	59	61	28	21	35	264	96	54
14	28	1	5	4	59	61	24	21	37	232	82	38
15	28	1	5	5	59	61	23	23	37	236	91	32
16	28	1	5	6	23	61	23	23	35	252	91	32
17	28	1	5	6	16	61	23	33	35	252	40	32
18	16	1	5	6	59	61	23	88	33	264	14	32
19	10	1	5	6	59	61	23	99	35	281	14	32
20	27	1	5	7	59	61	23	99	35	291	14	32
21	35	1	4	8	59	61	23	99	35	328	28	39
22	35	1	5	8	59	61	23	99	48	328	38	55
23	35	1	5	5	59	63	23	99	55	315	40	55
24	38	1	5	5	47	61	23	99	51	302	40	45
25	40	1	5	5	59	61	23	99	65	298	43	37
26	40	1	5	6	61	61	23	99	65	293	42	37
27	40	1	5	9	61	61	23	102	65	264	42	37
28	40	1	5	14	61	63	23	99	79	201	42	34
29	37	1	5	21	...	63	23	99	79	170	48	24
30	11	1	5	21	...	63	23	99	79	176	74	23
31	1		5	21	...	63	...	102	...	184	79	...
Mean	32	1	4	7	52	61	27	57	59	204	90	58
Max.	43	2	5	21	61	63	44	102	99	328	184	111
Min.	1	1	1	3	16	61	23	20	33	79	14	23
A.F.	1950	50	226	426	2920	3770	1600	3530	3500	12530	5510	3460

Total acre-feet 39470

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK NEAR CAMBRIDGE Sec. 19-4-25 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	42	2	1	4	21	65	62	28	99	83	171	87
2	42	2	2	5	36	66	38	27	98	82	151	91
3	42	2	2	5	42	69	36	26	97	83	135	98
4	43	4	2	5	57	67	35	26	97	82	127	98
5	43	4	3	5	67	69	34	26	97	85	156	98
6	43	3	2	4	62	69	34	26	97	85	156	89
7	43	4	2	4	63	66	33	27	90	92	149	88
8	31	4	2	4	51	65	33	26	61	107	150	75
9	30	3	2	3	60	64	33	27	38	129	150	68
10	29	3	4	2	63	63	32	27	37	137	147	60
11	28	2	4	3	63	63	34	26	37	136	140	60
12	28	3	4	3	64	63	34	24	36	158	138	60
13	28	2	5	3	64	63	33	24	36	265	110	58
14	28	2	4	3	64	64	26	24	36	226	91	42
15	28	2	6	3	64	61	31	26	36	232	92	33
16	28	2	4	3	49	61	28	36	36	252	91	33
17	28	2	4	4	5	61	27	28	36	253	61	31
18	26	2	4	4	52	62	26	80	36	255	18	30
19	18	2	5	4	59	63	27	105	36	271	18	30
20	26	2	5	3	59	64	26	105	36	270	18	30
21	35	2	4	3	60	64	27	105	36	300	22	31
22	36	2	2	5	60	65	27	102	43	308	33	51
23	38	2	6	7	60	66	26	101	58	300	39	52
24	38	2	6	4	52	66	24	100	54	285	39	48
25	40	2	4	4	63	65	22	100	63	285	39	36
26	41	2	4	4	64	65	23	99	66	282	39	34
27	40	1	4	5	64	66	22	99	66	264	37	34
28	40	1	4	6	64	66	22	99	79	215	39	33
29	40	1	4	9	...	67	24	98	82	162	39	24
30	23	1	4	11	...	66	24	99	83	163	63	22
31	5		4	16	...	66	...	98	...	168	67	...
Mean	33	2	4	5	55	65	30	60	60	194	88	54
Max.	43	4	6	16	67	69	62	105	99	308	171	98
Min.	5	1	1	2	5	61	22	24	36	82	18	22
A.F.	2040	132	220	292	3080	3990	1790	3660	3570	11930	5400	3220

Total acre-feet 39320

DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR MELBETA—Sec. 13-21-54 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	3	10	3	0	0
2	3	14	1	0	0
3	3	17	0	0	2
4	3	21	1	0	0
5	3	13	1	0	0
6	3	14	1	0	0
7	3	22	1	4	0
8	2	15	1	0	0
9	3	15	0	2	0
10	3	13	0	0	0
11	3	6	0	1	3
12	3	13	0	2	2
13	2	15	0	13	2
14	3	16	0	9	2
15	3	9	1	6	2
16	2	8	1	2	2
17	7	8	4	0	2
18	2	0	2	0	0
19	1	0	3	0	0
20	0	0	3	0	0
21	30	15	3	0	0
22	24	14	3	0	0
23	13	30	12	2	0
24	10	0	9	4	0
25	8	2	5	0	1
26	6	7	0	0	1
27	8	10	6	0	2
28	7	9	1	0	1
29	19	9	2	0	1
30	13	7	3	0	1
31	13	...	0	1	...
Mean	7	11	2	1	1
Max.	30	30	12	13	3
Min.	0	0	0	0	0
A.F.	410	660	130	90	50

DISCHARGE IN SECOND-FEET OF MINNECHADUZA CREEK NEAR VALENTINE—Sec. 23-34-29 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	27	27	31	33	34	38	66	51	32	30	17	20
2	16	39	34	38	36	16	55	50	39	24	18	21
3	13	22	35	31	24	26	48	52	41	23	19	18
4	17	32	27	33	35	36	61	48	39	21	17	17
5	22	31	40	34	56	22	60	53	32	22	18	23
6	19	26	21	32	36	36	53	61	26	20	15	24
7	22	33	21	30	42	43	44	40	51	17	21	22
8	21	34	36	36	41	39	46	51	64	19	20	25
9	21	40	28	22	49	37	35	45	54	19	21	43
10	22	31	37	16	41	44	40	37	50	10	16	27
11	25	33	39	28	39	36	39	36	44	18	26	33
12	26	37	31	29	27	29	31	30	44	13	23	22
13	21	31	36	29	46	21	35	34	39	13	23	24
14	26	36	32	37	39	21	35	24	39	12	23	25
15	31	34	41	21	38	19	34	28	44	15	19	26
16	26	40	41	25	46	30	32	35	42	11	14	22
17	26	26	9	25	39	54	31	33	46	13	22	28
18	25	31	33	25	41	78	22	30	44	14	21	22
19	30	34	43	20	34	81	35	28	37	13	21	22
20	23	39	36	21	36	98	34	34	48	25	23	23
21	50	18	36	24	30	111	32	30	39	22	37	23
22	49	23	35	18	40	135	26	36	41	28	46	19
23	37	42	35	17	41	118	36	23	37	16	46	24
24	41	23	35	24	43	111	28	21	34	19	44	16
25	34	38	35	22	40	103	28	35	30	17	42	23
26	36	34	35	22	38	77	30	19	35	18	43	20
27	39	31	35	13	39	69	30	35	33	21	32	26
28	38	31	35	30	40	87	21	25	33	10	29	21
29	37	34	34	22	....	70	52	35	30	16	33	30
30	31	34	28	22	....	73	42	23	25	17	29	27
31	30	....	32	29	....	60	....	36	....	20	26	....
Mean	28	32	33	26	39	59	39	36	40	18	26	24
Max.	50	42	43	38	56	135	66	61	64	30	46	43
Min.	13	18	9	13	24	16	21	19	25	10	14	16
A.F.	1750	1910	2040	1600	2160	3610	2300	2220	2360	1100	1590	1420

Total acre-feet 24060

DISCHARGE IN SECOND-FEET OF MITCHELL CREEK ABOVE HARRY STRUNK LAKE—Sec. 22-6-26 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	1	0	0	0	0	0	0	0
2	0	0	0	0	1	0	0	0	11	0	0	0
3	0	0	0	0	12	0	0	0	2	0	0	0
4	0	0	0	0	11	0	0	0	0	0	0	0
5	0	0	0	0	5	0	0	0	0	0	0	0
6	0	0	0	0	2	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	3	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	20	0	6	0
15	0	0	0	0	0	0	0	0	1	0	0	0
16	0	0	0	0	0	0	0	282	0	0	3	0
17	0	0	0	0	0	0	0	25	0	0	16	0
18	0	0	0	0	0	0	0	2	0	0	5	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	2	0
23	0	0	0	0	0	0	0	0	0	0	1	0
24	0	0	0	0	0	0	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	0	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	4	0	0	0
30	0	0	0	0		0	0	0	2	0	0	0
31	0		0	0		0		0		0	0	
Mean	0	0	0	0	1	0	0	10	1	0	1	0
Max.	0	0	0	0	12	0	0	282	20	0	16	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	64	0	0	614	77	0	75	0

Total acre-feet 831

DISCHARGE IN SECOND-FEET OF MUD CREEK NEAR SWEETWATER
Sec. 3-12-15 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	15	20	21	22	32	27	31	23	13	1	10
2	9	15	21	20	29	27	27	42	24	12	1	10
3	8	14	32	20	36	23	27	40	25	12	1	8
4	10	15	29	21	39	28	26	34	24	12	2	8
5	10	15	25	17	40	28	26	34	24	12	2	8
6	10	16	21	20	36	28	26	35	24	10	24	8
7	10	18	23	22	32	30	26	34	22	10	32	6
8	11	18	24	20	32	30	25	33	21	9	19	7
9	11	18	21	18	33	32	24	32	21	8	24	7
10	12	18	20	15	33	29	23	32	20	7	35	7
11	12	18	19	11	32	27	22	31	19	6	25	7
12	11	18	20	14	31	28	22	31	19	5	18	7
13	11	19	20	14	35	26	23	30	18	3	16	7
14	11	18	19	14	36	20	23	29	19	2	16	8
15	12	18	20	14	36	21	24	29	21	1	16	8
16	12	18	20	14	38	32	24	31	21	1	16	8
17	13	18	20	14	46	33	26	29	798	1	16	10
18	13	18	20	14	36	30	25	28	129	1	49	9
19	13	19	22	14	32	30	25	27	38	1	33	9
20	14	20	24	14	36	29	25	27	22	1	13	8
21	13	17	24	14	34	29	25	27	41	1	12	8
22	15	21	18	14	33	29	25	27	29	1	13	8
23	15	22	19	15	31	29	24	97	25	1	12	7
24	16	22	20	16	33	29	24	27	21	1	12	8
25	16	20	21	16	34	29	24	25	19	1	13	6
26	16	19	23	15	32	29	25	25	16	1	14	8
27	15	20	26	14	32	29	24	25	15	1	12	8
28	14	20	25	14	31	29	24	25	14	1	11	8
29	14	20	23	15		28	26	25	14	1	12	9
30	15	20	21	16		28	27	24	14	1	11	9
31	15		17	16		28		23		1	10	
Mean	12	18	22	16	34	28	25	32	51	4	16	8
Max.	16	22	32	22	46	33	27	97	798	13	49	10
Min.	8	14	17	11	22	20	22	23	14	1	1	6
A.F.	768	1080	1340	984	1880	1740	1480	1960	3050	266	972	473

Total acre-feet 15990

DISCHARGE IN SECOND-FEET OF MUDDY CREEK NEAR ARAPAHOE
Sec. 22-4-23 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	2	5	5	6	7	6	8	6	1	2	3
2	1	2	6	5	10	7	6	12	6	1	1	3
3	1	4	4	5	15	7	5	12	6	2	2	2
4	1	5	4	4	17	8	5	10	6	1	1	2
5	1	5	6	4	10	8	4	7	6	1	1	2
6	1	4	6	4	6	8	3	7	6	2	1	4
7	2	4	6	4	4	10	10	7	5	2	1	2
8	2	5	6	4	4	7	6	6	5	2	1	2
9	1	4	6	4	3	7	5	6	5	2	58	2
10	2	3	5	4	3	7	5	6	4	1	11	2
11	2	3	6	4	3	7	5	6	4	2	6	2
12	2	3	5	6	4	7	5	6	4	1	5	2
13	2	4	5	5	8	6	5	6	4	0	5	2
14	1	4	5	4	11	8	5	6	5	1	217	2
15	2	4	6	5	10	7	11	6	4	1	120	2
16	2	4	5	5	8	7	30	983	4	0	18	2
17	1	4	5	5	9	7	12	128	4	0	316	2
18	2	4	4	5	8	7	8	52	4	0	43	2
19	1	5	4	4	9	6	7	43	3	1	10	2
20	1	5	5	6	10	6	6	18	3	2	7	2
21	1	5	4	6	10	6	7	11	3	1	22	1
22	1	5	4	4	9	6	6	9	3	2	12	1
23	1	6	2	3	9	6	6	8	2	1	217	1
24	1	6	3	4	8	6	5	7	2	1	80	1
25	1	6	4	4	8	6	5	7	2	1	13	2
26	1	5	5	4	8	6	5	7	2	1	8	2
27	1	5	4	4	8	6	6	7	1	48	6	2
28	1	5	4	4	8	6	6	7	1	154	4	2
29	1	5	4	4	..	6	6	6	1	7	4	4
30	1	5	4	4	..	6	6	6	1	2	3	2
31	2	..	4	4	..	6	..	6	..	2	3	..
Mean	1	4	5	4	8	7	7	46	4	8	39	2
Max.	2	6	6	6	17	10	30	983	6	154	316	4
Min.	1	2	2	3	3	6	3	6	1	0	1	1
A.F.	83	261	295	266	446	415	406	2800	218	474	2380	118

Total acre-feet 8160

DISCHARGE IN SECOND-FEET OF MUDDY CREEK NEAR VERDON
Sec. 15-2-15 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	16	15	17	16	22	21	44	625	14	35	15
2	9	15	17	16	21	19	20	454	168	14	16	16
3	9	16	60	16	26	20	21	88	105	14	13	18
4	9	16	35	16	27	22	21	39	52	15	9	19
5	8	16	21	16	36	25	22	38	36	14	7	18
6	9	17	20	15	38	30	22	34	37	13	71	16
7	11	22	18	15	38	29	21	30	34	13	339	18
8	11	19	18	15	40	29	19	29	32	13	573	18
9	10	18	20	13	45	25	21	28	2670	12	42	30
10	11	18	21	10	55	25	37	27	113	19	30	21
11	12	17	23	10	44	22	37	26	56	16	30	19
12	12	18	24	9	43	20	30	25	47	14	40	16
13	12	28	21	9	41	17	24	24	39	13	29	17
14	12	18	19	8	41	14	24	24	37	13	24	17
15	12	16	13	8	39	12	21	19	139	13	23	16
16	13	16	6	8	37	14	20	55	138	12	19	16
17	13	16	7	8	35	13	22	24	6960	10	22	16
18	12	17	10	9	36	23	21	18	170	10	59	17
19	11	18	10	9	44	25	24	27	87	10	208	15
20	12	26	10	9	82	22	34	31	58	11	104	14
21	13	18	11	9	60	22	43	22	55	13	228	15
22	12	16	11	9	31	19	36	19	48	13	172	14
23	13	16	13	9	29	19	31	21	38	14	1940	14
24	14	17	14	9	24	24	29	22	31	12	348	14
25	14	16	16	9	22	22	27	24	25	12	73	14
26	14	15	19	9	23	20	22	25	22	11	32	12
27	14	15	20	10	22	21	24	22	20	10	18	14
28	14	15	19	9	22	19	26	98	18	9	15	14
29	15	16	18	9	....	22	28	40	16	9	14	15
30	15	15	18	10	....	19	32	30	15	8	11	13
31	16	..	17	11	..	19	..	582	..	7	12	..
Mean	12	17	18	11	36	21	26	64	396	12	147	16
Max.	16	28	60	17	82	30	43	582	6960	19	1940	30
Min.	8	15	6	8	16	12	19	18	15	7	7	12
A.F.	733	1040	1120	672	2020	1300	1550	3950	23590	753	9040	974

Total acre-feet 46740

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER, LITTLE, NEAR SYRACUSE—Sec. 27-8-11 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	2	6	3	3	9	7	19	167	4	4	11
2	1	3	6	3	6	9	7	308	90	5	9	11
3	1	3	10	3	8	7	6	68	175	5	3	11
4	1	2	14	3	10	8	8	21	32	5	2	9
5	1	2	9	4	11	10	6	11	7	4	3	7
6	1	3	6	4	9	13	6	8	4	4	3	7
7	1	3	5	4	8	8	5	6	3	4	549	7
7	1	3	5	2	38	8	5	5	2	4	366	6
9	1	3	7	2	15	8	5	5	702	4	35	8
10	1	4	6	2	12	8	144	4	116	5	8	14
11	2	3	4	2	11	8	79	5	36	5	13	9
12	2	3	4	2	5	9	14	4	20	5	27	8
13	2	4	4	2	8	9	8	4	14	4	15	7
14	2	4	4	2	9	10	5	4	12	4	4	6
15	2	4	5	2	13	10	5	4	128	3	2	5
16	2	4	6	2	10	8	6	37	36	3	1	6
17	4	4	6	2	6	6	4	7	2340	3	1	6
18	7	4	6	2	7	8	5	148	225	2	10	6
19	5	4	5	2	11	9	5	160	41	3	5	6
20	3	23	5	2	63	7	5	30	19	2	4	5
21	2	14	5	2	34	6	13	9	12	2	194	4
22	2	12	4	2	20	5	25	7	8	2	594	4
23	2	6	4	1	13	5	9	9	7	3	3050	4
24	2	4	4	1	11	7	4	191	7	2	1050	5
25	2	4	4	1	9	6	4	32	7	2	94	5
26	2	5	4	1	8	7	3	7	6	2	42	5
27	2	5	4	1	9	6	3	7	5	2	49	5
28	2	5	4	1	9	5	3	280	6	2	49	6
29	3	5	3	1	...	6	3	90	5	2	21	5
30	2	5	2	1	...	8	10	16	5	1	15	8
31	2	...	2	1	...	5	...	10	...	1	21	...
Mean	2	5	5	2	13	8	14	49	141	3	201	7
Max.	7	23	14	4	63	13	144	308	2340	5	3050	14
Min.	1	2	2	1	3	5	3	4	2	1	1	4
A.F.	126	297	322	118	745	468	821	3010	8400	195	12380	410

Total acre-feet 27290

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER NEAR AUBURN
Sec. 23-5-14 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	21	30	43	31	58	57	50	133	915	53	58	72
2	25	34	58	41	69	49	50	1440	269	56	72	61
3	22	32	93	43	83	37	43	426	441	47	61	59
4	20	32	99	50	96	45	46	131	176	43	38	51
5	20	34	79	45	120	60	49	107	99	39	27	48
6	24	34	66	46	111	57	52	96	73	40	47	46
7	24	39	48	35	87	56	51	89	62	37	653	46
8	22	41	47	31	77	55	41	79	51	36	1660	47
9	26	41	42	23	77	57	40	71	6110	35	438	92
10	27	40	38	27	32	52	136	71	811	41	94	86
11	28	40	43	26	71	50	215	70	248	66	70	58
12	28	37	40	26	70	51	99	66	354	55	143	51
13	26	38	32	25	63	46	66	61	154	40	116	48
14	28	39	35	25	67	40	55	59	89	34	82	43
15	29	37	34	25	70	45	50	58	447	33	73	42
16	28	39	30	26	71	52	48	1630	492	30	50	43
17	28	41	34	25	62	51	42	417	14900	27	40	43
18	27	39	33	26	56	52	39	152	1800	26	50	40
19	29	80	33	29	82	67	40	769	337	26	75	40
20	36	96	36	26	241	62	50	174	186	25	55	39
21	31	84	38	25	189	57	61	84	143	27	1320	36
22	42	68	30	29	111	53	76	66	131	31	1830	36
23	33	53	33	32	82	48	75	62	94	34	4170	37
24	29	46	35	28	72	52	59	61	76	36	4580	38
25	31	44	40	27	68	57	50	145	79	30	492	39
26	34	42	40	26	67	52	52	73	71	28	186	39
27	33	44	45	25	68	48	41	63	62	26	123	41
28	31	40	50	26	58	49	41	312	63	25	140	46
29	29	46	48	30	...	49	41	435	52	21	119	55
30	29	44	47	36	...	42	72	115	50	21	99	47
31	31	...	34	43	...	49	...	235	...	19	123	...
Mean	28	45	45	31	85	52	61	250	961	35	551	49
Max.	42	96	99	50	241	67	215	1630	14900	66	4580	92
Min.	20	30	30	23	32	37	39	58	50	19	27	36
A.F.	1730	2690	2780	1900	4720	3170	3630	15370	57190	2160	33890	2910

Total acre-feet 132100

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER, NEAR FALLS CITY
Sec. 22-1-16 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	29	39	53	55	38	74	63	144	7400	106	331	394
2	29	39	70	42	43	66	52	1600	3460	101	3260	343
3	36	39	105	47	58	50	46	1170	1920	94	1120	301
4	31	37	108	53	68	55	51	568	830	85	322	256
5	28	37	112	63	96	50	51	258	422	80	179	218
6	26	37	112	59	168	65	49	158	256	76	4770	190
7	26	41	108	55	129	69	47	118	198	70	16800	190
8	30	43	99	50	82	61	42	92	153	63	23700	172
9	32	45	94	50	94	65	42	76	11400	60	7840	220
10	33	47	87	51	105	58	57	65	4120	228	1580	235
11	31	47	83	37	80	58	77	60	3820	672	600	210
12	29	43	82	29	74	62	131	54	955	241	614	170
13	29	42	74	25	87	62	73	49	509	146	502	137
14	30	40	37	23	92	39	57	45	404	108	319	135
15	31	41	4	23	94	61	53	45	432	85	319	126
16	32	42	4	24	94	53	49	73	758	72	262	124
17	34	43	8	26	94	58	40	135	37200	63	210	124
18	34	43	14	25	80	57	40	205	20700	60	293	116
19	34	108	22	26	80	66	38	180	5350	54	3460	103
20	33	85	27	24	253	66	48	108	1050	53	4850	101
21	30	88	30	22	202	57	70	74	551	61	6040	94
22	31	76	30	21	160	58	70	63	425	79	5990	88
23	33	70	32	22	241	53	65	56	328	73	10900	83
24	33	72	33	24	185	60	62	56	268	66	14300	85
25	33	61	35	26	116	67	54	103	220	58	4720	85
26	34	58	45	24	87	57	62	92	182	53	3160	87
27	37	56	50	26	80	56	82	87	165	49	1220	85
28	39	54	53	27	77	58	70	133	148	45	1470	90
29	38	54	51	30	....	57	79	460	131	42	706	97
30	38	54	48	32	....	46	106	414	120	40	540	97
31	30	....	53	36	....	58	....	1590	....	36	456	....
Mean	32	53	57	35	109	59	61	269	3462	101	3898	159
Max.	39	108	112	63	253	74	131	1600	37200	672	23700	394
Min.	26	37	4	21	38	39	38	45	120	36	179	83
A.F.	1970	3140	3500	2140	6060	3610	3620	16520	206030	6190	239670	9430

Total acre-feet 501880

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER, NORTH FORK
NEAR HUMBOLDT—Sec. 10-2-13 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	20	26	26	28	42	34	130	1170	38	480	77
2	15	21	44	28	56	40	32	1290	459	36	641	73
3	15	22	149	28	68	40	34	387	260	38	184	70
4	16	23	68	29	73	40	35	113	94	37	77	70
5	16	23	50	30	73	40	36	63	56	36	56	68
6	18	21	38	30	70	81	35	54	44	34	2490	58
7	18	23	31	30	64	60	35	47	25	28	7630	50
8	16	24	31	31	71	40	35	39	19	28	7030	48
9	17	25	23	22	73	38	32	32	11000	26	596	68
10	18	28	55	17	77	36	50	29	765	467	214	61
11	18	25	38	13	70	38	42	29	269	324	122	50
12	18	25	28	12	71	36	35	28	346	64	142	45
13	19	24	25	12	71	36	34	26	254	51	102	47
14	17	24	25	12	77	38	31	25	88	32	79	44
15	17	25	20	13	70	39	29	24	100	28	68	38
16	15	24	21	13	70	44	29	109	402	24	75	38
17	24	25	25	12	63	42	26	86	23800	23	152	35
18	21	25	31	15	53	39	26	68	1720	20	424	34
19	20	42	35	15	70	50	29	56	441	18	2060	34
20	18	61	38	14	252	38	42	45	298	18	520	31
21	20	50	34	13	96	34	51	35	159	51	4800	30
22	31	45	28	16	70	32	51	26	128	48	2640	28
23	24	38	28	18	56	34	45	28	92	38	5140	28
24	20	34	28	16	45	36	36	48	71	30	7300	28
25	30	25	31	15	44	38	31	39	64	26	662	26
26	29	23	35	15	45	36	29	47	51	23	257	28
27	25	21	36	13	42	32	34	71	49	20	172	30
28	21	19	34	14	42	34	31	378	47	20	126	40
29	21	20	31	15	....	35	29	459	40	18	113	47
30	22	28	28	17	....	31	68	367	40	16	96	32
31	21	....	25	20	....	34	....	532	....	16	82	....
Mean	20	28	36	18	70	40	36	152	1412	54	1436	45
Max.	31	61	149	31	252	81	68	1290	23800	467	7630	77
Min.	15	19	20	12	28	31	26	24	19	16	56	26
A.F.	1220	1650	2220	1140	3890	2450	2150	9340	84000	3320	88320	2690

Total acre-feet 202390

DISCHARGE IN SECOND-FEET OF NEW YORK CREEK NEAR HERMAN
Sec. 32-20-11 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	2	1	2	3	3	3	8	2	1	1
2	1	1	2	1	2	4	3	25	12	8	1	1
3	1	1	6	1	2	2	2	7	6	2	0	0
4	1	1	5	1	2	2	2	5	4	2	0	0
5	1	1	3	1	2	2	2	4	3	1	0	1
6	1	2	2	1	2	4	2	4	3	1	1	0
7	1	2	2	1	2	4	2	3	2	1	3	0
8	1	1	2	1	2	4	1	3	2	1	2	0
9	1	2	2	1	2	3	1	3	2	1	1	1
10	1	2	2	1	2	3	1	3	2	1	1	1
11	1	2	1	1	2	3	1	3	2	1	1	1
12	1	2	1	0	2	3	1	3	1	1	1	1
13	1	2	1	0	2	2	1	2	1	1	1	1
14	1	2	1	0	2	2	2	2	1	1	1	1
15	1	2	1	0	2	3	2	2	2	1	1	0
16	1	2	1	0	2	4	2	2	2	1	1	1
17	1	2	1	0	1	4	1	2	2	1	1	1
18	1	2	1	0	1	4	1	3	2	1	2	1
19	1	5	1	0	2	4	1	3	1	1	1	0
20	1	6	1	0	32	4	2	2	2	1	1	0
21	1	3	1	0	16	4	49	2	75	1	1	0
22	1	2	3	0	13	4	6	2	4	1	2	1
23	1	2	2	0	6	3	4	48	3	1	7	0
24	1	2	1	1	8	4	4	7	2	1	2	0
25	1	2	1	1	4	4	3	3	2	0	1	0
26	1	2	1	1	3	3	2	3	1	0	1	0
27	1	2	1	1	3	3	2	4	1	0	0	0
28	1	2	1	1	2	3	2	13	1	1	0	1
29	1	2	1	2	..	1	2	4	1	1	1	1
30	1	2	1	2	..	3	8	3	1	1	1	1
31	1	..	1	2	..	3	..	9	..	2	1	..
Mean	1	2	2	1	4	3	4	6	5	1	1	1
Max.	1	6	6	2	32	4	49	48	75	8	7	1
Min.	1	1	1	0	1	1	1	2	1	0	0	0
A.F.	67	114	101	53	232	195	233	357	301	62	71	29

Total acre-feet 1820

DISCHARGE IN SECOND-FEET OF NINE MILE DRAIN NEAR McGREW
Sec. 23-21-53 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	188	128	106	94	84	78	86	78	91	90	111	125
2	190	126	106	92	83	75	85	76	100	88	107	127
3	190	123	107	92	83	77	84	76	108	85	104	130
4	194	122	106	90	83	79	82	73	104	88	96	133
5	194	123	105	89	83	78	79	113	96	84	104	148
6	197	123	105	89	82	80	79	132	101	83	108	150
7	190	122	104	88	81	79	78	100	110	80	137	153
8	181	119	105	86	80	81	77	97	95	78	125	160
9	176	118	98	85	81	82	77	89	98	77	134	164
10	174	117	101	86	79	82	78	81	100	83	136	159
11	171	118	101	85	78	81	77	88	96	78	138	156
12	155	116	101	85	79	63	78	84	102	73	140	150
13	155	115	98	85	81	59	76	76	102	65	144	144
14	151	113	98	85	83	60	76	64	113	80	144	140
15	148	113	101	85	82	83	75	60	135	76	144	134
16	144	114	101	82	84	90	76	94	101	73	145	134
17	138	113	105	82	86	89	77	109	102	95	139	139
18	137	111	106	82	87	91	76	90	108	86	138	142
19	136	112	110	84	86	87	78	85	116	85	136	139
20	136	111	112	81	85	90	75	88	105	84	222	142
21	137	110	112	81	85	91	73	85	94	96	288	139
22	131	108	111	83	85	92	76	126	88	117	177	134
23	132	108	110	84	84	94	75	116	102	112	162	131
24	132	106	111	83	80	93	83	107	90	122	156	126
25	132	105	107	83	78	91	75	132	130	127	154	124
26	132	104	106	84	77	91	77	106	164	117	151	126
27	130	104	103	85	76	90	77	103	111	123	155	134
28	130	105	101	86	78	86	74	98	96	140	156	130
29	130	105	100	86	....	83	75	101	89	124	142	125
30	130	107	97	86	....	84	77	101	86	117	130	128
31	128	....	96	85	....	83	....	96	....	113	124	....
Mean	154	114	104	86	82	83	78	94	104	95	143	139
Max.	197	128	112	94	87	94	86	132	164	140	288	164
Min.	128	104	96	81	76	59	73	60	86	65	96	124
A.F.	9500	6780	6410	5260	4550	5080	4620	5800	6210	5830	8820	8260

Total acre-feet 77120

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER ABOVE BOX BUTTE RESERVOIR—Sec. 27-29-50 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	10	45	41	41	42	59	21	10	31	6	8
2	4	10	42	45	44	34	60	31	12	28	7	7
3	4	12	42	43	43	32	62	34	11	23	6	7
4	3	11	38	42	47	34	59	37	9	18	6	7
5	3	12	42	42	47	39	58	38	9	20	7	7
6	3	14	37	43	55	37	57	38	8	15	7	7
7	3	22	42	45	50	39	55	34	9	10	7	7
8	3	22	40	46	56	43	52	31	8	10	8	7
9	3	24	37	46	51	49	49	31	8	9	8	8
10	3	28	39	43	50	44	50	30	16	9	8	8
11	3	22	40	40	47	44	49	30	16	8	10	7
12	3	24	40	42	40	35	46	30	14	8	8	7
13	3	23	35	42	52	35	43	30	14	8	8	8
14	3	24	35	42	50	40	39	28	14	8	8	8
15	3	23	41	42	46	40	36	24	13	8	8	8
16	6	23	39	35	46	45	36	25	14	8	8	10
17	5	23	38	30	46	45	32	16	13	8	8	7
18	3	30	39	32	46	50	34	20	28	7	8	3
19	3	27	40	34	44	55	35	23	24	7	8	3
20	3	28	44	25	42	55	34	20	22	7	8	4
21	3	28	46	20	41	55	36	11	18	8	8	3
22	4	28	42	31	40	56	31	20	15	10	9	3
23	6	30	39	31	39	55	31	31	15	8	8	3
24	6	40	39	30	39	50	31	25	18	8	8	4
25	14	34	39	31	38	45	28	18	17	8	8	4
26	12	38	42	34	38	50	31	18	25	7	8	4
27	10	37	42	41	38	60	31	17	41	7	10	5
28	10	37	40	38	40	55	25	16	164	7	8	5
29	9	36	42	38	....	50	21	15	98	7	8	4
30	9	37	40	39	....	55	26	14	36	7	9	4
31	9	....	41	40	....	57	....	11	....	6	8	....
Mean	5	25	40	38	45	46	41	25	24	11	8	6
Max.	14	40	46	46	56	60	62	38	164	31	10	10
Min.	3	10	35	20	38	32	21	11	8	6	6	3
A.F.	316	1500	2470	2330	2490	2830	2450	1520	1430	666	492	347

Total acre-feet 18840

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET
From Niobrara River—Sec. 28-29-49 W.
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	8300	.....	.....	.....	.....	18400	20540	.....	.....	13380	8510
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13040	8350
3	8090	.....	.....	12720	.....	.....	.....	.....	.....	.....	.....	8190
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	22130	12540	8140
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	21620	12050	8080
6	.....	.....	.....	.....	.....	.....	18870	.....	.....	21170	11780	8020
7	8130	.....	.....	.....	.....	.....	.....	.....	22450	20710	11880	7930
8	.....	.....	.....	13120	.....	17060	.....	.....	.....	20260	11800	7870
9	.....	.....	10840	.....	.....	.....	.....	20900	.....	19700	12670	7840
10	.....	.....	.....	.....	15490	.....	.....	.....	22450	.....	12520	7790
11	8190	9000	.....	13370	.....	.....	19140	.....	.....	18710	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	21120	.....	18100	11170	7720
13	.....	.....	.....	.....	.....	.....	.....	.....	22480	17490	11010	7630
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7550
15	.....	.....	11380	.....	.....	.....	.....	.....	.....	.....	10640	7490
16	.....	.....	.....	.....	.....	17600	.....	21300	.....	.....	.....	7410
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	15890	10050	7380
18	8290	.....	.....	13900	.....	.....	.....	.....	.....	15650	.....	7360
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	15520	9450	7300
20	.....	9400	.....	.....	.....	17690	.....	.....	22620	15410	9370	7210
21	.....	.....	11840	.....	16230	.....	19900	21540	.....	15400	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	15380	9870	6930
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	15440	.....	6860
24	.....	.....	.....	.....	.....	.....	.....	21780	22530	.....	9760	6680
25	.....	.....	.....	.....	.....	.....	20180	.....	22210	15260	9660	.....
26	.....	.....	.....	.....	16550	17910	.....	.....	22250	.....	.....	6360
27	8290	.....	.....	.....	.....	.....	.....	.....	22360	14860	9450	6120
28	.....	.....	12240	.....	16720	.....	20370	22630	22360	14600	.....	6120
29	.....	9950	.....	.....	.....	.....	.....	.....	.....	14160	9270	6080
30	.....	.....	.....	.....	.....	18200	.....	22550	22460	13900	8910	6130
31	.....	.....	.....	14623	.....	.....	.....	.....	.....	.....	8750	.....

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER BELOW BOX BUTTE RESERVOIR—Sec. 28-29-49 W.Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	1	1	1	1	1	1	1	50	124	92
2	1	1	1	1	1	1	1	1	1	50	131	88
3	1	1	1	1	1	1	1	1	1	50	136	82
4	1	1	1	1	1	1	1	1	1	56	136	68
5	1	1	1	1	1	1	1	1	1	74	136	63
6	1	1	1	1	1	1	1	1	1	102	124	57
7	1	1	1	1	1	1	1	1	1	119	97	54
8	1	1	1	1	1	1	1	1	1	133	90	47
9	1	1	1	1	1	1	1	1	1	151	88	39
10	1	1	1	1	1	1	1	1	1	163	86	35
11	1	1	1	1	1	1	1	1	1	166	88	34
12	1	1	1	1	1	1	1	1	1	186	88	36
13	1	1	1	1	1	1	1	1	1	199	86	40
14	1	1	1	1	1	1	1	1	1	205	90	42
15	1	1	1	1	1	1	1	1	1	205	93	42
16	1	1	1	1	1	1	1	1	1	202	104	41
17	1	1	1	1	1	1	1	1	1	196	110	39
18	1	1	1	1	1	1	1	1	1	189	119	35
19	1	1	1	1	1	1	1	1	1	174	115	36
20	1	1	1	1	1	1	1	1	1	157	97	44
21	1	1	1	1	1	1	1	1	1	136	1	54
22	1	1	1	1	1	1	1	1	1	113	15	57
23	1	1	1	1	1	1	1	2	2	92	29	60
24	1	1	1	1	1	1	1	1	25	80	31	71
25	1	1	1	1	1	1	1	1	52	82	41	77
26	1	1	1	1	1	1	1	1	42	83	50	82
27	1	1	1	1	1	1	1	1	40	85	50	83
28	1	1	1	1	1	1	1	1	43	95	52	63
29	1	1	1	1	..	1	1	1	50	110	64	46
30	1	1	1	1	..	1	1	1	50	117	86	13
31	1	..	1	1	..	1	..	1	..	119	90	..
Mean	1	1	1	1	1	1	1	1	11	127	85	54
Max.	1	1	1	1	1	1	1	2	52	205	136	92
Min.	1	1	1	1	1	1	1	1	1	50	1	13
A.F.	71	58	61	71	62	72	72	81	659	7810	5250	3210

Total acre-feet 17480

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR HAY SPRINGS Sec. 23-29-46 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	13	22	24	25	25	28	31	31	13	9	10
2	16	12	22	21	24	23	29	33	30	13	9	11
3	16	12	23	20	34	27	30	33	28	13	9	12
4	15	12	22	25	36	26	36	31	25	12	9	13
5	13	13	22	24	35	28	30	31	20	11	11	12
6	14	15	22	25	36	30	31	30	24	9	12	16
7	16	18	25	26	31	30	33	31	44	10	12	12
8	15	23	23	23	28	27	30	33	30	10	12	11
9	15	23	23	23	28	27	27	31	25	9	14	11
10	12	23	23	18	27	25	23	30	27	9	12	11
11	18	25	24	18	27	27	23	25	22	9	12	11
12	16	27	21	19	27	25	23	23	22	9	12	11
13	12	24	24	24	31	22	20	22	22	9	11	10
14	12	27	20	24	31	22	22	20	27	9	11	10
15	12	24	22	24	28	25	23	20	25	9	10	10
16	10	22	23	20	25	32	23	20	30	9	11	10
17	11	19	23	21	23	30	22	27	33	11	11	11
18	11	18	29	21	28	34	22	20	66	10	11	11
19	12	22	28	21	30	21	20	19	54	12	10	10
20	15	18	25	19	27	42	22	19	38	16	17	10
21	28	20	19	21	28	48	25	17	36	15	60	11
22	20	25	15	23	23	40	17	20	28	17	36	12
23	17	46	19	23	24	42	18	313	23	13	18	12
24	18	27	18	24	28	36	22	54	16	12	14	12
25	19	23	19	22	27	33	24	34	28	13	12	14
26	17	22	21	25	30	33	36	34	74	11	12	14
27	18	20	22	24	24	31	31	38	25	10	11	14
28	16	18	20	23	27	23	25	32	19	10	11	15
29	15	18	22	24	....	28	27	28	23	9	11	17
30	14	20	22	22	....	36	28	33	23	9	12	36
31	15	....	22	25	....	20	....	36	..	9	11	..
Mean	16	21	22	22	28	30	26	38	31	11	14	13
Max.	28	46	29	26	36	48	36	313	74	17	60	36
Min.	10	12	15	18	23	20	17	17	16	9	9	10
A.F.	964	1250	1360	1380	1570	1820	1530	2320	1820	672	860	752

Total acre-feet 16300

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR GORDON
Sec. 26-31-42 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	80	80	94	114	154	120	131	135	118	94	65	65
2	85	80	82	118	199	80	105	145	118	85	68	68
3	77	80	97	128	206	67	100	142	118	88	63	70
4	82	70	92	128	176	72	105	149	121	88	60	72
5	82	85	82	128	168	78	138	161	121	80	60	75
6	88	85	73	125	168	97	118	172	121	75	75	75
7	80	82	75	125	180	111	111	157	309	75	77	77
8	80	91	74	123	135	108	135	145	206	75	65	75
9	80	102	64	108	111	100	131	138	184	75	68	77
10	82	94	65	94	105	100	126	121	135	70	63	72
11	82	100	72	99	121	95	125	114	121	70	58	72
12	80	100	68	103	121	90	121	118	108	68	65	72
13	77	100	67	110	121	80	114	118	105	63	63	75
14	75	100	65	101	125	70	121	121	99	65	58	75
15	77	100	58	72	131	120	121	114	108	68	54	72
16	80	100	51	52	138	161	108	118	105	68	56	70
17	77	100	49	79	161	153	100	142	102	75	60	72
18	82	100	47	108	145	184	118	149	111	75	70	75
19	85	100	49	109	142	157	118	142	125	82	70	72
20	85	100	53	98	157	164	114	135	114	108	70	68
21	102	100	61	122	157	161	114	128	105	82	99	72
22	108	100	42	108	149	149	111	118	102	96	121	72
23	108	124	63	105	145	145	114	248	96	88	99	72
24	102	121	69	102	145	151	111	164	85	77	80	72
25	125	120	68	102	145	161	121	121	80	72	68	77
26	111	119	71	109	145	168	131	114	176	75	65	80
27	96	127	74	104	164	184	142	121	157	70	63	77
28	88	135	74	110	125	161	138	118	125	75	70	77
29	80	138	77	131	.....	157	145	108	121	75	77	77
30	77	117	103	151	.....	153	142	108	111	65	65	105
31	77	.....	125	163	.....	135	.....	114	.....	65	65	.....
Mean	87	102	71	111	148	127	121	135	127	77	70	74
Max.	125	138	125	163	206	184	145	248	309	108	121	105
Min.	75	70	42	52	105	67	100	108	80	63	54	65
A.F.	5340	6050	4370	6800	8210	7800	7200	8330	7550	4730	4280	4420

Total acre-feet 75080

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR CODY
Sec. 23-33-34 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	219	302	319	319	400	350	410	390	290	282	215	219
2	215	298	310	324	405	190	395	375	319	270	212	215
3	212	290	310	310	410	160	390	370	278	258	208	208
4	226	274	306	310	425	240	375	360	274	254	215	212
5	226	286	310	314	425	320	365	360	274	246	215	226
6	238	302	310	324	435	390	370	350	278	242	223	238
7	238	294	314	332	420	425	360	350	332	234	230	238
8	234	294	319	337	395	395	350	337	430	230	238	258
9	242	290	294	302	395	370	328	337	337	226	238	246
10	250	298	294	242	365	342	314	342	350	212	230	234
11	242	290	282	250	337	332	319	324	306	204	262	234
12	250	286	306	274	328	310	324	306	290	200	250	230
13	238	278	310	294	350	170	314	302	290	190	226	226
14	250	282	286	310	346	190	306	302	456	186	226	226
15	254	274	286	298	337	355	310	298	319	179	212	226
16	250	270	239	210	337	385	306	298	350	186	208	230
17	254	282	195	150	342	430	306	302	328	190	215	242
18	250	282	230	160	332	460	314	310	324	190	223	250
19	250	282	290	200	328	450	324	324	324	204	242	258
20	258	278	320	160	319	395	302	294	314	729	250	262
21	342	270	310	210	342	390	310	286	324	416	270	258
22	395	286	233	220	342	410	306	298	286	328	294	254
23	350	319	170	240	337	430	286	286	266	290	328	246
24	342	355	220	210	332	450	294	637	250	266	286	246
25	310	346	270	190	337	450	298	365	246	258	246	238
26	294	342	310	220	365	420	302	314	311	238	208	234
27	302	337	324	280	380	450	306	310	450	238	208	238
28	294	332	314	300	365	455	342	302	337	238	208	238
29	294	332	298	337	.....	430	380	274	310	234	230	234
30	298	324	306	332	.....	425	385	274	286	234	258	250
31	294	.....	302	350	.....	410	.....	278	.....	226	234	.....
Mean	268	299	287	268	365	367	333	331	318	254	236	237
Max.	395	355	324	350	435	460	410	637	456	729	328	262
Min.	212	270	170	150	319	160	286	274	246	179	208	208
A.F.	16480	17800	17630	16480	20290	22570	19820	20340	18900	15630	14500	14110

Total acre-feet 214550

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR SPARKS
Sec. 22-34-26 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	637	749	782	828	1040	945	1000	1150	793	718	637	666
2	628	793	793	816	1110	500	1040	1160	1020	676	618	618
3	666	793	782	828	1060	400	1040	1080	933	666	637	676
4	666	793	770	804	1080	650	993	1020	770	637	637	676
5	676	770	874	828	1230	1000	969	1080	760	676	647	708
6	687	828	804	850	1190	1220	981	1030	760	608	628	708
7	687	850	816	897	1230	1220	957	1030	1040	599	687	676
8	687	760	816	862	1180	1060	909	969	957	628	697	728
9	697	816	770	600	1060	957	874	957	981	589	697	770
10	728	804	804	550	969	957	850	957	862	580	666	718
11	718	816	793	500	909	909	828	933	921	618	666	718
12	739	804	770	500	897	850	850	885	793	608	656	708
13	739	804	839	600	897	810	816	850	793	599	666	718
14	718	828	749	640	921	580	816	839	850	552	666	708
15	760	749	782	620	897	909	828	839	1070	526	656	687
16	760	828	749	500	921	1270	839	850	816	517	589	697
17	816	770	647	410	897	1110	782	850	850	580	656	708
18	760	782	760	380	874	1190	793	850	885	599	628	708
19	793	793	816	400	862	1340	850	874	816	589	637	676
20	782	718	909	430	862	1230	862	816	816	697	666	687
21	1060	718	816	540	862	1120	828	770	816	1370	804	656
22	1040	730	550	600	897	1150	816	804	793	850	885	656
23	957	750	520	676	897	1140	804	770	749	782	793	676
24	900	780	666	600	850	1160	749	909	708	739	728	666
25	850	816	793	500	885	1230	804	1040	708	749	708	676
26	800	804	782	500	933	1120	828	828	770	728	666	697
27	800	804	804	700	993	1120	862	874	874	728	676	697
28	780	839	793	1040	969	1160	839	839	874	718	666	676
29	782	770	793	1150	.....	1190	1230	782	782	676	647	697
30	793	782	760	1020	.....	1120	1150	749	739	656	666	760
31	839	.....	816	1030	.....	1080	.....	897	.....	676	687	.....
Mean	772	788	772	684	978	1022	893	912	843	675	676	694
Max.	1060	850	909	1150	1230	1340	1230	1160	1070	1370	885	770
Min.	628	718	520	380	850	400	749	749	708	517	589	618
A.F.	47490	46890	47440	42050	54290	62870	53130	56090	50180	41520	41580	41290

Total acre-feet 584820

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR NORDEN
Sec. 33-33-23 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	662	941	814	948	1200	866	1250	1210	1060	892	713	859
2	662	978	800	934	1180	866	1250	1250	1210	872	673	840
3	673	906	800	878	1200	650	1230	1120	1120	846	678	872
4	713	866	840	1020	1280	900	1210	1090	1050	820	695	927
5	707	885	960	970	1300	1100	1140	1090	1080	878	695	1030
6	737	920	978	970	1300	1300	1130	1110	1100	840	731	1020
7	762	920	1030	1020	1300	1200	1100	1110	1190	820	794	1000
8	833	920	920	920	1600	1040	1120	1060	1090	774	840	1010
9	833	941	860	780	1430	992	1060	1020	1100	743	768	1050
10	826	920	900	640	1110	970	1040	948	978	690	768	1050
11	840	885	859	660	962	985	1040	978	978	713	814	1000
12	800	878	840	700	913	960	1020	948	906	690	794	934
13	833	878	859	788	1010	700	1010	934	885	684	737	941
14	859	866	852	780	1050	1000	1030	885	866	656	762	878
15	892	872	913	720	1020	1350	985	899	1220	668	820	846
16	978	878	913	600	1060	1540	1020	927	866	695	762	833
17	948	866	790	450	1050	1330	948	878	885	690	788	814
18	955	906	840	410	1050	1320	978	941	927	719	800	826
19	955	885	910	450	978	1450	955	962	859	678	800	814
20	1010	885	1090	530	985	1370	1000	970	899	950	794	768
21	1280	820	900	620	962	1290	1010	906	859	1550	866	774
22	1130	840	700	700	978	1250	985	892	955	1000	885	749
23	1050	880	610	780	962	1290	985	941	913	830	794	737
24	1040	920	700	700	899	1340	1000	920	892	780	713	762
25	1000	878	780	600	892	1410	1080	1190	906	760	774	794
26	1030	840	860	580	913	1300	1080	906	970	750	768	833
27	1000	826	940	740	920	1270	1090	948	948	740	762	826
28	970	846	1060	1050	927	1360	1070	941	1030	690	774	859
29	962	833	1020	1190	.....	1340	1290	955	920	701	807	885
30	1020	833	899	1120	.....	1300	1280	1010	934	713	833	927
31	962	.....	892	1140	.....	1250	.....	1050	.....	713	892	.....
Mean	901	884	875	787	1087	1171	1080	1000	987	792	777	882
Max.	1280	978	1090	1190	1600	1540	1290	1250	1220	1550	892	1050
Min.	662	820	610	410	892	650	948	878	859	656	673	737
A.F.	55380	52590	53810	48370	60360	71980	64240	61470	58700	48680	47790	52480

Total acre-feet 675850

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR SPENCER
Sec. 30-33-11 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	955	1510	1560	1810	2140	1870	2140	2820	1620	1400	1130	1110
2	915	1260	1700	1810	2450	1150	2080	2780	2300	1170	1290	1290
3	976	1460	1020	1870	2480	1060	2110	2380	2980	1190	955	1170
4	1110	1260	308	1840	2730	1120	1990	1930	2300	1130	935	1130
5	1130	1360	795	1760	2740	1650	2020	2410	1960	998	998	1080
6	1190	1310	1290	1780	2750	2050	1960	2340	1590	935	955	1110
7	1240	1480	1590	1900	2580	2270	1900	2550	2660	998	1150	1360
8	1460	1590	2180	1840	2510	2340	1840	2300	2940	998	1260	1700
9	1330	1540	1930	1760	2080	2140	1760	2110	2700	998	1110	3110
10	1310	1540	1640	1330	2110	1700	1730	2050	2270	935	1020	1780
11	1330	1360	1560	895	2110	1430	1730	1870	1930	915	1290	1460
12	1260	1380	1620	775	2050	1460	1760	1870	1840	875	1430	1220
13	1260	1400	1870	701	2440	1480	1700	1780	1870	875	1220	1110
14	1330	1240	1670	976	2860	2480	1640	1640	1840	855	1130	1190
15	1400	1400	1590	1220	3940	2110	1730	1590	2550	935	976	1260
16	1240	1400	1220	1360	3710	1480	1700	1540	2210	895	1040	1330
17	1190	1330	1110	1400	2700	2440	1590	1700	2140	815	1040	1220
18	1460	1310	998	720	2210	2110	1640	1760	2550	935	1560	1260
19	1260	1310	1170	593	1640	3190	1960	1700	2550	1040	1220	1260
20	1240	795	1220	815	1900	2980	2140	1620	2020	1110	1020	1190
21	1380	544	1100	815	2050	2820	2270	1620	2380	1730	1220	1040
22	1900	1310	935	755	2140	2620	1930	1400	2050	1870	1730	1020
23	1760	1810	665	665	1810	2780	1870	1480	1700	1870	1760	976
24	1810	2620	392	1290	1460	2660	1700	1560	1480	1130	1430	998
25	1990	2020	482	2410	1780	2740	1640	1460	1310	1060	1220	1020
26	1560	1930	955	3890	1460	2440	1700	1700	1510	955	2050	998
27	1590	1590	1110	3320	1870	2740	1560	1870	1930	976	4790	1020
28	1510	1220	1400	2700	1760	2440	1480	1780	1290	955	1460	998
29	1560	1430	1540	2210	.....	2620	1990	1590	1670	976	1480	1080
30	1360	1590	1540	2340	.....	2300	2660	1400	1430	1130	1290	1170
31	998	.....	1700	2900	.....	2210	.....	1480	.....	1290	1080	.....
Mean	1355	1443	1286	1627	2302	2157	1864	1874	2052	1095	1363	1255
Max.	1990	2620	2180	3890	3940	3190	2660	2820	2980	1870	4790	3110
Min.	915	544	308	593	1460	1060	1480	1400	1290	815	935	976
A.F.	83310	85880	79060	100070	127850	132650	110920	115200	122120	67330	83780	74700

Total acre-feet 1182870

DISCHARGE IN SECOND-FEET OF OAK CREEK NEAR DANNEBROG
Sec. 8-13-11 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.0	0.1	0.7	1.0	0.3	1.8	1.2	1.0	0.6	1.1	0.3	0.1
2	.0	.1	.7	1.2	5.4	1.0	1.1	3.0	1.1	1.0	.4	.1
3	.0	.2	1.2	1.5	9.2	1.0	1.2	21.0	.9	.9	20.0	.1
4	.0	.2	1.3	1.5	9.6	.7	1.2	16.0	.9	.8	7.3	.1
5	.0	.2	1.1	1.4	9.2	.8	1.1	6.1	.8	.8	.7	.1
6	.0	.2	.8	1.3	8.4	1.0	1.1	3.0	.6	.7	218.0	.1
7	.0	.4	.8	1.4	6.8	1.4	1.1	2.7	.5	.6	247.0	.1
8	.0	.5	1.0	1.2	5.8	1.6	1.1	1.9	.4	.5	69.0	.1
9	.0	.5	1.2	.8	5.1	1.6	1.1	1.4	.4	.4	13.0	.2
10	.0	.6	1.0	.2	2.7	1.7	1.1	1.3	.4	.3	4.1	.1
11	.0	.6	1.0	.1	2.7	1.6	.8	1.2	.3	.3	1.4	.1
12	.0	.5	.9	.1	2.3	1.6	.3	1.1	.3	.3	.5	.1
13	.0	.5	1.0	.1	2.4	1.6	.2	1.1	.2	.2	.2	.1
14	.0	.5	.9	.2	3.2	1.5	.2	1.1	60.0	.1	.1	.1
15	.0	.4	.9	.4	3.7	1.5	.2	60.0	43.0	.1	.0	.1
16	.0	.4	.8	.2	3.8	1.4	.2	45.0	1.4	.1	49.0	.2
17	.0	.4	.7	.1	4.1	1.6	.2	7.0	1640.0	.1	14.0	.1
18	.0	.4	.7	.1	4.6	1.8	.2	4.4	418.0	.1	55.0	.1
19	.0	.5	.8	.2	4.3	2.0	.2	3.5	40.0	.1	28.0	.1
20	.0	1.1	1.0	.2	6.5	2.0	.2	1.9	17.0	.0	2.0	.1
21	.0	1.2	.9	.2	7.8	1.8	.2	1.3	19.0	.0	.6	.1
22	.0	1.1	.5	.2	7.8	1.6	.2	1.8	6.7	.1	.5	.1
23	.0	1.1	.6	.2	7.4	1.5	.2	7.6	3.8	.1	.3	.1
24	.0	1.0	.7	.2	8.8	1.5	.2	7.0	2.8	.1	.3	.1
25	.0	.9	.6	.2	6.1	1.6	.2	15.0	2.3	.2	.3	.1
26	.0	.9	.4	.2	3.8	1.6	.2	4.8	1.9	.1	.2	.0
27	.0	.8	.5	.2	2.8	1.4	.2	2.4	1.6	.1	.1	.0
28	.0	.7	.6	.3	2.1	1.4	.2	1.7	1.4	.1	.1	.0
29	.0	.7	.8	.3	.....	1.2	.2	1.1	1.3	.1	.1	.0
30	.0	.7	.8	.3	.....	1.2	.3	.9	1.2	.1	.1	.0
31	.1	.....	.9	.3	.....	1.1	.....	.7	.....	.1	.1	.....
Mean	.0	.6	.8	.5	5.2	1.4	.5	7.4	75.6	.3	23.6	.1
Max.	.1	1.2	1.3	1.5	9.6	2.0	1.2	60.0	1640.0	1.1	247.0	.2
Min.	.0	.1	.4	.1	.3	.7	.2	.7	.2	.0	.0	.0
A.F.	.2	35.0	51.0	31.0	291.0	89.0	32.0	452.0	4500.0	19.0	1450.0	5.4

Total acre-feet 6960

DISCHARGE IN SECOND-FEET OF OMAHA CREEK NEAR HOMER
Sec. 12-27-8 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	11	17	10	22	29	28	27	37	38	23	14
2	6	12	18	11	21	21	33	73	177	37	22	13
3	5	12	18	10	20	18	21	45	291	35	19	13
4	5	11	15	10	20	19	27	29	45	34	19	13
5	6	11	11	10	14	23	35	24	30	33	19	13
6	7	11	11	10	12	24	33	23	27	32	20	12
7	8	14	11	10	11	25	35	22	26	31	22	12
8	8	11	9	9	14	26	28	22	26	29	26	12
9	5	12	6	6	15	26	26	21	26	28	20	16
10	8	13	8	6	15	24	26	21	27	27	18	15
11	9	12	9	4	10	22	24	21	24	26	29	13
12	9	12	8	4	8	19	21	21	23	24	29	13
13	9	12	10	4	14	11	19	20	22	22	22	12
14	9	12	8	4	24	12	17	20	22	21	22	11
15	9	13	8	4	29	17	26	19	22	20	19	12
16	11	13	8	4	21	27	26	18	24	20	17	16
17	12	13	7	4	22	68	19	17	22	19	18	16
18	12	13	7	4	23	137	17	18	32	19	40	14
19	10	32	8	5	32	68	19	20	350	19	25	13
20	10	58	9	6	142	26	20	18	1440	19	17	12
21	9	26	10	6	82	22	33	17	3660	21	16	10
22	10	19	11	6	129	23	22	16	156	21	19	10
23	9	18	8	7	170	21	21	16	108	21	23	11
24	10	18	7	8	124	22	21	19	86	20	20	10
25	11	17	8	8	82	42	21	16	64	19	20	10
26	11	17	9	9	65	22	20	16	527	19	16	11
27	10	16	11	10	52	22	19	46	285	18	16	11
28	10	17	12	12	42	24	19	22	80	70	15	17
29	10	18	11	15	....	17	20	17	50	27	15	20
30	10	17	9	19	....	24	39	16	42	24	15	14
31	10	....	9	22	....	24	....	196	....	29	14	....
Mean	9	16	10	8	44	29	24	29	258	26	20	13
Max.	12	58	18	22	170	137	39	196	3660	70	40	20
Min.	5	11	6	4	8	11	17	16	22	18	14	10
A.F.	540	974	616	505	2450	1800	1460	1780	15370	1630	1260	772

Total acre-feet 29160

DISCHARGE IN SECOND-FEET OF PLUM CREEK NEAR MEADVILLE
Sec. 11-32-22 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	86	98	92	94	105	99	151	229	96	116	89	92
2	86	98	92	94	108	81	154	268	122	112	86	78
3	88	99	98	94	103	85	147	207	118	114	80	78
4	89	88	92	91	105	95	135	248	120	112	86	78
5	91	92	94	92	105	101	135	340	114	108	84	96
6	88	101	94	94	103	98	131	358	112	105	83	96
7	89	103	94	96	103	98	122	285	194	105	92	96
8	83	99	96	96	101	96	116	223	231	101	96	96
9	80	96	96	87	105	99	110	181	210	95	89	94
10	86	96	98	95	107	99	107	156	181	95	86	100
11	89	101	98	88	101	101	105	142	164	95	88	100
12	89	80	96	91	99	107	103	131	142	95	81	98
13	98	96	98	91	98	91	103	125	138	95	80	95
14	223	88	96	94	98	96	101	114	151	95	81	95
15	181	88	92	88	98	100	101	110	158	95	86	100
16	176	91	92	80	99	105	98	108	154	95	110	100
17	276	89	88	80	98	110	92	107	154	95	94	100
18	218	91	94	85	99	129	92	105	158	95	94	98
19	164	83	91	85	98	171	99	101	161	95	80	95
20	127	83	94	80	96	184	101	103	164	100	64	93
21	112	92	98	85	96	212	98	92	164	100	81	90
22	103	89	81	105	98	210	98	92	151	105	68	87
23	89	94	105	110	98	191	96	96	140	110	75	88
24	88	96	107	80	96	178	92	88	131	105	70	89
25	105	94	103	80	98	176	92	91	125	100	69	90
26	103	92	98	95	99	156	98	92	151	95	75	90
27	96	94	94	98	101	166	98	99	140	95	83	90
28	96	92	96	98	98	174	99	98	142	94	80	91
29	88	96	91	99	....	174	140	96	140	103	89	91
30	110	92	94	99	....	158	207	92	133	101	94	96
31	88	....	91	100	....	154	....	99	....	96	78	....
Mean	116	930	95	92	100	132	114	151	149	101	84	93
Max.	276	103	107	110	108	212	207	358	231	116	110	100
Min.	80	80	81	80	96	81	92	88	96	94	64	78
A.F.	7110	5540	5840	5640	5580	8120	6790	9270	8840	6190	5140	5510

Total acre-feet 79570

DISCHARGE IN SECOND-FEET OF PONCA CREEK NEAR ANOKA
Sec. 9-39-13 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	2	6	6	2	26	47	77	20	62	6	24
2	0	2	5	6	10	9	46	81	50	48	6	27
3	0	2	4	6	45	20	38	77	258	40	5	13
4	1	2	4	6	65	27	38	104	177	35	4	10
5	1	2	6	6	80	26	36	141	135	29	4	10
6	1	2	7	6	70	31	36	150	104	24	4	15
7	1	3	8	5	80	32	31	130	419	22	5	32
8	1	4	10	5	85	45	26	105	612	18	5	29
9	1	4	7	4	100	37	22	76	425	14	4	189
10	1	4	9	4	85	36	20	62	290	13	4	137
11	1	3	9	4	20	32	19	53	172	12	5	57
12	1	13	9	4	35	13	18	46	132	10	4	38
13	1	4	10	4	60	10	17	39	115	10	4	29
14	1	4	9	4	65	8	16	33	147	10	4	20
15	1	4	9	3	55	10	16	31	251	9	3	19
16	1	3	7	2	25	21	16	27	407	8	2	15
17	1	3	6	2	45	24	14	24	307	7	2	15
18	1	3	5	1	45	94	13	22	334	7	4	14
19	1	3	5	1	40	191	15	22	231	6	3	14
20	1	4	5	1	30	128	18	21	465	12	3	12
21	1	3	5	1	25	107	21	19	1050	10	37	10
22	2	5	5	1	21	91	21	16	551	9	471	10
23	2	5	5	1	21	77	18	16	270	8	267	8
24	2	5	5	1	21	70	18	15	170	7	109	8
25	2	4	6	1	24	72	15	14	138	6	65	8
26	2	6	6	1	25	57	14	14	132	5	57	7
27	2	5	6	1	25	61	17	17	94	4	194	7
28	3	6	6	1	21	63	24	23	94	4	36	6
29	2	5	6	1	....	50	55	29	100	4	27	6
30	2	4	6	1	....	50	86	24	71	6	43	6
31	2		6	2		43		20		6	39	
Mean	1	4	7	3	44	50	26	49	257	15	46	26
Max.	3	13	10	6	100	191	86	150	1050	62	471	189
Min.	0	2	4	1	2	8	13	14	20	4	2	6
A.F.	74	237	405	179	2430	3100	1570	3030	15310	922	2830	1580

Total acre-feet 31670

DISCHARGE IN SECOND-FEET OF PRAIRIE DOG CREEK NEAR WOODRUFF, KANSAS—Sec. 6-1-18 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	4	10	10	8	14	12	17	86	9	1	2
2	3	3	10	10	8	14	11	62	58	8	1	1
3	3	3	10	10	8	11	10	64	46	7	0	0
4	3	4	10	10	8	11	11	159	44	6	0	0
5	3	4	10	10	8	11	11	58	40	4	0	0
6	2	4	10	10	12	10	11	29	57	3	0	0
7	4	4	10	10	15	12	10	20	36	2	25	0
8	4	6	10	10	20	13	10	16	30	2	4	6
9	4	10	10	10	25	15	8	15	36	1	4	452
10	4	10	10	10	31	15	8	15	32	0	2	158
11	4	10	10	10	35	14	9	14	28	0	0	96
12	4	10	11	10	30	14	9	14	24	0	0	50
13	4	10	11	10	25	12	8	13	21	0	0	45
14	4	10	11	10	18	11	6	13	22	0	0	21
15	4	10	11	9	17	10	6	13	70	0	0	12
16	4	10	10	6	16	11	6	14	156	0	0	7
17	4	10	10	6	19	10	5	14	140	0	472	6
18	4	10	10	6	16	12	6	230	59	0	326	4
19	4	10	10	6	16	12	6	850	80	0	428	3
20	4	10	10	6	15	12	5	849	52	0	206	2
21	4	10	10	6	15	11	42	267	32	0	74	1
22	4	10	10	6	14	11	105	90	24	0	32	1
23	4	10	10	6	14	10	281	80	19	0	14	1
24	4	10	10	6	22	12	76	75	17	0	12	1
25	4	10	10	6	21	12	33	68	15	0	13	1
26	4	10	10	5	19	12	20	50	13	0	8	1
27	4	9	10	5	17	12	15	269	11	0	5	1
28	4	9	10	5	15	12	12	861	10	0	4	1
29	4	9	10	5	....	12	12	828	9	0	3	1
30	4	9	10	5	....	12	17	479	10	0	3	1
31	4		10	5		12		175		0	2	
Mean	4	8	10	8	17	12	26	185	43	1	53	29
Max.	4	10	11	10	35	15	281	861	156	9	472	452
Min.	2	3	10	5	8	10	5	13	9	0	0	0
A.F.	218	483	620	467	966	738	1550	11350	2530	85	3250	1730

Total acre-feet 23990

DISCHARGE IN SECOND-FEET OF PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-19-50 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	28	33	32	28	27	37	77	16	14	5	4
2	22	26	32	33	28	26	40	81	34	10	4	5
3	17	18	32	33	28	27	42	62	48	11	4	5
4	16	17	30	31	27	26	43	59	44	11	4	5
5	17	18	31	33	28	26	40	51	43	10	5	5
6	18	19	30	32	28	25	38	33	41	9	5	6
7	29	22	32	31	28	25	37	24	48	7	5	7
8	45	28	32	30	28	26	37	23	44	5	5	8
9	40	29	28	29	28	28	37	22	41	5	5	8
10	38	28	29	28	30	28	36	22	22	5	5	8
11	38	28	31	27	30	29	34	21	5	5	5	10
12	39	26	28	28	30	27	32	20	4	7	6	13
13	40	26	30	29	31	23	32	20	6	9	6	15
14	40	28	29	30	30	29	31	16	7	14	6	15
15	40	29	28	31	30	24	31	14	20	16	6	11
16	42	26	32	30	31	25	29	12	35	16	7	9
17	43	26	31	31	31	24	30	10	32	16	8	9
18	43	25	30	29	30	26	26	8	32	16	7	8
19	50	26	31	30	28	20	24	8	31	13	5	7
20	52	27	32	28	26	23	31	8	28	6	6	7
21	50	24	32	30	26	22	44	7	30	4	7	7
22	22	26	28	26	26	22	42	6	37	4	6	7
23	20	29	26	28	26	22	38	23	22	4	7	6
24	20	30	28	30	27	30	34	24	11	4	6	6
25	28	30	29	28	28	32	30	10	10	4	6	6
26	29	31	26	28	27	31	35	47	36	5	6	7
27	28	31	28	26	26	36	31	42	28	6	6	7
28	28	31	26	26	26	43	28	47	10	6	5	8
29	28	31	27	30	....	44	28	18	24	6	5	8
30	28	31	30	28	....	44	37	17	21	6	4	11
31	28	....	29	26	....	35	....	16	....	6	4	....
Mean	32	26	30	29	28	28	34	27	27	8	6	8
Max.	52	31	33	33	31	44	44	81	48	16	8	15
Min.	16	17	26	26	26	20	24	6	4	4	4	4
A.F.	2000	1570	1820	1810	1570	1740	2050	1680	1610	517	339	472

Total acre-feet 17180

DISCHARGE IN SECOND-FEET OF RED WILLOW CREEK NEAR BAYARD
Sec. 7-20-50 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	128	105	89	72	64	54	64	67	59	36	46	54
2	145	105	87	70	64	53	65	67	60	36	42	67
3	163	96	85	70	64	55	61	92	60	35	42	72
4	152	96	83	67	62	56	59	80	50	34	46	67
5	142	96	83	67	61	55	58	40	40	33	45	82
6	142	98	80	70	60	53	58	47	39	35	44	78
7	150	98	80	71	59	55	56	41	48	31	47	82
8	144	96	82	70	59	54	55	29	43	31	44	96
9	145	94	78	67	59	54	54	37	37	32	44	89
10	142	96	79	67	60	54	52	82	39	34	45	83
11	142	98	79	65	60	55	51	92	43	33	46	72
12	110	99	78	65	61	51	52	82	41	31	64	75
13	104	94	78	65	62	47	53	54	40	31	79	80
14	99	90	76	66	61	59	52	38	61	32	55	79
15	100	90	76	66	60	61	54	43	67	32	53	102
16	110	87	78	66	60	64	56	78	52	30	55	106
17	110	89	78	66	60	66	56	96	43	29	61	94
18	112	86	79	67	59	66	66	50	274	32	59	98
19	108	87	82	64	56	62	62	43	59	33	59	98
20	106	87	82	59	55	62	59	43	75	36	69	87
21	108	87	82	61	56	65	54	39	62	36	173	86
22	106	89	79	64	58	64	58	121	46	39	116	94
23	111	93	79	64	56	65	61	88	36	46	64	79
24	118	92	79	62	53	65	69	46	36	51	64	79
25	111	92	80	61	53	62	69	118	59	42	61	79
26	104	92	80	61	52	64	78	104	90	39	58	89
27	105	93	79	61	52	65	92	92	50	44	52	94
28	108	92	76	61	53	64	86	86	44	52	51	96
29	92	90	75	61	....	64	78	60	35	48	56	106
30	106	92	74	61	....	65	75	62	36	47	54	117
31	106	....	72	62	....	62	....	59	....	45	50	....
Mean	120	93	80	65	58	59	62	67	58	37	60	86
Max.	163	105	89	72	64	66	92	121	274	52	173	117
Min.	92	86	72	59	52	47	51	29	35	29	42	54
A.F.	7400	5550	4890	4000	3250	3650	3700	4120	3420	2270	3660	5120

Total acre-feet 51030

DISCHARGE IN SECOND-FEET OF RED WILLOW CREEK NEAR RED WILLOW
Sec. 17-3-28 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	28	43	31	45	42	38	27	29	15	5	15
2	14	28	42	36	50	38	39	27	29	14	6	14
3	14	28	34	36	60	32	41	26	29	14	6	14
4	15	30	31	40	65	30	42	26	30	14	4	13
5	15	31	32	41	60	32	39	29	28	14	5	13
6	15	28	35	41	52	32	37	33	27	14	4	12
7	16	30	38	41	49	34	36	37	28	14	4	13
8	17	39	40	40	51	38	35	37	26	13	4	13
9	18	39	41	39	47	42	34	38	26	12	21	13
10	18	42	40	35	46	40	33	37	24	13	20	14
11	18	40	41	30	45	41	32	36	23	11	13	14
12	18	43	42	25	45	42	32	35	22	11	12	13
13	18	48	40	25	43	38	32	34	22	10	12	13
14	18	48	36	25	42	36	31	33	23	8	13	13
15	19	48	45	23	42	34	38	37	57	7	13	14
16	19	48	43	22	42	36	38	40	52	7	19	14
17	20	49	35	16	43	39	29	38	44	7	505	14
18	20	48	34	24	42	45	29	39	35	6	108	14
19	21	45	38	23	44	50	29	44	31	5	42	14
20	21	42	45	20	41	50	28	44	28	4	29	14
21	29	40	40	19	36	52	28	48	25	4	28	14
22	25	36	26	19	33	55	28	47	23	4	30	14
23	33	38	20	19	41	51	29	45	22	5	29	14
24	32	40	33	16	42	48	29	40	21	4	28	14
25	30	42	29	17	40	46	28	37	20	4	26	14
26	30	46	33	21	44	44	25	35	18	4	24	14
27	32	44	31	21	44	44	26	34	17	4	21	13
28	30	45	28	22	42	43	27	33	15	3	20	13
29	30	45	29	25	----	42	28	31	48	2	18	12
30	30	44	29	32	----	41	28	30	18	2	17	12
31	29		31	40		40		30		2	16	
Mean	22	40	36	28	46	41	32	36	28	8	36	14
Max.	33	49	45	41	65	55	42	48	57	15	505	15
Min.	14	28	20	16	33	30	25	26	15	2	4	12
A.F.	1340	2380	2190	1710	2530	2530	1920	2200	1670	497	2190	803

Total acre-feet 22000

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, NORTH FORK, NEAR COLORADO-NEBRASKA STATE LINE
Sec. 10-1-42 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	33	70	78	71	63	60	33	27	8	8	9
2	19	35	71	74	70	60	53	57	45	7	8	10
3	22	35	74	73	70	58	54	40	29	7	8	10
4	22	38	74	76	68	60	54	42	27	7	8	11
5	23	46	73	78	66	64	50	36	24	15	9	30
6	25	53	76	80	65	68	50	32	15	8	10	15
7	26	52	74	74	66	70	49	32	15	7	10	10
8	26	57	76	78	68	68	44	33	14	6	9	12
9	24	56	76	80	65	71	46	34	13	6	9	11
10	23	53	78	80	70	71	29	36	11	6	9	11
11	28	53	78	78	70	68	20	35	11	6	8	10
12	30	53	74	76	60	73	22	35	11	7	9	9
13	27	52	76	76	65	50	21	28	9	6	9	8
14	27	52	73	78	68	75	16	25	8	7	9	10
15	31	65	78	73	70	83	14	22	12	8	8	10
16	33	62	76	74	65	80	16	22	10	8	49	15
17	33	66	76	71	59	76	17	44	10	7	491	18
18	34	65	76	78	60	74	16	30	10	8	85	15
19	32	70	78	73	62	65	16	30	10	8	40	14
20	35	72	80	55	63	66	15	36	9	8	33	13
21	44	74	78	55	62	68	21	38	8	8	32	17
22	40	76	76	60	53	70	19	21	9	13	21	18
23	39	78	73	70	59	74	11	20	8	11	20	16
24	39	78	74	68	62	74	9	20	7	10	17	26
25	39	74	73	66	62	70	8	18	8	37	14	30
26	39	76	70	66	56	65	9	19	7	12	12	28
27	39	74	74	70	54	68	9	35	7	11	11	32
28	36	73	70	68	59	63	9	29	7	10	11	32
29	35	73	71	73	----	57	11	28	7	10	10	32
30	36	68	74	73	----	60	21	52	8	13	9	34
31	33		76	68		62		27		10	8	
Mean	31	60	75	72	64	68	26	32	13	10	32	17
Max.	44	78	80	80	71	83	60	57	45	37	491	34
Min.	18	33	70	55	53	50	8	18	7	6	8	8
A.F.	1900	3590	4590	4440	3550	4150	1570	1960	783	582	1980	1020

Total acre-feet 30120

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, SOUTH FORK, NEAR COLORADO-KANSAS STATE LINE

Sec. 27-4S.-42 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	14	23	30	18	20	47	18	27	3	2	1
2	2	16	22	23	17	20	48	22	26	3	2	1
3	3	16	18	26	18	20	48	18	26	4	2	0
4	4	17	15	26	16	20	48	19	20	3	0	0
5	6	20	15	24	17	20	53	18	16	3	2	0
6	6	24	16	24	18	20	53	16	12	3	6	0
7	5	20	18	24	19	20	53	16	9	3	10	0
8	6	18	20	23	18	20	53	16	10	2	4	0
9	6	16	18	22	16	16	57	16	10	2	4	0
10	8	16	18	15	17	18	53	17	9	1	5	0
11	12	18	17	13	19	17	55	18	8	1	3	0
12	10	18	17	10	22	10	53	17	113	1	5	0
13	12	17	20	15	18	18	55	17	15	0	6	0
14	10	18	17	20	16	35	57	16	15	0	4	38
15	10	18	25	20	14	27	53	16	28	1	2	6
16	8	18	30	15	19	19	50	26	6	1	2	2
17	9	16	30	12	14	19	51	77	7	1	3	2
18	10	16	30	15	17	23	51	26	9	1	3	2
19	12	16	30	15	12	24	48	24	7	2	3	2
20	14	15	29	10	16	29	50	23	7	1	3	1
21	12	13	28	8	14	26	45	18	7	1	3	2
22	12	15	15	12	14	23	42	27	7	5	4	2
23	10	20	13	15	16	23	42	30	4	7	3	2
24	12	23	20	18	16	22	42	30	4	7	4	2
25	12	62	25	14	20	19	23	30	3	7	3	2
26	12	27	25	11	20	16	16	42	3	3	3	2
27	12	17	20	30	18	16	16	26	3	3	2	3
28	12	17	16	60	18	14	16	24	6	2	2	3
29	12	18	18	34	....	19	16	24	5	2	2	3
30	12	22	20	20	....	38	14	24	4	1	2	10
31	12	....	25	19	....	51	....	26		2	2	....
Mean	9	19	21	20	17	22	44	24	14	2	3	3
Max.	14	62	30	60	22	51	57	77	113	7	10	38
Min.	2	13	13	8	12	10	14	16	3	0	0	0
A.F.	564	1150	1300	1240	946	1350	2590	1460	840	152	199	172

Total acre-feet 11960

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR BENKELMAN

Sec. 19-1-37 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	52	96	96	96	105	114	66	72	1	1	1
2	11	52	91	102	128	60	110	91	101	0	1	1
3	12	50	74	103	153	80	105	105	82	0	0	1
4	14	63	109	102	156	110	101	114	67	0	0	0
5	18	71	112	99	139	110	100	105	56	0	0	0
6	20	88	92	95	139	90	89	89	48	0	0	0
7	22	89	97	92	129	116	80	76	35	0	1	1
8	24	86	109	86	125	112	71	68	30	0	2	0
9	27	100	97	90	127	117	68	62	30	0	3	0
10	29	96	106	82	121	127	66	58	24	0	1	0
11	32	91	108	90	114	129	68	63	16	0	0	0
12	33	88	90	78	110	130	67	67	12	0	0	0
13	35	89	110	74	112	100	68	66	10	0	0	0
14	37	93	89	89	112	130	67	58	9	0	0	1
15	39	89	105	80	112	175	58	56	9	0	0	2
16	42	93	115	57	107	152	52	55	6	0	0	3
17	45	89	108	41	117	121	45	83	7	0	84	5
18	48	89	109	48	117	121	41	121	8	0	257	6
19	48	85	123	45	119	121	40	123	13	0	83	6
20	47	95	126	45	98	117	46	103	20	0	50	9
21	57	90	117	50	88	127	50	89	15	0	38	14
22	59	100	62	53	96	112	48	74	10	0	27	17
23	62	107	75	53	100	108	49	58	7	3	20	22
24	61	108	80	54	107	119	44	56	4	4	15	25
25	59	106	82	56	108	117	42	57	3	5	10	28
26	57	83	73	54	107	112	39	56	2	3	6	33
27	61	86	75	55	112	112	45	67	1	3	3	37
28	63	93	84	59	103	117	46	70	3	1	2	45
29	59	98	89	62	.....	114	48	63	3	0	1	67
30	57	91	89	69	.....	114	54	58	3	0	0	48
31	54	....	91	83	.....	119	....	63	..	0	1	....
Mean	40	87	96	72	116	116	64	76	24	1	20	12
Max.	63	108	126	103	156	175	114	123	101	5	257	67
Min.	9	50	62	41	88	60	39	55	1	0	0	0
A.F.	2460	5180	5920	4450	6450	7130	3810	4640	1400	39	1200	733

Total acre-feet 43410

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, SOUTH FORK, NEAR BENKELMAN
Sec. 31-1-37 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	4	3	80	17	42	16	18	0	0	0
2	0	0	5	3	50	14	46	31	60	0	0	0
3	0	0	2	3	45	8	42	44	33	0	0	0
4	0	0	0	3	44	10	40	40	19	0	0	0
5	0	0	0	3	36	15	42	34	11	0	0	0
6	0	0	0	3	31	35	44	29	5	0	0	0
7	0	0	0	3	24	30	42	19	0	0	0	0
8	0	0	0	3	26	28	44	18	0	0	0	0
9	0	0	0	2	28	24	44	16	0	0	0	0
10	0	0	2	1	23	24	50	16	0	0	0	0
11	0	0	5	1	19	23	50	23	0	0	0	0
12	0	0	5	1	16	19	46	28	0	0	0	0
13	0	0	6	2	24	15	42	26	700	0	0	0
14	0	0	5	2	28	16	42	19	149	0	0	0
15	0	0	6	2	20	21	40	16	69	0	0	306
16	0	0	7	2	13	46	36	14	59	0	1	20
17	0	0	10	4	15	33	38	68	46	0	103	0
18	0	0	10	4	19	24	38	112	38	0	0	0
19	0	0	22	2	18	19	36	57	34	0	0	0
20	0	0	33	1	12	26	36	34	54	0	0	0
21	0	0	37	1	14	26	40	24	43	0	0	0
22	0	0	14	1	26	24	38	16	19	0	0	0
23	0	0	3	2	20	24	36	12	8	0	0	0
24	0	0	5	2	19	29	34	13	1	0	0	0
25	0	0	3	2	20	31	31	15	0	0	0	0
26	0	0	2	1	19	28	31	16	0	0	0	0
27	0	60	3	2	18	24	23	22	0	0	0	0
28	0	26	3	5	18	24	18	29	0	0	0	0
29	0	5	3	20	----	22	13	18	0	0	0	0
30	0	6	3	40	----	22	10	13	0	0	0	0
31	0	..	3	60	..	28	..	10	..	0	0	..
Mean	0	3	6	6	26	24	37	27	46	0	3	11
Max.	0	60	37	60	80	46	50	112	700	0	103	306
Min.	0	0	0	1	12	8	10	10	0	0	0	0
A.F.	0	191	398	372	1440	1450	2210	1680	2710	0	205	647

Total acre-feet 11300

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR STRATTON
Sec. 13-2-35 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	28	91	117	275	91	119	67	35	0	0	0
2	0	26	87	117	337	60	133	106	248	0	0	0
3	0	26	64	124	350	70	128	138	147	0	0	0
4	0	32	38	130	195	75	128	152	76	0	0	0
5	0	43	52	146	110	120	128	142	49	0	0	0
6	0	61	80	150	119	90	128	114	30	0	0	0
7	0	95	105	163	119	133	119	64	28	0	0	0
8	0	76	83	157	128	138	114	41	26	0	0	0
9	0	73	114	130	172	138	106	50	19	0	0	0
10	0	67	96	66	167	138	110	64	15	0	0	0
11	0	61	88	68	147	156	103	76	10	0	0	0
12	0	61	94	64	126	130	110	91	5	0	0	0
13	0	58	86	100	133	90	99	104	291	0	0	0
14	0	61	99	80	142	128	95	95	277	0	0	0
15	0	73	78	84	142	183	87	91	106	0	0	0
16	0	76	68	87	138	183	76	91	50	0	0	3
17	0	80	70	76	133	206	64	156	30	0	126	0
18	0	64	73	42	142	156	58	236	30	0	218	0
19	0	57	91	34	152	138	58	236	30	0	128	0
20	0	20	130	29	119	128	58	172	70	0	22	0
21	0	41	144	33	123	147	67	123	45	0	0	0
22	0	44	64	38	123	147	61	91	29	0	0	0
23	0	54	50	41	119	152	64	67	10	0	0	0
24	0	103	83	44	119	167	64	53	0	0	0	0
26	2	162	106	55	87	167	58	52	0	0	0	0
26	12	230	108	64	87	156	55	79	0	0	0	0
27	22	138	105	63	76	142	46	67	0	0	0	0
28	28	119	100	63	76	123	58	52	0	0	0	0
29	28	95	98	68	----	119	52	41	0	0	0	0
30	32	91	105	84	----	103	49	30	0	0	0	0
31	30	..	108	133	..	110	..	20	..	0	0	..
Mean	5	74	89	86	148	132	86	96	55	0	16	0
Max.	32	230	144	163	350	206	133	236	291	0	218	3
Min.	0	20	38	29	76	60	46	20	0	0	0	0
A.F.	305	4390	5470	5260	8250	8100	5150	5870	3280	0	980	6

Total acre-feet 47060

SWANSON LAKE STORAGE IN ACRE-FEET
From Republican River—Sec. 5-2-33 W.
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	3206	6475	9695	13820	20860	26626	29316	34190	34630	30362	26930
2	.....	3238	6598	9875	14400	20860	26776	29360	34485	34460	30293	26710
3	.....	3271	6695	9875	15280	20860	26972	29590	34776	34360	30086	26668
4	.....	3303	6815	9998	15830	20955	27140	29820	34925	34190	29864	26647
5	.....	3335	6815	10240	16230	21230	27300	29996	34925	34238	29705	26217
6	.....	3401	6894	10454	16560	21500	27470	30155	34925	33925	29590	25965
7	.....	3535	6960	10576	16800	21677	27536	30224	35050	33850	29544	25713
8	.....	3603	7140	10914	17050	21905	27580	30224	34925	33700	29316	25540
9	.....	3672	7295	11200	17300	22100	27712	30360	34875	33700	29250	25330
10	.....	3741	7470	11460	17470	22295	27800	30380	34656	33700	29025	25125
11	.....	3811	7580	11590	17725	22490	27910	30500	34656	33610	28956	24852
12	.....	3883	7728	11616	17946	22590	28020	30620	34510	33520	28800	24705
13	.....	3912	7890	11720	18150	22742	28130	30730	35175	33330	28734	24500
14	.....	4027	7995	11790	18330	22780	28280	30850	35800	33140	28644	24232
15	.....	4101	8147	11860	18554	22980	28350	31080	36050	32950	28552	24070
16	.....	4175	8298	11990	18765	23280	28200	31315	36125	32760	28552	23990
17	.....	4250	8485	12130	18994	23580	28420	31900	36125	32570	28778	23990
18	.....	4403	8662	12130	19192	23880	28460	32260	36050	32380	28800	23780
19	.....	4550	8820	12200	19318	23990	28510	32620	35800	32140	29025	23380
20	.....	4717	8930	12200	19498	24190	28640	32860	36025	32020	29025	23140
21	.....	4747	9162	12200	19640	24500	28690	32980	36050	32040	28956	22880
22	.....	4747	9162	12270	19770	24850	28800	33100	35975	31780	28910	22742
23	.....	4838	8990	12340	19930	25125	28870	33100	35975	31720	28910	22490
24	.....	4904	8990	12410	20220	25430	29020	33264	35725	31620	28866	22333
25	.....	5085	8965	12540	20170	25540	29094	33316	35550	31430	28734	22200
26	.....	5428	8990	12638	20540	25755	29184	33388	35425	31292	28506	22330
27	.....	5735	9048	12708	20480	25860	29184	33700	35175	31177	28284	22200
28	.....	5960	9128	12820	20760	26028	29184	33895	35025	31016	28108	22100
29	.....	6145	9220	12895	.....	26175	29184	33945	34925	30850	27844	21905
30	.....	6314	9316	12970	.....	26324	29184	34070	34800	30730	27620	21770
31	.....	.....	9398	13040	.....	26500	.....	34118	.....	30523	27184	.....

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR TRENTON
Sec. 2-2-32 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	17	8	1	16	11	18	21	56	336
2	0	0	2	16	12	0	15	12	20	28	56	132
3	0	0	14	15	5	0	15	11	11	32	52	7
4	0	0	1	12	6	0	15	13	11	32	52	61
5	0	0	0	13	4	1	15	16	10	30	52	103
6	0	0	0	15	3	4	13	18	9	30	48	106
7	0	0	0	15	4	2	15	18	8	30	46	110
8	0	0	0	16	4	2	12	18	8	37	43	52
9	0	0	0	16	4	1	16	17	8	54	44	61
10	0	0	0	12	3	1	13	13	7	42	38	83
11	0	0	0	16	3	4	12	10	12	40	38	80
12	0	0	0	19	5	9	15	9	54	34	42	80
13	0	0	0	16	5	8	7	8	49	40	52	80
14	0	0	0	15	4	9	6	8	16	32	53	70
15	0	0	0	8	3	8	8	24	19	38	47	45
16	0	0	0	10	4	8	8	18	7	45	37	67
17	0	0	4	8	4	8	6	48	8	37	63	58
18	0	0	1	10	4	9	6	12	13	45	0	93
19	0	0	5	15	5	10	6	10	8	47	0	114
20	0	0	8	14	7	10	6	9	3	44	0	83
21	0	0	107	12	4	11	7	8	2	45	0	78
22	0	0	350	7	4	11	6	8	3	66	0	78
23	0	0	110	1	4	16	6	10	13	61	0	78
24	0	0	99	0	3	16	5	9	23	54	0	76
25	0	0	92	0	5	13	6	10	26	45	17	41
26	0	0	66	0	4	13	6	25	40	45	92	56
27	0	0	40	0	2	13	5	19	35	45	92	61
28	0	0	40	10	2	13	4	11	32	47	96	63
29	0	0	35	15	..	13	4	10	28	53	96	61
30	0	0	37	6	..	11	3	10	13	56	99	58
31	0	..	28	10	..	15	..	10	...	54	132	...
Mean	0	0	34	11	4	8	9	14	17	42	46	82
Max.	0	0	350	19	12	16	16	48	54	66	132	336
Min.	0	0	0	0	2	0	3	8	2	21	0	7
A.F.	0	0	2060	673	250	476	545	855	1020	2600	2860	4900

Total acre-feet 16240

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR CAMBRIDGE
Sec. 28-4-25 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	38	58	138	171	191	180	206	108	194	84	175	88
2	37	59	141	189	320	150	175	135	210	84	158	90
3	39	61	94	202	436	130	172	123	226	86	144	100
4	41	72	74	181	478	125	178	126	226	90	135	102
5	42	80	99	178	384	150	182	129	206	94	168	102
6	42	100	104	177	262	185	182	128	202	97	178	92
7	43	125	118	178	244	194	172	110	186	102	172	90
8	34	150	115	173	231	202	164	132	147	110	168	84
9	30	147	122	187	231	206	154	135	112	135	172	74
10	27	123	123	100	236	202	147	141	94	161	168	62
11	27	120	119	111	226	202	147	168	76	172	158	56
12	27	117	150	117	218	194	144	190	69	182	150	51
13	27	117	154	87	218	160	141	164	58	282	129	46
14	27	117	163	103	214	170	129	144	52	226	110	36
15	27	120	152	86	214	190	135	144	124	231	104	31
16	27	126	172	64	206	198	141	186	141	244	102	31
17	27	132	186	59	172	198	132	186	120	249	225	30
18	26	138	185	55	210	202	120	339	123	254	606	29
19	9	144	170	60	222	206	107	396	82	267	173	29
20	20	144	172	68	218	218	117	361	61	262	386	30
21	31	110	155	68	214	222	114	334	56	302	76	60
22	32	105	77	68	210	236	126	287	53	307	58	66
23	34	147	52	72	202	236	110	277	66	302	54	66
24	41	175	63	77	214	236	97	272	61	277	51	66
25	52	182	99	82	210	231	97	254	67	282	44	62
26	61	168	115	83	214	222	90	249	70	292	38	66
27	78	154	137	82	206	214	82	249	72	277	34	66
28	80	147	152	82	198	210	69	262	80	317	33	66
29	78	147	172	90	.....	210	69	240	86	182	33	56
30	69	144	163	102	.....	210	78	210	84	154	61	56
31	61	...	166	122	...	214	...	194	...	164	69	...
Mean	40	124	132	112	243	197	133	206	113	202	140	63
Max.	80	182	186	202	478	236	206	396	226	317	606	102
Min.	9	58	52	55	172	125	69	108	52	84	33	29
A.F.	2450	7400	8140	6890	3490	12110	7890	12640	6750	12430	8590	3730

Total acre-feet 102510

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR ORLEANS
Sec. 19-2-19 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	18	129	151	76	210	218	131	205	0	40	2
2	0	18	131	161	96	165	210	229	197	0	40	1
3	0	16	134	161	138	110	197	207	187	0	26	1
4	0	28	88	173	230	100	183	178	175	0	14	0
5	0	47	86	183	380	125	180	160	180	0	5	0
6	0	44	70	179	365	225	180	153	160	0	7	0
7	0	30	71	166	320	235	169	143	141	0	34	0
8	0	25	69	147	310	231	164	125	133	0	42	1
9	0	55	92	146	281	215	153	116	120	0	45	3
10	0	100	107	117	254	213	147	123	94	0	37	2
11	0	125	113	118	248	210	139	118	63	0	50	1
12	0	110	110	110	245	210	143	116	50	0	27	0
13	0	107	128	85	245	170	145	131	38	0	29	0
14	0	105	123	80	254	175	147	135	28	0	31	1
15	0	104	140	80	248	210	149	135	112	0	144	1
16	0	105	135	70	245	213	141	446	102	0	241	2
17	0	105	129	64	243	213	164	1160	75	0	241	0
18	0	104	118	67	231	202	147	547	86	0	821	0
19	0	102	109	62	215	205	135	502	66	0	353	0
20	0	90	86	51	218	207	129	437	60	0	360	0
21	0	80	75	47	333	213	129	398	47	0	145	0
22	0	70	42	46	269	218	133	365	34	0	188	0
23	0	94	48	49	243	222	131	323	23	0	88	0
24	0	97	62	47	226	243	137	278	14	0	86	0
25	0	123	62	47	226	254	123	257	8	24	135	0
26	0	137	71	50	218	231	112	254	4	30	35	0
27	0	137	87	48	218	231	107	248	2	34	19	0
28	0	133	104	46	213	229	114	245	1	44	13	0
29	0	129	122	48	....	215	102	231	0	131	7	0
30	2	129	135	53	....	220	100	254	0	67	4	0
31	14	...	145	60	...	220	...	220	...	45	7	...
Mean	1	86	101	94	242	205	148	270	80	12	107	1
Max.	14	137	145	183	380	254	218	1160	205	131	821	3
Min.	0	16	42	46	76	100	100	116	0	0	4	0
A.F.	32	5090	6190	5780	13460	12580	8780	16590	4770	746	6570	28

Total acre-feet 80620

HARLAN COUNTY RESERVOIR STORAGE IN ACRE-FEET

From Republican River—Sec. 2, 11 and 14-1-17 W.

Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	113400	110300	116600	122300	127500	143800	154400	161700	190200	188400	163000	163000
2	112700	110300	116600	122300	128200	144600	154400	163400	190700	187400	162100	162600
3	112400	110300	117300	122300	128200	144600	155300	163900	190700	186500	161300	162100
4	112700	110300	118000	123000	128200	144600	155300	163900	190200	186500	160400	161700
5	112700	110300	118000	123700	129000	144600	156100	164700	190200	185500	159500	161300
6	112400	110300	118000	124500	132000	145400	156100	164700	191200	184600	158700	160400
7	112400	111000	118000	124500	132000	145400	156100	164700	191200	184600	158700	160300
8	112400	111000	118000	124500	132700	146200	156100	164700	191200	183700	158700	159500
9	112400	111000	118000	124500	133500	146200	156100	165600	191200	182700	158300	162100
10	112400	111690	118300	125200	134300	147000	157000	165600	191600	181800	157400	162600
11	112400	111000	118000	125200	134300	147000	157000	165600	192100	180900	156100	162800
12	112400	111000	118700	126000	135100	147800	157000	165600	192100	180000	156100	162100
13	112400	111690	118700	126000	135100	148600	157000	165600	192100	179100	156100	162100
14	111700	112400	118700	126700	135800	148600	157800	165600	192100	178200	155700	162100
15	111000	112400	118700	126700	136600	148600	157800	166500	192100	177300	154900	161300
16	111000	112400	119400	126700	137400	148600	158700	167400	192100	176300	154400	161300
17	111000	112400	119400	126700	137400	149400	158700	168300	192100	175400	156100	161300
18	111000	113100	119400	126700	138200	149400	158700	171000	193100	174500	157400	160800
19	111000	113100	119400	127500	138200	150300	158700	172700	193100	174500	161300	160400
20	111000	113800	120100	127500	139700	149400	158700	173600	193100	173600	163000	160400
21	111000	113800	120100	127500	140500	149400	159600	176300	193100	171800	163900	160000
22	110300	113800	120100	127500	140500	150300	159600	177300	193100	170900	164700	158700
23	110300	114470	120500	127500	141300	150300	160400	179100	193100	170000	164300	158700
24	110300	114470	120900	127500	142100	151100	161300	180000	193100	169200	165600	158300
25	110300	114470	120900	127500	142100	151900	161300	180900	192100	168300	165600	152400
26	110300	115200	120900	127500	142900	151900	161300	181800	191200	167400	165200	157800
27	110300	115200	120900	127500	142900	151900	161300	182700	190200	166500	165200	152400
28	110300	115200	121600	127500	143800	152800	161700	183700	189300	164700	164700	157400
29	110300	115900	121600	127500	.....	153600	161700	185500	189300	164700	164300	157400
30	110300	116600	121600	127500	.....	153600	162100	188300	188400	163800	163800	156500
31	110300	.....	122300	127500	.....	153600	.....	189300	.....	163000	163600	.....

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER BELOW HARLAN COUNTY DAM

Sec. 6-1-16 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	47	4	6	7	8	8	7	41	29	173	330	104
2	46	4	7	7	10	6	7	40	30	173	330	102
3	39	4	14	7	9	7	7	29	30	183	336	102
4	29	10	10	7	9	8	7	10	32	180	336	100
5	29	12	7	7	9	8	7	8	32	176	336	100
6	28	10	6	7	9	8	7	7	32	186	336	100
7	28	10	6	7	11	8	7	7	32	214	342	109
8	25	9	6	7	9	8	7	6	30	225	317	164
9	24	7	7	6	8	8	7	7	29	261	266	151
10	24	6	7	7	8	8	7	7	28	305	217	102
11	24	7	7	8	8	8	7	6	28	299	195	109
12	23	6	7	8	8	8	7	7	26	292	170	124
13	23	6	7	7	8	8	7	8	28	286	158	124
14	24	10	8	6	8	6	6	11	29	286	139	124
15	24	7	7	6	8	7	7	23	29	280	142	111
16	28	7	7	5	8	7	12	26	28	280	139	102
17	26	7	7	5	8	7	9	24	26	305	102	81
18	25	7	8	5	8	7	7	25	28	323	14	56
19	25	7	7	5	9	7	8	25	34	317	12	78
20	24	7	7	4	18	8	9	25	34	317	16	100
21	29	6	6	4	11	8	12	24	34	317	41	100
22	20	6	4	4	10	8	9	29	68	357	80	100
23	9	7	4	4	9	8	11	33	147	336	107	100
24	7	6	5	4	8	9	28	26	144	336	104	100
25	6	6	5	4	8	8	30	28	182	336	104	100
26	6	6	7	4	8	8	30	32	242	330	104	100
27	6	6	8	4	8	7	30	32	202	305	107	100
28	6	6	8	4	8	7	32	30	183	305	107	76
29	6	6	8	5	..	8	32	29	173	311	107	55
30	5	6	7	6	..	8	33	30	173	311	109	55
31	4	...	7	7	...	9	...	29	.....	311	109	.....
Mean	22	7	7	5	9	8	13	21	71	278	171	101
Max.	47	12	14	8	18	9	33	41	242	357	342	164
Min.	4	4	4	4	8	6	6	6	26	173	12	55
A.F.	1330	410	436	351	495	477	787	1320	4250	17090	10540	6010

Total acre-feet 43500

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. 8-1-15 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	59	12	18	43	35	27	24	68	88	138	306	106
2	57	12	23	32	36	15	22	98	86	141	290	103
3	53	10	41	23	53	20	21	61	77	156	282	103
4	44	21	32	24	56	30	22	37	64	159	274	100
5	37	23	29	22	42	37	22	27	55	159	278	98
6	34	20	28	21	40	33	21	27	45	156	286	103
7	34	40	27	20	33	32	20	22	41	190	323	106
8	33	47	22	19	35	28	20	21	41	210	332	137
9	32	34	22	16	32	26	21	21	48	223	318	338
10	30	26	37	18	29	24	21	23	40	282	259	135
11	30	24	26	13	28	24	22	21	35	278	237	116
12	29	24	23	12	34	24	22	22	37	274	206	133
13	29	23	23	10	30	26	21	18	37	267	190	133
14	29	23	20	10	29	28	21	19	38	267	165	135
15	30	22	24	10	29	24	21	31	50	263	159	138
16	40	20	20	9	28	24	23	152	50	278	159	124
17	40	20	20	10	27	23	26	48	40	263	462	110
18	35	19	20	12	26	22	24	45	37	314	134	73
19	34	33	21	13	27	21	24	67	44	318	55	73
20	33	25	20	12	55	21	27	37	42	314	50	103
21	47	21	19	11	50	22	47	34	47	318	59	106
22	44	20	11	11	35	23	38	33	42	336	96	106
23	26	26	12	11	32	22	34	103	102	349	121	103
24	21	22	18	11	30	27	42	62	113	323	124	103
25	21	19	29	12	28	26	52	52	110	327	119	103
26	18	19	26	13	29	23	53	53	171	323	116	103
27	18	18	26	13	29	22	50	376	177	290	113	103
28	17	18	24	14	27	21	50	99	153	274	113	103
29	17	17	26	16	....	23	52	90	147	274	113	68
30	15	18	26	19	....	27	53	119	141	274	110	66
31	14	....	37	25	....	27	....	103	....	274	108	....
Mean	32	22	24	16	34	25	30	64	73	258	192	114
Max.	59	47	41	43	56	37	53	376	177	349	462	338
Min.	14	10	11	9	26	15	20	18	35	138	50	66
A.F.	1980	1340	1490	1000	1910	1530	1820	3950	4360	15890	11820	6810

Total acre-feet 53900

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR GUIDE ROCK Sec. 7-1-9 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	30	52	82	96	91	90	77	95	309	65	60	50
2	35	54	88	102	108	75	77	201	161	52	80	44
3	30	54	220	93	127	70	75	224	99	40	82	38
4	67	93	206	104	151	70	72	141	90	40	48	33
5	50	93	141	99	148	75	75	90	75	46	38	22
6	42	77	107	104	165	85	75	65	60	38	50	18
7	40	74	102	102	122	96	72	60	52	32	132	24
8	40	104	96	102	119	88	68	54	52	8	155	40
9	40	82	82	88	110	85	68	48	73	32	201	96
10	40	99	80	84	102	82	68	33	141	42	186	212
11	40	90	88	51	96	82	65	27	58	58	165	242
12	38	80	85	57	88	82	68	27	48	80	126	97
13	38	75	90	60	93	77	65	33	46	63	126	56
14	42	75	80	53	96	77	63	35	47	46	107	75
15	44	72	82	44	96	80	63	38	77	35	93	107
16	56	70	75	44	90	82	58	88	75	38	90	138
17	448	70	80	44	90	82	56	154	60	35	227	119
18	142	70	75	39	90	80	52	144	38	38	604	88
19	75	134	80	37	99	80	46	60	25	38	599	65
20	63	132	85	35	99	77	44	54	15	52	116	33
21	70	122	80	35	113	80	82	44	11	56	35	21
22	70	102	50	38	129	80	80	38	12	63	47	58
23	72	102	60	38	122	80	85	1610	15	93	110	68
24	65	104	80	37	107	85	77	543	20	110	70	54
25	58	99	95	38	99	88	75	137	30	102	68	60
26	52	88	100	37	99	85	75	60	50	88	46	72
27	50	82	85	37	99	80	70	1070	52	88	50	72
28	50	82	73	42	90	77	70	796	104	85	42	77
29	50	68	70	45	....	65	56	332	88	54	44	65
30	50	77	84	54	....	72	65	182	75	36	58	54
31	50	....	88	67	....	77	....	190	....	24	58	....
Mean	66	86	93	62	108	80	68	215	69	54	126	73
Max.	448	134	220	104	165	96	85	1610	309	110	604	242
Min.	30	52	50	35	88	65	44	27	11	8	35	18
A.F.	4040	5110	5730	3780	6030	4930	4050	13240	4080	3330	7760	4360

Total acre-feet 66440

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR HARDY
Sec. 6-15-5 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	66	60	83	90	70	101	90	151	220	79	87	77
2	60	58	135	95	100	87	92	402	335	72	107	69
3	56	56	380	100	110	69	92	345	196	65	101	61
4	52	70	380	105	130	77	92	290	132	48	87	48
5	50	89	201	110	150	82	92	196	107	41	65	37
6	63	92	173	120	270	90	92	142	95	54	56	32
7	58	106	145	130	208	107	85	128	107	56	196	30
8	52	112	135	132	153	110	85	107	215	37	250	29
9	50	125	125	100	132	107	79	101	300	25	228	54
10	48	112	115	50	125	107	79	92	132	30	228	74
11	43	119	106	50	113	107	77	101	128	25	228	122
12	43	115	109	55	100	104	77	74	82	43	204	200
13	39	103	103	55	95	101	77	54	85	61	172	122
14	37	100	106	60	107	92	77	56	101	65	176	79
15	35	98	100	50	101	95	74	54	180	39	142	79
16	108	78	106	45	98	101	72	217	232	39	132	90
17	150	80	106	45	95	104	69	250	119	27	142	113
18	528	86	109	45	92	101	67	208	87	25	208	110
19	209	132	106	45	110	98	65	255	61	35	340	92
20	109	470	106	40	139	101	65	142	48	30	566	79
21	95	266	100	40	128	95	90	110	39	22	228	65
22	89	173	70	40	139	95	132	110	43	43	136	54
23	89	145	70	40	142	95	113	98	29	54	156	48
24	86	122	75	40	142	98	113	1630	24	77	150	58
25	86	122	75	40	128	95	101	664	21	110	122	61
26	83	119	80	40	125	95	92	290	17	116	104	67
27	78	103	80	45	116	92	113	204	34	95	85	77
28	76	92	80	50	110	90	113	1220	56	92	77	82
29	73	95	90	50	.....	85	110	754	77	107	72	92
30	70	95	90	50	.....	82	110	450	95	101	74	87
31	66	....	90	55	....	87	....	245	....	54	82	....
Mean	89	120	124	65	126	95	90	295	113	57	161	76
Max.	528	470	380	132	270	110	132	1630	335	116	566	200
Min.	35	56	70	40	70	69	65	54	17	22	56	29
A.F.	5450	7130	7590	3990	7000	5850	5330	18130	6740	3500	9920	4540

Total acre-feet 85170

DISCHARGE IN SECOND-FEET OF ROCK CREEK NEAR PARKS
Sec. 21-1-39 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	14	16	15	15	15	14	14	14	11	13	12
2	13	14	16	15	16	15	14	16	14	11	13	12
3	13	14	16	15	15	16	13	15	13	12	13	12
4	13	15	18	15	15	16	13	15	13	12	13	12
5	14	16	17	15	15	15	13	15	13	12	13	12
6	14	17	17	15	15	15	12	15	13	12	14	12
7	14	17	17	15	15	14	13	14	13	11	14	12
8	14	16	17	15	15	14	12	14	13	11	14	12
9	14	16	17	15	15	14	13	14	13	11	14	12
10	14	16	17	15	16	15	13	14	13	11	14	12
11	14	16	18	14	16	15	14	14	13	11	13	12
12	14	15	17	16	16	15	14	15	13	11	14	12
13	13	16	18	15	16	15	15	14	13	10	14	12
14	13	16	18	15	16	15	16	14	14	10	14	12
15	14	15	17	13	16	15	16	14	15	11	13	12
16	14	15	17	14	16	15	15	15	15	11	13	13
17	14	16	16	15	16	15	15	18	14	11	17	13
18	14	16	17	15	16	15	14	19	13	11	16	12
19	14	15	17	14	14	15	15	18	14	11	15	12
20	14	16	17	14	15	15	15	17	15	11	14	12
21	16	15	16	13	14	15	16	16	14	11	13	13
22	15	16	17	15	14	15	15	15	13	12	13	13
23	14	17	17	15	14	15	15	15	13	12	13	13
24	15	17	18	15	14	15	14	14	12	13	13	13
25	15	17	17	16	14	16	14	14	12	13	13	12
26	14	17	16	17	15	14	14	15	12	13	13	13
27	14	17	15	15	15	13	15	16	12	13	12	13
28	14	17	15	15	15	13	14	14	12	13	13	14
29	14	16	15	15	....	13	14	13	12	13	13	13
30	14	16	14	15	....	13	14	13	11	12	13	13
31	14	....	15	15	....	14	....	13	....	12	12	....
Mean	14	16	17	15	15	15	14	15	13	12	14	12
Max.	16	17	18	17	16	16	16	19	15	13	17	14
Min.	13	14	14	13	14	13	12	13	11	10	12	12
A.F.	859	944	1020	914	841	902	841	916	781	712	831	738

Total acre-feet 10300

DISCHARGE IN SECOND-FEET OF SALT CREEK NEAR LINCOLN
Sec. 12-10-6 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	34	26	45	47	41	64	48	256	69	77	350	96
2	35	27	48	45	40	64	50	1960	266	1780	588	84
3	34	27	183	42	45	51	48	1400	129	365	420	78
4	32	35	153	42	47	50	45	220	162	117	109	75
5	32	30	140	47	51	48	47	113	75	75	71	62
6	34	31	66	47	59	47	48	84	50	75	326	61
7	32	38	51	44	50	59	58	73	48	68	1100	62
8	34	32	54	45	50	59	50	59	50	58	1810	62
9	34	33	48	44	50	61	44	53	1640	65	1160	80
10	32	33	48	38	51	53	51	58	1870	410	165	62
11	32	27	42	40	33	54	78	54	391	193	132	61
12	32	34	42	37	41	66	75	53	150	88	71	47
13	32	34	42	38	56	59	53	53	104	61	68	44
14	34	37	42	35	54	50	45	50	109	58	100	44
15	32	41	45	38	59	42	51	50	129	53	58	44
16	32	42	38	37	54	42	45	48	162	44	71	51
17	32	42	37	34	58	48	38	54	6850	40	512	48
18	73	65	37	38	53	68	38	83	2970	33	438	48
19	73	283	35	40	138	61	47	66	742	40	216	44
20	35	153	38	44	186	54	48	58	241	44	115	42
21	35	117	48	41	98	48	121	58	200	44	539	47
22	33	84	41	41	111	51	82	48	259	42	1130	47
23	31	69	41	41	88	48	77	299	200	42	3620	44
24	28	56	41	38	78	54	59	274	127	34	2770	48
25	44	53	40	45	84	58	48	145	109	37	776	47
26	37	42	44	42	73	50	56	90	102	44	220	44
27	30	47	41	38	73	50	53	61	90	47	187	50
28	30	77	44	40	64	50	44	113	92	47	171	50
29	30	44	42	40	....	53	84	540	86	45	113	50
30	31	44	42	41	....	48	285	132	78	44	104	51
31	30		42	42		48		69		51	94	
Mean	36	57	55	41	67	54	64	215	585	136	568	56
Max.	73	283	183	47	186	68	285	1960	6850	1780	3620	96
Min.	28	26	35	34	33	42	38	48	48	33	58	42
A.F.	2180	3380	3370	2520	3740	3290	3800	13240	34810	8370	34920	3320

Total acre-feet 116940

DISCHARGE IN SECOND-FEET OF SALT CREEK NEAR ROCA
Sec. 17-8-7 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	2	2	5	6	4	6	35	168	5	585	13
2	2	2	5	4	6	7	6	1250	55	5	1130	11
3	2	3	21	5	6	6	6	235	194	3	22	11
4	2	3	62	6	7	5	5	29	24	4	8	9
5	2	3	21	6	7	8	6	19	14	4	4	8
6	2	2	16	6	8	6	6	16	11	4	587	7
7	1	2	7	6	8	6	5	13	10	4	2580	6
8	2	3	7	6	8	7	5	10	10	4	2540	6
9	1	4	4	4	9	6	4	11	1990	3	208	8
10	1	4	5	3	8	6	41	10	421	253	28	9
11	1	2	4	3	7	6	11	9	30	49	23	7
12	1	3	7	3	6	7	10	9	20	8	32	8
13	2	3	6	3	7	7	7	8	17	5	22	7
14	2	5	6	3	7	6	6	8	15	5	16	7
15	2	4	5	3	10	8	5	6	15	4	16	6
16	2	1	5	2	8	7	5	9	17	3	67	8
17	7	3	5	2	3	6	7	10	1790	4	70	8
18	4	2	5	2	9	6	6	8	1090	4	121	13
19	3	18	5	2	6	8	6	11	32	4	46	14
20	3	25	5	2	22	6	6	9	12	3	20	6
21	2	6	5	2	17	6	20	8	19	3	65	6
22	2	5	4	2	14	5	17	6	26	3	1980	5
23	2	3	4	1	13	6	8	35	11	3	3430	5
24	2	6	4	1	17	6	8	111	10	2	1530	6
25	2	7	5	1	16	6	8	11	8	3	98	5
26	2	4	6	1	9	6	9	9	2	3	35	6
27	2	3	6	1	8	7	7	8	5	3	27	6
28	2	3	5	2	6	6	7	608	7	3	22	5
29	2	3	6	3	..	6	6	399	6	2	19	6
30	2	2	5	5	..	6	186	29	6	1	17	5
31	2		5	5	..	6	....	23		1	14	
Mean	2	5	8	3	9	6	14	96	201	13	496	8
Max.	7	25	62	6	22	8	186	1250	1990	253	3430	14
Min.	1	1	2	1	3	4	4	6	2	1	4	5
A.F.	128	273	506	200	612	384	865	5870	11970	802	30470	444

Total acre-feet 52420

DISCHARGE IN SECOND-FEET OF SALT CREEK NEAR ASHLAND
Sec. 31-13-10 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	78	88	108	95	112	111	106	290	328	97	190	135
2	78	97	106	100	120	85	100	2270	188	218	249	120
3	76	103	193	114	140	71	106	2390	520	1260	662	135
4	66	88	383	108	170	64	103	830	244	198	208	138
5	71	94	302	120	200	106	103	278	233	127	108	108
6	66	97	198	108	218	175	111	212	146	106	111	106
7	81	91	150	111	170	175	117	166	117	108	625	106
8	78	86	117	100	150	153	114	142	124	97	1580	108
9	84	88	91	78	202	138	114	135	900	86	1810	175
10	78	94	64	81	153	138	108	127	1980	261	543	120
11	84	103	97	97	142	138	108	120	1020	244	157	120
12	84	94	86	106	157	131	146	127	218	127	127	117
13	91	100	86	111	142	131	157	127	117	120	108	106
14	94	106	100	111	146	135	106	111	100	97	124	108
15	81	103	97	108	146	233	106	114	111	88	114	114
16	76	100	71	127	157	131	106	696	150	88	127	120
17	94	100	84	111	153	133	108	212	4340	97	166	146
18	108	97	97	108	146	135	106	153	3090	74	653	114
19	138	138	117	120	188	142	100	218	1270	74	485	120
20	142	328	131	120	590	135	111	157	308	74	223	114
21	100	254	117	111	369	131	207	142	282	78	376	103
22	106	254	100	131	254	117	233	135	391	81	1290	97
23	97	142	92	124	233	117	175	120	348	86	5530	97
24	100	120	94	124	207	124	135	1970	153	78	3690	103
25	117	114	98	135	193	138	124	486	138	84	1820	100
26	106	114	100	124	193	117	108	260	106	68	422	84
27	97	114	100	120	97	111	111	188	100	64	233	94
28	97	103	86	110	103	114	108	193	88	64	254	114
29	103	91	94	110	.....	114	108	193	88	64	180	97
30	94	91	84	110	.....	100	212	406	81	71	153	100
31	84	.....	90	110	.....	111	.....	198	.....	84	146	.....
Mean	92	120	120	111	188	128	125	425	576	144	725	114
Max.	142	328	383	135	590	233	233	2390	4340	1260	5530	175
Min.	66	86	64	78	97	64	100	111	81	64	108	84
A.F.	5650	7120	7400	6830	10420	7840	7450	26110	34270	8850	44560	6780

Total acre-feet 173280

DISCHARGE IN SECOND-FEET OF SAPPA CREEK NEAR BEAVER CITY
Sec. 14-1-23 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.0	0.0	1.9	4.0	9.0	3.0	3.0	12.0	20.0	0.1	6.0	4.4
2	.0	.0	1.7	4.0	9.0	3.0	3.0	30.0	34.0	.1	2.5	4.4
3	.0	.0	1.5	3.5	9.5	2.5	3.2	16.0	18.0	.1	.3	11.0
4	.1	.5	1.0	3.5	9.0	2.0	3.2	8.9	12.0	.1	.0	3.8
5	.1	.3	1.0	4.0	9.0	2.0	3.2	7.9	9.6	.1	.0	1.7
6	.1	2.3	1.5	4.0	9.0	2.5	3.0	6.9	7.6	.0	7.4	.7
7	.0	1.9	1.5	4.0	9.0	3.2	3.0	6.0	44.0	.0	6.2	.2
8	.0	.9	1.5	4.0	8.5	3.4	3.0	5.5	52.0	.0	5.0	10.0
9	.0	1.0	1.5	3.5	9.0	3.8	2.6	5.0	23.0	.0	2.6	51.0
10	.0	1.0	1.5	3.0	9.0	3.8	3.2	4.4	12.0	.0	.9	43.0
11	.0	1.5	2.0	2.5	9.0	3.8	3.0	3.4	6.4	.0	.2	43.0
12	.0	2.3	2.5	2.0	8.5	3.6	3.0	2.6	4.2	.0	.1	54.0
13	.0	2.6	2.5	2.0	7.5	3.0	3.2	2.5	2.8	.0	.0	21.0
14	.0	1.9	2.0	2.5	6.5	2.5	3.2	2.5	3.5	.0	.0	23.0
15	.0	1.6	2.0	2.0	6.0	2.0	3.0	2.1	31.0	.0	.0	10.0
16	.0	1.1	2.5	2.0	5.5	2.1	2.8	2.8	22.0	.0	.4	7.6
17	.0	2.1	2.5	2.0	5.2	2.1	2.6	3.6	37.0	.0	856.0	6.7
18	.0	1.7	2.0	2.5	4.6	5.2	2.1	4.6	29.0	.0	234.0	5.2
19	.1	1.2	2.5	3.0	4.5	4.0	2.5	11.0	13.0	.0	86.0	4.4
20	.1	1.0	3.0	2.5	5.0	2.8	2.5	102.0	6.7	.0	93.0	3.6
21	1.1	1.0	2.5	1.5	5.0	2.6	2.5	135.0	4.4	.0	187.0	4.4
22	.2	1.0	1.0	1.5	5.2	2.5	3.2	69.0	3.2	.0	77.0	3.0
23	.1	1.4	1.0	2.0	5.0	4.2	4.6	68.0	2.1	.0	29.0	2.5
24	.1	2.3	1.0	2.0	4.6	3.8	2.5	31.0	.9	.0	16.0	1.6
25	.1	2.3	1.5	2.0	3.8	3.8	2.8	17.0	1.4	.0	14.0	1.1
26	.1	2.5	1.5	1.5	3.6	4.0	3.0	14.0	.9	.0	13.0	2.6
27	.1	2.3	2.0	1.5	3.4	4.8	3.2	60.0	.5	.0	12.0	2.8
28	.1	2.5	2.0	3.0	2.8	4.8	2.5	75.0	.3	58.0	9.6	1.9
29	.1	2.3	2.0	5.0	.....	3.8	3.2	64.0	.4	20.0	8.2	1.6
30	.1	2.3	2.0	8.0	.....	3.4	2.6	28.0	.3	7.6	6.0	.8
31	.1	.....	3.0	8.5	.....	3.4	.....	18.0	.....	8.6	4.8	.....
Mean	.1	1.5	1.9	3.1	6.6	3.3	3.0	26.4	13.4	3.1	54.1	11.0
Max.	1.1	2.6	3.0	8.5	9.5	5.2	4.6	135.0	52.0	58.0	856.0	54.0
Min.	.0	.0	1.0	1.5	2.8	2.0	2.1	2.1	.3	.0	.0	.2
A.F.	5.1	89.0	114.0	192.0	368.0	201.0	175.0	1620.0	798.0	188.0	3330.0	656.0

Total acre-feet 7736

DISCHARGE IN SECOND-FEET OF SAPPA CREEK NEAR STAMFORD
Sec. 23-2-20 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	2	2	5	9	7	10	40	1	36	3
2	0	0	1	2	5	8	7	18	30	0	11	2
3	0	0	2	3	5	7	6	28	26	0	7	1
4	0	0	3	3	6	8	6	40	38	0	3	0
5	0	0	3	3	6	9	6	28	26	0	1	1
6	0	0	2	3	6	9	6	17	18	0	0	4
7	0	0	2	3	10	9	6	13	15	0	0	2
8	0	0	3	3	15	10	6	11	12	0	0	30
9	0	0	3	3	35	9	5	11	41	0	6	456
10	0	0	4	3	30	9	5	10	55	0	5	147
11	0	0	3	3	22	9	8	10	33	0	6	55
12	0	0	3	3	20	8	6	9	18	0	2	38
13	0	5	3	3	18	7	5	8	12	0	0	42
14	0	5	3	3	16	8	5	7	9	0	0	39
15	0	3	3	3	13	8	5	8	14	0	0	22
16	0	1	3	3	14	7	4	10	168	0	0	12
17	0	1	3	2	10	7	5	11	61	0	223	9
18	0	0	3	2	10	7	6	14	34	0	877	8
19	0	1	3	2	10	7	5	12	38	0	494	6
20	0	1	3	2	12	7	6	11	32	0	133	.5
21	0	0	3	2	16	6	6	31	18	0	67	4
22	0	0	3	2	18	9	6	282	11	0	134	3
23	0	1	2	2	14	8	6	170	6	0	104	2
24	0	2	2	1	14	7	5	105	5	0	58	1
25	0	2	2	0	13	7	6	82	4	0	26	1
26	0	1	2	0	12	7	5	54	3	0	16	0
27	0	1	2	0	11	7	6	61	3	0	16	0
28	0	1	2	1	10	8	6	48	1	2	12	0
29	0	1	2	1	----	8	6	81	0	0	10	0
30	0	2	2	2	----	7	6	101	1	53	8	0
31	0	----	2	2	----	8	----	68	----	128	5	----
Mean	0	1	3	2	14	8	6	44	26	6	73	30
Max.	0	5	4	3	35	10	8	282	168	128	877	456
Min.	0	0	1	0	5	6	4	7	0	0	0	0
A.F.	0	54	161	131	748	483	346	2710	1530	364	4490	1770

Total acre-feet 12790

DISCHARGE IN SECOND-FEET OF SHEEP CREEK NEAR MORRILL
Sec. 16-23-57 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	124	104	95	88	82	81	78	3	69	4	3	4
2	122	103	95	89	80	82	76	3	30	4	2	4
3	120	103	95	91	79	83	76	3	3	4	3	5
4	119	103	94	91	79	82	76	33	4	3	3	4
5	119	104	94	90	78	80	76	79	5	5	3	6
6	119	104	94	90	79	79	76	82	5	3	4	4
7	119	105	94	88	80	77	76	80	4	3	3	4
8	116	103	95	87	80	76	76	36	4	4	3	5
9	116	106	94	86	81	76	76	5	4	3	3	5
10	116	105	96	86	81	75	76	5	3	3	3	4
11	116	105	94	87	78	75	76	5	3	3	3	3
12	118	105	95	88	78	72	52	5	3	3	4	4
13	119	105	95	88	77	75	2	5	4	4	4	4
14	116	103	94	84	77	76	2	4	3	4	4	4
15	115	103	95	83	78	75	2	4	3	4	4	4
16	114	102	94	82	77	80	2	5	3	4	4	4
17	112	102	94	82	79	81	2	48	3	5	4	4
18	113	100	94	83	81	80	2	48	4	4	4	4
19	113	101	95	83	77	74	2	5	4	4	3	4
20	112	100	95	81	75	76	2	5	4	4	4	4
21	114	101	93	81	73	78	2	4	4	103	4	4
22	116	100	92	82	75	79	2	5	4	30	4	4
23	116	102	91	83	75	80	2	50	4	3	3	4
24	115	99	90	83	76	80	2	33	4	3	3	4
25	113	98	91	84	77	78	3	5	4	3	3	4
26	112	99	89	84	77	78	3	60	8	3	3	4
27	111	97	89	83	78	78	3	71	4	3	4	3
28	109	97	88	83	80	77	3	70	4	3	3	3
29	109	97	89	83	----	77	3	72	3	3	3	3
30	106	97	89	82	----	78	3	70	4	3	4	4
31	106	----	88	83	----	77	----	70	----	3	5	----
Mean	115	102	93	85	78	78	31	31	7	8	3	4
Max.	124	106	96	91	82	83	78	82	69	103	5	6
Min.	106	97	88	81	73	72	2	3	3	3	2	3
A.F.	7070	6060	5710	5230	4340	4790	1840	1930	410	463	206	237

Total acre-feet 38290

DISCHARGE IN SECOND-FEET OF SHELL CREEK NEAR NEWMAN GROVE
Sec. 2-20-4 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	2	1	2	4	2	2	3	1	0	1
2	1	1	2	1	4	2	2	5	23	1	0	1
3	1	1	2	1	4	2	2	3	2	1	0	1
4	1	1	2	1	4	2	2	2	8	1	0	0
5	1	1	2	1	4	2	2	2	2	0	0	0
6	1	1	2	1	5	2	4	2	2	0	0	0
7	1	2	2	1	5	2	2	2	1	0	0	0
8	1	2	2	1	5	2	1	2	1	0	0	0
9	1	2	1	1	4	3	1	2	2	0	1	0
10	1	2	1	1	3	3	2	2	2	0	1	0
11	1	2	2	1	3	3	1	2	2	0	1	0
12	1	2	2	1	2	3	1	1	1	0	1	0
13	1	2	2	1	2	2	1	2	1	0	1	0
14	1	2	2	1	3	2	1	1	1	0	1	0
15	1	2	2	1	4	2	2	2	1	0	0	0
16	1	2	1	1	3	2	2	1	1	0	0	1
17	1	1	1	1	3	4	2	1	2	0	0	1
18	1	1	1	1	2	4	2	1	2	0	0	1
19	1	2	2	1	3	4	2	1	2	0	0	1
20	1	2	2	1	5	3	2	1	2	0	0	1
21	1	2	1	1	5	2	2	1	2	0	0	1
22	1	2	1	1	2	2	2	1	1	0	0	1
23	1	2	1	1	3	2	2	1	1	0	0	1
24	1	2	1	1	7	2	2	1	1	0	0	1
25	1	2	1	1	8	3	2	1	1	0	0	1
26	0	2	1	1	4	2	2	1	1	0	0	1
27	1	2	1	1	4	2	2	2	1	0	1	1
28	1	2	1	1	3	2	1	2	1	0	1	1
29	0	2	1	1	..	2	2	3	1	0	0	1
30	0	2	1	1	..	2	2	3	1	0	0	1
31	1	..	1	1	..	2	..	3	..	0	0	..
Mean	1	2	1	1	4	2	2	2	3	0	0	1
Max.	1	2	2	1	8	4	4	5	23	1	1	1
Min.	0	1	1	1	2	2	1	1	1	0	0	0
A.F.	50	89	84	60	214	143	98	114	173	10	21	35

Total acre-feet 1090

DISCHARGE IN SECOND-FEET OF SHELL CREEK NEAR COLUMBUS
Sec. 23-18-1 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	8	12	12	9	25	17	17	12	7	4	6
2	3	8	13	13	9	21	19	28	13	8	2	5
3	3	8	16	12	9	24	18	86	19	8	1	5
4	4	8	28	12	10	20	17	52	61	7	2	5
5	4	8	28	13	12	18	17	32	32	7	2	5
6	4	8	19	13	13	17	16	26	26	7	2	4
7	6	9	18	13	14	16	16	21	19	6	6	4
8	4	10	15	13	21	21	16	19	14	6	13	6
9	5	10	28	7	19	21	16	17	14	6	10	7
10	5	10	23	4	18	20	16	16	13	4	9	6
11	6	12	17	4	17	20	14	15	17	5	8	4
12	7	12	17	3	20	22	13	14	14	5	8	4
13	12	11	13	4	22	22	13	14	15	4	6	4
14	8	11	13	4	18	20	13	13	10	5	6	4
15	5	12	12	4	20	18	12	12	36	3	6	4
16	4	11	15	4	19	18	19	12	381	2	5	5
17	3	11	13	4	19	21	35	12	50	3	31	7
18	3	11	12	4	18	26	22	12	24	4	11	6
19	8	13	12	5	21	27	19	12	16	2	7	7
20	7	16	12	4	20	34	18	13	14	2	5	5
21	8	20	10	5	26	30	24	12	15	3	5	5
22	7	16	10	6	26	26	52	11	16	1	7	5
23	9	14	18	6	28	24	44	10	19	1	8	4
24	8	14	13	6	23	23	27	11	12	1	8	4
25	7	14	12	6	29	24	21	11	11	1	7	4
26	8	14	11	7	35	32	19	11	10	1	6	4
27	8	13	11	8	34	32	17	12	9	0	6	4
28	9	12	11	8	28	22	16	12	8	1	6	5
29	8	12	11	8	....	20	15	24	8	3	6	7
30	8	12	11	8	....	20	16	20	7	3	7	6
31	8	..	12	8	....	18	..	15	..	4	6	..
Mean	6	12	15	7	20	23	20	19	30	4	7	5
Max.	12	20	28	13	35	34	52	86	381	8	31	7
Min.	3	8	10	3	9	16	12	10	7	0	1	4
A.F.	380	688	924	450	1100	1390	1180	1180	1810	237	421	298

Total acre-feet 10060

DISCHARGE IN SECOND-FEET OF SILVER CREEK NEAR ITHACA
Sec. 28-14-8 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	5	7	6	12	6	5	6	6	4	4	4
2	4	5	7	6	8	6	5	7	6	4	4	4
3	4	5	8	6	4	6	5	7	6	4	4	4
4	4	5	7	6	4	6	5	6	6	4	4	4
5	4	5	7	6	3	6	5	6	6	4	4	4
6	4	5	7	6	3	6	5	6	6	4	4	4
7	4	5	7	6	3	6	5	5	6	4	4	4
8	4	5	6	6	4	6	5	5	6	4	8	4
9	4	5	6	6	4	6	5	5	6	4	6	4
10	4	5	6	5	7	6	5	5	5	4	6	4
11	4	5	6	4	7	6	5	5	5	4	5	4
12	4	5	6	4	6	6	5	5	5	4	5	4
13	4	5	6	4	6	6	5	5	5	4	5	4
14	5	5	6	4	6	6	5	5	5	4	5	4
15	5	5	5	3	6	6	5	5	5	4	5	4
16	5	5	5	3	5	6	5	5	5	4	5	4
17	5	5	5	2	6	6	5	5	6	4	5	4
18	5	5	5	3	8	6	5	5	5	4	5	4
19	5	8	6	3	8	6	5	5	5	9	5	4
20	5	9	6	3	7	6	6	5	5	6	5	4
21	5	8	6	4	7	6	6	5	5	4	5	4
22	5	8	5	4	7	6	5	5	5	4	5	4
23	5	7	4	4	7	6	5	66	5	4	5	4
24	5	7	6	4	6	6	5	21	5	4	5	4
25	5	6	8	4	6	6	5	11	4	4	5	4
26	5	7	7	4	6	6	5	8	4	4	8	4
27	5	7	7	4	6	6	5	7	4	4	6	4
28	5	7	7	6	6	6	5	7	4	4	5	4
29	5	7	6	6		5	5	6	4	4	4	4
30	5	7	5	8		5	5	6	4	4	4	4
31	5		6	10		5		6		4	4	
Mean	5	6	6	5	6	6	5	8	5	4	5	4
Max.	5	9	8	10	12	6	6	66	6	9	8	4
Min.	4	5	4	2	3	5	5	5	4	4	4	4
A.F.	290	348	376	291	329	344	305	513	313	270	301	230

Total acre-feet 3910

DISCHARGE IN SECOND-FEET OF SNAKE RIVER NEAR BURGE
Sec. 20-31-31 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	224	249	257	254	299	274	291	329	254	224	214	227
2	224	243	260	262	262	170	288	335	276	219	211	224
3	230	249	271	265	251	200	294	302	282	224	209	222
4	232	249	262	265	257	240	279	288	254	222	211	224
5	235	249	260	260	254	280	271	317	243	214	217	243
6	238	274	260	260	260	305	271	326	243	211	232	251
7	238	260	260	260	271	276	274	302	365	209	265	246
8	238	254	276	262	274	265	262	274	332	209	249	288
9	238	262	268	268	274	265	254	265	323	204	240	288
10	238	265	262	254	271	268	243	260	320	201	224	260
11	235	265	260	246	268	260	251	246	317	201	227	251
12	235	262	257	246	271	260	246	243	291	201	232	240
13	232	257	262	254	260	200	240	240	285	204	230	235
14	232	260	257	262	257	220	240	240	317	201	222	238
15	238	260	268	262	260	320	257	243	311	209	219	232
16	240	262	268	210	262	335	246	246	308	206	219	230
17	240	262	274	190	257	317	230	251	302	206	227	238
18	238	271	260	180	262	347	238	254	299	214	224	235
19	235	268	257	170	265	411	260	260	282	232	227	232
20	249	243	265	150	260	368	265	243	276	262	222	222
21	294	246	274	160	249	347	260	238	274	238	260	217
22	288	274	190	200	268	332	257	240	260	238	326	217
23	257	268	210	220	265	341	246	251	246	232	288	217
24	257	265	240	210	257	344	243	243	235	227	249	219
25	268	262	282	200	265	377	251	232	235	217	232	219
26	254	257	285	220	276	329	274	238	271	211	224	224
27	243	254	271	260	291	326	265	262	274	206	224	224
28	240	257	260	276	268	356	262	271	274	211	224	224
29	243	260	257	282	.....	359	362	254	262	214	227	232
30	249	254	254	282	.....	326	332	249	240	217	243	257
31	249	.....	257	294	.....	308	.....	262	.....	217	235	.....
Mean	244	259	259	238	266	301	265	265	282	216	234	236
Max.	294	274	285	294	299	411	362	335	365	262	326	288
Min.	224	243	190	150	249	170	230	232	235	201	209	217
A.F.	14980	15390	15960	14650	14750	18500	15770	16270	16760	13290	14390	14040

Total acre-feet 184750

DISCHARGE IN SECOND-FEET OF SPOTTED TAIL CREEK, DRY, NEAR MITCHELL—Sec. 28-23-56 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	87	32	32	36	32	29	29	43	22	18	24	24
2	63	31	31	34	32	29	27	59	21	17	25	26
3	56	31	31	35	32	29	26	56	23	20	30	30
4	53	31	29	35	31	28	26	59	22	20	20	28
5	51	33	30	35	32	30	28	61	21	17	24	31
6	51	34	28	34	31	29	29	26	23	19	28	33
7	46	34	28	34	30	28	28	31	24	21	41	24
8	43	34	29	33	30	28	26	29	22	19	29	23
9	42	33	28	33	30	29	26	20	17	20	26	23
10	41	33	29	33	30	28	25	26	13	15	23	24
11	43	33	28	33	30	27	25	22	12	13	26	23
12	43	32	30	33	29	24	25	20	14	12	28	24
13	41	32	28	33	29	22	25	17	15	13	26	21
14	41	32	28	33	30	24	24	20	15	18	23	20
15	43	32	28	33	30	26	23	19	16	24	28	18
16	45	32	28	32	30	29	22	24	17	24	30	20
17	45	33	28	33	30	24	21	40	15	25	31	21
18	43	31	28	33	30	25	24	37	14	24	29	20
19	41	31	30	33	28	25	24	34	13	44	28	21
20	41	33	32	31	28	26	31	29	13	29	28	22
21	40	31	36	31	29	26	32	27	17	47	31	23
22	38	32	39	33	30	27	31	36	17	83	28	24
23	39	31	41	38	31	29	30	43	15	41	27	22
24	41	30	40	32	30	30	30	30	17	28	26	21
25	38	31	40	32	30	29	28	28	31	27	28	24
26	38	31	38	33	30	28	35	27	46	24	29	24
27	38	33	38	32	30	28	31	25	20	24	28	25
28	36	33	38	31	30	28	40	24	22	28	26	22
29	33	33	37	32	...	28	28	24	24	26	24	17
30	32	33	36	31	...	28	30	24	19	26	24	19
31	32	...	36	32	...	28	...	20	...	25	24	...
Mean	44	32	32	33	30	27	28	32	19	26	27	23
Max.	87	34	41	36	32	30	40	61	46	83	41	33
Min.	32	30	28	31	28	22	21	17	12	12	20	17
A.F.	2710	1910	1990	2030	1670	1680	1640	1940	1150	1570	1670	1380

Total acre-feet 21340

DISCHARGE IN SECOND-FEET OF STINKING WATER CREEK NEAR PALISADE—Sec. 30-5-33 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	30	44	40	42	42	47	42	35	19	14	18
2	19	30	42	43	48	42	46	42	38	18	14	17
3	20	32	42	43	50	24	45	45	41	27	14	16
4	19	34	32	42	51	22	44	48	40	17	14	15
5	16	38	35	44	50	35	42	47	38	16	13	16
6	16	50	40	44	48	38	40	44	34	16	13	16
7	17	53	42	45	48	46	39	42	30	15	13	16
8	18	50	48	47	46	44	38	40	30	14	14	16
9	19	51	40	48	46	44	38	38	28	13	13	16
10	19	50	44	47	46	44	37	36	27	13	11	16
11	18	51	50	33	46	44	36	37	26	13	12	16
12	15	51	42	30	44	46	36	38	25	13	12	16
13	15	50	52	27	43	40	36	39	25	12	13	16
14	15	49	43	25	44	30	37	37	25	12	14	16
15	16	46	47	30	44	35	37	37	88	12	14	17
16	18	44	50	28	45	44	36	34	34	12	19	18
17	19	43	45	26	44	48	35	61	30	12	113	19
18	19	42	40	27	44	54	36	144	30	12	73	21
19	22	41	42	30	44	65	35	98	30	13	28	20
20	22	41	46	26	44	66	34	62	30	13	30	19
21	24	22	49	22	42	58	35	54	28	13	30	18
22	30	25	25	22	43	52	36	48	24	13	26	17
23	34	52	20	23	44	54	37	42	25	14	25	17
24	32	47	30	24	43	52	37	39	23	16	24	17
25	33	52	35	24	42	52	36	37	22	17	24	18
26	32	57	35	25	42	51	34	38	22	16	23	18
27	32	55	40	25	42	48	34	40	21	16	22	19
28	32	54	40	27	42	46	34	42	21	14	21	20
29	31	50	40	30	...	44	35	41	20	14	20	21
30	31	46	40	34	...	44	35	38	20	14	20	21
31	30	...	37	38	...	46	...	38	...	13	19	...
Mean	23	44	40	33	45	45	38	47	30	15	23	18
Max.	34	57	52	48	51	66	47	144	88	27	113	21
Min.	15	22	20	22	42	22	34	34	20	12	11	15
A.F.	1390	2650	2490	2020	2490	2780	2240	2910	1800	897	1420	1040

Total acre-feet 24130

DISCHARGE IN SECOND-FEET OF STREVER CREEK NEAR OVERTON
Sec. 1-8-20 W.
Water Year Ending Sept. 30, 1954

Day	May	June	July	Aug.	Sept.
1	7	12	9	0	7
2	12	13	6	0	4
3	16	11	9	0	5
4	16	10	6	0	5
5	14	15	3	0	4
6	14	15	0	0	3
7	11	17	0	0	3
8	11	18	0	0	5
9	9	15	0	0	8
10	9	14	0	0	11
11	9	11	0	0	13
12	9	6	0	0	10
13	9	7	0	0	9
14	10	11	0	0	7
15	9	12	0	10	6
16	10	16	0	13	6
17	11	17	0	14	4
18	18	19	0	36	3
19	14	18	0	46	6
20	14	16	0	29	2
21	13	14	0	40	0
22	21	12	0	26	0
23	22	11	0	24	0
24	22	11	0	23	0
25	22	9	0	21	0
26	23	6	0	20	0
27	26	8	0	16	0
28	20	9	0	13	0
29	15	8	0	10	0
30	18	7	0	12	0
31	14		0	8	
Mean	14	12	1	12	4
Max.	26	19	9	46	13
Min.	7	6	0	0	0
A.F.	890	730	70	720	240

DISCHARGE IN SECOND-FEET OF TEKAMAH CREEK NEAR TEKAMAH
Sec. 19-21-11 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	0.8	1.5	0.8	0.3	3.7	1.8	6.0	17.0	2.0	1.0	0.8
2	.1	.9	1.6	.8	.3	2.8	1.4	98.0	75.0	2.4	1.0	.8
3	.1	.8	5.3	.8	.3	1.8	1.0	6.4	62.0	1.6	.6	.7
4	.1	.8	3.2	.8	.3	.9	1.3	4.8	5.0	1.6	.5	.7
5	.1	.8	2.0	.8	.3	1.6	1.6	4.2	4.0	1.6	.4	.5
6	.1	.9	2.6	.6	.3	2.3	1.6	3.5	3.7	1.4	.7	.4
7	.1	1.0	1.9	.5	.3	3.0	1.6	3.0	3.7	1.6	2.3	.3
8	.3	.9	1.8	.4	.3	3.2	1.2	2.7	2.6	1.2	1.4	.3
9	.4	1.1	1.4	.4	.4	3.0	1.5	2.6	3.0	1.2	.7	2.0
10	.3	1.0	.9	.3	.5	2.4	1.3	2.6	3.0	1.0	.4	1.0
11	.3	1.0	.8	.3	.6	2.2	1.0	2.7	2.1	1.0	.8	.7
12	.3	1.0	.8	.3	.7	2.1	1.0	2.7	1.9	.9	.9	.7
13	.3	1.0	.8	.3	.8	1.0	1.2	2.6	1.8	.8	.8	.6
14	.2	1.1	.8	.3	.9	1.6	1.4	2.5	1.7	.6	1.0	.5
15	.3	1.1	.8	.3	1.1	2.6	2.7	2.5	2.4	.6	.7	.4
16	.4	1.0	.7	.3	1.2	3.1	2.0	2.1	2.6	.7	.4	2.0
17	.6	1.1	.6	.3	1.7	3.2	1.6	2.0	2.3	.7	2.4	1.0
18	.6	1.2	.5	.2	5.6	2.8	1.4	2.8	1.7	.7	2.0	.7
19	.6	3.7	.5	.2	13.0	2.7	1.6	2.4	1.7	.6	.7	.7
20	.5	4.0	.5	.2	31.0	1.8	44.0	2.0	116.0	.7	.6	.6
21	.4	1.6	.6	.1	11.0	1.6	471.0	2.0	361.0	1.0	.7	.4
22	.4	1.2	.7	.3	11.0	2.0	8.0	1.9	5.4	1.0	1.5	.3
23	.4	1.2	.5	.5	6.2	1.7	4.0	42.0	4.0	1.1	33.0	.3
24	.5	1.2	.2	.5	5.4	2.7	3.4	5.1	2.8	.8	1.3	.3
25	.8	.9	.3	.6	4.8	3.0	3.0	2.7	2.3	.7	1.2	.3
26	.8	1.0	.4	.5	3.8	1.7	3.0	3.1	2.1	.6	1.4	.2
27	.7	1.0	.5	.5	4.0	1.8	2.8	41.0	2.1	.4	6.0	.3
28	.7	1.1	.5	.5	4.0	2.2	2.7	113.0	1.7	.7	1.4	5.6
29	.8	1.2	.6	.5	.....	1.0	3.2	5.1	1.7	.7	1.0	5.4
30	.8	1.0	.7	.4	.....	3.1	30.0	4.2	1.6	1.9	1.0	.7
31	.8	.....	.8	.4	.....	2.5	.....	97.0	.....	3.2	.8	.....
Mean	.4	1.2	1.1	.4	3.9	2.3	20.1	15.3	23.3	1.1	2.2	1.0
Max.	.8	4.0	5.3	.8	31.0	3.7	471.0	113.0	361.0	3.2	33.0	5.6
Min.	.1	.8	.2	.1	.3	.9	1.0	1.9	1.6	.4	.4	.2
A.F.	26.0	73.0	69.0	27.0	218.0	141.0	1200.0	943.0	1380.0	69.0	136.0	58.0

Total acre-feet 4340

DISCHARGE IN SECOND-FEET OF THOMPSON CREEK NEAR RIVERTON
Sec. 2-1-13 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	20	30	22	25	35	21	30	22	20	18	21
2	21	18	32	24	23	17	19	35	20	18	18	22
3	20	20	33	24	22	20	18	29	20	17	18	21
4	19	24	27	25	21	24	18	24	22	18	18	20
5	20	21	27	24	27	22	17	23	23	19	18	23
6	18	28	27	24	26	23	16	21	21	20	20	21
7	22	25	26	22	26	24	18	22	20	20	21	21
8	20	23	29	22	21	25	18	22	22	21	23	25
9	20	23	27	22	21	21	21	24	20	21	26	30
10	18	21	28	22	22	21	21	24	20	21	24	21
11	19	20	28	22	24	21	24	22	20	18	21	21
12	18	24	26	22	26	26	25	23	20	19	21	20
13	21	24	28	22	26	23	24	21	21	18	24	20
14	23	21	25	20	26	24	24	22	20	17	24	21
15	26	20	27	18	24	21	24	24	21	17	21	21
16	26	21	26	18	33	20	24	27	23	16	23	21
17	23	20	26	16	31	21	24	26	22	17	215	18
18	23	22	26	18	24	21	25	26	20	16	130	17
19	20	24	26	20	30	24	26	21	23	17	34	18
20	20	28	25	16	40	22	26	20	20	18	26	18
21	24	26	22	22	30	22	28	21	19	18	25	21
22	20	26	20	18	28	22	26	22	21	18	30	20
23	21	26	24	20	24	22	27	71	21	18	27	20
24	23	27	26	18	28	23	26	58	20	19	24	21
25	18	26	25	19	34	24	26	26	21	19	23	19
26	22	27	23	22	26	21	26	24	21	20	21	18
27	23	30	24	26	31	24	26	102	22	19	21	18
28	21	30	20	36	34	24	26	32	21	19	22	19
29	22	28	18	32	....	24	29	26	21	18	20	19
30	24	28	25	25	....	21	29	26	21	17	21	20
31	22	....	21	25	....	20	....	24	....	17	21	....
Mean	21	24	26	22	27	23	23	30	21	18	32	20
Max.	26	30	33	36	40	35	29	102	23	21	215	30
Min.	18	18	18	16	21	17	16	20	19	16	18	17
A.F.	1300	1430	1580	1360	1490	1390	1390	1820	1250	1130	1980	1220

Total acre-feet 17340

DISCHARGE IN SECOND-FEET OF TUB SPRINGS NEAR SCOTTSBLUFF
Sec. 33-23-55 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	86	56	44	40	34	39	42	6	55	19	4	4
2	84	57	43	39	34	39	39	17	48	24	5	4
3	87	56	43	38	34	39	37	9	39	28	5	4
4	89	55	42	37	33	39	37	2	28	28	4	10
5	91	54	42	38	33	39	37	4	12	20	4	23
6	94	54	42	42	33	40	38	30	24	10	6	26
7	98	53	42	39	33	39	39	37	35	6	14	23
8	88	51	43	37	32	39	38	24	28	5	12	39
9	70	61	42	37	31	39	37	18	26	5	6	42
10	44	57	44	36	31	38	37	18	24	5	4	43
11	41	57	42	36	30	38	37	12	20	5	5	46
12	50	54	42	36	31	36	37	7	22	5	26	45
13	52	53	42	36	30	46	38	6	37	10	17	47
14	53	52	42	35	30	42	38	6	41	20	10	35
15	53	51	43	34	30	42	38	6	31	6	12	30
16	53	49	43	31	30	47	40	13	37	10	28	17
17	54	47	42	32	30	46	39	30	44	15	17	18
18	50	45	42	33	30	44	36	19	44	10	7	24
19	50	46	43	33	30	43	37	13	44	5	8	31
20	50	47	44	31	30	42	36	17	52	5	18	30
21	51	48	42	31	30	40	36	14	50	40	17	19
22	52	50	40	32	30	39	35	18	40	39	14	17
23	53	51	40	33	31	39	29	44	28	30	14	21
24	54	49	41	31	31	40	21	31	9	44	6	35
25	61	47	42	31	33	39	20	33	97	42	3	36
26	60	47	42	31	32	39	22	37	82	34	2	40
27	60	46	42	31	33	39	12	50	60	18	3	40
28	62	45	42	34	37	39	4	58	50	12	3	34
29	60	44	42	33	....	39	2	57	43	5	4	36
30	58	44	41	33	....	40	2	54	24	4	4	60
31	56	....	40	34	....	40	....	54	....	4	4	....
Mean	63	51	42	35	32	40	31	24	39	16	9	29
Max.	98	61	44	42	37	47	42	58	97	44	28	60
Min.	41	44	40	31	30	36	2	2	9	4	2	4
A.F.	3900	3030	2590	2130	1760	2480	1870	1480	2330	1010	565	1740

Total acre-feet 24880

DISCHARGE IN SECOND-FEET OF WAHOO CREEK NEAR ITHACA
Sec. 32-14-8 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	16	20	22	30	30	22	60	24	13	13	14
2	14	16	20	20	35	25	23	278	33	383	12	14
3	14	18	47	13	30	25	22	138	36	42	13	13
4	14	18	124	24	28	25	22	56	30	20	13	13
5	15	17	41	18	35	28	22	37	22	17	13	13
6	15	18	29	19	29	28	22	34	18	16	12	13
7	14	19	24	20	20	28	22	30	19	16	25	12
8	15	18	24	20	22	26	21	26	19	14	77	13
9	14	20	22	18	36	26	20	25	33	14	26	14
10	15	18	20	16	40	27	20	24	29	13	19	13
11	15	21	22	16	40	25	20	24	21	13	18	13
12	16	21	24	16	32	24	20	23	18	13	17	13
13	16	21	24	16	35	24	20	22	16	12	17	13
14	16	21	22	16	36	20	20	21	17	12	22	13
15	16	17	21	18	35	28	21	21	17	12	22	13
16	16	20	19	15	30	28	22	76	19	12	18	14
17	33	20	20	14	31	26	22	28	21	12	24	15
18	48	20	22	14	28	24	20	22	19	12	25	14
19	21	34	21	14	47	26	20	25	19	12	51	13
20	18	57	21	14	137	25	20	25	18	12	20	12
21	17	39	19	14	61	25	29	21	36	12	16	12
22	16	26	18	16	48	23	50	20	32	12	63	12
23	17	22	17	16	44	22	28	265	20	12	66	12
24	16	21	20	16	50	22	23	116	19	12	55	12
25	17	21	21	16	42	23	22	32	15	13	25	12
26	17	20	21	16	44	22	18	23	14	12	18	12
27	18	20	20	16	34	22	20	27	14	12	16	12
28	17	20	26	20	36	20	20	30	14	12	17	13
29	16	20	21	20	....	22	20	23	14	12	16	13
30	15	20	18	20	....	20	39	22	14	12	15	13
31	20	....	20	20	....	19	....	44	....	12	14	....
Mean	18	22	26	17	40	24	23	52	21	26	25	13
Max.	48	57	124	24	137	30	50	278	36	383	77	15
Min.	13	16	17	13	20	19	18	20	14	12	12	12
A.F.	1080	1310	1600	1060	2210	1500	1370	3210	1270	1590	1540	770

Total acre-feet 18510

DISCHARGE IN SECOND-FEET OF WEEPING WATER CREEK NEAR UNION
Sec. 26-10-13 E.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	5	9	9	5	17	12	39	114	4	6	14
2	1	5	10	9	6	18	13	186	103	3	4	13
3	1	4	17	10	7	16	12	89	115	2	2	12
4	1	5	22	10	8	11	12	48	35	2	2	10
5	1	5	19	10	9	11	14	24	21	3	2	8
6	1	5	15	11	11	12	16	20	17	3	2	8
7	1	5	12	11	13	13	14	16	15	3	20	7
8	1	5	10	10	14	15	13	14	13	2	25	6
9	1	6	10	9	16	17	12	13	17	2	20	7
10	1	6	8	6	17	15	13	12	15	2	11	8
11	1	6	9	4	19	14	14	12	12	2	7	7
12	1	6	7	3	22	13	13	12	10	1	14	6
13	1	6	7	3	22	12	16	12	9	1	8	6
14	1	6	7	3	22	13	15	12	9	1	7	6
15	1	6	7	3	22	14	14	96	12	1	6	5
16	1	6	6	2	24	13	13	2400	13	1	5	9
17	9	9	6	2	27	12	13	85	20	1	4	10
18	10	17	6	3	28	13	12	38	17	1	4	9
19	7	32	6	3	37	17	13	82	14	1	4	9
20	5	36	6	2	160	17	12	38	12	1	4	8
21	5	26	6	2	76	16	23	25	20	1	120	7
22	5	18	6	4	44	15	24	21	17	1	498	6
23	5	13	6	4	26	13	22	19	15	1	1830	6
24	4	11	7	4	22	13	19	18	9	1	3260	5
25	4	10	8	3	21	14	15	18	6	1	201	6
26	5	8	8	2	21	13	14	16	5	1	44	5
27	5	7	9	2	22	12	14	14	5	1	34	5
28	5	7	10	2	20	12	13	110	4	1	36	6
29	5	7	11	3	....	12	12	117	4	1	37	18
30	5	7	10	4	....	12	26	27	4	1	17	107
31	5	....	9	4	....	12	....	40	....	1	15	....
Mean	3	10	9	5	26	14	15	118	23	1	202	11
Max.	10	36	22	11	160	18	26	2400	115	4	3260	107
Min.	1	4	6	2	5	11	12	12	4	1	2	5
A.F.	198	582	570	317	1470	847	889	7290	1350	91	12390	674

Total acre-feet 26670

DISCHARGE IN SECOND-FEET OF WHITE RIVER NEAR CRAWFORD
Sec. 3-31-52 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	17	20	20	20	18	22	22	20	14	7	6
2	11	17	19	20	20	17	21	23	20	14	6	7
3	11	17	20	20	20	21	20	23	20	15	6	7
4	12	17	18	19	20	22	20	24	19	13	7	8
5	13	15	18	20	20	22	20	22	17	11	8	8
6	14	17	20	21	21	22	20	21	19	11	10	10
7	15	19	20	21	20	20	21	20	21	10	14	10
8	14	18	20	21	20	18	22	20	17	9	12	9
9	14	17	19	20	20	19	20	19	17	8	10	8
10	14	17	22	18	20	19	20	19	20	8	8	8
11	14	16	18	19	20	18	20	17	20	8	9	6
12	15	17	19	18	20	17	19	19	18	7	11	6
13	19	17	20	18	20	18	19	17	17	6	13	8
14	18	17	19	19	19	18	19	17	17	6	10	8
15	15	17	20	19	19	23	20	19	18	8	9	8
16	18	18	17	19	19	25	20	20	17	7	8	10
17	15	16	18	19	19	25	20	23	17	8	11	11
18	16	17	21	19	19	25	18	21	29	8	11	10
19	17	18	20	18	18	23	19	20	18	8	10	9
20	16	16	20	18	17	22	19	18	19	11	8	8
21	17	17	20	18	18	23	18	17	18	10	8	8
22	15	19	18	19	18	24	20	25	17	10	9	9
23	15	19	19	19	17	23	20	52	15	11	10	8
24	15	18	19	12	17	23	20	20	14	11	8	8
25	15	17	20	15	17	22	20	20	14	10	8	9
26	15	17	20	19	19	22	20	20	15	8	8	9
27	15	17	20	24	20	22	19	20	15	8	6	9
28	15	18	20	31	18	22	19	18	15	20	7	9
29	15	18	21	29	....	22	21	18	14	9	6	10
30	15	18	19	21	....	22	22	19	14	8	8	14
31	16	....	20	20	....	22	....	23	....	7	8	....
Mean	15	17	20	20	19	21	20	21	18	10	9	9
Max.	19	19	22	31	21	25	22	52	29	20	14	14
Min.	11	15	17	12	17	17	18	17	14	6	6	6
A.F.	912	1030	1200	1220	1060	1310	1190	1300	1050	592	544	512

Total acre-feet 11920

WHITNEY RESERVOIR STORAGE IN ACRE-FEET
From White River—Sec. 34-33-51 W.
Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	.....	.....	.....	.....	5040	.....	.....	.....	8960	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	7650	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4240	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	7660	.....	.....
9	.....	.....	3090	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	2470	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	4310	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	5540	6560	.....	.....	.....	.....	.....	1590
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	5820	.....	.....
21	.....	.....	3510	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	2900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3220	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	5900	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	8010	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	650
31	.....	.....	.....	.....	.....	7330	.....	.....	.....	.....	.....	.....

DISCHARGE IN SECOND-FEET OF WHITE RIVER BELOW COTTONWOOD CREEK NEAR WHITNEY—Sec. 26-33-50 W.—Water Year Ending September 30 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	2	21	8	10	2	12	7	39	11	6	2
2	1	2	21	10	11	2	33	7	26	12	5	1
3	2	2	20	9	12	2	32	11	18	12	5	1
4	2	2	20	9	11	2	34	15	16	9	7	1
5	7	4	18	6	10	2	24	15	15	7	5	1
6	4	4	18	8	10	2	21	11	13	5	4	1
7	3	4	20	8	10	4	30	7	36	4	10	3
8	5	5	15	9	10	10	24	6	33	3	8	5
9	4	5	5	7	9	8	11	6	17	3	15	6
10	4	4	3	3	8	5	5	5	13	4	9	6
11	4	6	3	2	7	4	4	5	13	4	5	7
12	3	4	3	4	6	2	5	4	12	4	42	7
13	3	3	3	3	6	1	5	3	11	4	175	7
14	3	2	4	3	7	0	4	2	10	3	29	4
15	4	2	6	3	3	0	5	2	22	6	11	5
16	3	2	3	1	3	0	5	3	18	11	5	4
17	15	3	8	1	3	5	4	6	12	5	4	8
18	18	2	5	1	2	5	4	7	12	6	5	7
19	18	2	2	1	2	10	4	5	23	5	5	8
20	18	2	8	2	2	20	6	4	13	6	5	8
21	18	3	6	2	2	30	4	7	10	5	3	3
22	14	4	2	2	5	145	3	33	10	18	2	2
23	11	4	2	2	4	98	3	1250	8	9	2	2
24	12	4	2	2	3	64	3	375	6	4	2	1
25	12	5	4	2	4	30	3	72	5	3	2	1
26	4	6	6	2	4	23	4	37	7	2	1	0
27	3	6	7	2	4	46	4	29	10	2	1	0
28	3	21	8	2	3	34	4	26	13	1	1	0
29	4	20	9	3	..	10	4	22	9	4	18	0
30	4	20	8	6	..	12	6	20	8	8	7	1
31	4	....	7	8	..	12	....	20	....	5	5	....
Mean	7	5	8	4	6	19	10	65	15	6	13	3
Max.	18	21	21	10	12	145	34	1250	39	18	175	8
Min.	1	2	2	1	2	0	3	2	5	1	1	0
A.F.	419	315	523	260	337	1170	615	4010	907	368	796	198

Total acre-feet 9920

DISCHARGE IN SECOND-FEET OF WINTERS CREEK NEAR SCOTTSBLUFF Sec. 30-22-54 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	122	60	55	53	48	46	43	62	29	75	3	10
2	126	59	55	54	48	46	43	49	28	67	6	8
3	115	58	54	55	49	47	43	47	22	70	6	10
4	106	59	54	58	50	49	42	53	23	72	7	16
5	102	60	54	57	49	50	40	50	12	36	6	24
6	97	60	52	57	49	52	40	44	16	16	12	33
7	99	59	54	57	49	52	41	32	18	14	29	35
8	92	58	54	57	49	53	41	14	16	12	22	41
9	79	57	54	59	49	56	42	7	11	6	19	40
10	88	59	54	59	50	54	43	6	10	2	9	37
11	93	58	53	58	49	53	44	7	6	2	9	37
12	86	57	52	57	50	53	44	18	7	2	18	38
13	76	57	52	56	50	51	43	14	7	43	16	35
14	72	55	52	54	49	52	42	11	18	24	31	28
15	71	54	50	54	49	50	41	5	22	8	34	28
16	71	54	48	52	48	50	41	20	21	6	25	18
17	70	56	46	52	49	49	40	42	22	10	26	18
18	68	57	44	52	49	53	39	19	28	20	24	28
19	69	57	42	53	46	51	39	12	28	15	17	29
20	68	57	43	51	47	52	38	22	28	16	39	22
21	70	57	40	51	47	51	61	24	20	11	100	20
22	72	57	41	52	47	48	54	48	21	12	61	20
23	72	57	41	52	46	46	52	61	20	22	28	14
24	72	58	41	52	46	46	61	42	27	33	16	22
25	72	60	42	50	46	44	46	38	79	26	27	18
26	64	57	43	51	44	43	47	40	80	22	17	22
27	64	55	44	49	46	43	31	44	48	17	23	18
28	64	55	44	50	46	41	44	35	49	14	26	22
29	62	55	45	49	....	41	48	37	47	14	35	30
30	63	56	46	49	....	43	60	37	58	10	23	34
31	61	....	50	49	....	44	....	31	....	5	13	....
Mean	81	57	48	54	48	49	44	31	27	23	23	25
Max.	126	60	55	59	50	56	61	62	80	75	100	41
Min.	61	54	40	49	44	41	31	5	6	2	3	8
A.F.	4970	3410	2970	3290	2670	2990	2640	1920	1630	1390	1440	1490

Total acre-feet 30810

DISCHARGE IN SECOND-FEET OF WOOD RIVER NEAR GIBBON
Sec. 9-9-13 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	4	2	1	2	1	0	0
2	0	0	0	0	0	2	1	52	2	1	0	0
3	0	0	0	0	0	1	1	122	2	1	0	0
4	0	0	0	0	8	2	1	29	2	1	0	0
5	0	0	0	0	22	1	1	21	2	1	0	0
6	0	0	0	1	24	3	2	14	2	0	0	0
7	0	0	0	1	26	4	1	8	1	0	0	0
8	0	0	0	1	27	4	1	5	1	0	0	0
9	0	0	0	0	25	3	1	4	1	0	0	0
10	0	0	0	0	18	3	1	5	1	0	0	0
11	0	0	0	0	11	3	1	5	1	0	0	0
12	0	0	0	0	6	3	1	4	1	0	0	0
13	0	0	0	0	6	1	1	4	0	0	0	0
14	0	0	0	0	7	1	1	3	0	0	2	0
15	0	0	0	0	4	1	1	3	16	0	2	0
16	0	0	0	0	3	2	1	6	260	0	2	0
17	0	0	0	0	3	2	1	42	153	0	11	0
18	0	0	0	0	1	2	1	16	518	0	7	0
19	0	0	0	0	3	2	1	7	59	0	13	0
20	0	0	0	0	1	2	1	4	21	0	8	0
21	0	0	0	0	0	1	2	3	9	0	3	0
22	0	0	0	0	1	1	17	2	5	0	6	0
23	0	0	0	0	5	2	15	3	34	0	9	0
24	0	0	0	0	11	2	4	10	23	0	3	0
25	0	0	0	0	11	2	2	40	15	0	6	0
26	0	0	0	0	8	2	1	12	10	0	6	0
27	0	0	0	0	8	2	1	4	7	0	3	0
28	0	0	0	0	6	1	1	2	5	0	1	0
29	0	0	0	0	..	2	1	2	2	0	0	0
30	0	0	0	0	..	2	1	1	1	0	0	0
31	0		0	0		2		1		0	0	
Mean	0	0	0	0	9	2	2	14	38	0	3	0
Max.	0	0	0	1	27	4	17	122	518	1	13	0
Min.	0	0	0	0	0	1	1	1	0	0	0	0
A.F.	0	0	0	5	487	121	122	863	2290	13	168	0

Total acre-feet 4070

DISCHARGE IN SECOND-FEET OF WOOD RIVER NEAR RIVERDALE
Sec. 31-10-16 W.—Water Year Ending September 30, 1954

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	1	2	10	3	3	9	3	3	0	0
2	0	0	1	2	19	3	3	15	2	3	0	0
3	0	0	1	2	31	3	2	12	2	4	0	0
4	0	0	1	2	50	3	2	7	2	5	0	0
5	0	0	2	2	40	3	3	4	2	3	0	0
6	0	0	4	3	30	3	4	6	2	3	0	0
7	0	0	2	3	13	3	3	8	2	3	0	0
8	0	0	1	3	14	3	3	6	2	2	0	0
9	0	0	1	3	11	3	3	5	2	1	30	1
10	0	0	1	2	8	4	3	3	2	1	22	1
11	0	0	1	2	5	7	3	2	2	1	1	1
12	0	0	1	2	4	7	3	1	2	1	1	2
13	0	0	2	2	3	6	2	3	2	0	1	2
14	0	0	2	2	2	5	2	3	35	1	19	2
15	0	0	2	3	2	5	3	7	106	0	5	1
16	0	0	2	2	2	5	2	6	1	0	1	0
17	0	0	2	2	2	4	2	1	133	0	6	0
18	0	0	2	2	1	4	3	2	16	0	1	0
19	0	1	2	2	2	4	3	1	2	0	35	0
20	0	1	2	2	1	3	3	1	51	0	17	0
21	0	1	2	2	2	3	5	1	105	0	5	0
22	0	1	1	2	4	3	4	1	25	0	20	0
23	0	1	1	2	5	3	3	8	5	0	12	0
24	0	1	1	2	4	2	4	1	2	0	4	0
25	0	1	1	1	4	2	5	1	1	0	2	0
26	0	1	2	1	4	2	6	3	1	0	1	0
27	0	1	2	1	4	2	5	4	2	0	0	0
28	0	1	2	2	3	2	6	6	2	0	0	0
29	0	1	2	2	..	3	6	7	1	0	1	0
30	0	1	2	2	..	3	6	3	1	0	1	0
31	0		2	3		3		5		0	0	
Mean	0	0	2	2	10	3	3	4	17	1	6	0
Max.	0	1	4	3	50	7	6	15	133	5	35	2
Min.	0	0	1	1	1	2	2	1	1	0	0	0
A.F.	0	27	96	123	549	209	198	275	1030	58	365	22

Total acre-feet 2950

DISCHARGE IN SECOND-FEET OF WOOD RIVER NEAR ALDA
Sec. 7-10-10 W.—Water Year Ending September 30, 1954

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	103	0	0	0	0
5	0	0	0	0	0	0	0	30	0	0	0	0
6	0	0	0	0	0	0	0	12	0	0	0	0
7	0	0	0	0	8	0	0	8	0	0	0	0
8	0	0	0	0	31	0	0	4	0	0	0	0
9	0	0	0	0	32	0	0	1	0	0	0	0
10	0	0	0	0	18	0	0	0	0	0	0	0
11	0	0	0	0	9	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	3	0	0	0	0	0	0	0
15	0	0	0	0	2	0	0	0	0	0	0	0
16	0	0	0	0	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	2	282	0	0	0
18	0	0	0	0	0	0	0	19	296	0	0	0
19	0	0	0	0	0	0	0	20	439	0	0	0
20	0	0	0	0	0	0	0	5	98	0	0	0
21	0	0	0	0	0	0	0	3	31	0	2	0
22	0	0	0	0	0	0	0	2	10	0	5	0
23	0	0	0	0	0	0	0	1	4	0	2	0
24	0	0	0	0	0	0	0	0	12	0	1	0
25	0	0	0	0	0	0	0	0	20	0	5	0
26	0	0	0	0	0	0	0	16	10	0	2	0
27	0	0	0	0	0	0	0	12	6	0	2	0
28	0	0	0	0	0	0	0	5	3	0	4	0
29	0	0	0	0	..	0	0	3	2	0	2	0
30	0	0	0	0	..	0	0	1	1	0	1	0
31	0	..	0	0	..	0	..	0	..	0	0	..
Mean	0	0	0	0	4	0	0	8	40	0	1	0
Max.	0	0	0	0	32	0	0	103	439	0	5	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	207	0	0	490	2410	0	54	0

Total acre-feet 3160

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DAILY DIVERSIONS

OF CANALS

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ALLIANCE CANAL from Bayard Sugar Factory Drain
Measured through Parshall flume
Sec. 4-20-52 W.

Day	May	June	July	Aug.	Sept.
1	0	18	30	13	4
2	0	23	27	10	6
3	0	25	29	3	8
4	0	25	29	4	6
5	0	25	27	4	8
6	15	16	26	4	10
7	16	0	27	2	10
8	16	0	27	2	8
9	18	4	30	2	11
10	25	17	31	4	14
11	24	21	30	7	14
12	21	24	28	2	14
13	23	26	28	6	14
14	25	26	27	11	19
15	27	16	26	11	26
16	23	12	27	7	27
17	23	11	25	0	29
18	25	12	22	0	29
19	23	11	23	0	30
20	24	5	24	0	29
21	23	0	25	0	30
22	23	0	24	0	31
23	16	0	23	1	31
24	15	0	8	0	28
25	16	10	0	0	16
26	19	22	10	0	12
27	20	25	32	2	12
28	21	23	33	6	7
29	21	23	38	5	0
30	21	27	10	6	0
31	19	...	6	5	...
Mean	17	15	24	4	16
Max.	27	27	38	13	31
Min	0	0	0	0	0
A.F.	1080	890	1490	230	960

Water diverted 4650 A.F.

Acreage reported
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	2	0	1
2	0	2	2	0	1
3	0	2	1	0	1
4	0	2	1	0	1
5	0	2	1	0	3
6	0	2	1	0	0
7	0	3	1	0	0
8	0	4	0	0	1
9	0	4	0	0	2
10	0	4	0	0	2
11	0	4	0	0	1
12	0	2	0	0	0
13	0	2	0	0	0
14	0	2	0	0	0
15	0	1	1	0	0
16	0	1	1	0	0
17	0	1	1	0	0
18	0	1	1	0	0
19	0	1	1	0	0
20	0	2	0	0	0
21	0	2	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	1	0	0	0	0
29	2	0	0	0	0
30	2	0	0	0	0
31	2		0	0	
Mean	0	1	1	0	1
Max.	2	4	2	0	3
Min.	0	0	0	0	0
A.F.	10	90	30	0	30

Water diverted 160 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	19	0	42	42	38	33
2	17	0	40	41	38	35
3	21	0	31	40	41	31
4	21	0	27	58	47	32
5	22	0	26	54	46	33
6	21	0	36	46	33	28
7	21	0	23	49	33	34
8	21	0	23	50	35	29
9	18	0	27	57	37	30
10	18	0	28	52	27	29
11	19	18	29	50	24	31
12	16	19	37	52	40	33
13	12	17	39	46	44	36
14	2	16	39	43	46	41
15	0	23	47	46	45	40
16	0	16	59	47	3	46
17	0	20	60	33	32	33
18	0	26	70	35	34	36
19	0	29	36	40	24	44
20	0	26	0	44	31	44
21	0	26	0	44	30	42
22	0	25	0	47	23	44
23	0	26	0	53	7	43
24	0	28	2	58	22	44
25	0	29	33	40	22	44
26	0	28	37	27	23	52
27	0	28	42	52	21	49
28	0	26	45	45	23	38
29	0	26	48	32	23	64
30	0	31	64	0	25	72
31	0	45		11	28	...
Mean	8	17	25	43	30	40
Max.	22	45	70	58	47	72
Min.	0	0	0	0	3	28
A.F.	490	1050	1960	2650	1870	2360

Water diverted 10380 A.F.

Acreage reported
D-874-1035 4014
A-1181 80
A-1432 60
A-1436 18
Total 4172

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	20	2	0
2	0	0	17	0	0
3	0	0	6	0	1
4	0	0	0	0	1
5	0	20	4	0	2
6	0	24	16	0	2
7	0	21	15	0	2
8	0	18	14	0	3
9	0	20	13	3	4
10	0	21	13	5	5
11	0	19	6	5	5
12	0	17	4	7	6
13	0	15	5	6	6
14	0	14	10	3	6
15	0	14	13	4	6
16	0	13	10	4	6
17	0	9	7	4	6
18	0	8	7	5	7
19	0	6	6	6	7
20	0	10	6	3	6
21	0	8	5	2	6
22	0	0	7	2	6
23	0	0	7	3	7
24	0	0	7	3	6
25	0	0	7	3	6
26	0	10	7	3	6
27	0	15	7	4	6
28	0	14	7	4	7
29	0	13	7	4	11
30	0	22	4	4	13
31	0	...	6	4	...
Mean	0	11	8	3	5
Max.	0	24	20	7	13
Min.	0	0	0	0	0
A.F.	0	660	520	180	310

Water diverted 1670 A.F.

Acreage reported
D-887 2080
Pathfinder storage available

BELMONT-EMPIRE CANAL from North Platte River—Measured through rating flume—Sec. 18-20-51 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	74	0	28	131	145	52	89
2	79	0	26	134	163	69	122
3	70	0	26	117	163	47	112
4	59	0	26	104	165	43	96
5	46	0	23	112	165	46	82
6	38	0	22	137	170	44	73
7	17	0	22	91	175	40	74
8	0	0	18	89	165	48	73
9	0	0	16	144	155	73	71
10	0	0	16	160	166	78	73
11	0	0	19	172	170	84	70
12	0	0	21	168	177	63	74
13	0	0	20	160	188	35	74
14	0	0	22	163	172	89	74
15	0	21	27	173	175	111	71
16	0	40	70	147	156	118	73
17	0	28	70	184	75	112	74
18	0	0	70	175	62	105	68
19	0	0	62	147	74	38	65
20	0	0	59	56	100	11	64
21	0	18	57	9	110	26	63
22	0	35	53	8	91	43	79
23	0	34	66	156	103	48	103
24	0	28	78	152	139	46	123
25	0	26	80	132	137	42	126
26	0	26	73	114	168	45	117
27	0	23	94	111	161	47	117
28	0	23	134	108	158	51	139
29	0	26	131	132	117	54	158
30	0	28	128	139	160	49	123
31	0		137		56	44	
Mean	12	11	55	128	141	58	91
Max.	79	40	137	184	188	118	158
Min.	0	0	16	8	56	11	63
A.F.	760	710	3360	7590	8690	3570	5400

Water diverted 30080 A. F.

Acreage reported
D-828 14344
D-858 1549
Total 15893

BENNETT CANAL from Lodgepole Creek and Bennett Reservoir Measured through rating flume Sec. 22-15-55 W.

Day	May	June	July	Aug.	Sept.
1	4	0	0	6	3
2	4	0	0	4	2
3	4	0	0	4	0
4	3	0	0	4	0
5	3	0	0	0	0
6	3	0	4	4	0
7	3	0	4	4	0
8	3	3	2	4	0
9	3	3	2	0	2
10	3	3	2	0	2
11	4	3	2	0	1
12	4	3	2	0	1
13	4	3	5	0	1
14	4	3	5	0	1
15	4	2	5	0	0
16	4	4	5	0	0
17	4	4	2	1	0
18	5	4	1	2	0
19	5	4	2	2	0
20	0	4	2	1	0
21	0	4	0	3	0
22	0	0	0	6	0
23	0	0	0	4	0
24	0	0	0	4	0
25	0	0	0	4	0
26	0	0	2	3	0
27	0	0	2	2	0
28	0	0	2	2	0
29	0	0	2	3	0
30	0	0	6	3	0
31	0		6	3	
Mean	2	2	2	2	1
Max.	5	4	6	6	3
Min.	0	0	0	0	0
A.F.	140	90	130	140	30

Water diverted 530 A.F.

Acreage reported
A-691 86
A-1975 Storage 418

Bennett Storage included Total 504

BICKEL-FADEN CANAL from Lodgepole Creek—Measured through rating flume Sec. 30-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	1	0	0	0
2	0	0	1	0	0
3	0	0	1	0	0
4	2	0	1	0	0
5	2	0	1	0	0
6	1	0	1	0	0
7	1	0	1	0	0
8	1	2	0	0	0
9	1	2	0	0	0
10	2	2	0	0	0
11	1	2	0	0	0
12	1	2	0	0	0
13	1	1	0	0	0
14	1	1	0	0	0
15	1	1	0	0	0
16	1	1	0	0	0
17	1	1	0	0	0
18	1	1	0	0	0
19	0	1	0	0	0
20	0	1	0	0	0
21	0	1	1	0	0
22	0	0	1	0	0
23	1	0	1	0	0
24	1	0	0	0	0
25	1	0	1	0	0
26	1	0	0	0	0
27	1	0	1	0	0
28	1	0	1	0	0
29	1	0	2	0	0
30	1	0	0	0	0
31	1		0	0	
Mean	1	1	1	0	0
Max.	2	2	2	0	0
Min.	0	0	0	0	0
A.F.	50	40	30	0	0

Water diverted 120 A.F.

Acreage reported
D-347 22
A-719 61
Total 83

BIRDWOOD CANAL from Birdwood Creek Measured through Parshall flumes Sec. 35-15-33 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	2	25	0	30	0	43	37
2	12	28	0	26	17	45	38
3	16	31	0	29	41	45	41
4	12	32	0	46	41	39	43
5	10	28	0	48	41	42	40
6	9	28	0	43	42	42	40
7	9	28	0	34	41	41	41
8	14	23	0	21	40	41	41
9	27	13	0	25	39	42	41
10	30	10	0	24	36	41	41
11	32	13	0	23	36	38	34
12	25	19	0	26	38	37	34
13	11	16	0	25	41	37	35
14	14	15	0	28	41	40	36
15	16	11	0	44	43	42	37
16	14	23	0	43	40	46	36
17	13	28	0	42	39	44	37
18	13	32	6	44	35	44	38
19	11	20	30	48	35	45	38
20	10	5	31	48	40	45	38
21	12	5	30	49	42	44	38
22	15	6	21	17	39	46	38
23	17	5	8	12	44	52	38
24	25	0	21	36	44	8	39
25	32	0	22	38	42	0	41
26	35	0	24	26	42	0	41
27	26	0	24	5	43	0	40
28	14	0	28	30	48	0	26
29	16	0	29	25	49	0	14
30	18	0	30	0	45	6	11
31	22		30		42	35	
Mean	17	15	11	31	39	33	36
Max.	35	32	31	49	49	52	43
Min.	2	0	0	0	0	0	11
A.F.	1060	880	660	1850	2390	2040	2170

Water diverted 11050 A.F.

Acreage reported
D-646 5287

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	35	0	32	41	0	11
2	34	0	38	39	0	19
3	32	0	39	40	0	26
4	32	0	37	38	0	27
5	32	0	32	30	0	28
6	34	0	35	34	0	28
7	38	0	28	37	0	31
8	38	0	9	30	0	36
9	37	0	0	30	1	36
10	37	0	1	28	6	36
11	37	0	2	28	19	36
12	37	0	2	30	21	38
13	36	4	1	28	26	39
14	36	17	4	29	31	41
15	36	20	15	33	38	42
16	36	25	18	37	46	41
17	36	38	16	45	48	33
18	36	34	17	43	47	36
19	36	32	26	44	0	36
20	36	7	30	41	14	36
21	0	0	31	42	24	36
22	0	0	32	46	25	36
23	0	0	32	45	29	36
24	0	0	32	46	22	36
25	0	29	34	44	16	36
26	0	38	34	43	7	38
27	0	36	37	43	6	40
28	0	29	39	42	6	41
29	0	25	35	0	2	40
30	0	26	36	0	1	38
31	0	28		0	6	
Mean	23	12	24	34	14	34
Max.	38	38	39	46	48	42
Min	0	0	0	0	0	11
A.F.	1410	770	1440	2090	870	2050

Water diverted 8630 A.F.

Acreage reported	
D-785	2549
D-795	339
A-1154	30
Total	2918

Crescent Lake Water included

BOELUS POWER CANAL from Middle Loup River Measured through power wheels—Sec. 27-13-12 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	539	591	0	0	0	0	430	550	523	0	438	327
2	390	585	0	0	60	0	440	544	501	0	449	301
3	575	589	0	0	150	0	430	400	508	0	350	130
4	571	582	0	0	270	0	523	516	508	0	290	485
5	568	589	0	0	210	230	526	390	150	0	438	478
6	565	430	0	0	190	210	523	498	562	0	416	499
7	562	589	0	0	170	160	530	390	562	0	423	478
8	562	592	80	40	240	528	530	508	90	0	408	240
9	360	592	110	70	453	505	290	516	300	0	416	489
10	585	140	0	70	130	420	541	200	534	0	376	489
11	585	370	60	140	0	532	552	330	516	170	466	300
12	592	592	40	160	0	514	548	526	523	562	530	510
13	575	589	0	220	0	505	555	410	530	540	380	507
14	582	589	0	120	190	430	548	523	526	478	446	516
15	585	575	0	0	170	496	240	523	510	467	423	513
16	300	575	40	0	0	505	559	523	400	456	441	516
17	572	558	40	0	0	410	552	530	530	300	464	140
18	572	210	0	0	240	512	546	240	512	434	482	530
19	575	577	0	0	320	498	543	523	450	412	330	530
20	565	320	0	0	0	505	544	523	0	412	492	537
21	575	557	0	0	0	507	410	523	0	415	478	541
22	310	541	0	0	0	390	548	420	0	367	464	544
23	579	546	0	0	0	498	537	519	340	376	434	530
24	582	546	0	0	0	505	546	519	210	300	423	370
25	579	0	0	0	0	485	571	516	300	438	412	534
26	575	0	0	10	0	498	550	498	200	431	396	535
27	20	0	0	0	0	400	410	410	380	412	378	544
28	0	0	0	0	0	517	537	460	429	350	110	534
29	240	0	0	0	..	503	567	551	430	388	314	534
30	601	0	0	0	..	510	430	537	440	355	314	541
31	598		0	0		507		530		340	310	
Mean	498	414	12	27	100	396	502	472	382	271	403	457
Max.	601	592	110	220	453	532	571	551	562	562	530	544
Min.	0	0	0	0	0	0	240	200	0	0	110	130
A.F.	30620	24640	734	1650	5540	24360	29860	29050	22740	16670	24780	27220

Water diverted 237860 A.F.

BROWNS CREEK CANAL from North Platte River and Pathfinder Reservoir
Measured through Parshall flume
Sec. 28-20-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	34	0	43	40	17	30
2	42	0	56	31	19	35
3	40	43	55	32	20	40
4	35	33	55	51	16	36
5	32	32	51	52	24	25
6	32	30	54	71	28	28
7	37	32	55	64	21	35
8	43	30	34	66	28	37
9	42	29	12	64	37	37
10	42	24	20	58	38	36
11	0	20	35	58	33	38
12	0	32	28	60	21	40
13	0	27	30	64	35	39
14	0	27	36	59	40	35
15	0	27	45	55	40	30
16	0	31	35	59	42	28
17	0	27	30	57	32	24
18	0	25	24	63	25	22
19	0	32	27	64	9	23
20	0	35	47	53	5	28
21	0	35	4	43	7	35
22	0	37	19	52	6	44
23	0	24	20	44	6	44
24	0	22	19	38	15	40
25	0	33	39	37	18	44
26	0	27	43	37	14	52
27	0	14	38	41	14	55
28	0	9	37	48	13	57
29	0	11	49	18	12	63
30	0	38	55	8	23	50
31	0	52		0	33	
Mean	12	27	37	48	22	38
Max.	43	52	56	66	42	63
Min.	0	0	4	0	6	22
A.F.	750	1660	2170	2950	1370	2240

Water diverted 11140 A.F.
Acreage reported D-857-1033 6143
Pathfinder Storage Available

CASTLE ROCK-STEAMBOAT CANAL from North Platte River
Measured through rating flume
Sec. 14-21-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	49	0	83	63	2	82
2	47	0	84	49	0	80
3	45	0	70	65	25	80
4	42	0	91	86	60	84
5	46	0	99	85	59	80
6	48	0	105	79	68	80
7	49	0	24	71	87	79
8	49	0	0	68	92	79
9	49	0	15	71	91	68
10	49	0	27	75	74	69
11	51	0	52	74	71	68
12	22	0	58	76	79	68
13	23	53	83	77	81	67
14	26	56	73	88	77	68
15	0	63	70	87	74	68
16	0	68	60	91	61	70
17	0	71	73	89	65	74
18	0	72	81	100	59	74
19	0	77	92	96	61	74
20	0	78	86	94	58	74
21	0	73	79	96	67	73
22	0	65	59	92	85	71
23	0	61	65	87	90	69
24	0	73	54	93	84	67
25	0	72	50	91	81	70
26	0	71	48	93	80	70
27	0	78	50	92	79	77
28	0	89	78	93	97	77
29	0	86	79	93	109	22
30	0	86	67	39	89	0
31	0	81		38	85	
Mean	19	44	65	80	71	69
Max.	51	89	105	100	109	84
Min.	0	0	0	38	0	0
A.F.	1180	2720	3880	4940	4340	4130

Water diverted 21190 A.F.
Acreage reported
D-921 6016
A-186R 471
Total 6487

CAMBRIDGE CANAL from Republican River
Measured through 15 foot Parshall flume—Sec. 27-4-25 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	28	34	176	74
2	0	0	23	34	177	84
3	0	0	31	40	183	83
4	15	5	30	42	183	81
5	22	21	31	44	183	71
6	13	25	30	64	190	63
7	14	25	30	71	175	65
8	19	19	31	72	152	65
9	19	14	31	75	151	55
10	19	11	31	69	127	51
11	18	12	30	48	117	52
12	18	12	30	0	89	53
13	17	16	30	0	78	52
14	19	20	30	0	53	52
15	5	23	30	0	54	51
16	0	23	29	0	56	44
17	0	25	30	15	62	44
18	0	23	29	45	79	44
19	0	17	30	60	85	44
20	0	19	30	53	92	44
21	0	27	31	59	83	47
22	0	28	31	66	76	49
23	0	27	31	68	75	49
24	0	27	31	69	74	49
25	0	28	30	80	74	50
26	0	29	30	87	72	50
27	0	31	31	92	72	50
28	0	28	31	91	72	50
29	0	27	31	105	72	49
30	0	27	34	125	72	50
31	0	25		167	72	
Mean	6	20	30	57	106	56
Max.	22	31	34	167	190	84
Min.	0	0	23	0	53	44
A.F.	390	1220	1800	3520	6500	3300

Water diverted 16730
Acreage reported A-3869e 9960

CENTRAL CANAL from North Platte River and Pathfinder Reservoir
Measured through rating flume
Sec. 36-22-55 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	9	0	4	15	14	11	19
2	3	0	3	20	18	11	21
3	0	4	4	26	17	10	19
4	0	4	4	28	19	12	20
5	0	4	6	29	22	12	18
6	0	6	5	25	22	14	11
7	0	8	5	5	20	14	7
8	0	5	4	0	21	17	7
9	0	4	3	3	27	19	8
10	0	2	2	4	26	20	9
11	0	0	2	4	27	23	10
12	0	0	0	13	26	25	11
13	0	0	0	16	27	24	12
14	0	0	0	15	25	21	12
15	0	0	0	21	24	23	13
16	0	0	0	18	19	24	14
17	0	0	0	14	22	26	14
18	0	0	0	18	21	26	14
19	0	0	4	23	17	24	13
20	0	0	3	20	17	23	13
21	0	0	1	14	14	23	11
22	0	0	1	14	15	23	10
23	0	0	1	14	17	25	11
24	0	2	1	11	13	25	11
25	0	0	1	11	13	23	11
26	0	0	1	12	14	21	12
27	0	0	0	12	17	21	15
28	0	4	0	12	15	22	10
29	0	3	1	14	10	21	0
30	0	4	5	13	10	20	3
31	0		13		11	20	
Mean	1	2	2	15	19	20	12
Max.	9	8	13	29	27	26	21
Min.	0	0	0	0	10	10	0
A.F.	20	100	150	880	1150	1240	710

Water diverted 4250 A.F.
Acreage reported D-926 2077
Pathfinder Storage Available

CHIMNEY ROCK CANAL from North Platte River—Measured through rating flume—Sec. 1-20-53 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	40	0	36	60	13	45
2	29	0	32	70	16	46
3	28	0	33	76	18	49
4	34	0	35	66	11	51
5	32	0	37	55	12	48
6	25	0	46	50	29	33
7	22	52	16	55	39	28
8	23	31	10	50	41	33
9	24	19	18	44	30	34
10	26	14	29	56	13	36
11	30	19	25	55	30	36
12	29	22	33	57	40	32
13	11	25	34	61	41	30
14	0	25	34	65	45	30
15	0	25	34	67	44	34
16	0	27	45	67	38	38
17	0	31	50	62	30	32
18	0	31	58	56	30	33
19	0	38	57	52	25	40
20	0	38	44	46	29	46
21	0	36	33	43	33	50
22	0	34	28	49	38	53
23	0	35	26	49	40	58
24	0	37	25	52	42	62
25	0	42	25	46	42	63
26	0	42	26	45	39	57
27	0	47	30	48	38	55
28	0	47	37	53	42	58
29	0	42	44	56	45	52
30	0	38	54	16	46	52
31	0	38		15	46	
Mean	11	27	34	53	33	44
Max.	40	52	58	76	46	63
Min.	0	0	10	15	11	28
A.F.	700	1660	2050	3260	2030	2610

Water diverted 12310 A.F.
Acreage reported D-844-1031 5641
Pathfinder Storage Available

CIRCLE ARROW CANAL from Lodgepole Creek—Measured through rating flume—Sec. 30-15-54 W.

Day	May	June	July	Aug.	Sept.
1	5	1	2	0	0
2	5	0	1	0	0
3	5	1	2	0	0
4	5	1	2	0	0
5	5	1	2	0	0
6	6	1	0	0	0
7	6	2	0	0	0
8	5	2	0	0	0
9	5	2	0	0	0
10	5	2	0	0	0
11	5	2	0	0	0
12	5	1	0	0	0
13	5	1	0	0	0
14	6	1	0	0	0
15	6	1	0	0	0
16	5	1	0	0	0
17	5	1	0	0	0
18	5	1	0	0	0
19	5	1	0	0	0
20	5	1	0	0	0
21	5	1	0	0	0
22	2	2	0	0	0
23	2	2	0	0	0
24	2	2	0	0	0
25	2	2	0	0	0
26	2	3	0	0	0
27	2	3	0	0	0
28	1	3	0	0	0
29	1	2	0	0	0
30	1	2	0	0	0
31	1		0	0	
Mean	4	2	0	0	0
Max.	6	3	2	0	0
Min.	1	0	0	0	0
A.F.	250	90	20	0	0

Water diverted 360 A.F.
Acreage reported D-346 220

CODY-DILLON CANAL from North Platte River—Measured over weir Sec. 10-14-31 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	2	0	3	52	43	43
2	6	0	15	53	42	41
3	16	0	35	45	46	46
4	16	0	30	43	48	40
5	19	0	31	44	50	28
6	22	0	35	41	51	22
7	21	0	25	39	45	22
8	23	0	15	27	31	20
9	18	0	1	24	25	28
10	17	0	2	26	29	31
11	14	0	1	26	35	25
12	12	0	0	24	35	12
13	13	0	5	22	35	11
14	6	0	19	28	26	13
15	0	0	11	31	24	8
16	0	0	3	30	30	3
17	0	0	2	27	20	2
18	0	0	8	32	10	4
19	0	0	7	43	12	6
20	0	0	25	45	13	13
21	0	0	23	44	11	9
22	0	0	19	43	13	6
23	0	0	26	47	24	7
24	0	0	10	47	24	8
25	0	13	8	44	7	15
26	0	18	8	37	20	16
27	0	16	34	33	22	15
28	0	15	37	37	16	11
29	0	19	42	45	19	11
30	0	13	43	47	30	18
31	0	15		45	35	
Mean	7	4	17	38	28	18
Max.	23	19	43	53	51	46
Min.	0	0	0	22	7	2
A.F.	410	220	1040	2320	1730	1060

Water diverted 6780 A.F.
Acreage reported D-649 4660

COLUMBUS POWER CANAL from Loup River
Measured through section of canal—Sec. 6-16-4 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1302	2050	800	170	1753	110	2204	2248	1907	1230	880	619
2	1320	2083	978	280	1753	394	2369	2094	1830	1221	1032	612
3	1350	2204	1340	388	1841	1293	2620	2369	1775	1540	1257	848
4	1410	2127	1520	633	1885	1660	2659	2536	1742	1918	1122	936
5	1490	2072	1630	364	1874	1753	2560	2536	1775	2259	978	1059
6	1510	2116	1660	210	1874	1775	2314	2572	1885	1660	987	1023
7	1620	2138	1742	225	1863	1874	2237	2524	1940	1380	1095	1086
8	1710	2204	1852	310	1863	1819	2452	2369	856	1221	1023	1077
9	1700	2259	1907	268	1929	1797	2584	2248	1490	1284	960	1086
10	1700	2292	1918	328	1764	1852	2633	2428	2452	1311	888	1104
11	1660	2149	1940	412	1775	2006	2500	2488	2369	1400	912	1158
12	1690	2105	185	500	1775	2226	2488	2182	2440	1550	1248	1131
13	1731	2050	74	720	1753	2358	2358	2281	2270	1680	1600	1158
14	1764	2116	61	570	1830	2500	2259	2270	2416	1962	1450	1185
15	2028	2204	114	195	1786	2440	2440	2171	2171	1570	1230	1212
16	2028	2149	612	507	1670	2347	2572	2182	1951	1430	1149	1176
17	2138	2204	1370	619	1480	2347	2536	2237	1808	1311	1122	1185
18	2006	2325	256	656	1480	2380	2560	2226	1640	1320	1113	1203
19	1951	2488	67	752	1720	2380	2369	2204	1530	1248	1149	1203
20	1984	2404	94	824	382	2281	2428	2149	1560	1230	1140	1239
21	2050	2215	98	944	280	2404	2127	2116	1540	1149	1104	1212
22	2050	2116	67	1032	286	2416	1907	2127	1580	1167	1140	1239
23	2006	2182	98	1131	376	2416	1885	2094	1560	987	1122	1248
24	1962	2138	98	1257	598	2440	2171	2116	1830	952	1059	1275
25	1918	1490	67	1370	896	2392	2659	2083	2226	936	952	1275
26	1995	190	102	1540	1239	2270	2672	1929	2006	944	912	1293
27	2050	205	110	1742	1540	2149	2171	1907	1742	1032	840	1275
28	2270	102	82	1731	1470	2215	1841	1742	1590	1005	800	1302
29	2259	134	102	1819	.....	2149	1874	2127	1520	1050	760	1302
30	2138	274	134	1863	.....	2083	2303	2358	1340	1104	688	1293
31	2039		165	1874	.....	2127	.....	2105	.....	1005	648	.....
Mean	1833	1826	685	814	1455	2021	2358	2226	1825	1324	1044	1134
Max.	2270	2488	1940	1874	1929	2500	2672	2572	2452	2259	1600	1302
Min.	1302	102	61	170	280	110	1841	1742	856	936	648	612
A.F.	112720	108660	42130	50050	80800	124270	140330	136900	108580	81430	64190	67470

Water diverted 1117530 A.F.

COURT HOUSE ROCK CANAL
Pumpkinseed Creek—Measured through rating flume
Sec. 30-19-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	15	21	13	0	18	12
2	16	21	13	0	18	12
3	17	21	12	0	17	11
4	17	21	12	0	17	11
5	16	22	15	0	17	11
6	14	22	16	0	17	11
7	14	20	11	0	16	11
8	14	14	12	0	15	11
9	14	11	5	0	14	11
10	13	11	0	10	13	11
11	13	11	0	16	13	11
12	13	11	2	15	15	8
13	13	11	5	14	16	7
14	14	11	8	13	15	6
15	15	11	14	13	15	9
16	14	10	16	13	15	9
17	14	10	18	13	15	12
18	13	10	20	14	16	10
19	13	10	17	14	21	10
20	12	10	14	13	17	10
21	11	10	14	13	15	10
22	12	10	10	16	16	10
23	13	9	8	13	15	10
24	12	9	15	13	14	10
25	12	10	14	12	13	10
26	0	12	15	11	12	10
27	0	12	14	11	12	9
28	0	13	13	13	12	9
29	0	14	12	13	12	9
30	0	14	8	15	12	9
31	0	13		19	12	
Mean	11	13	12	10	15	10
Max.	17	22	20	19	21	12
Min.	0	9	0	0	12	6
A.F.	680	820	690	590	920	600

Water diverted 4300 A.F.
Acreage reported D-840-1028 1462

COURTLAND CANAL from Republican River—Measured through orifice—Sec. 18-1-9 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	19	0
2	0	0	0	19	0
3	0	0	0	19	0
4	0	0	0	17	0
5	0	0	0	17	0
6	0	0	0	17	0
7	0	0	0	17	0
8	0	0	0	17	0
9	0	0	0	17	0
10	0	0	0	17	0
11	0	0	0	17	0
12	0	0	0	17	0
13	0	0	0	17	0
14	0	0	0	17	0
15	0	0	2	15	0
16	0	0	10	15	0
17	0	0	20	15	0
18	0	0	21	15	0
19	0	0	43	15	0
20	0	0	43	13	0
21	0	0	30	5	0
22	0	0	24	0	0
23	0	0	24	0	0
24	0	0	24	0	0
25	0	0	24	0	0
26	0	0	24	0	0
27	0	0	24	0	0
28	0	0	24	0	0
29	0	0	24	0	0
30	0	0	23	0	0
31	0		19	0	
Mean	0	0	13	11	0
Max.	0	0	43	19	0
Min.	0	0	0	0	0
A.F.	0	0	800	670	0

Water diverted 1470 A.F.
Acreage reported A-4222 167
Supplemental storage available

COZAD CANAL from Platte River
Measured through section of Canal
Sec. 13-11-25 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	17	0	0	142	213	154
2	17	0	31	169	213	139
3	16	0	32	176	213	71
4	16	0	32	183	221	65
5	17	0	32	186	232	66
6	19	0	34	204	197	72
7	18	0	41	230	163	68
8	16	0	41	254	138	73
9	14	0	46	297	119	80
10	11	0	43	324	116	80
11	11	0	30	322	113	69
12	11	0	34	326	87	86
13	11	0	36	331	80	72
14	12	0	42	323	75	71
15	12	0	46	310	80	85
16	12	0	46	289	73	79
17	11	0	46	271	77	60
18	11	0	50	246	72	49
19	11	0	54	232	71	46
20	10	0	56	230	99	40
21	10	0	55	222	118	38
22	9	0	82	220	114	43
23	8	0	127	206	115	50
24	8	0	116	177	133	46
25	6	0	113	177	141	38
26	6	0	111	177	104	32
27	6	0	112	179	133	30
28	6	0	120	174	144	28
29	6	0	133	178	144	27
30	6	0	144	210	137	28
31	5	0		212	143	
Mean	19	0	63	232	132	63
Max.	19	0	144	331	232	154
Min	5	0	0	142	71	27
A.F.	1150	0	3740	14240	8090	3740

Water diverted 30960 A.F.
Acreage reported D-626 25220
Sutherland Storage Available

CRESCENT LAKE OUTLET
To Blue Creek
Sec. 21-20-44 W.

Day	May	June	July	Aug.	Sept.
1	0	0	25	0	0
2	0	0	24	0	0
3	0	0	14	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	3	0
14	0	0	0	17	0
15	0	0	16	16	0
16	0	0	28	14	0
17	0	0	27	14	0
18	0	0	26	14	0
19	0	0	25	5	0
20	0	0	24	0	0
21	0	0	23	0	0
22	0	0	21	0	0
23	0	6	20	0	0
24	0	14	19	0	0
25	0	14	19	0	0
26	0	14	18	0	0
27	0	14	8	0	0
28	0	14	0	0	0
29	0	14	0	0	0
30	0	21	0	0	0
31	0		0	0	
Mean	0	4	11	3	0
Max.	0	21	28	17	0
Min.	0	0	0	0	0
A.F.	0	220	670	160	0

Water withdrawn 1050 A.F.

CULBERTSON CANAL from Frenchman River—Measured through rating flume
Sec. 31-5-33 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	96	0	81	92	111	96	102
2	51	0	92	92	107	104	100
3	0	0	86	94	115	100	105
4	0	0	68	96	104	100	113
5	0	0	52	95	100	100	115
6	0	0	75	96	101	100	108
7	0	0	76	97	100	100	108
8	0	0	78	99	104	100	103
9	0	0	78	98	117	100	108
10	0	0	81	98	112	80	111
11	0	0	84	92	119	50	119
12	0	0	82	88	116	110	121
13	0	0	80	90	104	107	119
14	0	0	73	102	111	102	106
15	0	0	69	102	114	98	104
16	0	0	73	100	122	107	98
17	0	0	76	93	112	112	94
18	0	0	72	86	114	115	95
19	0	0	72	103	112	121	102
20	0	0	73	104	110	111	102
21	0	66	74	104	113	111	103
22	0	70	74	113	112	122	102
23	0	70	73	115	114	123	100
24	0	70	72	112	115	118	98
25	0	80	74	109	112	111	100
26	0	80	86	113	112	104	104
27	0	84	88	122	116	104	104
28	0	82	92	133	116	109	104
29	0	82	96	120	109	111	106
30	0	78	100	115	105	106	104
31	0		98		94	102	
Mean	5	25	79	102	110	104	105
Max.	96	84	100	133	122	123	121
Min.	0	0	52	86	94	50	94
A.F.	290	1510	4860	6100	6790	6410	6260

Water diverted 32220 A.F.
Acreage reported D-24, 25, 29, 30 9194

DAWSON COUNTY CANAL from Platte River and Sutherland Reservoir—Measured through section of canal—Sec. 7-10-23 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	131	0	26	179	412	297
2	141	0	50	230	388	285
3	192	0	45	272	440	302
4	165	0	42	274	416	285
5	179	0	43	241	497	293
6	178	0	75	291	506	293
7	85	0	88	310	490	247
8	0	0	84	354	493	219
9	0	0	112	490	440	220
10	0	0	129	506	400	207
11	0	0	115	488	438	189
12	0	0	69	482	374	168
13	0	0	103	477	321	132
14	0	0	141	499	247	119
15	0	0	155	457	254	107
16	0	0	143	442	291	189
17	0	0	141	508	306	170
18	0	0	124	539	331	149
19	0	0	129	517	306	135
20	0	0	157	488	224	131
21	0	0	155	506	210	78
22	0	0	171	475	237	111
23	0	0	183	466	260	134
24	0	0	181	471	241	116
25	0	0	183	479	267	111
26	0	0	183	429	267	100
27	0	0	159	418	220	88
28	0	0	163	396	274	89
29	0	0	203	402	285	93
30	0	0	183	398	270	106
31	0	19		380	258	
Mean	35	1	125	415	334	172
Max.	192	19	203	539	497	297
Min.	0	0	26	179	210	78
A.F.	2120	40	7450	25520	20550	10240

Water diverted 65920 A.F.

Acreage reported	
D-621	500
D-622	65730
D-624	3045
A-2039	5128
A-2093	213
A-2110	19944
A-2145	985
A-2262	890
Total	96435

Sutherland storage available

ELM CREEK CANAL from Platte River and Sutherland Reservoir Measured through rating flume Sec. 5-8-19 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	17	0	12	14	28	78
2	16	0	11	15	37	54
3	17	0	12	18	95	68
4	18	0	11	32	96	34
5	18	0	13	41	96	35
6	14	0	14	70	97	33
7	10	0	16	90	98	31
8	12	0	15	86	98	31
9	10	0	15	82	94	29
10	10	0	14	89	84	28
11	11	0	14	112	83	29
12	11	0	16	69	87	28
13	9	0	15	51	94	35
14	10	0	13	54	74	29
15	8	0	11	49	68	27
16	3	0	11	80	67	22
17	0	0	11	84	72	22
18	0	0	11	90	72	22
19	0	2	13	110	71	22
20	0	2	12	84	64	22
21	0	2	11	84	63	20
22	0	2	11	80	73	20
23	0	4	11	80	80	20
24	0	6	12	81	81	20
25	0	18	12	79	71	21
26	0	14	11	82	70	20
27	0	7	11	83	58	19
28	0	9	11	84	58	20
29	0	16	11	91	57	22
30	0	12	12	89	60	19
31	0	14		40	62	
Mean	6	4	12	71	74	29
Max.	18	18	16	112	98	78
Min.	0	0	11	14	28	19
A. F.	380	210	740	4350	4580	1750

Water diverted 12010 A.F.

Acreage reported	
A-2093R	68
A-2104	15853
Total	15921

Sutherland storage available

ENTERPRISE CANAL from North Platte River—Measured through rating flume—Sec. 27-23-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	29	0	85	87	55	49
2	29	0	95	86	56	51
3	29	0	89	93	49	52
4	29	0	81	94	48	50
5	13	0	82	91	48	51
6	0	0	78	81	50	52
7	0	0	38	71	48	52
8	0	0	0	60	53	50
9	0	0	0	61	56	49
10	0	0	0	61	59	50
11	0	0	0	62	72	36
12	0	0	0	61	64	33
13	0	0	26	62	66	34
14	0	0	52	64	57	36
15	0	0	1	66	62	39
16	0	0	2	66	64	39
17	0	0	15	65	70	39
18	0	0	46	64	66	48
19	0	0	26	65	66	56
20	0	0	3	64	96	56
21	0	0	3	63	105	55
22	0	19	3	68	73	54
23	0	21	4	66	44	55
24	0	32	4	66	44	54
25	0	48	18	66	44	54
26	0	44	84	72	43	54
27	0	36	83	70	54	56
28	0	43	87	68	54	53
29	0	58	87	84	56	52
30	0	73	86	62	51	53
31	0	81		55	51	
Mean	4	15	39	70	59	47
Max.	29	0	0	55	105	56
Min.	0	81	95	94	43	33
A.F.	260	900	2340	4290	3620	2900

Water diverted 14310 A.F.

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	7	7	9	16	15
2	16	7	7	9	16	15
3	16	7	7	10	16	16
4	16	7	7	10	16	16
5	7	7	7	10	16	16
6	0	7	7	10	16	17
7	0	7	7	10	16	17
8	0	7	7	10	16	17
9	0	7	7	10	16	17
10	0	7	7	10	16	17
11	0	7	7	13	16	17
12	0	8	7	13	16	17
13	0	8	7	13	16	17
14	0	8	7	13	16	17
15	0	8	7	13	15	17
16	0	8	7	13	15	17
17	0	8	7	13	15	17
18	0	8	7	12	15	17
19	0	8	7	12	14	17
20	0	8	9	12	14	17
21	0	8	9	12	14	17
22	0	8	9	12	14	17
23	0	8	9	12	13	17
24	0	8	9	11	13	17
25	0	8	9	11	13	17
26	0	8	9	11	13	17
27	0	7	9	11	13	17
28	0	7	9	11	14	17
29	0	7	9	15	14	17
30	0	7	9	16	14	17
31	0	7		16	15	
Mean	2	7	8	12	15	17
Max.	16	8	9	16	16	17
Min.	0	7	7	9	13	15
A.F.	140	460	460	720	920	1000

Water diverted 3700 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	8	1	2	1	6	3
2	8	1	2	1	6	3
3	8	1	2	2	6	2
4	8	1	2	2	6	2
5	3	1	2	2	6	2
6	0	1	2	2	6	1
7	0	1	2	2	6	1
8	0	1	2	2	6	1
9	0	1	2	2	6	1
10	0	1	2	2	6	1
11	0	1	2	3	6	1
12	0	1	2	3	6	1
13	0	1	2	3	6	1
14	0	1	2	3	6	1
15	0	1	2	3	6	1
16	0	1	2	6	6	2
17	0	1	2	6	6	2
18	0	1	2	6	6	2
19	0	1	2	6	5	2
20	0	1	2	6	5	2
21	0	1	2	6	5	2
22	0	1	2	6	5	2
23	0	1	1	6	5	2
24	0	2	1	6	5	1
25	0	2	1	6	5	1
26	0	2	1	6	5	1
27	0	2	1	6	5	1
28	0	2	1	6	4	1
29	0	2	1	6	4	1
30	0	2	1	6	4	1
31	0	2		6	3	
Mean	1	1	2	4	5	1
Max.	8	2	2	6	6	3
Min.	0	1	1	1	3	1
A.F.	70	80	100	260	330	90

Water diverted 930 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	
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

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	5	0	21	6	0	38
2	9	0	22	13	8	39
3	8	0	22	19	0	41
4	5	0	22	11	4	41
5	0	0	21	5	0	39
6	0	0	6	14	1	27
7	0	0	0	28	10	39
8	0	0	0	26	9	46
9	0	0	0	26	0	41
10	0	0	0	21	0	33
11	0	0	0	23	0	21
12	0	0	0	25	0	20
13	0	0	0	36	0	13
14	0	0	0	40	0	19
15	0	0	0	25	0	13
16	0	0	0	48	0	9
17	0	0	5	26	5	0
18	0	0	0	23	10	0
19	0	0	0	13	25	0
20	0	0	0	25	28	0
21	0	0	0	39	24	0
22	0	0	0	37	21	8
23	0	1	0	38	23	10
24	0	2	0	38	27	13
25	0	2	0	38	30	5
26	0	2	0	38	32	0
27	0	2	0	58	34	0
28	0	13	0	22	34	0
29	0	20	0	6	35	0
30	0	20	0	0	37	0
31	0	20		4	37	
Mean	1	3	4	25	14	17
Max.	9	20	22	58	37	46
Min.	0	0	0	0	0	0
A.F.	50	160	240	1530	860	1020

Water diverted 3860 A.F.

ENTERPRISE CANAL
Summary in Acre-feet—1953

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River	260	900	2340	4290	3620	2900	14310
Wet Spotted Tail	140	460	460	720	920	1000	3700
Morrill Drain	70	80	100	260	330	90	930
Stewart Drain	0	0	0	0	0	0	0
Tub Springs	50	160	240	1530	860	1020	3860
Total diversion	520	1600	3140	6800	5730	5010	22800

Water diverted 22800 A.F.
Acreage reported D-920 7279

FORSLING-KINNEY CANAL from Lodgepole Creek—Measured through rating flume—Sec. 33-15-56 W.

Day	May	June	July	Aug.	Sept.
1	0	3	0	0	1
2	0	3	0	0	1
3	0	2	0	0	1
4	0	3	3	0	1
5	0	3	3	0	1
6	0	3	3	0	1
7	0	3	3	0	1
8	0	3	3	0	1
9	0	3	3	0	2
10	0	3	5	0	2
11	0	3	2	0	2
12	0	3	2	0	2
13	0	3	0	0	0
14	0	3	0	0	0
15	0	3	0	0	0
16	0	3	0	0	0
17	0	3	0	0	0
18	0	3	0	0	0
19	0	3	0	0	0
20	2	5	0	0	0
21	2	3	0	0	0
22	2	2	0	0	0
23	2	2	0	0	0
24	1	0	0	0	0
25	2	0	0	0	0
26	2	0	0	0	0
27	2	0	0	0	0
28	2	0	0	0	0
29	2	0	0	0	0
30	1	0	0	0	0
31	2		0	1	
Mean	1	2	1	0	1
Max.	2	5	5	1	2
Min.	0	0	0	0	0
A.F.	40	140	50	2	30

Water diverted 262 A.F.

Acreage reported	
D-348	182
A-718	54
Total	236

FORT LARAMIE CANAL from North Platte River—Measured through Parshall flume Sec. 11-26-65 W., Wyo.

Day	May	June	July	Aug.	Sept.
1	0	1093	1272	1266	1502
2	0	1134	1352	1205	1489
3	0	1149	1355	1174	1412
4	0	1262	1376	1168	1370
5	0	1337	1442	1126	1310
6	0	1319	1502	1129	1258
7	0	1084	1502	1171	1196
8	0	708	1499	1237	1199
9	0	625	1502	1307	1196
10	0	607	1505	1313	1171
11	77	611	1502	1266	1174
12	77	611	1489	1220	1177
13	0	623	1452	1202	1177
14	325	725	1455	1208	1177
15	456	759	1461	1214	1182
16	583	833	1477	1246	1226
17	596	941	1477	1275	1226
18	588	1076	1471	1286	1226
19	543	1101	1449	1328	1226
20	666	1025	1455	1358	1226
21	709	949	1424	1337	1226
22	736	949	1400	1328	1226
23	729	926	1400	1337	1055
24	725	884	1403	1376	759
25	743	871	1403	1391	650
26	844	871	1400	1409	633
27	886	878	1397	1174	400
28	891	952	1412	1121	58
29	942	1009	1415	1174	0
30	1036	1101	1346	1433	0
31	1060	.....	1281	1502	..
Mean	426	934	1428	1267	1038
Max.	1060	1337	1505	1502	1502
Min.	0	607	1272	1121	0
A.F.	26210	55560	87820	77910	61740

Water diverted for irrigation 309240 A.F.

Acreage reported	
A-768 Nebr.	54846
A-2378 Nebr.	102
A-3123 Nebr.	70
Wyoming	50210
Total	105228

Pathfinder storage included

FRANKLIN PUMP CANAL from Republican River—Measured through 4-foot Parshall flume—Sec. 5-1-14 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	4	0	0	28	0
2	0	0	0	0	30	0
3	0	0	0	0	30	0
4	0	3	0	0	30	0
5	0	4	0	0	31	0
6	0	5	0	0	30	0
7	0	6	0	10	31	0
8	0	3	0	16	30	0
9	0	0	0	16	20	0
10	0	0	0	16	14	0
11	0	2	0	16	16	0
12	0	5	0	16	15	0
13	0	4	0	16	15	0
14	0	5	0	14	15	11
15	0	10	0	16	15	16
16	0	16	0	16	15	15
17	0	9	0	15	15	13
18	0	0	0	16	16	8
19	0	0	0	16	16	0
20	0	0	0	14	16	0
21	0	0	0	14	16	0
22	0	0	0	16	16	0
23	0	0	11	16	16	0
24	0	0	16	16	16	0
25	0	0	10	16	16	0
26	0	0	16	16	16	0
27	0	0	5	16	16	0
28	3	0	0	16	12	0
29	3	0	0	15	0	0
30	0	0	0	18	0	0
31	..	0	..	29	0	..
Mean	0	2	2	13	18	2
Max.	3	16	16	29	31	16
Min.	0	0	0	0	0	0
A.F.	10	150	120	800	1090	120

Water diverted 2290 A.F.

Acreage reported A-4227 953

GERING CANAL from North Platte River—Measured through rating flume—Sec. 10-23-60 W., Wyoming

Day	May	June	July	Aug.	Sept.
1	0	73	4	77	156
2	0	87	5	73	149
3	0	83	3	72	149
4	0	86	38	72	148
5	0	78	57	120	147
6	0	86	93	140	145
7	0	3	104	147	145
8	0	0	130	150	145
9	0	0	167	152	150
10	0	0	188	152	151
11	0	0	192	154	148
12	0	0	195	133	148
13	0	0	196	148	145
14	0	0	197	149	144
15	0	0	197	159	145
16	0	0	170	150	141
17	0	0	176	143	146
18	0	70	124	128	149
19	0	85	114	157	149
20	0	85	109	154	145
21	0	84	110	156	146
22	0	85	107	156	151
23	0	86	107	156	154
24	48	91	108	156	152
25	41	22	136	159	80
26	44	20	146	158	52
27	44	18	141	159	45
28	44	6	139	158	40
29	43	5	154	157	43
30	41	3	112	154	0
31	43		74	156	
Mean	11	39	122	140	127
Max.	48	91	197	159	156
Min.	0	0	3	72	40
A.F.	690	2290	7520	8640	7550

Water diverted 26690 A.F.

Acreage reported A-365 14310

Pathfinder storage included

FRENCH CANAL from North Platte River—Measured through orifice Sec. 9-23-60 W., Wyoming

Day	May	June	July	Aug.	Sept.
1	0	17	13	0	0
2	0	8	19	0	0
3	0	13	27	0	0
4	0	19	28	0	0
5	0	13	29	0	0
6	0	16	29	0	0
7	0	15	18	0	0
8	0	12	2	0	0
9	0	7	0	0	0
10	0	4	0	0	0
11	0	2	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	1	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	3	0	0	0
18	0	6	0	0	0
19	0	8	0	0	0
20	0	22	0	0	0
21	0	19	0	0	0
22	0	20	0	0	0
23	0	20	0	0	0
24	1	22	0	0	0
25	0	24	0	0	0
26	10	26	0	0	0
27	10	32	0	0	0
28	10	30	0	0	0
29	16	27	0	0	0
30	15	30	0	0	0
31	17		0	0	
Mean	3	14	5	0	0
Max.	17	32	29	0	0
Min.	0	0	0	0	0
A.F.	150	830	330	0	0

Water diverted 1310 A.F.

Acreage reported

A-1149 Nebr.	770
A-1433 Nebr.	213
A-1581 Nebr.	32
Wyoming	651
Total	1666

GOTHENBURG CANAL from Platte River for Power and Irrigation
Measured through Parshall flume—Sec. 28-12-26 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	162	117	130	130	179	40	119	107	74	348	461	391
2	217	118	120	140	174	80	119	97	116	361	461	396
3	198	124	105	130	155	70	117	104	115	358	453	381
4	174	111	140	120	142	80	117	147	106	371	469	368
5	167	111	130	130	140	50	116	140	116	407	459	348
6	101	111	130	140	140	70	118	135	164	425	461	351
7	76	110	160	160	137	130	122	127	205	440	461	317
8	76	111	178	110	134	135	135	116	256	448	446	356
9	75	111	165	140	134	142	137	108	260	409	456	344
10	75	111	191	200	120	148	137	118	203	456	446	336
11	74	131	160	196	150	138	134	125	158	451	399	324
12	65	129	187	174	110	134	130	115	160	451	401	278
13	62	126	165	174	110	129	132	113	199	451	366	251
14	65	124	110	208	110	140	134	111	224	451	354	224
15	65	122	138	100	100	129	132	111	228	448	384	351
16	77	114	163	108	120	128	128	115	232	448	396	348
17	96	115	155	195	110	125	124	116	239	448	399	351
18	98	117	140	249	110	119	121	125	236	453	381	341
19	100	110	60	196	70	119	111	144	280	451	374	306
20	96	111	50	195	20	114	111	127	310	446	361	251
21	101	104	70	189	20	118	108	123	306	453	417	247
22	105	108	50	137	40	118	118	99	324	461	409	324
23	107	114	80	162	60	114	110	98	319	456	388	322
24	158	96	70	160	50	104	115	123	331	456	404	308
25	126	82	90	138	50	101	112	137	319	451	409	241
26	125	50	50	155	50	101	112	96	339	456	399	226
27	124	70	60	202	50	101	111	78	331	440	368	224
28	118	93	130	143	50	104	111	86	344	466	376	224
29	121	130	150	153	....	110	160	76	334	461	358	247
30	124	120	130	145	....	110	151	137	344	461	407	251
31	119	....	130	150	....	117	....	75	....	464	407	....
Mean	111	110	122	159	101	110	123	114	239	437	411	308
Max.	217	131	191	249	179	148	160	147	344	466	469	396
Min.	62	50	50	100	20	40	108	75	74	348	354	224
A.F.	6840	6550	7510	9780	5620	6780	7340	7000	14220	26870	25250	18300

Water diverted 142060 A.F.

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	81	100	118	83	134	34	110	118	19	102	120	137
2	110	101	96	92	131	19	100	130	19	117	110	136
3	116	85	85	115	116	51	106	131	19	119	108	135
4	109	86	117	75	119	63	105	130	19	92	110	134
5	117	96	113	99	118	59	102	121	19	115	121	136
6	108	96	113	118	116	58	99	110	30	126	131	134
7	66	95	118	126	113	80	96	105	89	137	145	124
8	56	101	133	146	120	144	114	96	92	130	140	134
9	57	112	145	148	118	145	122	94	109	105	142	134
10	57	96	138	144	75	136	119	104	115	101	148	135
11	59	100	135	153	35	124	114	119	51	105	147	121
12	54	101	136	150	75	115	103	101	41	105	130	113
13	41	102	126	143	96	104	106	79	79	108	120	170
14	40	101	79	142	115	111	104	92	85	112	104	78
15	40	101	114	63	117	121	84	90	88	110	120	108
16	40	101	143	25	141	115	91	94	87	106	134	142
17	40	100	142	42	108	95	82	92	86	113	145	142
18	40	100	124	103	168	110	95	93	75	114	133	142
19	40	100	105	135	127	100	81	94	86	108	123	136
20	74	74	84	132	11	97	106	77	110	106	124	76
21	76	90	127	134	6	98	81	35	116	106	138	68
22	73	104	78	132	2	100	67	22	126	107	145	114
23	81	87	58	119	10	94	81	23	124	103	136	139
24	134	105	50	99	34	87	80	30	106	112	134	138
25	127	67	56	110	40	87	81	68	103	110	155	101
26	106	25	60	123	47	85	81	24	100	106	146	62
27	115	50	46	152	18	89	87	23	105	105	144	67
28	79	95	35	134	46	92	85	22	113	98	141	68
29	110	118	30	123	....	85	107	21	99	102	135	72
30	106	107	47	140	....	79	135	46	96	107	132	84
31	74	....	82	134	....	90	....	33	....	114	138	....
Mean	78	93	98	117	84	92	97	78	80	110	132	116
Max.	134	118	145	153	168	145	135	131	126	137	155	170
Min.	40	25	30	25	2	19	67	21	19	92	104	62
A.F.	4810	5550	6020	7210	4670	5690	5800	4790	4770	6750	8130	6900

Water returned 71090 A.F.

GOTHENBURG IRRIGATION CANAL from Platte River Measured through Parshall flume Sec. 28-12-26 W.

Day	May	June	July	Aug.	Sept.
1	0	50	233	328	237
2	0	92	230	337	243
3	0	91	224	331	229
4	0	82	268	345	217
5	0	92	278	323	195
6	0	129	283	314	200
7	0	105	286	298	177
8	0	153	302	288	205
9	0	137	291	296	193
10	0	74	342	279	184
11	0	101	333	234	188
12	0	114	333	255	151
13	0	110	329	231	61
14	0	128	325	237	136
15	0	129	324	249	229
16	9	134	329	245	188
17	13	142	321	236	191
18	20	152	325	231	181
19	38	183	329	235	153
20	41	186	327	221	166
21	83	176	334	261	170
22	72	182	341	246	196
23	70	179	340	235	165
24	88	212	330	253	152
25	60	203	327	235	127
26	67	226	337	235	156
27	50	213	322	206	149
28	59	217	355	217	147
29	50	222	346	206	166
30	86	236	341	259	156
31	37	....	336	251	....
Mean	27	148	314	262	177
Max.	88	236	355	345	243
Min.	0	50	224	206	61
A.F.	1670	8830	19280	16100	10530

Water diverted 56410 A.F.

Acreage reported

D-645a	820
D-645b	17000
A-3716	4585
Total	22405

GRAF CANAL from Blue Creek and Crescent Lake—Measured through Parshall flume—Sec. 19-16-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	12	0	2	15	0	8
2	14	0	16	21	0	7
3	14	0	18	21	0	11
4	14	0	18	25	0	15
5	15	0	19	24	0	15
6	14	0	25	22	0	15
7	12	0	23	29	0	16
8	12	0	10	28	0	15
9	12	0	1	24	0	16
10	5	0	1	23	0	15
11	0	0	2	23	9	15
12	0	0	3	22	14	14
13	0	0	2	21	15	11
14	0	0	6	19	15	6
15	0	0	4	14	20	5
16	0	0	6	12	19	13
17	0	0	7	16	17	17
18	0	0	13	25	11	17
19	0	0	20	24	9	17
20	0	0	19	26	10	14
21	0	0	16	25	8	14
22	0	0	13	20	10	14
23	0	0	19	18	16	13
24	0	0	20	17	13	19
25	0	0	21	15	11	23
26	0	0	14	14	10	22
27	0	0	13	25	10	23
28	0	0	14	13	11	23
29	0	0	15	2	11	18
30	0	0	16	0	11	16
31	0	1		0	10	....
Mean	4	0	13	19	8	15
Max.	15	1	25	29	20	23
Min.	0	0	1	0	0	5
A.F.	250	2	740	1150	520	890

Water diverted 3552 A.F.

Acreage reported

D-763R	85
D-781R	15
D-788	1989
Total	2089

Crescent Lake water included

HAIGLER CANAL from Republican River Measured through section of canal Sec. 2-1-43 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	39	0	15	38	36	39	44
2	39	0	18	37	35	37	35
3	38	0	21	45	32	35	37
4	38	0	25	39	34	32	40
5	38	0	29	39	37	33	41
6	37	0	29	38	36	35	42
7	37	33	29	38	35	37	43
8	37	33	29	37	37	37	44
9	0	33	29	37	38	36	44
10	0	33	29	37	40	35	44
11	0	0	29	37	39	35	44
12	0	0	29	37	39	34	44
13	0	0	29	38	38	33	43
14	0	0	29	39	37	32	43
15	0	0	29	39	37	35	42
16	0	0	29	40	37	38	44
17	0	0	29	38	37	41	45
18	0	0	29	37	38	44	47
19	0	25	29	39	38	45	48
20	0	25	23	40	39	47	47
21	0	25	23	44	40	48	45
22	0	26	24	42	39	48	44
23	0	27	25	39	38	48	44
24	0	28	26	37	37	48	44
25	0	29	26	38	36	48	44
26	0	30	27	40	34	48	41
27	0	31	31	39	33	48	38
28	0	32	36	38	32	48	35
29	0	26	40	38	35	48	31
30	0	20	39	37	38	47	32
31	0	....	38	....	40	45	....
Mean	10	15	28	39	37	41	42
Max.	39	33	40	45	40	48	48
Min.	0	0	15	37	32	32	31

Water diverted 12800 A.F.

Acreage reported

D-1025 Nebr.	2038
Colorado	1120
Total	3158

HURLEY-LILLY-POLLY CANAL from Lodgepole Creek—Measured through rating flume Sec. 26-15-56 W.

Day	May	June	July	Aug.	Sept.
1	0	3	2	0	2
2	0	3	2	0	2
3	0	3	2	0	2
4	0	2	2	0	2
5	0	2	2	0	0
6	0	2	2	0	3
7	0	2	2	0	2
8	0	3	4	4	3
9	0	3	2	4	2
10	0	3	0	4	2
11	0	4	0	5	2
12	0	4	0	0	2
13	0	4	0	0	2
14	4	4	0	0	2
15	4	3	0	0	2
16	4	3	4	0	2
17	4	2	8	0	2
18	4	2	2	0	2
19	4	2	2	0	2
20	2	3	3	0	2
21	2	2	3	0	2
22	5	1	3	0	2
23	4	1	4	4	2
24	4	2	3	4	2
25	3	2	3	4	2
26	3	2	2	4	2
27	2	3	2	3	2
28	3	2	3	3	2
29	1	2	10	2	2
30	2	2	0	2	2
31	2		0	2	....
Mean	2	3	2	1	2
Max.	5	4	8	5	3
Min.	0	1	0	0	0
A.F.	110	150	140	90	120

Water diverted 610 A.F.

Acreage reported

D-354	180

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	14	11	18	14	5	14
2	14	3	13	17	5	13
3	14	6	13	17	11	14
4	14	5	12	15	6	14
5	14	6	15	13	0	14
6	14	4	21	11	0	14
7	14	9	13	14	0	14
8	14	10	14	12	9	12
9	14	12	17	11	15	12
10	14	15	20	12	16	12
11	14	15	17	12	16	12
12	13	15	5	12	17	13
13	12	13	6	12	14	13
14	11	12	5	13	10	12
15	9	14	4	14	11	14
16	9	15	4	14	11	16
17	10	14	4	12	10	15
18	12	8	11	11	13	14
19	13	10	13	12	18	14
20	13	14	16	12	14	14
21	14	13	15	11	12	14
22	15	13	15	11	13	14
23	9	13	14	12	13	13
24	0	13	14	12	7	13
25	0	12	14	12	10	13
26	0	15	14	12	9	13
27	0	16	14	16	10	14
28	0	17	13	18	10	14
29	0	16	14	7	9	14
30	0	16	14	8	8	15
31	0	16	.....	8	10	.....
Mean	9	12	13	12	10	13
Max.	15	17	21	18	18	16
Min.	0	3	4	7	0	12
A.F.	580	730	760	770	620	810

Water diverted 4270 A.F.

Acreage reported
D-781 858
D-788R 19
Total 877

Crescent Lake water included

INTERSTATE CANAL from North Platte River and Pathfinder Reservoir—Measured through rating flume—Sec. 11-26-65 W.

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	1099	0	985	242	1165	1556	1570	1577
2	1083	0	988	266	1189	1672	1472	1549
3	1048	0	1009	308	1252	1706	1454	1465
4	1041	0	1009	308	1351	1742	1374	1367
5	1041	0	1018	308	1348	1832	1381	1306
6	1041	0	1018	302	1243	1901	1496	1303
7	1041	0	1081	300	1000	1973	1658	1303
8	1051	0	1084	400	670	1981	1780	1303
9	1031	0	1075	582	205	1981	1780	1303
10	797	0	1075	605	0	1981	1829	1297
11	547	0	1069	690	0	1925	1514	1204
12	93	0	1060	967	0	1871	1144	1204
13	0	0	1045	1126	0	1829	1117	1210
14	0	0	1033	1024	0	1846	1132	1255
15	0	0	1003	1030	352	1850	1219	1255
16	0	0	908	1033	755	1854	1291	1252
17	0	0	832	1021	1081	1846	1354	1201
18	0	0	835	1018	1117	1846	1430	1201
19	0	0	832	1114	1117	1822	1552	1207
20	0	0	830	1240	1117	1822	1658	1264
21	0	0	822	1201	870	1818	1748	1306
22	0	0	825	1180	858	1822	1748	1312
23	0	340	820	1138	870	1822	1745	1303
24	0	520	722	1138	900	1840	1748	1288
25	0	685	565	1120	1027	1868	1748	1297
26	0	765	386	1177	1120	1871	1748	1081
27	0	898	422	1174	1117	1864	1706	770
28	0	958	438	1126	1123	1846	1696	386
29	0	976	187	1123	1222	1840	1700	30
30	0	979	232	1120	1336	1762	1689	0
31	0	988	.....	1129	.....	1636	1647	.....
Mean	352	229	840	855	847	1833	1553	1160
Max.	1099	988	1084	1240	1351	1981	1829	1577
Min.	0	0	187	242	0	1556	1117	0
A.F.	21640	14100	50000	52580	50390	112710	95460	69020

Water diverted 465900 A.F.

Acreage reported
A-768 Nebr. 111346
Wyoming 16100
Total 127446

Pathfinder storage included

KEARNEY CANAL from Platte River for Power and Irrigation
Measured through section of canal—Sec. 33-9-17 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	352	0	172	185	32	0	209	0	0	68	46	66
2	270	0	177	106	0	0	198	0	0	47	44	61
3	283	31	169	166	0	0	209	0	0	32	34	117
4	203	332	164	186	0	0	202	0	0	24	26	115
5	213	380	168	190	0	0	216	0	0	27	41	105
6	231	364	183	192	0	0	204	0	0	28	33	93
7	308	367	196	197	0	0	210	0	0	50	57	88
8	312	352	209	198	0	0	249	0	0	91	47	111
9	346	343	212	214	0	0	256	0	0	110	69	59
10	360	325	186	240	0	0	237	0	0	105	71	18
11	380	340	141	217	0	0	235	0	0	109	69	69
12	396	335	46	206	0	241	220	0	0	167	66	72
13	381	188	17	202	0	270	193	0	0	170	74	102
14	389	24	10	172	0	263	201	0	131	103	81	104
15	356	241	11	61	0	252	207	0	117	75	78	117
16	356	316	22	69	0	234	199	0	169	76	77	89
17	352	333	18	73	0	234	204	0	173	78	69	74
18	349	354	12	104	0	232	201	0	185	70	62	69
19	348	356	12	128	0	222	209	0	162	78	58	104
20	107	349	14	103	0	226	202	0	118	134	52	117
21	0	368	16	134	0	231	204	0	100	135	54	123
22	0	364	17	137	0	235	213	0	109	114	49	130
23	0	356	24	131	0	229	164	0	120	108	46	36
24	0	352	35	136	0	204	36	0	107	92	48	30
25	0	105	32	154	0	177	0	0	104	81	49	26
26	0	83	40	134	0	193	0	0	104	74	63	23
27	0	73	53	151	0	196	0	0	100	75	51	25
28	0	67	78	187	0	214	0	0	121	67	47	44
29	0	73	114	186	..	204	0	0	114	71	46	68
30	0	120	140	180	..	196	0	0	83	67	40	70
31	0	....	176	133	..	221	..	0	....	51	38	....
Mean	203	243	92	157	1	144	162	0	71	83	54	78
Max.	396	380	212	240	32	270	256	0	185	170	78	130
Min.	0	0	10	61	0	0	0	0	0	24	26	18
A.F.	12480	14460	5680	9660	60	8870	9680	0	4200	5110	3340	4610

Water diverted 78150 A.F.

Acreage reported D-1023 4210

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	295	0	162	169	31	0	210	0	0	70	0	0
2	274	0	168	94	7	0	199	0	0	59	0	0
3	255	0	159	166	0	0	212	0	0	0	0	83
4	228	154	148	168	0	0	216	0	0	0	0	77
5	216	318	119	186	0	0	220	0	0	0	0	98
6	222	319	116	198	0	0	205	0	0	0	0	86
7	284	326	123	210	0	0	218	0	0	0	0	119
8	294	334	128	198	0	0	231	0	0	29	0	104
9	306	337	172	184	0	0	243	0	0	63	0	76
10	334	337	175	214	0	0	238	0	0	51	0	30
11	327	330	185	205	0	0	226	0	0	62	28	20
12	340	326	41	208	0	90	220	0	0	164	9	33
13	321	297	35	192	0	258	215	0	0	129	13	84
14	342	42	13	160	0	249	202	0	0	25	29	83
15	343	216	0	56	0	246	194	0	100	0	28	79
16	337	308	0	64	0	237	194	0	153	0	54	86
17	324	300	0	68	0	225	175	0	153	18	45	98
18	318	313	47	96	0	225	198	0	166	20	26	35
19	310	311	50	120	0	224	202	0	136	4	14	72
20	266	322	31	95	0	231	203	0	122	84	3	100
21	38	322	14	145	0	232	198	0	70	132	19	129
22	0	330	15	125	0	246	188	0	70	73	0	139
23	0	327	15	131	0	242	52	0	96	58	0	93
24	0	321	31	138	0	225	0	0	77	37	0	0
25	0	219	37	167	0	219	0	0	68	16	0	0
26	0	69	38	139	0	212	0	0	100	25	0	10
27	0	90	46	159	0	222	0	0	75	25	0	6
28	0	28	76	180	0	218	0	0	114	18	0	0
29	0	13	98	187	..	218	0	0	105	12	0	0
30	0	56	130	163	..	173	0	0	87	9	0	0
31	0	....	159	159	..	205	..	0	....	4	0	....
Mean	193	222	82	153	1	140	155	0	56	38	9	58
Max.	343	337	185	214	31	258	243	0	166	164	54	139
Min.	0	0	0	56	0	0	0	0	0	0	0	0
A.F.	11850	13220	5020	9410	70	8630	9240	0	3360	2350	530	3450

Water returned 48200 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	87	23	0	94	87	86	88
2	88	22	0	81	88	86	87
3	82	20	0	77	90	86	83
4	75	18	0	77	91	84	84
5	72	16	15	80	90	86	83
6	75	9	46	75	90	84	83
7	68	0	47	76	86	84	80
8	62	0	57	63	86	86	79
9	55	0	54	66	84	81	77
10	48	0	60	55	87	77	79
11	44	0	61	53	87	81	76
12	41	0	67	67	88	79	77
13	40	0	68	65	88	79	79
14	41	0	66	52	88	76	76
15	49	0	71	57	84	76	75
16	41	0	70	60	80	76	83
17	40	0	70	62	84	79	83
18	39	0	67	72	83	81	77
19	39	0	71	72	86	83	76
20	39	0	75	71	83	86	79
21	38	0	81	74	83	90	74
22	37	0	83	79	80	88	75
23	36	0	87	84	84	87	79
24	36	0	105	86	81	61	80
25	35	0	122	88	83	76	76
26	34	0	122	86	84	80	80
27	31	0	108	76	81	84	79
28	30	0	57	86	86	88	77
29	27	0	91	84	84	90	71
30	28	0	86	86	84	88	71
31	25		72		87	86	
Mean	48	4	64	73	85	82	79
Max.	88	23	122	94	91	90	88
Min.	25	0	0	52	80	61	71
A.F.	2940	210	3930	4370	5250	5070	4690

Water diverted 26460 A.F. Acreage reported D-722 6188

KIMBALL CANAL from Lodgepole Creek—Measured through section of canal—Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	0	19	0	30
2	0	0	20	0	34
3	0	0	26	0	30
4	0	0	21	0	29
5	0	0	27	0	28
6	0	0	27	0	22
7	0	0	27	0	22
8	0	0	0	0	21
9	0	0	0	0	21
10	0	0	32	0	22
11	0	0	56	18	22
12	0	0	26	10	23
13	0	0	32	33	23
14	0	0	32	30	0
15	0	0	29	28	25
16	0	0	28	14	26
17	0	5	23	0	25
18	0	6	16	30	28
19	0	5	14	26	29
20	0	39	12	34	29
21	0	5	11	34	20
22	0	8	12	0	0
23	0	16	10	34	0
24	0	8	14	35	0
25	0	8	16	32	0
26	0	8	17	34	0
27	0	6	25	31	0
28	0	5	25	30	0
29	0	14	55	35	0
30	0	13	0	28	0
31	0		0	30	
Mean	0	5	21	18	17
Max.	0	39	56	35	34
Min.	0	0	0	0	0
A.F.	0	290	1290	1080	1010

Water diverted 3670 A.F. Acreage reported A-897 4500

Oliver storage included

LAST CHANCE CANAL from Pumpkinseed Creek—Measured through rating flume—Sec. 27-19-50 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	5	2	0	9	10	7	7
2	5	2	0	9	10	6	7
3	5	2	0	9	8	5	7
4	5	2	0	9	5	5	7
5	5	2	0	8	9	5	7
6	5	0	0	8	9	5	7
7	5	0	0	8	9	5	7
8	5	0	0	9	9	5	7
9	5	0	0	8	9	6	7
10	5	0	0	7	9	6	7
11	5	0	0	7	7	6	7
12	5	0	0	6	8	5	7
13	5	0	0	6	8	5	7
14	5	0	0	6	8	5	8
15	5	0	0	5	8	6	8
16	5	0	0	5	5	6	8
17	5	0	0	5	3	6	8
18	4	0	0	5	8	7	8
19	4	0	0	5	6	8	9
20	4	0	0	10	6	7	8
21	4	0	0	9	6	7	8
22	4	0	5	6	6	7	8
23	4	0	5	7	6	7	8
24	5	0	5	6	6	7	8
25	5	0	5	6	6	7	9
26	5	0	5	6	6	7	9
27	6	0	6	6	6	7	9
28	6	0	7	7	6	7	9
29	5	0	7	9	7	7	9
30	5	0	7	9	7	7	9
31	3		8		7	7	
Mean	5	0	2	7	7	6	8
Max.	6	2	8	10	10	8	9
Min.	3	0	0	5	3	5	7
A.F.	300	20	120	430	440	380	460

Water diverted 2150 A.F. Acreage reported D-883 442

LISCO CANAL from North Platte River
Measured over weir
Sec. 24-18-47 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	17	0	10	30	45	0	17
2	18	0	7	33	49	0	19
3	16	0	8	35	49	0	31
4	21	0	6	45	45	0	25
5	12	0	11	52	45	0	24
6	9	0	11	55	48	0	19
7	11	0	11	42	51	0	12
8	11	0	12	7	49	6	17
9	8	0	11	10	49	4	21
10	2	0	8	15	48	20	34
11	0	0	9	7	23	41	36
12	0	0	7	14	19	65	36
13	0	0	8	11	28	47	39
14	0	0	11	5	36	24	34
15	0	0	16	8	33	30	29
16	0	0	18	19	36	22	29
17	0	0	16	11	57	29	38
18	0	0	17	16	35	21	41
19	0	0	12	17	20	16	33
20	0	0	14	23	24	28	28
21	0	0	15	29	34	11	33
22	0	0	18	25	35	18	36
23	0	0	13	22	33	21	36
24	0	0	10	22	31	24	43
25	0	0	10	22	33	22	45
26	0	18	15	29	35	23	46
27	0	29	15	39	36	0	41
28	0	25	15	46	33	4	36
29	0	21	11	49	38	20	35
30	0	8	6	49	0	18	45
31	0		25		0	19	
Mean	4	3	12	26	35	17	32
Max.	21	29	25	55	57	65	46
Min.	0	0	6	5	0	0	12
A.F.	250	200	740	1560	2180	1060	1900

Water diverted
7890 A.F.

Acreage reported	
D-856	1392
D-787R	1158
D-796	300
A-243R	635
A-991	216
A-4658	112
Total	3813

LYONS CANAL from North Platte River—Measured through Parshall flume—Sec. 29-17-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	14	0	2	10	0	0
2	14	0	1	11	0	1
3	16	0	1	9	0	7
4	15	0	0	5	3	11
5	14	0	0	3	3	12
6	12	0	0	2	2	13
7	11	0	0	3	2	13
8	0	0	0	4	2	15
9	0	0	0	3	2	18
10	0	0	0	4	2	11
11	0	0	8	2	3	12
12	0	0	2	4	2	16
13	0	0	1	4	3	15
14	0	0	0	3	14	19
15	0	0	0	5	11	21
16	0	0	2	15	10	20
17	0	0	3	19	13	16
18	0	0	0	24	13	14
19	0	0	0	24	9	15
20	0	0	0	25	2	13
21	0	0	6	23	1	13
22	0	0	8	22	1	13
23	0	0	7	24	1	14
24	0	0	7	25	1	12
25	0	0	4	25	1	12
26	0	0	3	26	1	15
27	0	0	2	28	1	16
28	0	0	0	13	1	15
29	0	0	13	0	1	14
30	0	0	12	0	0	22
31	0	0		0	0	
Mean	3	0	3	12	3	14
Max.	16	0	13	28	14	22
Min.	0	0	0	0	0	0
A.F.	190	0	160	720	210	810

Water diverted
2090 A.F.

Acreage reported
D-803 903

McINTOSH CANAL from Lodgepole Creek—Measured through rating flume—Sec. 23-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	3	3	0	2
2	0	1	3	0	2
3	0	4	3	0	2
4	0	4	3	0	0
5	0	4	2	0	0
6	0	4	2	0	0
7	0	3	2	0	0
8	0	4	2	0	0
9	0	4	2	0	3
10	0	3	2	0	3
11	0	3	2	0	3
12	0	2	2	0	3
13	0	2	2	0	3
14	0	2	2	0	0
15	0	4	2	0	0
16	0	4	2	0	0
17	0	3	2	0	0
18	0	3	2	0	0
19	0	4	2	0	0
20	0	4	0	0	0
21	0	3	0	1	0
22	3	5	0	2	0
23	3	5	0	2	0
24	3	6	0	2	0
25	3	6	0	2	0
26	3	6	0	3	0
27	3	7	0	3	0
28	3	7	0	2	0
29	3	6	0	2	0
30	3	6	0	2	0
31	4		0	2	
Mean	1	4	1	1	1
Max.	4	7	3	3	3
Min.	0	1	0	0	0
A.F.	60	240	80	50	40

Water diverted
470 A.F.

Acreage reported
D-351 176
A-734 122
Total 298

MEEKER CANAL from Republican River—Measured through rating flume—Sec. 15-3-31 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	31	0	27	28	28	31
2	31	0	26	28	24	30
3	40	0	18	24	21	31
4	43	0	18	27	24	40
5	46	0	16	30	29	39
6	46	0	17	30	23	40
7	39	12	17	30	27	35
8	42	27	16	35	24	30
9	42	32	16	42	24	27
10	41	35	17	46	32	28
11	42	32	23	58	30	28
12	42	28	23	32	37	33
13	43	23	23	0	25	40
14	44	20	28	14	24	39
15	44	21	30	23	27	30
16	18	20	31	22	28	27
17	0	20	33	26	28	25
18	0	18	30	25	28	23
19	0	15	26	27	27	22
20	0	14	25	28	30	24
21	0	14	38	26	36	28
22	0	18	35	26	34	26
23	0	22	33	31	35	25
24	0	21	30	44	55	26
25	0	21	29	31	53	27
26	0	24	28	34	44	27
27	0	24	27	35	35	27
28	0	23	30	33	27	25
29	0	20	30	30	28	25
30	0	30	28	28	31	33
31	0	28		27	35	
Mean	20	18	26	30	31	30
Max.	46	35	38	58	55	40
Min.	0	0	16	0	21	22
A.F.	1260	1110	1520	1820	1890	1770

Water diverted 9370 A.F.

Acreage reported D-4, 7 ,8. 9 2930

Supplemental Storage Available

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	23	0	11	24	45	44
2	24	0	15	23	48	42
3	23	0	18	23	48	41
4	23	0	16	24	45	41
5	24	0	18	22	40	40
6	25	0	20	24	40	39
7	21	0	13	24	41	39
8	15	0	7	27	38	34
9	14	0	5	32	40	30
10	15	0	8	32	40	32
11	16	0	8	35	30	32
12	17	0	8	35	29	32
13	17	0	8	37	26	31
14	18	0	10	41	29	26
15	0	0	12	40	37	26
16	0	0	12	40	35	28
17	0	0	10	41	33	28
18	0	0	10	41	33	28
19	0	20	10	42	34	31
20	0	37	11	42	35	30
21	0	32	10	42	34	27
22	0	22	12	43	33	23
23	0	23	16	44	34	20
24	0	21	21	44	38	20
25	0	20	20	42	43	22
26	0	20	17	43	40	21
27	0	18	15	43	41	18
28	0	11	15	42	44	16
29	0	11	20	44	45	17
30	0	14	23	47	46	17
31	0	12		48	44	
Mean	9	8	13	36	38	29
Max.	25	37	23	48	48	44
Min.	0	0	5	22	26	16
A.F.	550	520	790	2240	2360	1740

Water diverted 8200 A.F.

Acreage reported
A-2293 3074
A-2678 82
Total 3156

MEREDITH-AMMER CANAL from Pumpkinseed Creek—Measured through rating flume—Sec. 23-19-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	3	0	6	4	4	6
2	2	2	7	8	5	6
3	0	2	7	9	4	5
4	0	3	7	11	5	4
5	0	2	10	12	5	4
6	0	2	7	13	5	4
7	0	1	4	13	5	4
8	0	2	4	13	4	4
9	0	2	4	13	5	3
10	0	2	4	14	6	3
11	0	2	4	14	6	2
12	0	2	4	12	6	2
13	0	1	3	10	5	2
14	0	1	3	12	5	2
15	0	1	4	11	5	2
16	0	1	5	11	6	2
17	0	3	5	10	5	2
18	0	5	4	8	6	2
19	0	5	3	7	5	1
20	0	7	0	8	5	1
21	0	7	0	9	1	1
22	0	6	0	8	0	1
23	0	8	0	8	0	1
24	0	8	0	8	0	1
25	0	9	0	7	6	1
26	0	9	0	8	9	2
27	0	8	0	9	8	3
28	0	8	1	8	8	3
29	0	7	4	6	8	3
30	0	7	4	7	7	3
31	0	7		5	7	
Mean	0	4	3	10	5	3
Max.	3	9	10	13	9	6
Min.	0	0	0	4	0	1
A.F.	10	260	210	590	310	160

Water diverted 1540 A.F.

Acreage reported
D-876 435
*D-828 291
Total 726

*Belmont appropriation carried by Meredith-Ammer for lands west of Pumpkinseed Creek.

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	20	26	49	61
2	21	0	27	31	54	61
3	20	0	30	35	62	64
4	18	0	27	37	58	40
5	18	0	27	34	56	39
6	18	0	29	37	58	39
7	17	0	12	34	62	44
8	17	0	16	35	60	50
9	17	0	21	42	56	50
10	18	0	18	41	56	50
11	17	0	18	40	36	47
12	17	0	22	39	37	47
13	18	0	20	36	41	46
14	18	0	16	38	40	31
15	17	0	13	43	41	16
16	12	0	12	50	40	28
17	6	0	12	50	35	27
18	5	0	13	51	30	27
19	3	0	14	51	28	22
20	1	0	23	48	29	24
21	0	0	28	54	28	29
22	0	0	30	67	27	31
23	0	8	31	74	27	33
24	0	16	36	74	33	30
25	0	14	36	64	41	32
26	0	20	31	57	48	34
27	0	24	29	64	62	33
28	0	19	28	62	62	32
29	0	18	26	57	62	36
30	0	21	23	50	60	33
31	0	18	...	62	71	...
Mean	10	5	23	48	47	38
Max.	22	24	36	74	71	64
Min.	0	0	12	26	27	16
A.F.	600	310	1360	2940	2870	2250

Water diverted
10330 A.F.

Acreage reported

A-2293	2649
A-2678	217
A-4131	16
Total	2882

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	64	0	29	63	106	79
2	59	0	33	72	100	86
3	52	0	32	70	110	95
4	41	0	24	70	111	86
5	33	0	24	66	105	70
6	33	0	37	71	108	62
7	16	0	42	70	108	61
8	0	0	26	76	110	61
9	0	0	23	85	108	61
10	0	0	28	84	109	62
11	0	0	18	89	82	62
12	0	0	16	92	92	60
13	0	0	22	80	94	50
14	0	0	12	78	86	46
15	0	0	11	76	77	42
16	0	0	17	74	84	35
17	0	0	17	73	68	51
18	0	9	19	70	70	65
19	0	13	27	69	72	56
20	0	12	43	72	71	47
21	0	26	58	80	68	48
22	0	36	48	93	68	46
23	0	33	44	120	70	47
24	0	35	64	106	68	39
25	0	28	68	102	80	38
26	0	41	52	102	80	39
27	0	33	46	118	74	41
28	0	36	43	110	70	33
29	0	35	46	100	75	32
30	0	33	48	110	82	35
31	0	28	...	108	82	...
Mean	10	13	34	85	87	54
Max.	64	41	68	120	111	95
Min.	0	0	11	63	68	32
A.F.	590	790	2020	5250	5330	3240

Water diverted
17220 A.F.

Acreage reported

A-2293	6579
A-2678	217
A-4360	57
Total	6853

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	34	0	19	66	114	100
2	40	0	23	70	106	102
3	37	0	35	71	117	99
4	37	0	40	70	118	96
5	40	0	36	69	118	74
6	36	0	30	70	121	72
7	28	0	33	70	122	72
8	26	0	1	69	123	47
9	30	0	12	68	118	58
10	30	0	22	66	117	53
11	29	0	20	67	95	52
12	31	0	21	65	79	48
13	33	0	18	63	98	48
14	33	0	16	61	98	49
15	41	0	15	62	100	54
16	18	0	14	63	100	53
17	0	0	20	64	98	47
18	0	0	31	68	100	39
19	0	0	42	70	100	38
20	0	0	50	82	102	37
21	0	0	56	95	101	36
22	0	0	60	92	102	37
23	0	5	68	103	103	37
24	0	20	69	110	102	40
25	0	24	61	103	100	44
26	0	26	61	94	100	39
27	0	31	58	105	99	36
28	0	26	58	104	102	35
29	0	24	55	98	103	35
40	0	24	58	110	104	35
31	0	25	...	121	104	...
Mean	17	7	37	80	105	54
Max.	41	31	69	121	123	102
Min.	0	0	1	61	79	35
A.F.	1040	410	2190	4940	6470	3190

Water diverted
18240 A.F.

Acreage reported

A-2293	7026
A-2678	188
Total	7214

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in acre-feet—1953

Diversion:	Oct.	May	June	July	Aug.	Sept.	Total
Canal No. 1	550	520	790	2240	2360	1740	8200
Canal No. 2	600	310	1360	2940	2870	2250	10330
Canal No. 3	590	790	2020	5250	5330	3240	17220
Canal No. 4	1040	410	2190	4940	6470	3190	18240
Total diversion	2780	2030	6360	15370	17030	10420	53990

MIDLAND-OVERLAND CANAL from North Platte River—Measured through Parshall flume Sec. 2-16-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	2	0	0	12	0	0
2	2	0	19	22	0	0
3	2	0	22	21	0	4
4	2	0	18	16	0	1
5	2	0	16	13	0	0
6	2	0	25	13	0	0
7	2	0	0	13	0	0
8	2	0	0	10	0	0
9	0	0	0	4	0	0
10	0	0	28	3	0	0
11	0	0	22	4	6	0
12	0	0	12	6	8	0
13	0	0	10	4	8	0
14	0	0	9	5	9	0
15	0	0	0	4	4	0
16	0	0	0	4	0	0
17	0	0	0	5	0	0
18	0	0	0	8	0	0
19	0	0	0	11	0	0
20	0	0	3	18	0	0
21	0	0	10	19	0	0
22	0	0	12	19	0	0
23	0	0	12	20	0	2
24	0	0	11	11	0	2
25	0	0	11	10	0	2
26	0	0	11	9	0	2
27	0	0	10	12	0	2
28	0	0	9	16	0	2
29	0	0	8	16	0	2
30	0	0	6	11	0	3
31	0	0		0	0	
Mean	1	0	9	11	1	1
Max.	2	0	28	22	9	4
Min.	0	0	0	0	0	0
A.F.	30	0	560	670	70	40

Water diverted 1370 A.F.

Acreage reported

D-789	1000
D-791	1051
D-800	
O.D. A-1742	97
Total	2148

MINATARE CANAL from North Platte River—Measured through rating flume—Sec. 32-22-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	63	0	84	69	64	58
2	63	0	84	80	63	51
3	63	0	84	90	53	40
4	60	0	88	103	51	35
5	53	0	92	96	50	39
6	17	0	100	102	46	38
7	0	0	64	106	45	39
8	0	0	58	104	47	40
9	0	0	38	98	46	47
10	0	0	33	90	46	50
11	0	0	51	86	51	51
12	0	0	44	86	48	53
13	0	0	0	91	44	52
14	0	0	0	98	40	53
15	0	0	39	100	42	54
16	0	20	56	99	49	55
17	0	19	65	103	50	53
18	0	20	70	108	48	52
19	0	50	71	99	44	58
20	0	51	76	95	38	65
21	0	48	76	97	45	64
22	0	89	72	96	49	63
23	0	89	61	106	50	63
24	0	87	54	108	48	53
25	0	86	45	101	47	62
26	0	87	42	83	53	75
27	0	87	44	81	59	86
28	0	87	44	92	61	86
29	0	84	50	92	65	80
30	0	83	63	88	65	76
31	0	83		74	61	
Mean	10	35	58	94	51	56
Max.	63	89	100	108	65	86
Min.	0	0	0	69	38	35
A.F.	630	2120	3470	5790	3110	3350

Water diverted 18470 A.F.

Acreage reported

D-919	7689
D-919	50
D-919	109
Total	7848

MIRAGE FLATS CANAL from Niobrara River—Measured through Parshall flume—Sec. 26-29-48 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	22	0	0	83	47	90
2	0	0	0	97	43	86
3	0	0	1	103	43	76
4	0	0	8	104	38	72
5	0	0	46	104	34	64
6	0	0	46	128	38	61
7	0	0	47	143	42	55
8	0	0	57	144	46	52
9	0	0	67	147	48	54
10	0	0	70	134	82	56
11	0	0	69	128	106	52
12	0	0	67	129	111	49
13	0	0	67	131	125	47
14	0	0	67	143	139	46
15	0	0	67	145	139	48
16	0	0	56	156	139	50
17	0	0	50	154	139	51
18	0	0	50	141	139	52
19	0	0	49	139	126	52
20	0	0	23	137	109	49
21	0	0	0	128	102	47
22	0	0	0	123	83	58
23	0	0	0	120	75	67
24	0	0	0	116	75	73
25	0	0	0	100	89	73
26	0	0	0	99	95	65
27	0	0	0	111	100	61
28	0	0	0	99	100	61
29	0	0	10	83	98	34
30	0	0	37	67	96	21
31	0	0		51	97	
Mean	1	0	32	119	88	57
Max.	22	0	70	156	139	90
Min.	0	0	0	51	34	21
A. F.	40	0	1890	7310	5440	3420

Water diverted 18100 A.F.
Box Butte storage included

Acreage reported
A-2683 9312
A-3729 2328
Total 11640

NINE MILE CANAL from North Platte River—Measured through rating flume—Sec. 17-21-53 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	57	0	56	62	63	68
2	55	0	81	64	61	71
3	69	0	92	44	58	62
4	71	0	86	30	51	65
5	68	0	75	46	58	77
6	64	0	34	53	59	79
7	62	18	56	43	60	72
8	60	10	50	57	66	56
9	57	0	39	77	68	68
10	53	19	17	76	67	67
11	55	22	74	77	64	65
12	34	37	83	75	56	66
13	0	49	86	83	56	65
14	0	49	62	79	71	64
15	0	47	68	74	54	62
16	0	45	46	75	52	63
17	0	46	64	62	54	64
18	0	46	79	68	55	64
19	0	53	76	67	47	64
20	0	55	88	68	53	64
21	0	47	62	66	62	65
22	0	42	73	55	62	63
23	0	0	71	55	62	59
24	0	35	64	50	55	56
25	0	37	62	52	61	56
26	0	34	69	62	65	57
27	0	34	83	64	62	68
28	0	41	58	67	61	81
29	0	47	62	75	62	79
30	0	47	59	22	65	80
31	0	43		20	65	
Mean	23	29	66	60	60	66
Max.	71	55	92	83	68	81
Min.	0	0	17	20	47	56
A.F.	1400	1790	3920	3700	3680	3950

Water diverted 18440 A.F.

Acreage reported
D-925 5618
D-925
O.D. P-262 71
Total 5689

MITCHELL CANAL from North Platte River—Measured through rating flume Sec. 10-23-60 W., Wyoming

Day	May	June	July	Aug.	Sept.
1	0	150	194	102	130
2	113	150	194	100	125
3	167	150	194	100	124
4	118	150	194	100	122
5	50	180	194	100	122
6	36	180	194	100	121
7	28	180	194	100	123
8	0	0	194	100	120
9	0	0	194	102	93
10	0	0	194	102	77
11	60	0	194	104	72
12	121	0	197	125	75
13	158	0	197	125	75
14	167	0	198	125	75
15	169	63	198	133	75
16	158	103	204	125	75
17	162	104	116	125	75
18	164	110	124	125	75
19	163	126	114	132	75
20	154	125	110	130	75
21	154	123	109	130	75
22	151	126	107	131	75
23	191	126	108	131	78
24	150	132	107	132	76
25	150	194	100	133	80
26	150	194	100	134	75
27	150	194	100	134	75
28	150	194	100	133	75
29	150	194	100	132	75
30	150	194	100	130	54
31	150		100	130	
Mean	119	115	152	120	88
Max.	169	194	204	134	130
Min.	0	0	100	100	54
A.F.	7310	6830	9380	7350	5240

Water diverted 36110 A.F.
Pathfinder storage included

Acreage reported
D-1052 13633

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT—ORD NORTH LOUP CANAL from North Loup River Measured through rating flume Sec. 36-19-14 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	32	0	37	25	102	83
2	29	0	37	25	104	84
3	29	0	34	26	105	68
4	27	0	30	20	103	69
5	24	0	29	20	103	58
6	23	0	28	22	104	53
7	23	0	12	21	104	48
8	19	0	0	21	106	42
9	18	0	0	21	108	33
10	17	0	0	21	108	35
11	16	0	13	21	76	39
12	16	9	26	0	50	35
13	16	17	24	0	38	33
14	15	19	26	19	40	30
15	12	19	27	21	35	22
16	13	19	24	21	32	17
17	9	16	24	20	30	17
18	16	17	24	21	30	17
19	0	20	26	26	42	16
20	0	27	27	30	43	16
21	0	27	32	35	44	17
22	0	26	33	40	44	16
23	0	28	31	44	43	15
24	0	34	24	56	43	15
25	0	36	25	62	49	14
26	0	41	24	74	50	12
27	0	40	24	80	58	12
28	0	37	24	83	64	14
29	0	38	23	86	75	14
30	0	38	24	93	82	14
31	0	38		101	82	
Mean	11	18	24	37	68	32
Max.	32	41	37	101	108	84
Min.	0	0	0	0	30	12
A.F.	700	1080	1410	2290	4160	1900

Water diverted 11540 A.F.

Acreage reported
A-2312 6679

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.	Apr.	May	June	July	Aug.	Sept.
1	125	0	34	47	104	189	186
2	115	0	35	44	111	191	187
3	112	0	34	40	128	196	182
4	102	0	40	41	83	195	175
5	93	0	30	40	94	189	170
6	88	0	28	42	86	192	165
7	90	0	29	41	73	191	156
8	91	0	38	3	74	192	143
9	75	0	40	1	73	192	131
10	66	0	27	27	61	192	136
11	58	0	31	36	48	156	127
12	58	0	29	30	27	142	120
13	52	0	34	34	28	132	116
14	58	0	29	34	32	121	114
15	53	0	34	35	46	109	111
16	43	0	34	27	50	117	91
17	50	0	40	30	61	116	91
18	46	0	36	30	74	124	92
19	35	0	34	32	101	116	92
20	30	0	34	34	111	119	91
21	27	0	39	34	136	133	91
22	24	0	47	24	152	141	96
23	2	0	43	36	169	144	92
24	0	0	40	39	185	152	98
25	0	0	42	37	198	159	92
26	0	0	50	42	196	155	86
27	0	46	47	58	164	162	97
28	0	73	46	74	161	172	82
29	0	116	46	80	169	179	77
30	0	55	46	89	191	185	84
31	0		50		190	183	
Mean	48	10	38	39	109	159	119
Max.	125	116	50	89	198	196	187
Min.	0	0	27	1	27	109	77
A.F.	2960	580	2310	2300	6700	9790	7080

Water diverted
31720 A.F.

Acreage reported

A-2312	14238
A-2417R	183
A-3821	32
A-3839	15
A-3846	59
A-3892	37
A-4207	62
A-4400	29
Total	14655

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	21	0	25	38	105	100
2	22	0	24	43	108	102
3	22	0	23	46	109	82
4	23	0	22	33	106	73
5	23	0	22	35	112	64
6	22	0	21	43	115	62
7	18	0	20	44	115	60
8	15	45	0	44	117	55
9	15	24	0	44	123	48
10	14	26	16	41	117	47
11	14	25	16	35	81	42
12	15	20	18	21	76	40
13	15	20	14	20	68	39
14	13	20	14	20	66	38
15	12	20	13	24	48	38
16	12	19	12	24	48	38
17	12	19	13	26	47	38
18	4	20	13	31	45	38
19	0	20	14	37	55	37
20	0	20	15	41	63	37
21	0	20	16	77	64	37
22	0	23	19	80	64	34
23	0	23	20	73	63	31
24	0	21	20	81	70	29
25	0	21	20	91	82	29
26	0	27	20	96	83	24
27	0	26	21	100	89	23
28	0	23	24	96	96	24
29	0	22	25	96	94	24
30	0	23	30	103	99	24
31	0	25		103	101	
Mean	9	18	18	54	85	45
Max.	23	45	30	103	123	102
Min.	0	0	0	20	45	23
A.F.	580	1090	1050	3340	5220	2690

Water diverted
13970 A.F.

Acreage reported

A-2312	7237
A-3828	39
Total	7276

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1953

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diversion:								
Taylor-Ord	2960	580	2310	2300	6700	9790	7080	31720
Burwell-Sumter	580	0	1090	1050	3340	5220	2690	13970
Ord-North Loup	700	0	1080	1410	2290	4160	1900	11540
Total diversion	4240	580	4480	4760	12330	19170	11670	57230

NORTH PLATTE CANAL from North Platte River—Measured through rating flume—Sec. 18-14-33 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	192	0	106	192	208	253	207
2	176	0	112	224	210	255	212
3	159	0	130	188	210	255	210
4	136	0	120	188	212	255	203
5	120	0	96	190	203	255	195
6	130	0	96	159	195	255	193
7	85	0	104	135	198	255	198
8	49	0	107	109	193	244	202
9	62	0	107	95	190	239	205
10	78	0	103	99	193	232	178
11	95	0	128	78	197	232	181
12	99	0	130	93	193	231	208
13	101	0	130	139	188	224	205
14	120	0	111	120	188	219	203
15	106	0	109	131	198	224	186
16	93	0	125	169	198	222	171
17	66	0	130	174	207	220	166
18	66	0	128	174	208	224	159
19	70	8	120	180	197	239	135
20	25	71	120	212	222	242	146
21	0	76	151	208	227	249	158
22	0	70	168	229	229	234	127
23	0	68	171	212	226	227	95
24	0	61	176	214	219	161	136
25	0	79	176	210	222	144	138
26	0	55	188	208	229	198	136
27	0	47	210	198	227	176	146
28	11	56	217	202	231	190	147
29	18	115	171	205	251	217	151
30	15	109	207	203	251	220	123
31	11		200		251	227	
Mean	67	27	140	171	212	226	171
Max.	192	115	217	229	251	255	212
Min.	0	0	96	78	188	144	95
A.F.	4130	1620	8620	10190	13030	13920	10160

Water diverted 61670 A.F. Acreage reported D-635 14067

Kingsley Storage Included

NORTHPORT CANAL from Drains entering Tri-State Canal

Day	Oct.	May	June	July	Aug.	Sept.
1	72	39	144	163	174	230
2	73	39	141	154	85	229
3	73	40	143	142	157	238
4	73	40	149	164	182	239
5	74	40	147	173	192	246
6	74	39	147	160	210	246
7	0	40	109	166	214	249
8	0	39	39	175	218	252
9	0	120	37	177	215	251
10	0	117	34	182	237	250
11	0	118	34	176	68	243
12	0	119	32	170	48	242
13	0	120	118	169	55	237
14	0	122	157	167	167	233
15	0	125	137	192	143	233
16	0	131	133	165	67	239
17	0	134	155	163	40	236
18	0	139	162	163	123	238
19	0	121	117	171	187	244
20	0	110	78	167	189	245
21	0	109	80	182	191	244
22	0	118	121	203	189	246
23	0	140	147	201	193	247
24	0	140	163	209	197	247
25	0	137	165	200	201	247
26	0	138	164	203	222	236
27	0	142	123	184	224	175
28	0	143	45	185	225	93
29	0	144	101	181	227	70
30	0	142	151	103	227	50
31	0	141		143	230	
Mean	14	106	116	173	171	222
Max.	74	144	165	209	237	252
Min.	0	39	32	103	40	50
A.F.	870	6520	6890	10620	10510	13240

Water diverted 48650 A.F.

NORTHPORT CANAL from North Platte River—Measured at Tri-State Headgate—Sec. 10-23-58 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	158	0	0	67	0	20
2	157	0	0	126	0	0
3	157	0	0	178	0	12
4	157	0	0	156	0	11
5	156	0	38	147	0	0
6	156	0	83	160	0	0
7	0	0	47	154	0	0
8	0	0	175	111	0	0
9	0	0	177	79	35	0
10	0	0	180	134	44	0
11	0	0	180	144	0	0
12	0	0	182	150	0	0
13	0	0	96	151	0	0
14	0	0	0	153	0	0
15	0	0	0	128	0	0
16	0	0	0	153	0	0
17	0	0	0	157	0	0
18	0	0	68	157	0	0
19	0	0	113	149	0	0
20	0	0	0	153	0	0
21	0	0	0	138	0	0
22	0	0	0	68	0	0
23	0	0	0	119	0	0
24	0	3	0	111	0	0
25	0	6	0	120	0	0
26	0	5	0	117	0	0
27	0	1	0	136	0	0
28	0	71	134	135	0	0
29	0	65	64	139	0	160
30	0	31	73	158	0	180
31	0	17		68	0	
Mean	30	6	54	133	3	13
Max.	158	71	182	178	44	180
Min.	0	0	0	67	0	0
A.F.	1870	390	3190	8160	160	760

Water diverted 14530 A.F.

Pathfinder Storage Included

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT

Summary in Acre-feet—1953

	S.-T.-R.	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River	10-23-58	1870	390	3190	8160	160	760	14530
*Sheep Creek	17-23-57	0	3790	3520	5550	5050	6290	24200
*Akers Draw	12-23-57	240	700	750	990	890	890	4460
*Tub Springs	27-23-55	0	1330	870	1220	1680	2260	7360
*Spotted Tail, Dry	9-23-56	0	0	640	1620	1120	1470	4850
*Spotted Tail, Wet	10-23-56	630	700	1120	1240	1760	2330	7780
*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		2740	6910	10090	18780	10660	14000	63180
							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.

ORCHARD-ALFALFA CANAL from Platte River—Measured through rating flume—Sec. 9-10-24 W.

Day	Oct.	May	June	July	Aug	Sept.
1	13	0	4	25	86	48
2	19	0	7	28	87	48
3	22	0	8	33	86	35
4	2	0	11	46	82	37
5	2	0	11	50	82	38
6	2	0	11	56	70	34
7	0	0	13	60	32	32
8	0	0	12	69	19	30
9	0	0	11	71	28	30
10	0	0	12	68	31	30
11	0	0	12	71	35	28
12	0	0	13	71	31	28
13	0	0	14	71	27	27
14	0	0	14	75	28	28
15	0	2	14	74	29	30
16	0	3	15	77	30	31
17	0	2	15	76	31	29
18	0	2	15	75	34	30
19	0	2	16	76	49	30
20	0	1	16	82	58	27
21	0	2	15	83	58	28
22	0	1	15	84	59	28
23	0	1	15	86	58	28
24	0	1	14	87	58	29
25	0	1	16	78	60	30
26	0	8	17	83	58	30
27	0	10	20	88	50	30
28	0	9	25	82	46	26
29	0	9	26	82	43	21
30	0	3	28	86	46	21
31	0	2	...	86	45	...
Mean	2	2	14	70	50	31
Max.	22	10	28	88	87	48
Min.	0	0	4	25	19	21
A.F.	120	120	860	4320	3050	1830

Water diverted 10300 A.F. Acreage reported D-627 5950

Sutherland Storage Available

OSHKOSH CANAL from North Platte River—Measured through Parshall flume—Sec. 33-17-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	11	0	0	13	1	8
2	16	0	0	11	1	9
3	20	0	0	7	1	8
4	15	0	0	8	1	9
5	10	0	0	9	4	10
6	5	0	0	10	6	12
7	0	0	0	10	6	13
8	0	0	2	11	5	14
9	0	0	30	12	8	17
10	0	0	2	10	10	17
11	0	0	1	11	14	16
12	0	0	0	13	16	15
13	0	0	0	11	26	13
14	0	0	8	11	28	12
15	0	0	9	10	23	12
16	0	0	7	8	14	10
17	0	0	5	12	12	10
18	0	0	5	16	12	10
19	0	0	5	21	15	10
20	0	0	9	21	15	10
21	0	0	22	19	2	11
22	0	0	27	21	0	11
23	0	0	15	21	0	10
24	0	0	14	20	0	10
25	0	0	12	15	0	10
26	0	0	9	13	0	10
27	0	0	7	9	0	11
28	0	0	6	3	0	12
29	0	0	9	5	0	11
30	0	0	14	7	0	15
31	0	0	...	2	1	...
Mean	2	0	7	12	7	12
Max.	20	0	30	21	28	17
Min.	0	0	0	2	0	8
A.F.	150	0	430	730	440	690

Water diverted 2440 A.F. Acreage reported D-797 2028

OWASCO CANAL from Lodgepole Creek—Measured through rating flume—Sec. 29-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	2	7	7	0
2	0	3	5	9	0
3	0	3	4	0	0
4	0	3	5	0	0
5	0	3	4	0	0
6	0	2	5	0	0
7	0	3	4	0	0
8	0	2	3	0	0
9	0	2	3	0	2
10	0	3	3	0	2
11	0	3	3	0	2
12	0	4	2	0	3
13	0	4	1	0	3
14	0	4	1	0	4
15	0	4	1	0	4
16	0	4	1	0	4
17	0	4	1	0	3
18	0	4	1	0	4
19	0	4	1	0	5
20	0	7	1	0	7
21	0	4	1	0	7
22	0	6	2	0	7
23	4	5	2	0	7
24	4	6	1	0	6
25	4	7	3	0	6
26	3	6	3	0	6
27	3	7	3	0	6
28	2	7	4	0	6
29	2	9	5	0	6
30	2	9	6	0	6
31	2		7	0	
Mean	1	4	3	1	3
Max.	4	9	7	9	7
Min.	0	2	1	0	0
A.F.	50	270	180	30	210

Water diverted 740 A.F.

Acreage reported
D-347R 83
A-725 689
Total 772

PAISLEY CANAL from Blue Creek Measured through rating flume Sec. 6-16-42 W.

Day	Oct.	May	June	July	Aug	Sept.
1	13	0	11	9	0	8
2	12	0	1	8	11	8
3	12	0	0	9	12	8
4	12	0	0	0	12	8
5	13	0	0	0	12	8
6	13	0	5	0	10	8
7	12	0	8	3	10	8
8	11	0	3	16	12	9
9	10	0	5	19	13	10
10	12	0	7	18	13	9
11	11	0	7	18	13	9
12	11	0	10	16	12	8
13	11	0	14	15	4	7
14	13	0	9	14	0	11
15	12	8	5	4	9	10
16	11	18	0	12	14	0
17	11	20	0	20	14	0
18	10	18	0	20	12	1
19	9	18	6	19	5	4
20	10	18	13	18	0	4
21	9	18	11	18	0	4
22	9	18	7	18	0	4
23	8	18	7	17	0	4
24	8	18	8	16	0	4
25	8	17	11	16	0	5
26	7	17	13	15	0	5
27	6	13	11	20	0	5
28	6	15	12	11	0	5
29	5	17	11	3	6	5
30	5	18	9	0	11	5
31	6	16		0	11	
Mean	10	9	7	12	7	6
Max.	13	20	14	20	14	11
Min.	5	0	0	0	0	0
A.F.	610	570	400	740	430	360

Water diverted 3110 A.F.
Crescent Lake Water Included

Acreage reported
D-800 815
A-515 95
A-1738 231
Total 1141

PAXTON-HERSHEY CANAL from North Platte River—Measured through Parshall flume Sec. 18-14-33 W.

Day	Oct.	May	June	July	Aug	Sept.
1	2	0	47	87	106	67
2	27	0	85	93	104	74
3	60	0	97	101	105	71
4	60	0	101	95	105	65
5	59	29	102	98	106	70
6	51	30	92	96	106	75
7	56	28	64	100	104	75
8	37	25	52	85	92	76
9	25	26	47	14	82	82
10	11	29	45	0	104	87
11	0	34	47	81	108	87
12	0	36	52	82	106	80
13	0	37	62	86	104	80
14	0	47	55	91	103	80
15	0	50	57	96	104	73
16	0	49	58	94	99	69
17	0	49	73	99	93	74
18	0	48	67	104	95	76
19	0	49	82	105	92	76
20	0	47	89	103	90	63
21	0	45	50	105	94	55
22	0	45	87	105	92	67
23	0	44	92	106	87	67
24	0	49	94	106	84	43
25	0	57	103	107	56	43
26	0	69	105	105	57	40
27	0	70	94	105	59	36
28	0	90	97	107	58	35
29	0	57	96	106	60	50
30	0	82	94	105	61	63
31	0	81		106	63	
Mean	12	42	76	93	90	67
Max	60	90	105	107	108	87
Min.	0	0	45	0	56	35
A.F.	770	2580	4530	5700	5510	3960

Water diverted 23050 A. F.

Acreage 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	12	0	14	21	14	15
2	12	0	14	21	19	18
3	6	0	13	24	13	15
4	0	0	13	28	2	20
5	0	0	13	23	1	19
6	0	0	13	24	0	19
7	0	0	14	19	0	19
8	0	0	9	10	0	19
9	0	0	5	17	0	17
10	0	0	4	17	0	16
11	0	0	4	17	10	13
12	0	0	4	17	20	5
13	0	0	4	15	11	4
14	0	0	4	15	1	3
15	0	0	6	3	1	2
16	0	0	4	2	1	2
17	0	0	4	2	1	2
18	0	0	9	2	1	2
19	0	0	15	8	1	1
20	0	1	17	18	1	1
21	0	1	18	15	1	1
22	0	1	19	4	1	1
23	0	4	19	6	1	1
24	0	8	20	3	2	1
25	0	9	19	10	2	2
26	0	11	18	20	3	4
27	0	12	18	22	9	10
28	0	13	19	21	15	17
29	0	15	20	22	17	20
30	0	15	21	22	13	21
31	0	14		20	9	
Mean	1	3	12	15	5	10
Max.	12	15	21	28	20	21
Min.	0	0	4	2	0	1
A.F.	60	210	740	930	340	570

Water diverted 2850 A.F.
Kendrick Storage Available

Acreage reported
D-945 1652

RIVERSIDE CANAL from Frenchman River—Measured in section of canal Sec. 3-3-32 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	10	10	0	0	0
2	0	10	9	0	0	0
3	0	10	9	6	4	0
4	0	10	9	5	4	0
5	0	10	9	5	4	0
6	11	10	9	5	5	0
7	11	10	9	4	4	0
8	11	10	9	0	5	0
9	11	10	10	0	5	0
10	11	10	9	3	4	0
11	11	10	9	6	2	0
12	11	10	8	6	10	0
13	11	10	8	5	9	0
14	11	10	7	0	3	0
15	11	10	6	0	0	0
16	11	10	7	10	0	0
17	11	10	7	10	0	0
18	12	10	7	10	0	0
19	12	10	7	9	0	0
20	12	10	7	9	3	0
21	12	10	1	9	7	0
22	12	10	0	9	9	0
23	11	10	0	11	13	0
24	11	10	0	9	9	0
25	11	10	0	9	9	0
26	11	10	0	1	9	0
27	11	9	0	0	8	0
28	11	9	0	0	7	0
29	11	9	0	0	4	0
30	11	9	0	0	4	0
31	--	10	--	0	0	--
Mean	9	10	6	5	5	0
Max.	12	10	10	11	13	0
Min.	0	9	0	0	0	0
A.F.	560	610	330	280	280	0

Water diverted 2060 A.F.

Acreage reported
D-18 359

RUTTNER-KINNEY CANAL, SOUTH, from Lodgepole Creek Measured through rating flume Sec. 31-15-56 W.

Day	May	June	July	Aug.	Sept.
1	0	3	1	0	3
2	0	2	1	0	2
3	0	2	0	0	2
4	0	2	0	0	2
5	0	2	1	0	2
6	0	2	2	0	3
7	0	2	2	0	3
8	0	5	2	0	3
9	0	5	2	0	3
10	0	5	2	0	3
11	0	5	1	0	3
12	0	5	0	0	3
13	0	4	3	0	3
14	0	4	3	0	3
15	0	0	3	0	3
16	0	0	3	0	3
17	0	0	2	0	3
18	0	0	3	0	3
19	0	0	3	0	3
20	3	0	3	0	3
21	2	0	3	0	1
22	3	4	3	0	2
23	3	4	7	0	1
24	3	6	3	0	1
25	3	3	3	0	1
26	3	5	3	0	1
27	3	4	3	0	1
28	3	4	3	0	1
29	3	4	6	2	1
30	2	0	0	2	1
31	2		0	3	
Mean	1	3	2	0	2
Max.	3	6	7	3	3
Min.	0	0	0	0	1
A.F.	70	160	140	10	130

RUTTNER CANAL (New) from Lodgepole Creek—Measured through rating flume—Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	3	2	0	1
2	0	2	1	0	1
3	0	2	1	0	1
4	0	2	1	0	1
5	0	2	1	0	1
6	0	2	1	0	1
7	0	2	1	0	1
8	0	1	0	0	1
9	0	2	0	0	1
10	0	2	2	0	1
11	0	1	2	0	1
12	0	1	2	0	1
13	0	1	0	0	0
14	0	1	0	0	0
15	0	1	1	0	0
16	0	1	1	0	0
17	0	1	0	0	0
18	0	1	1	0	1
19	0	1	1	0	1
20	0	1	1	0	1
21	0	0	1	0	2
22	0	0	1	0	2
23	0	1	3	0	2
24	2	1	2	0	2
25	2	1	3	0	2
26	2	1	1	0	2
27	2	1	1	0	2
28	2	1	1	1	2
29	2	1	1	1	2
30	2	1	0	1	2
31	2	--	0	1	--
Mean	1	1	1	0	1
Max.	2	3	3	1	2
Min.	0	0	0	0	0
A.F.	30	80	60	10	70

Water diverted 250 A.F.

Acreage reported
D-350R 22
A-727 35
A-857 92
A-869 44
Total 193

Water diverted 510 A.F.

Acreage reported
D-345 140
D-350 51
A-718R 48
A-1828 14
Total 253

SHERIDAN-WILSON CANAL from North Platte River—Measured through rating flume Sec. 20-14-53 W.

Day	May	June	July	Aug.	Sept.
1	0	2	4	2	1
2	0	7	4	2	1
3	0	8	4	2	1
4	0	7	4	2	1
5	0	6	3	2	1
6	0	5	4	2	0
7	0	5	3	2	0
8	0	3	2	1	0
9	0	2	2	1	0
10	0	1	2	1	0
11	0	1	2	1	0
12	0	1	1	1	0
13	0	1	1	1	0
14	0	1	1	1	0
15	0	0	1	1	0
16	0	0	1	2	0
17	0	0	1	1	0
18	0	0	2	2	0
19	0	1	2	3	0
20	0	1	2	3	0
21	0	1	2	3	0
22	0	1	2	3	0
23	0	1	1	3	0
24	0	1	2	3	0
25	0	2	2	1	0
26	0	3	2	1	0
27	4	3	2	1	0
28	6	3	2	1	0
29	2	3	2	1	0
30	4	4	2	1	0
31	2	..	2	1	..
Mean	1	2	2	2	0
Max.	6	8	4	3	1
Min.	0	0	1	1	0
A.F.	40	150	130	100	10

Water diverted 430 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	8	7	9	9
2	7	8	7	9	9
3	7	8	7	9	9
4	7	8	7	9	9
5	6	8	7	9	9
6	6	8	7	9	9
7	6	8	7	9	9
8	6	8	8	9	9
9	6	7	8	9	9
10	6	7	8	9	9
11	6	7	8	9	9
12	6	7	8	9	9
13	6	7	8	9	9
14	6	7	8	9	9
15	6	7	8	9	9
16	6	7	8	9	9
17	6	7	8	9	9
18	6	7	8	9	9
19	7	7	8	9	9
20	7	7	8	9	9
21	7	7	8	9	9
22	7	7	8	9	10
23	7	7	8	9	10
24	7	7	8	9	10
25	7	7	8	9	10
26	8	7	8	9	10
27	8	7	8	9	10
28	8	7	9	9	10
29	8	7	9	9	9
30	8	7	9	9	9
31	8	..	9	9	..
Mean	7	7	8	9	9
Max.	8	8	9	9	10
Min.	6	7	7	9	9
A.F.	410	430	490	550	550

Water diverted 2430 A.F.

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet—1953

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River		150	130	100	10	430
Sarben Slough	410	430	490	550	550	2430
Total diversion	450	580	620	650	560	2860

Water diverted 2860 A.F.

Acreage reported D-710 676

SHORT LINE CANAL from North Platte River—Measured through rating flume—Sec. 25-21-55 W.

Day	May	June	July	Aug.	Sept.
1	0	27	36	0	20
2	0	35	36	0	20
3	0	36	37	0	19
4	0	38	36	0	27
5	0	34	36	0	24
6	0	32	39	0	26
7	0	26	39	0	28
8	0	35	36	0	26
9	0	39	33	0	22
10	0	33	31	16	22
11	0	31	30	17	26
12	0	31	29	14	29
13	0	34	29	21	28
14	0	36	36	16	28
15	0	29	34	0	26
16	0	34	31	0	24
17	0	34	29	0	19
18	0	29	35	0	17
19	0	29	35	0	20
20	0	0	34	0	21
21	0	0	19	0	18
22	0	0	30	0	19
23	0	0	32	0	19
24	0	0	33	0	19
25	22	24	47	0	14
26	19	35	59	0	15
27	20	37	56	14	16
28	23	38	36	23	17
29	23	36	34	24	18
30	22	36	13	22	14
31	26		4	22	
Mean	5	28	34	6	21
Max.	26	39	59	24	29
Min.	0	0	4	0	14
A.F.	310	1640	2070	370	1270

Water diverted 5660 A.F.
Acreage reported D-946 2730

SIX MILE CANAL from Platte River—Measured through Parshall flume—Sec. 18-11-25 W.

Day	May	June	July	Aug.	Sept.
1	0	0	5	2	0
2	0	0	14	3	0
3	0	0	14	6	0
4	0	0	9	6	0
5	0	0	9	12	1
6	0	0	8	9	1
7	0	0	13	7	1
8	0	0	29	2	1
9	0	0	8	1	1
10	0	0	9	1	1
11	0	0	11	4	1
12	0	0	10	2	1
13	0	0	8	1	1
14	0	0	7	1	1
15	0	0	12	1	1
16	0	0	12	2	0
17	0	0	15	2	0
18	0	0	14	2	0
19	0	0	12	2	0
20	0	0	10	2	0
21	0	0	12	2	0
22	0	0	7	2	0
23	0	0	7	2	0
24	0	0	4	1	0
25	0	0	3	1	0
26	0	0	3	1	0
27	0	0	2	0	0
28	0	0	2	0	0
29	0	0	2	0	0
30	0	5	2	0	0
31	0		2	0	
Mean	0	0	9	2	0
Max.	0	5	29	12	1
Min.	0	0	2	0	0
A.F.	0	10	550	150	20

Water diverted 730 A.F.
Acreage reported D-680 1173
Sutherland Storage Available

SPOHN CANAL from North Platte River—Measured through Parshall flume—Sec. 24-17-45 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	1	6
2	0	0	0	0	6
3	0	0	0	0	5
4	0	0	0	0	5
5	0	0	0	0	6
6	0	0	0	0	6
7	0	0	0	0	6
8	0	0	0	0	6
9	0	0	0	0	5
10	0	13	0	0	2
11	0	7	0	0	3
12	0	4	0	0	5
13	0	1	0	0	6
14	0	0	0	0	7
15	0	0	0	0	9
16	0	1	0	0	10
17	0	0	0	0	9
18	0	0	0	0	12
19	0	0	0	0	2
20	0	0	0	0	4
21	0	2	0	0	3
22	0	6	0	5	1
23	0	3	0	5	1
24	0	2	0	3	6
25	0	0	7	6	14
26	0	0	5	9	6
27	0	0	2	7	1
28	0	0	4	5	6
29	0	0	7	6	0
30	0	0	2	6	0
31	0		3	6	
Mean	0	1	1	2	5
Max.	0	23	7	9	14
Min.	0	0	0	0	0
A.F.	0	80	60	120	310

Water diverted 570 A.F.
Acreage reported
D-801 868
D-803R 168
Total 1036

SUBURBAN CANAL from North Platte River—Measured through rating flume Sec. 8-14-32 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	47	0	49	100	98	100	102
2	50	0	48	115	96	99	104
3	53	0	47	114	107	99	106
4	57	0	51	103	100	98	104
5	54	0	49	103	97	97	99
6	54	0	49	91	98	98	97
7	54	0	65	84	106	100	96
8	52	0	61	61	100	92	96
9	45	0	62	47	95	95	97
10	40	0	60	43	96	99	95
11	36	0	62	46	93	99	78
12	29	0	62	51	90	100	60
13	34	0	62	56	97	100	63
14	41	0	62	72	97	100	61
15	45	0	62	69	104	100	52
16	45	0	64	74	98	104	32
17	47	0	64	74	95	100	26
18	48	0	61	20	96	105	25
19	48	0	58	15	101	108	23
20	50	0	53	23	100	104	21
21	42	0	68	25	96	96	14
22	17	0	72	9	101	97	41
23	4	0	72	10	101	105	88
24	3	0	71	44	101	98	93
25	2	0	78	78	103	92	99
26	2	0	78	98	106	95	100
27	2	0	77	104	103	97	102
28	2	107	86	101	103	93	106
29	2	52	94	108	104	94	113
30	2	52	95	108	102	101	112
31	2		98		101	102	
Mean	33	7	66	68	100	99	77
Max.	57	107	98	115	107	108	113
Min.	2	0	47	9	90	92	14
A.F.	2000	420	4050	4060	6120	6080	4570

Water diverted 27300 A.F.
Acreage reported D-662 7168

SUPERIOR CANAL from Republican River—Measured through 12-foot Parshall flume Sec. 8-1-9 W.

Day	May	June	July	Aug.	Sept.
1	25	16	25	80	56
2	25	25	34	79	50
3	25	23	37	81	19
4	25	23	42	85	7
5	24	23	51	73	6
6	25	22	57	64	6
7	28	20	58	46	6
8	30	11	64	37	6
9	31	13	65	37	7
10	31	8	65	39	7
11	31	13	64	39	7
12	34	21	64	30	7
13	34	18	62	23	7
14	34	18	57	23	8
15	33	18	57	23	9
16	32	19	57	24	8
17	34	19	57	26	8
18	34	19	56	31	9
19	34	23	59	31	10
20	33	29	62	31	14
21	31	28	58	33	22
22	30	29	56	40	21
23	30	28	56	44	21
24	30	26	57	45	17
25	31	26	58	47	8
26	31	26	58	52	13
27	20	27	59	60	21
28	12	28	63	61	19
29	12	30	76	63	17
30	11	31	75	65	11
31	10	.....	77	65	.....
Mean	27	22	58	48	14
Max.	34	31	77	85	56
Min.	10	8	25	23	6
A.F.	1690	1310	3540	2930	850

Water diverted 10320 A.F. Acreage reported A-4221 2839

Suplemental Storage Available

SUTHERLAND CANAL for power from North Platte River Measured through rating flume—Sec. 7-14-37 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1540	1840	813	809	804	608	796	843	874	1820	1870	1780
2	1590	1840	811	816	805	613	836	730	1090	1940	1860	1780
3	1680	1840	832	816	813	677	948	634	1290	2030	1850	1780
4	1720	1840	831	820	814	693	1100	574	1380	2020	1840	1810
5	1720	1810	822	816	838	690	1200	596	1490	2020	1830	1820
6	1690	1740	816	814	820	645	1200	627	1630	2010	1810	1830
7	1640	1600	843	796	832	703	1190	622	1710	2000	1780	1830
8	1680	1480	849	796	831	769	1190	622	1820	1990	1760	1830
9	1680	1370	843	796	847	780	1190	591	1850	1990	1760	1840
10	1690	1250	845	804	861	782	1180	483	1880	2000	1740	1830
11	1760	1150	847	809	854	784	1180	386	1960	2000	1730	1840
12	1790	1130	820	805	831	780	1180	288	2010	2000	1710	1850
13	1780	1150	827	693	838	786	1170	184	2050	2020	1690	1840
14	1780	1037	838	576	827	777	1150	67	2070	2030	1680	1840
15	1760	976	834	545	832	754	1090	0	2070	2020	1670	1840
16	1770	876	818	537	798	778	1050	0	2080	2030	1630	1840
17	1780	908	814	534	820	780	944	0	2080	2020	1610	1840
18	1800	854	800	531	813	768	877	0	2100	2010	1650	1830
19	1800	768	813	526	800	759	861	0	2070	2000	1660	1840
20	1810	720	816	522	350	782	858	0	1960	1980	1640	1850
21	1820	614	827	522	230	768	859	0	1760	1980	1660	1850
22	1820	643	836	536	420	769	854	0	1760	1960	1680	1850
23	1820	640	814	624	430	754	856	0	1750	1950	1700	1860
24	1820	634	820	703	420	750	868	0	1750	1950	1700	1860
25	1820	627	822	750	420	771	796	31	1800	1930	1700	1860
26	1820	606	829	778	510	780	836	176	1850	1940	1700	1840
27	1830	614	820	787	660	778	856	325	1845	1950	1730	1840
28	1840	646	795	789	650	784	859	386	1850	1930	1750	1800
29	1840	766	798	791	.....	789	899	536	1840	1900	1740	1740
30	1810	793	804	800	.....	787	877	672	1860	1860	1760	1780
31	1830	.....	802	805	.....	807	.....	787	.....	1870	1760	.....
Mean	1759	1092	823	711	706	750	992	328	1784	1973	1731	1827
Max.	1840	1840	849	820	861	807	1200	843	2100	2030	1870	1860
Min.	1540	606	795	522	230	608	796	0	874	1820	1610	1740
A.F.	108160	64980	50580	43730	39210	46110	59010	20150	106170	121290	106410	108730

Water diverted 874530 A.F.

SUTHERLAND CANAL for power from South Platte River
Measured through 25-foot Parshall flume—Sec. 8-13-36 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	113	177	238	424	677	258	509	46	18	8	8
2	0	113	201	249	410	498	269	478	43	18	8	9
3	0	110	249	263	407	541	272	442	46	19	9	8
4	0	118	274	294	364	585	260	429	23	20	10	8
5	0	118	308	346	392	693	263	415	7	21	10	8
6	4	122	320	352	402	567	280	397	5	22	9	7
7	6	127	346	342	402	509	287	389	18	21	10	7
8	12	132	379	369	394	488	317	382	118	23	10	7
9	54	136	382	392	362	472	349	382	127	35	8	6
10	72	141	376	432	205	459	364	359	124	32	6	6
11	92	146	376	461	238	456	379	344	100	23	4	6
12	100	149	389	509	294	442	492	329	83	23	4	5
13	107	146	394	544	334	426	434	322	96	21	4	3
14	122	157	354	442	389	410	450	298	83	19	4	3
15	124	197	365	134	437	389	456	280	69	18	4	3
16	139	205	410	108	394	382	456	251	66	12	4	3
17	141	242	413	125	407	382	445	251	62	10	4	4
18	144	280	384	173	442	374	541	224	45	18	4	4
19	137	287	364	251	212	346	615	214	44	26	4	4
20	124	315	389	354	69	329	649	199	45	26	6	4
21	120	327	389	469	56	317	677	177	45	23	14	4
22	113	344	317	553	61	305	661	168	53	20	21	4
23	110	242	298	661	88	294	649	153	63	21	28	4
24	107	205	278	729	130	278	628	137	49	21	40	4
25	102	267	218	573	201	280	547	108	36	21	40	4
26	104	183	183	523	329	287	498	95	35	21	38	4
27	110	95	166	495	461	287	456	88	31	12	27	4
28	113	89	164	472	662	269	432	82	29	10	20	4
29	112	122	185	445	.....	267	434	70	28	9	18	2
30	106	158	205	437	.....	263	500	62	25	9	13	2
31	106	.....	232	429	.....	254	.....	57	.....	8	9	.....
Mean	83	180	306	392	320	404	444	260	55	19	13	5
Max.	144	344	413	729	662	693	677	509	127	35	40	9
Min.	0	89	164	108	56	254	258	57	5	8	4	2
A.F.	5120	10680	18810	24130	17780	24840	26420	15990	3260	1190	790	300

Water diverted 149310 A.F.

SUTHERLAND POWER RETURN To South Platte River
Measured through power wheels—Sec. 21-13-30 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	907	906	892	787	987	912	993	1001	1088	1347	1725	1684
2	1204	879	761	782	1102	927	971	1061	1143	1468	1512	1567
3	1246	899	796	799	1017	999	917	1000	1176	1429	1652	1656
4	1228	849	754	777	1013	996	964	825	1156	1543	1646	1638
5	1250	881	780	800	1020	992	873	768	1018	1537	1656	1601
6	1213	865	798	841	1010	942	1002	839	1041	1660	1501	1515
7	1176	821	749	911	997	975	973	845	878	1684	1315	1561
8	1207	870	778	861	919	933	944	835	897	1547	1222	1608
9	1190	778	785	836	1032	990	945	855	881	1454	1374	1554
10	1195	858	743	827	988	1013	933	769	995	1453	1548	1537
11	1160	794	745	801	997	1007	924	848	1033	1366	1351	1392
12	1149	776	759	822	1058	1011	890	865	950	1467	1259	1493
13	1148	748	828	850	972	920	940	852	933	1643	1131	1351
14	1089	751	778	894	1009	1002	930	869	935	1535	1202	1541
15	1028	757	848	902	922	982	936	860	1047	1536	1292	1444
16	1036	743	764	892	1043	1005	999	834	1020	1537	1370	1540
17	1047	777	767	911	1034	1001	981	767	1022	1672	1383	1603
18	1084	759	828	857	973	1023	957	852	1123	1627	1362	1498
19	1018	735	812	982	1032	981	904	815	1102	1623	1373	1388
20	1091	741	781	1016	1058	917	979	784	1084	1576	1452	1430
21	1039	718	757	1039	925	949	952	891	1021	1657	1519	1587
22	1019	729	878	1037	867	943	973	960	1127	1667	1439	1491
23	1002	763	832	1123	843	997	1008	993	1309	1668	1411	1517
24	991	783	826	1121	852	964	1037	935	1427	1668	1457	1426
25	949	880	843	1041	847	1024	1092	990	1389	1681	1191	1390
26	968	908	836	1157	822	925	1012	884	1497	1529	1544	1393
27	956	875	832	1132	809	963	1039	810	1519	1669	1521	1344
28	927	964	820	1136	921	978	1068	902	1543	1654	1459	1522
29	898	1005	855	1125	.....	981	1064	1047	1552	1658	1590	1410
30	897	875	790	1131	.....	1043	1040	1018	1589	1662	1631	1416
31	862	.....	807	1071	.....	1025	.....	985	.....	1638	1710	.....
Mean	1070	823	801	944	967	978	974	889	1150	1576	1445	1503
Max.	1250	1005	892	1157	1102	1043	1092	1061	1589	1684	1131	1684
Min.	862	718	743	777	809	912	873	767	878	1347	1725	1344
A.F.	65800	48970	49230	58040	53690	60140	57980	54660	68420	96900	88860	89450

Water returned 792140 A.F.

THIRTY MILE CANAL from Platte River—Measured through rating flume—Sec. 31-12-26 W.

Day	Oct.	May	June	July	Aug	Sept.
1	131	0	80	229	360	207
2	130	0	84	240	355	220
3	115	0	65	205	355	212
4	107	0	63	212	355	212
5	106	0	60	230	350	172
6	81	0	75	225	279	147
7	53	0	88	281	202	141
8	52	0	95	285	174	153
9	54	0	78	298	150	131
10	54	0	53	331	147	118
11	55	0	68	331	130	116
12	54	0	84	334	124	110
13	55	0	89	344	120	119
14	54	0	76	340	116	120
15	53	0	72	346	111	118
16	51	0	72	359	120	126
17	49	0	71	357	115	118
18	47	0	71	358	111	120
19	23	0	84	355	108	121
20	5	0	87	355	134	126
21	5	0	85	351	152	131
22	5	9	89	351	156	127
23	5	35	92	347	160	117
24	5	44	95	349	154	122
25	5	55	96	349	139	123
26	5	47	106	351	144	120
27	4	63	107	348	165	119
28	4	73	115	350	164	118
29	2	74	126	353	173	124
30	3	83	178	355	181	127
31	4	75	....	353	190	....
Mean	44	18	87	318	184	138
Max.	131	83	178	359	360	220
Min.	2	0	53	205	108	110
A.F.	2730	1110	5160	19580	11290	8200

Water diverted 48070 A.F.

Acreage reported	
A-1853	19254
A-1976	3555
A-2077	320
Total	23129

Sutherland storage available

TRI-COUNTY CANAL from Platte River for power and irrigation Measured through 30-foot Parshall flume—Sec. 28-13-29 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1790	1330	1360	1280	1600	1730	1560	1720	1370	2000	2060	2020
2	1870	1330	1240	1130	1550	1380	1550	1520	1510	2010	2060	2000
3	1850	1330	1370	1150	1610	1530	1450	1630	1580	2000	2020	2000
4	1830	1280	1310	1260	1540	1680	1410	1540	1640	2050	2050	2050
5	1830	1350	1360	1260	1580	1770	1370	1500	1520	2080	2040	2040
6	1770	1270	1330	1200	1560	1820	1450	1530	1680	2050	2030	2020
7	1760	1310	1340	1150	1570	1660	1490	1520	1980	2070	2010	2010
8	1740	1310	1340	1270	1480	1770	1620	1500	1970	2050	2010	2010
9	1690	1300	1310	1270	1570	1700	1620	1470	1920	2040	1980	1990
10	1660	1310	1300	1270	1410	1670	1600	1510	1850	2060	2010	1980
11	1560	1330	1250	1380	1370	1690	1520	1510	1870	2040	1970	1940
12	1560	1280	1280	1360	1510	1670	1450	1580	1690	2030	1960	1870
13	1590	1240	1270	1370	1510	1560	1490	1570	1600	2050	1940	1930
14	1560	1280	1290	1330	1570	1620	1440	1590	1510	2030	1900	1850
15	1540	1260	1290	1100	1580	1510	1460	1600	1550	2040	1830	1870
16	1440	1270	1290	1130	1420	1590	1470	1560	1430	2040	1960	1880
17	1490	1280	1310	1180	1560	1610	1510	1680	1360	2050	1970	1840
18	1550	1320	1320	1180	1570	1570	1450	1720	1400	2030	1940	1870
19	1510	1300	1280	1220	1330	1470	1440	1630	1460	2040	1850	1790
20	1510	1210	1230	1400	910	1470	1430	1510	1490	2040	1890	1780
21	1500	1270	1290	1660	1030	1390	1390	1500	1500	2030	1910	1860
22	1510	1290	1310	1850	1180	1440	1360	1530	1540	2020	1880	1750
23	1460	1260	1290	1730	1090	1400	1370	1500	1540	2020	1890	1770
24	1480	1320	1250	1770	1100	1410	1490	1490	1690	1990	2030	1780
25	1370	1210	1240	1720	1270	1470	1490	1530	1670	2010	2020	1620
26	1430	1020	1190	1720	1280	1400	1500	1400	1690	2000	1990	1590
27	1430	1200	1180	1730	1550	1400	1490	1260	1760	2010	1980	1620
28	1350	1260	1180	1690	1760	1400	1450	1280	1890	2030	1940	1690
29	1350	1300	1290	1640	.....	1430	1500	1370	1860	2010	1950	1620
30	1320	1350	1350	1710	.....	1500	1740	1380	2000	2020	2000	1650
31	1300	....	1290	1610	....	1550	....	1320	....	2030	2050	....
Mean	1568	1279	1288	1410	1431	1557	1485	1515	1651	2031	1972	1856
Max.	1870	1350	1370	1850	1760	1820	1740	1720	2000	2080	2060	2050
Min.	1300	1020	1180	1100	910	1380	1360	1260	1360	1990	1830	1590
A.F.	96400	76110	79200	86720	79460	95720	88380	93120	98220	124900	121230	110460

Water diverted 1149920 A.F.

Acreage reported		
A-2355, A-3476		164117
A-3476	Storage only	37918
A-3620	Storage only	3119
A-3823	Storage only	3263
A-4656	Storage only	12399
A-5278	Storage only	12765
Total		233581

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	235	0	0	0	0	0	0	0	86	747	227	458
2	282	0	0	0	0	0	0	0	108	787	229	423
3	239	0	0	0	0	0	0	0	107	698	225	416
4	199	0	0	0	0	0	0	0	108	542	216	333
5	201	0	0	0	0	0	0	0	104	530	139	151
6	77	0	0	0	0	0	0	0	169	329	0	124
7	0	0	0	0	0	0	0	0	203	320	0	187
8	0	0	0	0	0	0	0	0	201	333	0	314
9	0	0	0	0	0	0	0	0	153	223	109	264
10	0	0	0	0	0	0	0	0	130	60	227	235
11	0	0	0	0	0	0	0	0	138	10	208	222
12	0	0	0	0	0	0	0	0	212	84	262	208
13	0	0	0	0	0	0	0	0	300	38	246	246
14	0	0	0	0	0	0	0	0	337	115	409	316
15	0	0	0	0	0	0	0	0	339	80	448	465
16	0	0	0	0	0	0	0	0	342	306	478	492
17	0	0	0	0	0	0	0	0	342	151	470	472
18	0	0	0	0	0	0	0	0	361	97	445	407
19	0	0	0	0	8	0	0	0	416	132	435	356
20	0	0	0	0	69	0	0	0	419	138	505	331
21	0	0	0	0	34	0	0	0	419	161	587	388
22	0	0	0	0	0	0	0	0	485	132	614	388
23	0	0	0	0	0	0	0	0	482	148	576	384
24	0	0	0	0	0	0	0	106	344	148	571	370
25	0	0	0	0	0	0	0	66	488	145	290	312
26	0	0	0	0	0	0	0	54	480	164	261	312
27	0	0	0	0	0	0	0	45	488	182	352	312
28	0	0	0	0	0	0	0	48	617	153	460	312
29	0	0	0	0	--	0	0	42	617	161	545	312
30	0	0	0	0	--	0	0	44	614	144	498	335
31	0		0	0		0		39		205	488	
Mean	40	0	0	0	4	0	0	14	320	241	339	328
Max.	282	0	0	0	69	0	0	106	617	787	614	492
Min.	0	0	0	0	0	0	0	0	86	10	0	124
A.F.	2450	0	0	0	220	0	0	880	19060	14800	20870	19530

Water returned 77810 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	416	1383	865	792	1287	953	1312	951	744	0	78	138
2	450	1042	888	894	1398	1078	1355	984	725	7	82	100
3	276	1106	959	852	1393	1234	1125	829	664	0	87	56
4	268	857	849	744	1349	1306	1345	1033	684	58	93	25
5	261	1019	857	956	1355	1342	1105	822	576	80	91	7
6	426	1111	992	905	1337	1548	1258	889	710	153	100	18
7	400	1035	850	799	1317	1424	1217	767	540	211	29	8
8	479	1011	994	846	1054	1290	1218	778	715	184	19	10
9	613	715	1055	839	1408	1440	1101	681	739	212	21	0
10	703	950	1196	872	1371	1433	1099	625	579	185	16	0
11	846	797	1021	719	1458	1456	1082	865	670	94	32	5
12	581	940	1049	907	1496	1532	812	816	766	46	46	124
13	893	952	1070	860	1535	1528	1128	862	796	57	36	68
14	935	967	955	880	1403	1712	1067	830	502	42	34	174
15	844	1031	1102	619	1194	1736	1141	989	576	86	85	70
16	889	902	1050	917	1456	1639	909	940	592	127	81	77
17	1137	1028	786	955	1340	1692	1017	806	494	149	71	104
18	1072	992	964	804	1356	1617	1096	959	572	153	75	108
19	1020	983	1086	1001	1394	1733	905	919	286	227	63	121
20	1199	1248	1086	1120	1216	1731	1037	896	226	212	62	101
21	1174	1249	940	992	975	1620	1055	880	239	213	78	192
22	1188	1119	1014	1240	909	1445	988	936	87	248	103	149
23	1101	955	1046	1174	868	1447	1080	918	69	105	86	203
24	1204	1225	1050	1282	783	1177	957	783	75	156	94	158
25	1202	1066	799	1020	809	1213	1131	796	54	152	157	96
26	986	1156	872	1357	707	1262	829	718	76	158	116	107
27	1295	1045	978	1336	856	1244	1035	695	94	160	134	110
28	1282	973	781	1690	975	1268	866	686	83	189	126	315
29	1352	890	898	1432	.....	1024	901	720	63	183	143	165
30	1291	695	951	1539	.....	1289	932	622	30	144	120	142
31	1248		984	1563		1280		616		99	236	
Mean	872	1014	967	1029	1214	1409	1070	826	425	132	84	98
Max.	1352	1383	1196	1690	1535	1736	1355	1033	796	248	236	315
Min.	261	695	781	619	707	953	812	616	30	0	16	0
A.F.	53620	60380	59480	63280	67440	86660	63680	50800	25840	8110	5140	5850

Water returned 550280 A.F.

TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS from North Platte River
Measured through section of canal Sec. 10-23-58 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	290	0	246	639	774	855	892
2	237	0	174	681	850	827	874
3	215	0	140	677	998	736	904
4	199	0	196	642	965	679	999
5	189	0	288	700	969	711	837
6	70	0	276	863	941	699	832
7	0	0	239	700	902	752	800
8	0	0	239	175	850	818	752
9	0	0	233	232	877	881	740
10	0	0	233	109	877	877	699
11	0	0	163	106	932	550	703
12	0	0	132	125	936	178	703
13	0	0	194	313	944	204	664
14	0	0	244	363	937	388	645
15	0	0	248	409	897	613	609
16	0	0	246	494	877	731	570
17	0	0	254	595	943	800	581
18	0	0	318	617	938	761	695
19	0	0	560	714	951	752	744
20	0	0	542	483	947	736	757
21	0	0	546	588	887	769	711
22	0	0	602	434	877	832	675
23	0	0	689	358	926	800	668
24	0	0	757	403	919	814	560
25	0	0	754	430	990	796	511
26	0	0	712	470	993	765	490
27	0	0	700	599	959	774	473
28	0	229	634	652	960	765	494
29	0	244	600	700	931	823	324
30	0	254	600	700	877	703	268
31	0	.....	600	.....	877	800	.....
Mean	39	24	399	499	919	716	672
Max.	290	254	757	863	998	881	999
Min.	0	0	132	106	774	178	268
A.F.	2380	1440	24510	29700	56530	44010	40020

Water diverted 198590 A.F.
Pathfinder Storage Included

TRI-STATE DIVERSIONS For Farmers Irrigation District and Preferred Rights
Summary in Acre-feet—1953

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River	2380	1440	24510	29700	56530	44010	40020	198590
*Optional Diversions	0	0	220	420	1460	1420	1270	4790
Total diversion	2380	1440	24730	30120	57990	45430	41290	203380

Acreage reported

D-918	58437
A-660	2913
O.D.	1690
Total	63040

*Estimated

UNION CANAL from Blue Creek and Crescent Lake—Measured through rating flume—Sec. 18-16-42 W.

Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	24	13	0	0
2	0	0	31	19	0	1
3	0	0	18	17	0	4
4	0	0	16	16	0	4
5	0	0	16	15	0	5
6	0	0	15	14	0	5
7	0	0	16	9	0	5
8	0	0	9	5	0	8
9	0	0	8	4	0	10
10	0	0	9	4	5	13
11	0	0	8	4	7	13
12	0	0	8	4	16	14
13	0	0	8	5	16	14
14	0	0	8	8	19	14
15	0	0	12	14	16	12
16	0	0	6	21	23	16
17	0	0	5	21	23	20
18	0	0	8	12	19	20
19	0	0	4	11	17	17
20	0	10	3	8	13	17
21	0	11	5	8	6	20
22	0	12	9	8	4	21
23	0	12	7	8	0	22
24	0	13	7	7	0	21
25	0	11	7	8	1	9
26	0	12	11	10	1	10
27	0	14	11	8	0	9
28	0	22	11	9	0	3
29	0	21	13	16	0	4
30	0	22	14	0	0	20
31		26		0	1	
Mean	0	6	11	10	6	12
Max.	0	26	31	21	23	22
Min.	0	0	3	0	0	0
A.F.	0	370	650	610	370	690

Water diverted 2690 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.	Apr.	May	June	July	Aug.	Sept.
1	69	86	0	50	50	106	31	50
2	74	86	0	48	50	92	40	45
3	79	84	0	45	48	58	41	45
4	84	82	0	43	46	48	61	48
5	97	84	0	79	46	45	67	43
6	94	84	0	97	61	41	76	30
7	112	92	0	92	92	38	76	31
8	138	97	0	82	100	41	63	41
9	163	86	0	61	94	40	56	43
10	175	82	0	52	92	38	48	38
11	152	76	0	52	76	38	43	38
12	145	89	0	46	61	40	41	40
13	156	76	0	30	50	36	40	40
14	159	89	0	56	46	33	34	38
15	148	76	0	84	46	33	41	38
16	134	79	0	89	56	40	33	36
17	112	63	0	89	48	45	34	38
18	103	9	92	79	48	36	45	40
19	103	0	94	67	46	33	79	41
20	100	0	97	65	46	33	112	40
21	103	0	94	69	46	36	100	41
22	100	0	89	69	50	28	94	40
23	100	0	89	72	43	26	109	36
24	100	0	94	69	43	27	100	36
25	103	0	74	69	43	26	84	45
26	106	0	58	69	41	24	86	43
27	94	0	79	67	40	28	86	48
28	89	0	109	65	40	26	69	50
29	89	0	142	61	40	40	76	63
30	92	0	92	58	34	36	74	54
31	92			54		31	61	
Mean	112	47	40	65	54	40	64	42
Max.	175	97	142	97	100	106	112	63
Min	69	0	0	30	34	24	31	31
A.F.	6870	2820	2390	4020	3220	2460	3970	2500

Water diverted 28250 A.F.

Acreage reported

A-393	10794
A-1804	764
Total	11558

WINTERS CREEK CANAL from North Platte River—Measured through Parshall flume Sec.. 17-22-55 W.

Day	May	June	July	Aug.	Sept.
1	0	18	9	20	18
2	0	19	10	22	18
3	0	15	12	16	14
4	0	18	15	13	18
5	0	18	17	13	18
6	0	21	13	16	20
7	0	11	9	21	19
8	0	4	17	22	14
9	0	4	22	22	17
10	0	4	23	22	18
11	0	4	24	25	16
12	8	3	22	22	17
13	19	2	19	17	16
14	18	2	20	13	17
15	18	2	18	11	18
16	20	2	18	19	18
17	21	2	21	18	17
18	23	5	21	13	18
19	27	12	21	15	18
20	28	9	22	17	18
21	26	3	17	18	20
22	24	3	8	22	20
23	22	3	9	15	18
24	23	3	18	17	15
25	22	3	22	19	14
26	18	3	22	19	15
27	20	8	26	17	22
28	20	20	27	21	22
29	18	15	27	21	21
30	18	12	22	18	8
31	18		20	20	
Mean	13	8	18	18	17
Max.	28	21	27	25	22
Min.	0	2	8	11	8
A.F.	820	490	1130	1120	1040

Water diverted 4600 A.F. Acreage reported D-952 5748

WINTERS CREEK CANAL from Winters Creek Measured through Parshall flume Sec. 19-22-54 W.

Day	May	June	July	Aug.	Sept.
1	0	42	49	47	54
2	0	42	51	47	52
3	0	41	51	47	53
4	0	38	52	47	54
5	0	45	52	47	47
6	0	39	49	48	45
7	0	14	51	49	44
8	0	0	51	48	49
9	0	0	52	48	49
10	35	0	52	42	48
11	28	0	50	30	48
12	32	0	49	46	48
13	34	0	48	45	48
14	33	1	48	44	48
15	30	1	48	46	49
16	30	27	48	48	49
17	30	38	49	48	51
18	33	44	49	46	50
19	34	26	48	47	52
20	33	41	48	46	49
21	34	42	48	51	47
22	36	44	48	52	47
23	38	44	48	52	46
24	41	44	48	52	47
25	36	44	48	51	54
26	33	45	48	48	58
27	33	45	47	46	58
28	36	45	47	52	52
29	39	45	47	52	51
30	37	45	46	52	51
31	37		47	53	
Mean	24	29	49	48	50
Max.	41	45	52	53	58
Min.	0	0	46	30	44
A.F.	1490	1750	3010	2930	2970

Water diverted 12150 A.F.

WINTERS CREEK FACTORY LATERAL from Winters Creek Measured through Parshall flume Sec. 19-22-54 W.

Day	May	June	July	Aug.	Sept.
1	0	12	11	12	13
2	0	12	11	12	13
3	0	11	11	12	13
4	0	11	11	12	13
5	0	11	16	12	13
6	0	12	16	13	13
7	0	3	16	13	13
8	0	0	16	13	13
9	0	0	16	13	13
10	0	0	12	13	13
11	0	0	12	0	13
12	3	0	12	12	13
13	8	7	12	12	13
14	10	7	14	14	13
15	12	0	16	15	13
16	12	0	14	16	13
17	12	11	14	15	13
18	13	11	14	16	13
19	13	11	14	18	13
20	13	0	14	18	13
21	13	11	14	14	14
22	13	11	14	13	17
23	8	11	14	13	18
24	8	11	14	13	18
25	8	11	14	13	19
26	8	11	13	13	19
27	8	11	13	13	19
28	8	11	14	13	17
29	12	11	13	13	15
30	11	11	13	13	15
31	11		13	13	
Mean	7	8	14	13	14
Max.	13	12	16	18	19
Min.	0	0	11	0	13
A.F.	400	450	840	800	860

Water diverted 3350 A.F.

WINTERS CREEK DIVERSIONS
Summary in Acre-feet—1953

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River	820	490	1130	1120	1040	4600
Winters Creek	1890	2200	3850	3730	3830	15500
Total diversion	2710	2690	4980	4850	4870	20100
Water diverted 20100 A.F.				Acreage reported D-952		5748

ALLIANCE CANAL from Bayard Sugar Factory Drain—Measured through Parshall flume Sec. 4-20-52 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	18	25	21	7	21
2	0	19	22	22	6	22
3	0	18	21	23	6	15
4	0	18	17	21	2	12
5	0	19	19	21	0	8
6	0	25	23	25	0	0
7	0	20	26	23	0	0
8	0	16	21	22	0	0
9	0	20	21	20	0	9
10	0	23	24	18	0	10
11	0	24	24	17	0	7
12	0	7	19	17	0	6
13	0	0	20	18	0	13
14	0	12	19	20	0	23
15	10	17	12	17	0	25
16	10	15	0	18	0	20
17	15	0	0	19	0	20
18	16	13	0	19	0	21
19	14	22	0	20	0	20
20	18	22	0	21	0	16
21	17	23	0	22	0	13
22	17	21	0	20	1	13
23	18	11	0	0	0	14
24	17	20	0	8	0	13
25	17	30	0	9	0	13
26	18	32	1	5	0	14
27	18	32	0	6	0	15
28	18	30	14	11	4	14
29	18	27	22	4	14	13
30	18	30	20	2	12	15
31	...	28	...	12	17	...
Mean	9	20	12	16	2	14
Max.	18	32	26	25	17	25
Min.	0	0	0	0	0	0
A.F.	510	1210	730	990	140	800

Water diverted 4380 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	0	2	0	0	0
2	0	2	0	0	0
3	0	2	0	0	0
4	0	2	0	0	0
5	0	1	0	0	0
6	0	2	0	0	0
7	0	2	0	0	0
8	0	2	0	0	0
9	0	2	0	0	0
10	0	1	0	1	0
11	0	1	0	2	0
12	0	1	0	2	0
13	0	1	1	2	0
14	0	1	1	2	0
15	0	1	1	2	0
16	0	1	0	2	0
17	0	1	1	0	0
18	0	1	1	0	0
19	0	1	1	0	0
20	0	3	0	0	0
21	0	3	1	0	0
22	0	2	2	0	0
23	0	2	1	0	0
24	2	2	1	0	0
25	1	2	1	0	0
26	1	4	2	0	0
27	1	5	1	0	0
28	1	5	2	0	0
29	1	4	1	0	0
30	1	1	0	0	0
31	2		0	0	
Mean	0	2	1	0	0
Max.	2	5	2	2	0
Min.	0	1	0	0	0
A.F.	20	120	40	20	0

Water diverted 200 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	45	0	47	38	34	52
2	9	0	44	27	33	46
3	9	0	41	33	35	43
4	10	0	42	31	35	51
5	10	12	40	29	31	48
6	11	30	33	39	33	48
7	11	30	35	42	44	51
8	12	27	33	29	46	51
9	12	27	32	26	44	48
10	13	28	33	23	44	48
11	13	18	34	24	41	46
12	14	21	42	25	46	38
13	14	22	37	26	34	35
14	18	24	24	29	44	35
15	18	24	28	32	48	34
16	13	22	37	26	57	35
17	9	6	37	42	57	40
18	9	27	17	41	57	40
19	0	31	32	37	57	41
20	0	24	33	31	60	48
21	0	31	36	30	43	42
22	0	20	36	31	50	41
23	0	8	33	29	25	30
24	0	30	29	33	46	39
25	0	24	22	35	45	39
26	0	44	5	36	46	39
27	0	44	14	38	48	38
28	0	45	31	38	50	34
29	0	44	33	37	50	29
30	0	38	36	35	48	26
31	0	46	...	36	52	...
Mean	8	24	33	33	45	41
Max.	18	45	47	42	60	52
Min.	0	0	5	23	25	26
A.F.	500	1480	1940	2000	2740	2450

Water diverted 11110 A.F.

Acreage reported

D-874-1035	4014
A-1181	80
A-1432	60
A-1436	18
Total	4172

BEERLINE CANAL from North Platte River—Measured through rating flume—Sec. 24-19-49 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	14	0	11	12	0	0
2	11	0	10	11	0	0
3	11	0	8	8	0	3
4	12	0	8	8	0	5
5	12	0	9	6	0	5
6	11	0	9	7	0	5
7	11	0	11	6	0	6
8	12	0	11	4	5	7
9	11	0	14	3	12	8
10	9	0	12	0	14	9
11	9	0	11	0	14	10
12	12	0	10	0	14	10
13	13	0	10	0	13	10
14	13	0	9	0	9	10
15	13	0	10	0	11	9
16	15	0	12	0	11	9
17	15	0	11	0	11	10
18	15	0	14	0	11	12
19	15	0	13	0	11	19
20	15	0	10	0	10	17
21	9	0	0	14	12	9
22	4	0	2	10	11	8
23	4	0	4	8	3	8
24	7	0	3	8	0	7
25	8	7	5	11	0	7
26	7	4	10	12	0	7
27	7	12	11	12	0	7
28	8	9	10	8	0	8
29	8	8	7	4	0	8
30	8	7	11	3	2	8
31	8	11	...	3	0	...
Mean	11	2	9	5	6	8
Max.	15	12	14	14	14	19
Min.	4	0	0	0	0	0
A.F.	650	110	550	310	350	480

Water diverted 2450 A.F.

Acreage reported
D-887 1727

Pathfinder storage available

BELMONT-EMPIRE CANAL from North Platte River—Measured through rating flume—Sec. 18-20-51 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	75	0	75	96	110	105	66
2	68	0	62	114	131	96	68
3	83	0	51	111	123	108	142
4	90	0	47	103	117	111	132
5	105	0	41	93	96	116	101
6	104	0	41	86	182	123	101
7	96	0	51	96	170	111	101
8	88	0	54	98	173	86	116
9	80	0	52	96	117	96	129
10	82	0	50	90	96	108	110
11	83	0	48	86	83	94	93
12	87	0	52	96	78	110	87
13	87	0	52	118	38	152	82
14	86	0	53	153	79	126	74
15	86	0	59	166	193	116	50
16	86	0	90	139	160	117	56
17	86	0	78	98	160	116	94
18	79	0	65	116	201	112	103
19	76	14	56	96	197	103	101
20	58	24	78	110	193	104	103
21	24	24	79	108	188	122	96
22	1	22	94	98	142	59	80
23	0	20	87	118	140	83	93
24	0	18	30	128	137	84	110
25	0	18	118	142	142	132	114
26	0	22	93	193	139	105	117
27	0	22	73	97	147	105	123
28	0	22	114	122	150	105	177
29	0	24	89	132	136	105	202
30	0	45	68	124	105	111	166
31	0		62		104	87	
Mean	55	9	67	114	136	107	106
Max.	105	45	118	193	201	152	202
Min.	0	0	30	86	38	59	50
A.F.	3390	550	4090	6790	8380	6560	6320

Water diverted 36080 A.F.

BELMONT CANAL from Cedar Creek—Measured through rating flume—Sec. 23-18-48 W.

Day	May	June	July	Aug.	Sept.
1	0	0	7	2	0
2	0	0	7	1	0
3	0	0	7	1	0
4	0	0	7	1	0
5	0	0	6	1	0
6	0	0	9	1	0
7	0	0	8	1	0
8	0	0	7	1	0
9	0	0	7	1	0
10	0	0	7	1	0
11	0	0	7	1	0
12	0	0	7	1	0
13	0	0	7	0	0
14	0	9	5	0	0
15	0	9	2	0	0
16	9	9	1	1	0
17	9	10	1	1	0
18	9	10	1	1	0
19	9	10	1	1	0
20	9	9	1	1	0
21	9	8	1	1	0
22	9	8	1	0	0
23	8	8	1	0	0
24	8	8	1	0	0
25	8	8	2	1	0
26	8	8	2	0	0
27	8	8	2	0	3
28	8	8	2	0	3
29	8	7	3	1	3
30	8	7	2	1	3
31	0		2	1	
Mean	4	5	4	1	1
Max.	9	10	9	2	3
Min.	0	0	1	0	0
A.F.	250	290	250	50	20

Water diverted 860 A.F.

BELMONT-EMPIRE CANAL
Summary in Acre-feet—1954

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River	3390	550	4090	6790	8380	6560	6320	36080
Cedar Creek (for Belmont only)	0	0	250	290	250	50	20	860
Total diversion	3390	550	4340	7080	8630	6610	6340	36940

Water diverted 36940 A.F.

Acreage reported
D-828 14509
D-858 1549
Total 16058

BENNETT CANAL from Lodgepole Creek—Measured through rating flume—Sec. 22-15-55 W.

Day	May	June	July	Aug.	Sept.
1	3	4	3	2	2
2	3	4	3	3	3
3	3	4	3	3	3
4	1	4	3	3	3
5	0	4	3	3	5
6	0	0	3	3	0
7	0	0	0	3	0
8	5	0	0	3	4
9	5	0	0	5	4
10	5	0	0	5	4
11	5	0	0	5	4
12	5	0	3	5	4
13	5	0	0	4	4
14	5	0	0	4	0
15	5	0	2	4	0
16	5	0	2	4	0
17	5	0	2	3	0
18	5	0	2	4	0
19	5	0	3	4	0
20	5	0	3	4	0
21	5	0	3	4	0
22	5	0	3	4	0
23	4	0	3	1	0
24	4	0	2	1	0
25	4	0	2	1	0
26	4	3	2	0	0
27	4	3	2	0	0
28	4	3	2	0	4
29	3	3	2	0	4
30	3	3	2	0	4
31	4		2	3	
Mean	4	1	2	3	2
Max.	5	4	3	5	5
Min.	0	0	0	0	0
A.F.	240	70	120	170	100

Water diverted 700 A.F.

Acreage reported
A-691 86
A-1975 Storage 414
Total 500

Bennett storage included

BIRDWOOD CANAL from Birdwood Creek Measured through Parshall flume Sec. 35-15-33 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	13	0	7	30	41	41	20
2	9	0	4	24	39	41	25
3	23	0	1	10	40	40	28
4	24	0	4	20	41	43	31
5	28	0	3	21	40	45	36
6	28	0	5	22	41	48	16
7	30	0	1	35	40	49	13
8	30	0	12	30	14	40	28
9	31	0	16	28	11	40	30
10	33	0	4	28	17	38	29
11	36	0	6	28	36	38	30
12	37	0	8	38	40	44	30
13	36	0	9	42	44	45	32
14	26	0	22	36	44	46	32
15	27	0	24	40	46	44	32
16	28	0	28	41	45	32	35
17	28	0	25	42	42	22	35
18	30	0	14	44	41	18	36
19	30	0	15	39	44	26	35
20	33	0	18	35	42	36	35
21	42	0	20	36	44	30	32
22	0	0	21	34	45	24	34
23	0	28	21	35	47	23	35
24	0	26	18	35	45	24	36
25	0	28	32	35	47	24	29
26	0	31	35	34	45	24	37
27	0	0	36	34	46	25	40
28	0	0	36	41	44	25	29
29	0	6	36	42	44	26	19
30	0	3	37	40	44	34	16
31	0		35		42	9	
Mean	19	4	18	33	40	34	30
Max.	42	31	37	44	47	49	40
Min.	0	0	1	10	11	9	13
A.F.	1190	240	1110	1980	2460	2070	1780

Water diverted 10830 A.F.

Acreage reported
D-646 5287

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	41	0	24	38	33	39
2	37	0	16	39	32	38
3	36	0	15	39	32	42
4	36	0	22	39	33	35
5	40	0	31	39	33	35
6	37	0	38	38	30	36
7	32	0	30	35	38	35
8	27	0	22	35	42	28
9	26	0	27	34	42	29
10	0	0	24	35	38	18
11	0	0	24	34	37	14
12	0	0	23	36	40	13
13	0	0	23	27	42	13
14	0	0	25	14	43	13
15	12	0	26	24	42	14
16	0	0	26	48	45	13
17	0	0	24	51	49	12
18	0	0	23	51	44	11
19	0	0	22	52	43	10
20	0	0	14	51	44	22
21	0	0	11	49	45	39
22	21	0	10	45	43	39
23	0	0	10	43	44	38
24	0	0	10	20	43	38
25	0	0	11	0	46	38
26	0	0	37	0	43	35
27	0	0	48	16	40	35
28	0	0	37	29	39	41
29	0	0	40	35	38	42
30	0	0	40	37	40	38
31	0	13		33	38	
Mean	10	1	24	34	40	28
Max.	41	13	48	52	49	42
Min.	0	0	10	0	30	10
A.F.	630	30	1450	2110	2460	1690

Water diverted 8370 A.F.

Acreage reported
D-785 2549
D-795 339
A-1154 30
Total 2918

Crescent and Kingsley storage available

BOELUS POWER CANAL from Middle Loup River
Measured through power wheels—Sec. 27-13-12 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	108	562	431	0	260	510	0	555	530	516	420	258
2	510	562	515	53	260	21	179	548	535	261	466	535
3	503	542	0	46	278	0	521	387	552	492	484	528
4	523	548	0	111	284	0	532	527	260	460	408	514
5	555	196	0	127	283	0	525	527	523	460	376	516
6	544	285	0	117	288	0	513	523	492	438	269	523
7	548	0	0	157	293	239	516	163	503	438	544	548
8	163	252	0	148	320	403	158	530	534	415	537	544
9	555	415	0	0	236	513	534	541	523	207	548	572
10	552	40	0	0	147	513	544	541	238	371	551	281
11	562	0	0	0	0	503	530	537	490	338	544	568
12	555	229	0	0	0	434	537	537	507	292	551	558
13	555	558	0	0	163	0	541	293	514	288	290	548
14	552	565	0	0	253	0	537	530	524	202	562	544
15	327	575	0	0	321	0	207	541	534	221	562	544
16	558	568	0	0	252	252	551	534	534	162	558	558
17	562	572	0	0	453	499	541	548	19	66	562	265
18	555	582	0	0	251	482	523	541	262	213	572	558
19	558	521	0	9	422	503	521	299	561	197	572	552
20	562	0	0	9	0	492	551	555	537	222	300	555
21	480	0	0	27	226	326	523	541	562	222	565	558
22	575	0	0	36	474	485	206	523	555	242	575	562
23	228	281	0	144	482	482	555	544	480	363	589	538
24	579	530	0	298	489	489	548	548	328	397	572	277
25	576	297	0	163	485	490	530	534	482	362	264	548
26	582	564	0	106	268	342	527	225	460	323	562	565
27	582	544	0	274	530	496	541	541	427	278	548	544
28	579	562	0	264	523	413	537	534	434	26	541	541
29	145	558	0	260	---	0	548	544	456	0	544	565
30	545	541	0	255	---	0	359	496	507	82	537	592
31	555		0	255	---	0		503		282	537	
Mean	495	382	30	92	294	287	464	493	462	285	500	512
Max.	582	582	515	298	530	513	555	555	562	516	589	592
Min.	108	0	0	0	0	0	0	163	19	0	264	258
A.F.	30410	22710	1880	5670	16350	17630	27640	30330	27500	17530	30760	30460

Water diverted 258870 A.F.

BROWNS CREEK CANAL from North Platte River
and Pathfinder Reservoir
Measured through Parshall flume—Sec. 28-20-50 W.

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	48	22	0	0	30	40	53	41
2	47	0	0	0	32	37	61	40
3	44	0	0	0	30	28	58	53
4	39	0	0	0	23	30	54	47
5	40	0	0	0	23	26	50	49
6	40	0	0	0	32	36	52	46
7	41	0	0	11	16	54	65	39
8	42	0	0	35	9	68	59	47
9	43	0	0	35	17	67	56	38
10	44	0	0	35	27	70	59	34
11	44	0	0	38	37	63	56	34
12	45	0	0	40	45	61	59	35
13	46	0	0	45	44	62	59	32
14	47	0	0	38	45	60	47	36
15	48	0	0	28	58	61	38	34
16	50	0	0	31	53	56	43	36
17	47	0	0	11	64	58	57	38
18	44	0	0	0	45	59	51	39
19	40	0	0	0	12	55	50	38
20	40	0	0	11	18	53	42	42
21	42	0	0	31	40	54	50	44
22	31	0	0	36	57	54	42	50
23	19	0	0	52	54	40	40	52
24	18	0	28	35	45	40	39	51
25	17	0	29	39	36	47	36	51
26	17	0	30	34	64	56	32	47
27	16	0	33	33	27	49	20	47
28	16	0	34	32	55	44	32	50
29	19	0	36	33	54	45	35	48
30	22	0	0	36	46	52	37	47
31	22			33		47	45	
Mean	36	1	6	24	38	51	48	43
Max.	50	22	36	52	64	70	65	53
Min.	16	0	0	0	9	26	20	32
A.F.	2220	40	380	1490	2260	3120	2930	2540

Water diverted 14980 A.F.

Acreage reported D-857-1033 6091

CAMBRIDGE CANAL from Republican River—Measured through 15-foot Parshall flume—Sec. 27-4-25 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	50	0	24	69	156	78
2	50	0	25	67	136	83
3	50	0	26	67	107	89
4	50	0	30	69	98	87
5	50	9	38	72	118	88
6	35	26	37	74	140	78
7	0	26	34	84	138	74
8	0	27	36	86	136	67
9	0	27	36	95	139	51
10	0	27	36	102	138	48
11	0	28	36	104	119	48
12	0	28	36	119	113	48
13	0	27	36	170	99	46
14	0	30	36	182	76	41
15	0	32	29	196	71	35
16	0	32	47	205	75	32
17	0	20	47	206	73	33
18	0	9	46	211	54	36
19	0	0	46	226	54	36
20	0	0	47	224	56	33
21	0	0	48	242	49	36
22	0	0	45	250	41	51
23	0	0	58	246	42	54
24	0	0	47	246	45	40
25	0	0	49	246	40	36
26	0	0	56	246	36	37
27	0	0	56	241	36	38
28	0	0	62	228	37	38
29	0	0	61	178	37	40
30	0	0	66	159	56	41
31	0	16		159	66	
Mean	9	12	43	164	83	51
Max.	50	32	66	250	156	89
Min.	0	0	24	67	36	32
A.F.	570	720	2530	10050	5120	3060

Water diverted 22050 A.F.
Acreage reported A-3869e 12915
Supplemental storage available

CENTRAL CANAL from North Platte River—Measured through rating flume Sec. 36-22-55 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	3	11	10	20	17
2	0	0	2	12	11	20	17
3	0	0	1	10	15	22	16
4	0	0	0	11	16	24	14
5	0	0	5	7	14	28	14
6	0	0	15	1	8	26	15
7	0	0	14	4	5	17	14
8	0	0	8	8	23	17	12
9	4	0	1	10	27	23	15
10	9	0	0	7	30	26	15
11	7	0	0	7	30	25	16
12	0	0	9	10	33	17	16
13	0	0	13	15	31	16	15
14	0	0	12	11	22	19	15
15	0	14	6	7	23	21	12
16	0	11	4	14	25	23	15
17	0	11	0	16	30	23	15
18	0	11	0	14	25	25	15
19	0	11	0	10	21	25	16
20	0	6	6	12	29	26	17
21	0	0	12	10	27	25	18
22	0	0	8	4	16	24	20
23	0	0	0	4	18	21	21
24	0	0	0	4	22	21	22
25	0	0	0	3	18	19	22
26	0	7	6	0	19	20	22
27	0	7	7	0	16	21	22
28	0	5	4	0	16	19	22
29	0	4	5	0	16	19	22
30	0	3	4	0	11	19	19
31	0		6		11	18	
Mean	1	3	5	7	20	22	17
Max.	9	14	15	16	33	28	22
Min.	0	0	0	0	5	16	12
A.F.	40	180	300	440	1220	1330	1010

Water diverted 4520 A.F.
Acreage reported D-926 2077
Pathfinder storage available

CASTLE ROCK-STEAMBOAT CANAL from North Platte River Measured through rating flume Sec. 14-21-54 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	54	19	75	78	72
2	0	58	58	75	76	71
3	0	55	65	79	76	70
4	0	51	71	82	79	70
5	0	55	62	86	75	70
6	0	67	56	73	78	71
7	0	64	51	69	79	70
8	0	53	63	74	77	67
9	0	42	65	87	78	66
10	0	40	62	88	77	66
11	0	61	57	83	76	65
12	0	80	45	81	40	60
13	0	75	40	76	15	60
14	0	55	52	83	11	58
15	0	69	79	80	9	54
16	0	67	106	81	9	56
17	0	72	73	82	66	60
18	0	32	81	81	54	62
19	0	62	9	81	61	63
20	0	62	67	81	68	65
21	14	63	63	81	77	65
22	21	67	49	79	76	64
23	23	51	73	78	71	64
24	28	36	81	78	70	64
25	26	18	61	77	68	64
26	25	15	32	77	68	64
27	22	21	19	77	70	63
28	29	22	67	77	71	65
29	49	22	67	77	73	61
30	52	0	78	78	71	71
31		0		78	71	
Mean	10	48	59	79	63	65
Max.	52	80	106	88	79	72
Min.	0	0	9	69	9	54
A.F.	570	2950	3510	4870	3900	3850

Water diverted 19650 A.F.
Acreage reported
D-921 5947
A-186R 471
Total 6418

CHIMNEY ROCK CANAL from North Platte River—Measured through rating flume—Sec. 1-20-53 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	52	0	30	20	54	35	45
2	44	0	32	9	49	42	44
3	45	0	30	14	38	50	41
4	0	0	28	30	32	54	41
5	0	0	44	26	32	56	41
6	0	0	44	19	30	59	41
7	0	0	34	20	30	50	40
8	0	0	27	19	30	55	38
9	0	0	25	33	40	63	35
10	0	0	38	34	45	69	36
11	0	0	49	42	44	65	36
12	0	0	54	46	46	63	36
13	0	0	52	39	50	37	34
14	0	0	44	42	62	27	32
15	0	0	45	45	71	29	32
16	0	0	49	38	68	28	34
17	0	0	41	48	64	27	31
18	0	0	27	42	58	24	28
19	0	0	27	44	57	24	28
20	0	0	31	48	56	23	36
21	0	0	45	42	54	28	43
22	0	5	52	36	50	24	46
23	0	10	31	34	50	27	45
24	0	18	32	37	48	27	45
25	0	26	30	30	47	24	45
26	0	34	27	28	45	24	44
27	0	33	41	40	43	23	42
28	0	32	32	50	20	22	43
29	0	37	33	52	26	25	42
30	0	32	32	54	25	32	38
31	0		20		25	43	
Mean	5	8	36	35	45	38	39
Max.	52	37	54	54	71	69	46
Min.	0	0	20	9	20	22	28
A.F.	280	450	2230	2100	2760	2340	2300

Water diverted 12460 A.F. Acreage reported D-844-1031 5641

CIRCLE ARROW CANAL from Lodgepole Creek—Measured through rating flume—Sec. 30-15-54 W.

Day	May	June	July	Aug.	Sept.
1	4	2	3	3	1
2	0	2	3	3	1
3	0	2	3	3	1
4	0	2	3	3	1
5	5	2	3	2	2
6	5	1	3	2	2
7	6	1	3	2	2
8	4	1	2	1	2
9	4	1	2	3	3
10	4	1	3	3	2
11	4	1	2	2	3
12	4	1	2	2	3
13	4	1	2	2	3
14	4	1	2	2	0
15	4	1	2	1	0
16	4	1	1	3	0
17	3	1	2	3	0
18	3	1	2	0	0
19	3	1	2	0	0
20	3	1	2	0	0
21	3	1	2	0	0
22	3	1	2	0	0
23	4	1	2	0	0
24	4	1	2	0	0
25	4	1	2	0	0
26	3	2	3	3	0
27	3	2	2	3	0
28	3	1	2	3	0
29	3	3	2	1	0
30	3	3	2	1	0
31	2		3	1	
Mean	3	1	2	2	1
Max.	6	3	3	3	3
Min.	0	1	1	0	0
A.F.	200	80	140	100	50

Water diverted 570 A.F. Acreage reported D-346 220

CODY-DILLON CANAL from North Platte River—Measured over weir Sec. 10-14-31 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	17	4	15	56	39	16
2	25	5	41	48	39	14
3	26	5	37	40	37	14
4	14	7	28	38	37	14
5	17	6	26	46	33	13
6	30	4	24	55	32	22
7	26	16	35	54	40	37
8	21	36	32	52	41	25
9	17	38	19	51	43	12
10	13	38	6	42	42	9
11	18	32	3	44	37	8
12	16	31	7	42	33	8
13	16	30	43	41	26	18
14	7	12	43	48	24	34
15	4	10	50	48	28	10
16	5	12	43	45	20	38
17	10	43	48	47	20	37
18	10	30	45	41	18	18
19	10	16	41	41	12	10
20	9	13	36	48	5	3
21	24	20	22	48	3	5
22	24	8	10	42	3	9
23	17	16	4	35	3	9
24	17	16	19	36	24	11
25	0	6	24	37	32	15
26	0	8	23	37	34	30
27	0	10	34	39	49	30
28	0	13	35	40	47	31
29	0	10	54	39	28	30
30	0	14	54	41	45	28
31	0	14		42	30	
Mean	13	17	30	44	29	19
Max.	30	43	50	56	49	38
Min.	0	4	3	35	3	3
A.F.	780	1040	1790	2700	1790	1110

Water diverted 9210 A.F. Acreage reported D-649 5053

COLUMUS POWER CANAL from Loup River
Measured through section of canal—Sec. 6-16-4 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1320	2060	2040	1960	955	1970	2140	2750	1620	1880	618	1480
2	1310	2040	2090	1880	1080	1670	1960	2720	2170	1500	883	1420
3	1250	2020	2190	1900	1170	44	1990	2800	2480	1440	982	1320
4	1260	2090	45	1890	1280	15	2120	2770	2450	1340	840	1320
5	1310	2210	280	1040	1320	390	1920	2680	2390	1250	848	1280
6	1400	2220	28	144	1150	886	1830	2510	2080	1140	814	1290
7	1500	2410	570	111	1130	2140	1680	2520	1780	1130	1990	1210
8	1480	2510	402	165	1240	2180	1830	2520	1620	1040	2540	1360
9	1520	2510	198	26	1040	1960	1830	2580	1720	901	2320	1440
10	1520	2240	814	24	1240	1830	1740	2520	1740	901	1880	1480
11	1500	2260	1380	15	401	1780	1810	2430	1850	780	1780	1750
12	1510	2200	780	36	58	1810	1720	2300	1680	686	1620	1580
13	1520	2170	2120	45	692	135	1740	2180	1580	618	1560	1400
14	1540	2110	423	93	1340	64	1680	2130	1560	522	1600	1320
15	1560	2100	602	423	1640	648	1880	2040	1930	452	1500	1320
16	1580	2020	40	226	1360	1750	2110	2210	2430	423	1520	1400
17	1660	2030	28	366	1560	1880	2110	2610	2350	409	1700	1500
18	1760	1990	105	409	1560	1980	1970	2270	2330	387	1780	1520
19	1750	2220	268	491	1480	1910	1830	2160	2580	402	1920	1420
20	1800	1580	678	366	152	2130	1810	2080	2240	394	2100	1380
21	1700	475	806	346	624	2110	2040	1980	2190	380	1800	1380
22	1700	806	346	332	1500	1970	2390	1860	2200	366	1640	1380
23	1990	1830	460	416	1780	1970	2310	1960	2110	452	1680	1360
24	2430	2310	452	530	1830	2000	2240	2170	1990	554	1960	1320
25	2280	2610	652	586	1810	2060	2040	2110	1680	695	2160	1340
26	2040	2550	991	627	1820	2100	1840	1990	1580	695	1830	1320
27	2120	2300	1320	644	1960	2070	1850	2090	1440	644	1660	1300
28	2030	2210	1380	712	2070	2000	2050	1820	1280	652	1560	1340
29	1990	2220	1420	772	.....	2070	2210	1900	1250	610	1460	1340
30	2020	2130	1480	788	.....	2070	2400	1840	1210	602	1480	1400
31	1870	.....	1770	831	.....	2160	.....	1780	.....	578	1460	.....
Mean	1685	2081	844	587	1259	1605	1969	2267	1917	768	1596	1389
Max.	2430	2610	2190	1960	2070	2180	2390	2800	2580	1880	2540	1750
Min.	1250	475	28	15	58	15	1680	1780	1210	366	618	1210
A.F.	103580	123830	51880	36090	69900	98680	117160	139400	114070	47250	98150	82650

Water diverted 1082640 A.F.

COURT HOUSE ROCK CANAL from Pumpkinseed Creek—Measured through rating flume—Sec. 30-19-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	2	0	20	12	10	10
2	3	0	19	10	10	11
3	4	0	19	10	9	12
4	5	0	17	11	8	13
5	7	0	14	11	9	14
6	8	0	12	10	10	15
7	11	15	12	9	11	14
8	10	15	16	4	11	12
9	10	15	15	9	11	14
10	10	14	14	10	11	13
11	11	15	14	9	10	14
12	13	15	13	11	10	14
13	10	15	14	11	9	14
14	10	16	15	10	9	12
15	10	15	16	11	17	13
16	8	14	16	13	28	13
17	10	14	16	12	16	13
18	10	14	17	13	14	13
19	13	16	18	14	13	13
20	13	15	16	14	12	11
21	14	17	15	13	12	10
22	15	25	14	12	12	11
23	14	27	15	13	11	12
24	8	26	15	14	11	9
25	0	25	17	17	11	8
26	0	23	21	15	10	4
27	0	21	20	14	10	2
28	0	18	17	12	10	1
29	0	22	11	12	10	8
30	0	21	13	10	10	10
31	0	21	.....	10	9	.....
Mean	7	15	16	11	11	11
Max.	15	27	21	17	28	15
Min.	0	0	11	4	8	1
A.F.	450	900	930	710	700	660

Water diverted 4350 A.F. Acreage reported D-840-1028 1462

COURTLAND CANAL from Republican River—Measured through orifice—Sec. 18-1-9 W.

Day	May	June	July	Aug.	Sept.
1	0	36	52	75	52
2	0	36	52	74	52
3	0	36	52	74	52
4	0	36	52	72	52
5	0	36	52	75	52
6	0	38	50	75	50
7	0	35	56	72	50
8	0	35	58	68	50
9	0	36	58	68	52
10	3	38	59	68	52
11	9	38	60	68	52
12	24	38	60	66	50
13	24	38	65	66	50
14	19	38	74	68	48
15	12	39	77	68	36
16	12	41	78	68	33
17	12	39	80	70	33
18	24	38	80	64	36
19	34	39	80	50	38
20	30	39	80	48	36
21	28	39	80	50	27
22	27	39	80	50	24
23	27	39	75	50	19
24	25	39	66	48	21
25	25	40	68	48	23
26	28	40	68	48	23
27	36	40	68	48	22
28	40	42	68	48	19
29	34	48	66	52	17
30	34	52	72	52	16
31	35	.....	74	52	.....
Mean	17	39	66	61	38
Max.	40	52	80	75	52
Min.	0	35	50	48	16
A.F.	1080	2310	4090	3770	2260

Water diverted 13510 A.F. Acreage reported A-4222 2389
Supplemental storage available

COZAD CANAL from Platte River
Measured through section of canal—Sec. 13-11-25 W.

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	28	14	0	0	20	96	f36	11
2	28	14	0	0	20	143	160	11
3	27	14	0	0	19	138	189	11
4	28	14	0	0	21	140	191	10
5	30	15	0	0	20	165	184	11
6	30	5	0	0	18	177	186	12
7	30	0	0	0	19	210	165	11
8	26	0	0	6	36	228	153	12
9	19	0	0	19	38	223	133	9
10	15	0	0	16	38	233	87	0
11	15	0	0	17	44	232	86	0
12	15	0	0	17	44	261	81	0
13	15	0	0	10	42	293	57	0
14	12	0	0	7	52	294	48	0
15	13	0	0	16	47	266	38	0
16	18	0	0	21	46	205	7	0
17	21	0	0	23	44	206	9	0
18	20	0	0	24	40	202	8	0
19	21	0	0	33	33	201	0	0
20	21	0	21	33	34	202	0	0
21	23	0	8	32	39	205	0	0
22	20	0	13	30	38	204	0	0
23	16	0	17	23	35	200	0	0
24	16	0	12	22	38	190	0	0
25	17	0	8	15	45	155	0	0
26	18	0	9	6	47	148	0	0
27	18	0	8	16	50	136	0	0
28	17	0	5	20	84	133	0	0
29	16	0	0	21	91	135	11	0
30	14	0	0	20	92	134	11	0
31	14			22		132	11	
Mean	20	3	3	15	41	190	63	3
Max.	30	15	21	33	92	294	191	12
Min.	12	0	0	0	18	96	0	0
A.F.	1230	150	200	930	2450	11680	3870	190

Water diverted 20700 A.F.
Acreage reported D-626 25220
Sutherland storage available

CRESCENT LAKE OUTLET To Blue Creek—Sec. 21-20-44 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	4
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	9	0
6	0	0	0	20	0
7	0	0	0	20	0
8	0	0	0	19	0
9	0	0	0	18	0
10	0	0	0	16	0
11	0	0	0	14	0
12	0	0	23	12	0
13	0	0	23	12	0
14	0	0	22	12	0
15	0	0	20	11	0
16	0	0	18	11	0
17	0	0	17	10	0
18	0	0	18	10	0
19	0	0	17	10	0
20	0	0	15	8	0
21	0	0	14	10	0
22	0	0	6	11	0
23	0	0	0	9	0
24	0	0	0	9	0
25	0	0	0	9	0
26	0	0	0	8	0
27	0	0	0	6	0
28	0	0	0	5	0
29	0	0	0	5	0
30	0	0	0	5	0
31	0		0	4	
Mean	0	0	6	9	0
Max.	0	0	23	20	4
Min.	0	0	0	0	0
A.F.	0	0	380	580	10

Water withdrawn 970 A.F.

CULBERTSON CANAL from Frenchman River—Measured through rating flume Sec. 31-5-33 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	95	0	113	34	98	129	96
2	94	0	104	30	94	130	112
3	92	0	103	38	106	122	101
4	98	0	107	37	100	119	100
5	102	0	104	38	94	125	104
6	104	0	105	36	90	124	96
7	104	0	104	56	88	128	95
8	102	0	96	77	84	128	101
9	104	0	80	80	83	119	109
10	101	0	58	96	93	116	113
11	96	0	69	86	90	114	108
12	104	0	71	94	90	109	102
13	100	0	63	98	88	110	104
14	100	0	62	98	84	112	108
15	0	0	63	104	84	112	106
16	0	0	61	82	86	98	104
17	0	0	54	107	105	121	115
18	0	0	50	106	109	118	112
19	0	55	39	104	110	116	109
20	0	53	33	110	112	114	105
21	0	56	39	120	118	110	103
22	0	78	39	99	124	109	105
23	0	94	36	104	125	110	106
24	0	90	37	100	129	107	106
25	0	91	39	90	131	103	107
26	0	92	36	90	116	102	102
27	0	98	30	86	112	103	98
28	0	98	34	90	106	96	105
29	0	102	35	100	107	106	111
30	0	102	35	103	117	103	108
31	0		34		122	99	
Mean	45	34	62	83	103	113	105
Max.	104	102	107	120	131	130	115
Min.	0	0	30	30	83	96	95
A.F.	2770	2000	3830	4940	6340	6970	6250

Water diverted 33100 A.F.
Acreage reported D-24, 25, 29, 30 9353

DAWSON COUNTY CANAL from Platte River—Measured through section of canal Sec. 7-10-23 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	100	0	80	78	186	333	92
2	103	0	68	122	210	311	91
3	109	0	46	148	154	269	86
4	124	0	32	138	139	277	79
5	129	0	29	148	188	170	88
6	125	0	30	131	243	180	160
7	132	0	29	121	292	265	165
8	131	0	29	98	298	313	162
9	69	0	32	73	288	383	164
10	29	0	21	65	286	337	162
11	27	0	32	86	354	350	112
12	26	0	32	107	363	315	109
13	12	0	31	78	298	236	103
14	0	0	30	157	307	243	99
15	0	0	29	138	352	189	99
16	0	0	43	145	449	228	99
17	0	0	44	148	472	221	92
18	0	0	74	151	465	112	87
19	0	0	72	122	442	65	85
20	0	0	151	87	414	36	79
21	0	0	183	88	444	75	75
22	0	0	159	107	472	109	74
23	0	0	139	133	487	104	74
24	0	0	150	93	475	109	75
25	0	0	145	86	311	106	78
26	0	0	132	102	249	104	97
27	0	79	104	104	200	109	164
28	0	89	120	131	204	106	167
29	0	72	120	146	178	95	146
30	0	65	91	172	265	104	139
31	0		87		307	95	
Mean	36	10	76	117	316	192	110
Max.	132	89	183	172	487	383	167
Min.	0	0	21	65	139	36	74
A.F.	2210	600	4690	6950	19420	11800	6550

Water diverted 52220 A. F.

Acreage reported	
D-621	520
D-622	65730
D-624	3040
A-2039	5128
A-2093	213
A-2110	18146
A-2145	860
A-2262	890
Total	94527

Sutherland storage available

ELM CREEK CANAL from Platte River and Sutherland Reservoir Measured through rating flume Sec. 5-8-19 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	18	0	17	17	102	15
2	20	0	18	15	86	9
3	13	0	12	18	45	7
4	10	8	11	21	80	11
5	9	5	10	20	80	23
6	18	3	10	29	100	36
7	16	5	12	42	92	49
8	9	2	12	43	78	49
9	8	4	11	44	60	66
10	7	1	14	71	4	76
11	6	5	23	83	2	76
12	7	4	22	81	0	66
13	12	7	22	80	0	45
14	8	7	21	96	9	42
15	7	7	14	112	9	45
16	5	14	7	88	20	54
17	4	17	0	90	44	51
18	8	15	0	94	41	49
19	11	15	0	100	25	57
20	13	14	0	97	14	41
21	13	18	2	106	5	40
22	13	19	14	106	3	58
23	4	21	22	86	2	76
24	0	23	19	107	5	60
25	0	24	14	82	19	39
26	0	21	12	70	27	31
27	0	21	14	106	36	31
28	0	21	15	106	41	27
29	0	20	18	92	36	18
30	0	20	17	86	32	10
31	0	19		94	20	
Mean	77	12	13	74	36	42
Max.	20	24	23	112	102	76
Min.	0	0	0	15	0	7
A.F.	470	710	760	4530	2220	2490

Water diverted 11180 A.F.

Acreage reported	
A-2093R	68
A-2104	15853
Total	15921

Sutherland storage available

ENTERPRISE CANAL from North Platte River—Measured through rating flume Sec. 27-23-57 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	55	0	38	58	58	67	64
2	51	0	39	51	65	64	65
3	51	0	39	62	64	64	68
4	51	0	47	55	64	70	68
5	53	0	76	52	65	78	69
6	62	0	77	62	62	75	68
7	55	0	69	68	56	73	65
8	20	0	41	64	53	65	66
9	13	0	28	63	64	62	66
10	5	0	48	64	64	64	65
11	0	0	48	64	57	73	64
12	0	0	34	64	49	76	64
13	0	0	36	63	55	67	70
14	0	0	39	62	80	63	70
15	0	0	34	60	71	60	71
16	0	0	35	57	84	61	74
17	0	0	39	56	93	65	75
18	0	0	41	57	86	65	76
19	0	0	45	68	82	63	77
20	0	29	51	73	86	61	80
21	0	27	56	64	74	64	75
22	0	27	54	56	60	63	72
23	0	27	34	56	76	64	72
24	0	27	44	62	73	63	70
25	0	30	45	66	73	63	66
26	0	34	48	65	73	63	60
27	0	26	44	64	77	61	57
28	0	32	42	58	74	63	55
29	0	34	42	55	68	64	60
30	0	39	44	50	69	64	44
31			54		67	65	
Mean	13	11	46	61	69	66	67
Max.	62	39	77	73	93	78	80
Min.	0	0	28	50	49	60	44
A.F.	820	660	2800	3610	4250	4030	4000

Water diverted 20170 A.F.

ENTERPRISE CANAL from Wet Spotted Tail Creek—Measured in channel of stream
Sec. 22-23-56 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	17	0	7	6	6	14	10
2	17	0	7	6	6	14	10
3	17	0	7	6	6	14	10
4	17	0	7	6	6	14	9
5	17	0	7	6	6	14	9
6	17	0	7	7	9	15	9
7	17	0	7	7	9	15	9
8	17	0	7	7	9	15	9
9	17	0	7	7	9	15	9
10	6	0	7	7	9	15	9
11	0	0	7	7	9	15	9
12	0	0	7	7	9	14	9
13	0	0	7	7	9	14	9
14	0	0	7	7	9	14	9
15	0	0	7	7	9	13	9
16	0	0	7	7	9	13	9
17	0	0	8	7	10	12	9
18	0	0	8	7	10	12	9
19	0	0	8	7	10	12	9
20	0	7	8	7	10	11	9
21	0	7	8	7	10	11	9
22	0	7	8	7	11	10	9
23	0	7	8	6	11	10	9
24	0	7	7	6	11	10	9
25	0	7	7	6	12	10	9
26	0	7	7	6	12	10	9
27	0	7	7	6	12	10	9
28	0	7	7	6	13	10	9
29	0	7	6	6	14	10	9
30	0	7	6	6	14	10	9
31	0	..	6	..	14	10	..
Mean	5	3	7	7	10	12	9
Max.	17	7	8	7	14	15	10
Min.	0	0	6	6	6	10	9
A.F.	320	150	440	390	600	760	540

Water diverted 3200 A.F.

ENTERPRISE CANAL from Morrill Drain
Measured in channel of drain
Sec. 14-23-57 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	1	0	2	1	1	3	2
2	1	0	2	1	1	3	2
3	1	0	2	1	1	3	2
4	1	0	2	1	1	3	2
5	1	0	2	1	1	3	2
6	1	0	2	1	1	3	2
7	1	0	2	1	1	3	2
8	1	0	2	1	1	3	2
9	1	0	2	1	1	3	2
10	1	0	2	0	1	3	2
11	0	0	2	0	1	3	2
12	0	0	1	0	1	3	2
13	0	0	1	0	1	3	2
14	0	0	1	0	1	3	2
15	0	0	1	0	1	3	2
16	0	0	1	0	1	3	2
17	0	0	1	0	1	3	2
18	0	0	1	0	1	2	2
19	0	0	1	0	1	2	2
20	0	0	1	0	1	2	2
21	0	0	1	0	2	2	2
22	0	0	1	0	2	2	2
23	0	0	1	1	2	2	2
24	0	0	1	1	2	2	2
25	0	0	1	1	2	2	3
26	0	0	1	1	2	2	3
27	0	0	1	1	2	2	3
28	0	1	1	1	3	2	3
29	0	1	1	1	3	2	3
30	0	1	1	1	3	2	3
31	0	..	1	..	3	2	..
Mean	1	0	1	1	1	3	2
Max.	1	1	2	1	3	3	3
Min.	0	0	1	0	1	2	2
A.F.	20	10	80	30	90	160	130

Water diverted 520 A.F.

ENTERPRISE CANAL from Stewart Drain
Measured in channel of drain
Sec. 13-23-57 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	..	0	..	0	0	..
Mean	0	0	0	0	0	0	0
Max.	0	0	0	0	0	0	0
Min.	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	0

ENTERPRISE CANAL from Tub Springs
Difference between stations upstream and downstream from canal
Sec. 32-23-55 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	17	0	0	22	18
2	0	0	7	0	0	21	18
3	0	0	15	0	0	21	19
4	0	0	22	0	0	22	14
5	0	0	20	9	0	22	0
6	0	0	0	0	5	21	0
7	0	0	0	0	11	12	4
8	0	0	0	0	14	14	12
9	0	0	5	0	15	20	15
10	0	0	4	0	17	22	17
11	0	0	10	0	18	21	21
12	0	0	15	0	19	0	20
13	0	0	17	0	16	10	23
14	0	0	17	0	7	17	12
15	0	0	18	0	21	16	8
16	0	0	11	0	16	0	5
17	0	0	0	0	11	11	4
18	0	0	6	0	16	21	0
19	0	0	12	0	20	20	0
20	0	0	7	0	20	10	0
21	0	0	9	0	0	11	5
22	0	0	4	0	0	15	7
23	0	0	0	0	0	15	3
24	0	0	0	10	0	23	0
25	0	1	0	0	0	25	0
26	0	0	0	0	0	25	0
27	0	9	0	0	7	23	0
28	0	17	0	0	12	22	0
29	0	19	0	0	20	20	0
30	0	21	0	0	21	19	0
31	0	..	0	..	21	18	..
Mean	0	2	7	1	10	17	8
Max.	0	21	22	10	21	25	23
Min.	0	0	0	0	0	0	0
A.F.	0	130	430	40	610	1070	450

Water diverted 2730 A.F.

ENTERPRISE CANAL
Summary in Acre-feet—1954

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River	820	660	2800	3610	4250	4030	4000	20170
Wet Spotted Tail	320	150	440	390	600	760	540	3200
Morrill Drain	20	10	80	30	90	160	130	520
Stewart Drain	0	0	0	0	0	0	0	0
Tub Springs	0	130	430	40	610	1070	450	2730
Total diversion	1160	950	3750	4070	5550	6020	5120	26620

Water diverted 26620 A.F.
Acreage reported D-920 7572

FORSLING-KINNEY CANAL from Lodgepole Creek—Measured through rating flume—Sec. 33-15-56 W.

Day	May	June	July	Aug.	Sept.
1	2	1	2	2	0
2	2	1	2	2	0
3	3	1	2	2	0
4	3	1	0	1	0
5	3	1	0	1	0
6	3	2	0	1	0
7	4	0	3	1	0
8	4	0	2	1	0
9	4	0	2	1	0
10	3	0	2	1	0
11	4	0	3	1	0
12	4	0	3	1	0
13	4	0	1	1	0
14	4	0	1	1	0
15	4	0	1	1	0
16	4	0	1	2	0
17	3	0	1	2	0
18	4	0	1	1	2
19	4	0	1	1	1
20	0	3	1	1	1
21	0	3	1	1	1
22	0	2	2	1	1
23	0	2	1	1	1
24	2	2	3	1	1
25	2	2	3	2	1
26	1	3	3	2	1
27	1	2	3	4	1
28	1	2	3	4	1
29	1	2	2	3	1
30	1	2	2	2	1
31	1		2	0	
Mean	2	1	2	1	1
Max.	4	3	3	4	2
Min.	0	0	0	0	0
A.F.	150	60	110	90	30

Water diverted 440 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., Wyo.

Day	May	June	July	Aug.	Sept.
1	0	26	684	1185	1125
2	0	32	731	1230	1140
3	4	38	631	1253	1136
4	17	42	682	1283	1135
5	35	28	716	1311	1087
6	3	34	794	1292	1101
7	395	67	915	1200	1060
8	731	28	1040	1134	986
9	849	9	1097	1101	960
10	852	62	1176	1058	977
11	891	0	1207	1028	1007
12	968	7	1271	1000	914
13	1054	5	1346	999	608
14	1208	14	1203	982	567
15	1248	444	1218	1006	612
16	1301	638	1100	1051	617
17	1261	655	1052	1056	606
18	1185	681	1033	1065	584
19	1101	591	1060	1058	563
20	998	654	1068	1062	544
21	849	694	1067	1051	522
22	821	727	1060	1014	471
23	182	734	1017	1019	194
24	8	762	989	1017	9
25	44	827	994	1036	0
26	55	764	994	1070	16
27	9	679	995	1120	0
28	0	666	1009	1117	0
29	28	659	1058	1081	0
30	38	673	1115	1142	0
31	23		1122	1130	
Mean	521	375	1014	1102	618
Max.	1301	827	1346	1311	1140
Min.	0	0	631	982	0
A.F.	32050	22290	62370	67740	36780

Water diverted 221230 A.F.

Acreage reported
A-768 Nebr. 54846
A-768 Wyo. 50210
Total 105056

Pathfinder storage included

FRANKLIN CANAL from Republican River—Measured through orifice—Sec. 11-1-17 W.

Day	May	June	July	Aug.	Sept.
1	0	29	33	44	20
2	0	29	35	44	20
3	0	29	35	44	20
4	0	29	35	44	20
5	6	29	35	44	20
6	11	29	37	43	20
7	11	26	40	39	20
8	11	29	42	38	21
9	11	30	45	38	23
10	11	28	45	35	23
11	15	28	45	33	21
12	18	28	45	33	21
13	18	28	46	33	21
14	19	28	52	33	21
15	19	28	57	33	21
16	19	28	57	33	21
17	19	28	57	25	7
18	10	28	57	25	0
19	10	28	58	24	0
20	28	28	60	20	0
21	28	28	61	20	0
22	28	28	55	20	0
23	28	28	46	20	0
24	28	28	46	20	0
25	25	28	45	20	0
26	29	28	45	20	0
27	29	28	45	20	0
28	28	28	45	20	0
29	28	32	44	20	0
30	28	34	44	20	0
31	28		44	20	
Mean	18	29	46	30	11
Max.	29	34	61	44	23
Min.	0	26	33	20	0
A.F.	1080	1700	2850	1830	670

Water diverted 8130 A.F.

Acreage reported
A-2691a 4283
A-4216 146
Total 4429

FRENCH CANAL from North Platte River—Measured through orifice—Sec. 9-23-60 W., Wyoming

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	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	
Mean	0	0	0	0	0
Max.	0	0	0	0	0
Min.	0	0	0	0	0
A.F.	0	0	0	0	0

FRANKLIN PUMP CANAL from Republican River—Measured through 4-foot Parshall flume—Sec. 5-1-14 W.

Day	May	June	July	Aug.	Sept.
1	0	0	15	29	0
2	0	0	15	35	0
3	0	0	16	36	0
4	0	0	18	36	0
5	0	0	17	36	0
6	0	0	17	33	0
7	0	0	17	36	0
8	0	0	17	34	0
9	0	0	16	33	0
10	0	0	17	34	0
11	0	0	17	30	0
12	0	0	18	27	0
13	0	0	23	20	0
14	0	0	25	8	0
15	0	1	27	0	0
16	0	5	28	0	0
17	0	5	30	0	0
18	0	7	30	0	0
19	0	0	30	0	0
20	0	0	30	0	9
21	0	4	32	0	14
22	0	6	37	0	14
23	0	13	41	0	14
24	0	9	43	0	9
25	0	4	43	0	0
26	0	0	42	0	0
27	0	0	42	0	0
28	0	10	42	0	0
29	0	11	43	0	0
30	0	13	44	0	0
31	0		38	0	
Mean	0	3	28	14	2
Max.	0	13	44	36	14
Min.	0	0	15	0	0
A.F.	0	170	1730	850	120

Water diverted 2870 A.F.

Acreage reported
A-4227 2085

Supplemental storage included

GERING CANAL from North Platte River—Measured through rating flume—Sec. 10-23-60 W., Wyo.

Day	May	June	July	Aug.	Sept.
1	0	23	0	148	0
2	0	13	0	145	0
3	0	11	0	148	0
4	0	9	0	142	0
5	0	6	0	146	0
6	0	3	0	163	0
7	0	4	44	162	0
8	0	0	73	160	0
9	0	0	152	138	0
10	0	0	150	125	0
11	0	36	149	125	0
12	0	33	171	123	0
13	0	30	186	123	0
14	0	177	170	82	0
15	0	149	170	69	0
16	0	63	165	69	0
17	0	61	170	69	0
18	0	71	170	70	0
19	0	82	170	86	0
20	0	0	159	83	0
21	0	25	149	93	0
22	0	4	147	101	0
23	0	0	127	100	0
24	4	0	123	98	0
25	32	0	120	98	0
26	33	33	118	98	0
27	33	43	138	130	0
28	33	22	142	138	0
29	33	14	145	141	0
30	33	1	183	142	0
31	28		206	0	
Mean	7	30	119	113	0
Max.	33	177	206	163	0
Min.	0	0	0	69	0
A.F.	460	1810	7330	6970	0

Water diverted 16570 A.F.

Acreage reported
A-365 14310

Pathfinder storage included

GOTHENBURG CANAL from Platte River for Power and Irrigation
Measured through Parshall flume—Sec. 28-12-26 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	254	71	0	0	233	0	0	134	102	225	399	162
2	252	68	0	0	234	0	0	135	149	217	406	162
3	259	68	0	0	229	0	0	162	169	234	404	130
4	269	81	0	0	223	0	0	154	141	248	404	171
5	261	74	0	15	244	0	0	126	140	261	433	229
6	269	77	0	50	244	0	0	102	129	261	424	233
7	246	122	0	39	254	0	0	97	118	261	394	244
8	216	112	0	24	216	0	0	161	120	275	406	255
9	111	108	0	36	149	0	0	126	123	275	378	217
10	91	144	0	42	93	0	0	118	144	261	394	120
11	76	112	0	66	93	0	0	116	174	279	397	104
12	69	111	0	35	136	0	0	111	156	261	374	122
13	61	104	0	26	116	0	0	105	169	287	367	98
14	66	91	0	44	93	0	32	136	197	307	283	95
15	74	73	0	65	89	0	80	156	206	369	318	93
16	88	51	0	74	25	0	112	171	199	397	316	94
17	91	0	0	98	0	0	89	166	208	404	291	129
18	91	2	0	78	0	0	88	180	188	394	248	108
19	98	5	0	105	0	0	93	169	174	433	116	91
20	98	0	0	108	0	0	100	159	173	417	91	77
21	108	0	0	84	0	0	108	171	156	417	76	94
22	98	0	0	132	0	0	108	146	176	420	69	140
23	91	0	0	129	0	0	168	130	168	415	130	144
24	97	0	0	129	0	0	134	124	193	422	100	144
25	116	0	0	108	0	0	110	117	199	424	88	195
26	105	0	0	183	0	0	101	116	217	397	97	231
27	144	0	0	151	0	0	107	117	217	422	117	229
28	105	0	0	130	0	0	100	101	197	420	124	217
29	91	0	0	173	..	0	101	90	219	420	124	162
30	104	0	0	185	.	0	159	84	250	410	152	157
31	77		0	229		0	..	78	..	413	152	..
Mean	135	49	0	82	95	0	60	131	172	343	260	155
Max.	269	144	0	229	254	0	168	180	250	433	433	255
Min.	61	0	0	0	0	0	0	78	102	217	69	77
A.F.	8280	2920	0	5030	5300	0	3550	8050	10260	21120	16010	9220

Water diverted 89740 A.F.

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	81	17	5	2	142	2	1	76	17	19	134	18
2	83	17	4	2	144	2	1	73	55	18	137	16
3	85	18	4	2	146	2	1	74	60	18	149	15
4	89	18	4	3	143	2	1	70	70	20	130	16
5	92	19	4	3	145	2	1	65	64	20	139	48
6	95	40	4	3	146	2	1	42	58	21	150	95
7	100	48	4	2	127	2	1	22	55	21	147	83
8	81	136	3	2	144	2	1	51	40	20	144	84
9	26	122	3	11	138	2	1	61	24	20	150	92
10	14	123	3	18	101	2	1	48	46	21	148	37
11	14	94	3	21	55	2	1	57	64	22	147	16
12	14	119	3	40	67	1	1	58	42	20	132	16
13	14	132	3	36	67	1	1	51	36	21	137	16
14	13	127	3	31	78	2	7	75	73	20	133	15
15	14	64	3	53	79	2	42	86	75	50	113	15
16	14	63	3	76	70	2	66	82	73	66	120	14
17	14	27	3	45	41	2	77	83	78	78	114	15
18	14	6	3	70	23	2	73	91	51	101	92	15
19	17	5	3	107	3	1	73	94	24	93	40	15
20	17	5	3	113	3	2	73	84	22	107	19	14
21	44	5	3	78	3	2	79	96	22	115	18	14
22	43	5	3	112	2	2	90	85	16	134	16	14
23	14	5	3	113	1	2	106	68	19	134	16	14
24	14	5	3	137	1	1	116	59	17	130	16	14
25	24	6	3	96	1	1	91	58	17	134	16	18
26	18	6	3	102	2	2	73	51	17	148	15	50
27	70	5	3	104	2	2	73	54	17	152	16	79
28	56	5	3	107	2	1	67	63	16	152	16	75
29	27	5	2	123	..	1	61	30	16	152	16	55
30	47	5	3	139	..	1	81	19	20	152	17	64
31	31		2	139		1	..	17		134	18	..
Mean	32	45	3	61	67	2	42	63	40	75	86	35
Max.	100	136	5	139	146	2	116	96	78	152	150	95
Min.	13	5	2	2	1	1	1	17	16	18	15	14
A.F.	2540	2480	200	3750	3720	100	2500	3850	2390	4590	5270	2090

Water returned 33480 A.F.

GOTHENBURG IRRIGATION CANAL from Platte River—Measured through Parshall flume Sec. 28-12-26 W.

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	163	52	0	49	83	203	248	141
2	159	49	0	53	88	196	252	144
3	163	48	0	79	101	213	236	113
4	169	61	0	75	62	225	258	153
5	158	53	0	53	68	238	276	175
6	162	32	0	55	63	237	255	126
7	133	0	0	72	57	237	229	151
8	125	0	0	104	75	252	244	160
9	82	0	0	57	96	252	209	114
10	75	0	0	64	93	237	227	79
11	60	0	0	53	102	254	232	86
12	53	0	0	45	109	238	226	104
13	45	0	0	48	129	263	213	80
14	51	0	0	52	115	284	134	78
15	58	0	0	59	122	313	191	76
16	72	0	0	79	117	323	181	78
17	75	0	0	73	120	316	163	112
18	75	0	0	78	131	280	145	91
19	79	0	0	63	147	329	71	74
20	79	0	0	64	148	297	69	61
21	59	0	0	83	131	288	55	78
22	50	0	7	50	158	269	51	124
23	75	0	49	53	146	264	112	128
24	81	0	4	57	174	276	82	128
25	89	0	8	51	180	273	70	174
26	85	0	19	59	198	230	80	175
27	65	0	25	57	198	251	99	140
28	43	0	25	30	179	249	106	133
29	61	0	32	56	201	249	106	101
30	52	0	68	62	227	239	133	85
31	42			59		262	132	
Mean	88	10	8	61	127	259	164	115
Max.	169	61	68	104	227	329	276	175
Min.	42	0	0	30	57	196	51	61
A.F.	5430	590	470	3710	7570	15940	10090	6870

Water diverted 50670 A.F.

Acreage reported

D-645a	820
D-645b	17000
A-3716	4585
Total	22405

Sutherland storage included

GRAF CANAL from Blue Creek and Crescent Lake—Measured through Parshall flume—Sec. 19-16-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	17	0	6	9	11	18
2	13	0	16	5	15	16
3	9	0	17	5	14	26
4	10	0	22	3	14	26
5	4	0	19	2	17	25
6	2	0	9	7	18	26
7	9	0	17	12	19	25
8	21	0	19	10	19	24
9	21	0	14	8	20	24
10	20	0	14	10	17	23
11	21	0	13	9	20	22
12	19	0	13	1	21	22
13	16	0	12	2	15	22
14	12	0	13	2	1	24
15	0	0	14	0	1	25
16	0	0	14	0	10	24
17	0	0	16	0	24	17
18	0	0	16	1	21	14
19	0	0	15	1	18	14
20	0	0	3	5	18	15
21	0	0	10	0	26	16
22	0	0	14	0	29	14
23	0	0	14	3	27	14
24	0	0	14	0	23	17
25	0	0	10	0	23	18
26	0	0	3	0	17	17
27	0	0	23	0	13	17
28	0	35	18	0	15	21
29	0	0	15	7	16	20
30	0	34	14	11	23	16
31	0	9		10	23	
Mean	6	3	14	4	18	20
Max.	21	35	23	12	29	26
Min.	0	0	3	0	1	14
A.F.	390	150	830	240	1090	1190

Water diverted 3880 A.F.

Acreage reported

D-763R	85
D-781R	15
D-788	1989
Total	2089

Kingsley storage available

HAIGLER CANAL from Republican River
Measured through section of canal
Sec. 2-1-43 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	....	....	....	27	....	41	....
2	....	....	....	....	....	....	....
3	....	....	....	....	....	37	....
4	....	....	28	23	....	34	....
5	....	....	....	33	75	31	....
6	....	22	....	....	48	39	....
7	....	....	....	....	45	45	42
8	....	....	....	....	....	....	....
9	....	....	....	....	....	47	....
10	....	....	....	....	42	47	....
11	....	....	....	....	....	47	....
12	....	....	24	37	28	....	....
13	....	....	....	....	....	47	....
14	23	43	....	....	....	....	....
15	....	....	....	52	....	36	....
16	....	....	....	....	....	24	....
17	....	....	....	40	....	....	....
18	....	....	....	....	37	....	....
19	....	36	....	....	....	....	....
20	....	....	23	....	35	36	....
21	....	36	....	43	32	....	29
22	....	....	35	40	72	....	....
23	....	47	....	....	53	....	....
24	....	....	34	34	43	....	....
25	....	....	....	....	....	....	....
26	....	....	....	35	38	48	....
27	....	42	....	....	36	....	....
28	....	....	....	38	37	....	....
29	31	36	....	34	40	....	....
30	....	....	....	....	....	42	....
31	....	....	....	....	....	....	....

Note: Record from intermittent readings by gage observer.

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	22	0	18	11	12	13
2	21	0	21	11	12	13
3	20	0	20	12	13	14
4	20	0	17	12	12	14
5	21	0	13	12	13	14
6	21	0	12	12	14	14
7	22	0	13	14	13	14
8	24	0	12	14	13	11
9	24	0	14	12	14	14
10	26	0	14	12	13	14
11	24	0	14	12	13	14
12	21	0	15	12	14	14
13	23	0	15	15	13	14
14	23	0	15	1	13	14
15	23	0	16	5	12	15
16	24	0	16	12	14	14
17	29	0	16	12	14	14
18	25	0	17	12	14	14
19	20	0	17	16	14	14
20	17	0	15	14	14	13
21	21	0	14	13	16	10
22	21	0	14	14	14	12
23	16	0	14	14	13	14
24	16	0	14	11	13	12
25	17	0	13	0	13	13
26	16	0	14	0	13	9
27	17	0	18	8	12	11
28	15	16	13	14	12	14
29	0	16	12	13	13	14
30	0	18	11	14	13	16
31	0	12	....	13	13	....
Mean	19	2	15	11	13	13
Max.	29	18	21	16	16	16
Min.	0	0	11	0	12	9
A.F.	1170	120	890	690	810	790

Water diverted 4470 A.F.

Acreage reported

D-781	858
D-788R	19
Total	877

Crescent and Kingsley storage available

HURLEY-LILLY-POLLY CANAL from Lodgepole Creek—Measured through rating flume—Sec. 26-15-56 W.

Day	May	June	July	Aug.	Sept.
1	2	1	0	2	2
2	2	2	0	2	3
3	2	2	0	2	2
4	2	2	0	2	2
5	2	2	0	2	2
6	2	1	0	3	2
7	2	2	0	3	3
8	2	1	0	3	3
9	2	1	0	3	3
10	2	1	0	3	3
11	2	1	0	3	3
12	2	1	0	3	3
13	2	1	0	2	3
14	2	1	0	3	3
15	2	1	0	2	3
16	2	1	1	2	2
17	2	0	1	0	2
18	2	0	0	0	2
19	2	0	3	0	1
20	2	0	3	0	1
21	2	0	2	3	2
22	2	0	4	2	2
23	2	0	2	3	2
24	2	0	1	3	2
25	2	0	1	3	2
26	2	0	3	2	2
27	2	0	3	2	1
28	2	0	3	3	2
29	2	0	2	4	2
30	2	0	2	3	1
31	2	....	2	2	....
Mean	2	1	1	2	2
Max.	2	2	4	4	3
Min.	2	0	0	0	1
A.F.	130	40	70	140	130

Water diverted 510 A.F.

Acreage reported D-354 180

INTERSTATE CANAL from North Platte River—Measured through rating flume Sec. 11-26-65 W., Wyoming

Day	Feb.	Mar.	May	June	July	Aug.	Sept.
1	0	773	0	0	975	1581	1312
2	0	452	0	0	969	1644	1312
3	0	0	58	0	969	1661	1279
4	0	0	322	0	981	1724	1249
5	0	0	306	0	1162	1721	1021
6	0	0	340	0	1242	1675	498
7	0	0	506	0	1343	1511	0
8	250	0	693	0	1390	1324	0
9	372	0	919	0	1404	1219	0
10	520	0	1111	0	1514	1294	0
11	733	0	1123	0	1658	1330	0
12	790	0	1126	0	1780	1360	0
13	853	0	1132	0	1770	1342	0
14	873	0	1171	0	1776	1276	0
15	880	0	1252	0	1868	1300	0
16	943	0	1282	0	1763	1354	0
17	967	0	1355	0	1679	1351	0
18	985	0	1365	150	1588	1273	0
19	976	0	1369	534	1588	1285	0
20	994	0	1362	973	1539	1306	0
21	979	0	1249	1099	1525	1228	0
22	1012	0	1021	1105	1243	1069	0
23	1006	0	730	1141	1027	1063	0
24	1021	0	444	1267	1027	1033	0
25	1000	0	0	1258	1012	1081	0
26	920	0	0	1135	1021	1165	0
27	890	0	0	1108	1210	1204	0
28	883	0	0	1114	1420	1228	0
29	.....	0	0	1021	1364	1282	0
30	.....	0	0	1027	1364	1270	0
31	.....	0	0	.....	1507	1279	.....
Mean	637	40	653	431	1377	1337	222
Max.	1021	773	1369	1267	1868	1724	1312
Min.	0	0	0	0	969	1033	0
A.F.	35400	2430	40140	25650	84650	82180	13230

Water diverted 283680 A. F.

Acreage reported
A-768 Neb. 111855
A-768 Wyo. 16100
Total 127955

Pathfinder storage included

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	4	0	0	242	184	175	222	319	249	46	93	130
2	4	0	0	192	196	50	285	251	284	39	74	90
3	7	0	0	196	193	51	273	281	256	38	55	74
4	6	0	0	213	185	68	264	328	234	38	52	88
5	8	0	0	220	166	102	241	324	182	40	54	116
6	10	0	0	207	223	76	259	319	166	46	67	67
7	12	0	0	144	196	152	280	327	192	55	78	41
8	13	0	0	152	191	175	327	328	155	46	70	34
9	13	0	0	131	185	189	294	317	134	36	71	42
10	13	0	0	54	176	220	97	300	124	34	78	30
11	14	0	0	52	170	259	246	303	147	41	81	36
12	14	0	0	60	163	303	309	278	111	42	76	34
13	15	0	0	67	159	127	330	257	165	49	78	32
14	16	0	0	119	187	95	327	268	148	34	141	39
15	17	0	0	125	187	111	336	288	178	40	189	32
16	16	0	8	114	195	272	335	351	179	74	174	28
17	10	0	15	145	220	287	322	348	179	83	180	19
18	0	0	18	176	225	267	322	251	197	82	265	19
19	0	0	37	167	210	268	322	298	198	74	300	18
20	0	0	72	141	123	255	327	297	173	78	324	17
21	0	0	41	155	181	255	341	303	121	66	316	15
22	0	0	19	152	126	245	325	324	118	66	304	14
23	0	0	18	179	124	265	328	322	122	79	276	17
24	0	0	31	161	181	273	324	267	99	58	229	28
25	0	0	88	154	210	273	320	309	69	55	267	42
26	0	0	128	166	219	257	311	255	55	45	252	54
27	0	0	155	185	214	276	320	261	47	47	246	57
28	0	0	152	211	204	277	322	259	45	63	263	58
29	0	0	151	203	.....	75	319	257	44	68	245	59
30	0	0	94	194	.....	62	319	246	46	58	220	42
31	0	.....	166	199	.....	89	.....	265	.....	54	188	.....
Mean	6	0	38	157	185	189	298	294	147	54	171	46
Max.	17	0	166	242	225	303	341	351	284	83	324	130
Min.	0	0	0	52	123	50	97	246	44	34	52	14
A.F.	380	0	2370	9670	10300	11600	17750	18050	8760	3320	10520	2720

Water diverted 95440 A.F.

Acreage reported D-1023 4210

Sutherland storage available

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	0	0	0	184	174	192	264	310	244	26	0	157
2	0	0	0	161	191	65	256	272	246	11	37	138
3	0	0	0	157	189	26	258	208	258	3	13	77
4	0	0	0	152	157	10	250	246	219	2	0	75
5	0	0	0	180	133	18	232	282	177	5	0	132
6	0	0	0	213	168	118	248	284	166	1	0	90
7	0	0	0	182	187	215	242	297	168	6	59	70
8	0	0	0	202	184	194	284	303	152	0	80	22
9	0	0	0	168	209	196	297	298	142	0	76	0
10	0	0	0	46	167	194	98	282	125	0	82	14
11	0	0	0	68	188	203	232	284	128	0	86	52
12	0	0	0	79	133	238	286	279	112	0	77	54
13	0	0	0	84	178	107	298	266	150	0	89	47
14	0	0	0	85	194	66	290	250	110	0	131	62
15	0	0	0	38	184	79	295	267	181	0	191	58
16	0	0	6	70	205	248	302	294	161	0	168	48
17	0	0	11	105	206	260	297	314	147	0	189	11
18	0	0	13	140	219	256	289	244	156	0	248	13
19	0	0	15	130	224	264	294	279	174	3	270	19
20	0	0	35	120	47	266	297	272	160	6	295	4
21	0	0	52	140	25	255	306	279	115	0	284	2
22	0	0	55	145	73	255	300	290	89	0	289	2
23	0	0	20	150	139	264	302	300	96	19	252	2
24	0	0	20	145	222	270	298	266	97	0	215	10
25	0	0	70	140	198	274	297	281	75	0	249	86
26	0	0	93	150	206	266	286	264	48	0	252	100
27	0	0	133	160	206	274	297	254	45	0	246	110
28	0	0	126	175	192	273	300	234	3	0	237	100
29	0	0	138	184	.....	112	298	236	20	0	228	86
30	0	0	63	186	.....	100	303	231	24	0	210	75
31	0		128	205		160		226		0	188	
Mean	0	0	31	140	171	184	277	271	133	3	153	57
Max.	0	0	138	213	224	274	306	314	258	26	295	157
Min.	0	0	0	38	25	10	98	208	3	0	0	0
A.F.	0	0	1940	8620	9520	11340	16450	16640	7910	160	9400	3400

Water returned 85380 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	80	0	66	63	86	62	83
2	76	0	67	63	85	79	86
3	82	0	67	60	83	79	86
4	83	0	67	64	87	80	87
5	85	0	67	72	86	83	83
6	83	0	67	72	87	82	79
7	78	0	67	69	86	83	57
8	72	0	68	68	90	79	40
9	68	0	79	78	93	78	43
10	71	0	85	75	86	82	41
11	63	0	79	82	25	78	34
12	63	0	75	79	0	40	45
13	52	0	79	80	61	0	68
14	46	0	82	76	87	0	78
15	43	0	83	87	87	0	69
16	43	23	62	83	83	57	60
17	47	41	68	78	87	76	68
18	39	67	51	79	86	79	85
19	40	75	54	78	86	80	78
20	31	72	71	82	86	87	80
21	51	72	68	80	90	87	76
22	57	71	42	85	85	76	76
23	8	55	62	86	87	79	66
24	0	54	72	86	86	79	73
25	0	64	73	86	86	80	64
26	0	68	78	83	85	87	67
27	0	63	78	87	86	83	71
28	0	66	79	90	85	85	75
29	0	66	72	85	86	82	71
30	0	68	68	85	82	82	73
31	0		63		87	82	
Mean	44	31	70	78	81	71	69
Max.	85	75	85	90	93	87	87
Min.	0	0	42	60	0	0	34
A.F.	2700	1830	4280	4640	4960	4340	4090

Water diverted 26840 A.F.
Kingsley storage available
Acreage reported D-722 6050

KIMBALL CANAL from Lodgepole Creek—Measured through section of canal—Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	33	19
2	0	0	0	31	17
3	0	0	0	33	0
4	0	0	0	33	0
5	0	0	0	33	0
6	0	0	25	33	0
7	0	0	22	25	0
8	0	0	23	0	0
9	0	0	23	26	0
10	0	0	27	43	0
11	0	0	28	43	0
12	0	0	29	36	0
13	0	0	44	30	0
14	0	0	45	28	0
15	0	0	43	30	24
16	0	0	34	29	23
17	0	0	38	30	22
18	0	0	48	22	20
19	0	0	40	35	0
20	0	0	38	37	0
21	0	13	29	29	0
22	0	13	30	29	0
23	0	22	30	31	0
24	0	29	35	27	0
25	0	41	34	26	0
26	0	0	33	26	0
27	0	0	32	26	0
28	0	0	31	19	0
29	0	0	27	22	0
30	0	0	29	24	0
31	0		29	23	
Mean	0	4	27	29	4
Max.	0	41	48	43	24
Min.	0	0	0	0	0
A.F.	0	230	1680	1770	250

Water diverted 3930 A.F.
Oliver storage included
Acreage reported A-897 4500

LAST CHANCE CANAL from Pumpkinseed Creek—Measured through rating flume—Sec. 27-19-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	11	8	8	4	7	8
2	9	8	8	8	7	8
3	8	2	8	3	8	8
4	8	0	8	0	8	8
5	8	0	9	0	9	8
6	8	0	9	3	8	8
7	8	0	8	8	9	5
8	8	0	8	9	7	5
9	8	0	8	9	7	5
10	8	0	8	8	7	5
11	8	0	8	0	7	5
12	8	0	8	0	6	5
13	9	0	6	0	5	5
14	8	0	5	0	5	5
15	8	0	5	0	5	5
16	8	1	5	0	6	5
17	8	6	5	0	5	5
18	7	9	5	0	5	5
19	12	9	5	0	6	5
20	16	9	5	7	6	5
21	15	9	5	4	6	5
22	11	8	5	4	6	7
23	0	8	4	4	6	7
24	0	8	4	4	6	11
25	0	8	4	3	6	9
26	0	4	4	3	6	10
27	0	8	4	4	6	11
28	0	8	4	4	9	11
29	0	8	4	4	13	11
30	0	8	4	4	13	9
31	0	8		4	8	
Mean	7	4	6	3	7	7
Max.	16	9	9	9	13	11
Min.	0	0	4	0	5	5
A.F.	400	270	360	200	430	410

Water diverted 2070 A.F.

Acreage reported
D-883 442

LYONS CANAL from North Platte River—Measured through Parshall flume—Sec. 29-17-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	27	0	1	12	18	10
2	16	0	1	15	13	9
3	15	0	1	15	0	15
4	7	0	0	12	0	14
5	4	0	0	10	0	15
6	4	0	0	10	0	15
7	3	0	1	8	0	20
8	0	0	2	9	0	11
9	0	0	3	7	0	8
10	0	0	6	0	0	11
11	0	2	4	0	0	13
12	0	3	4	0	0	13
13	0	2	4	0	1	7
14	0	2	5	0	1	7
15	0	2	9	0	2	10
16	0	2	10	0	10	6
17	0	3	10	0	20	6
18	0	0	9	0	13	8
19	0	0	13	0	12	7
20	0	0	14	0	12	7
21	0	0	18	0	16	8
22	0	0	16	0	14	9
23	0	0	14	0	12	6
24	0	0	9	0	9	10
25	0	4	7	0	6	11
26	0	3	19	0	6	12
27	0	2	23	0	5	13
28	0	1	19	0	3	12
29	0	1	13	8	4	10
30	0	1	13	14	3	13
31	0	2		19	6	
Mean	2	1	8	4	6	11
Max.	27	4	23	19	20	20
Min.	0	0	0	0	0	0
A.F.	150	60	490	280	370	630

Water diverted 1980 A.F.

Acreage reported
D-803 903

Kingsley storage available

LISCO CANAL from North Platte River—Measured over weir Sec. 24-18-47 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	23	0	20	46	30	24
2	20	0	19	43	29	31
3	14	0	17	42	33	41
4	13	12	13	36	33	29
5	14	19	11	33	29	33
6	17	29	11	49	22	42
7	19	21	13	51	18	35
8	21	13	14	48	24	30
9	18	13	11	45	24	21
10	11	7	8	28	35	19
11	10	11	13	21	36	24
12	16	12	24	20	35	11
13	23	17	25	6	24	27
14	23	21	29	0	17	23
15	23	20	33	0	19	12
16	22	12	38	0	35	17
17	24	30	39	0	0	18
18	23	11	19	27	0	17
19	19	11	28	0	0	17
20	20	13	23	24	62	12
21	27	11	24	59	87	9
22	10	11	17	38	25	14
23	0	29	33	29	20	23
24	0	20	38	27	0	28
25	0	12	33	27	13	22
26	0	16	16	31	13	24
27	0	11	0	35	35	28
28	0	17	10	33	29	34
29	0	19	32	29	16	30
30	0	12	62	24	16	31
31	0	12		25	25	
Mean	13	14	22	28	25	24
Max.	27	30	62	59	87	42
Min.	0	0	0	0	0	9
A.F.	810	880	1330	1740	1560	1440

Water diverted 7760 A.F.

Acreage reported

D-856	1392
D-787R	1158
D-796	300
A-243R	635
A-991	216
A-4658	112
A-5572	98
Total	3911

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	2
2	0	0	0	0	2
3	0	0	0	0	2
4	0	0	0	0	2
5	0	0	0	0	2
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	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	2	0	0	0
15	0	2	0	0	0
16	0	2	0	0	0
17	0	2	0	0	2
18	0	2	0	0	2
19	0	2	0	0	3
20	0	3	0	0	3
21	0	2	0	0	0
22	0	2	0	0	0
23	0	3	0	0	0
24	0	3	0	0	0
25	0	3	0	0	0
26	0	3	0	0	0
27	0	3	0	0	0
28	0	3	0	0	0
29	0	0	0	0	0
30	0	0	0	2	0
31	0		0	2	
Mean	0	1	0	0	1
Max.	0	3	0	2	3
Min.	0	0	0	0	0
A.F.	0	70	0	10	50

Water diverted 130 A.F.

Acreage reported

D-351	176
A-734	122
Total	298

MEEKER CANAL from Republican River Measured through rating flume Sec. 15-3-31 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	28	0	29	18	28	50	44
2	26	0	28	17	28	52	52
3	27	0	25	16	33	49	39
4	28	0	17	22	32	48	40
5	31	0	16	22	31	48	48
6	32	0	17	22	29	56	48
7	33	0	17	17	29	56	47
8	36	0	16	20	28	52	47
9	36	0	18	17	38	56	41
10	37	0	18	23	42	56	46
11	38	0	15	35	44	51	44
12	38	0	12	40	33	50	40
13	35	0	12	45	34	52	39
14	34	0	11	32	32	54	39
15	35	0	10	35	33	52	37
16	43	0	12	37	41	48	38
17	52	0	8	42	36	40	36
18	52	0	0	43	35	44	34
19	52	0	0	39	38	41	37
20	54	0	0	35	40	45	37
21	51	0	0	34	33	48	36
22	48	0	0	34	45	50	36
23	50	0	0	30	50	46	37
24	37	0	0	30	50	47	37
25	8	0	0	33	46	40	36
26	0	0	5	34	45	38	35
27	0	32	15	37	42	41	35
28	0	30	15	34	39	42	35
29	0	30	18	33	38	42	35
30	0	30	18	30	46	42	34
31	0		18		44	43	
Mean	30	4	12	30	37	48	40
Max.	54	32	29	45	50	56	52
Min.	0	0	0	16	28	38	34
A.F.	1870	240	730	1800	2300	2930	2360

Water diverted 12230 A.F.

Acreage reported

D-4, 7, 8, 9	2930

MEREDITH-AMMER CANAL from Pumpkinseed Creek—Measured through rating flume—Sec. 23-19-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	1	0	0	8	8	6
2	1	0	0	8	9	6
3	1	0	0	8	8	6
4	1	0	0	7	9	6
5	1	0	0	8	8	6
6	1	0	0	8	9	7
7	2	0	0	6	8	7
8	2	0	0	8	8	7
9	2	0	0	6	7	6
10	2	0	4	5	7	6
11	0	0	10	8	6	7
12	0	0	10	7	6	8
13	0	0	9	7	6	3
14	0	4	8	3	5	0
15	0	6	9	1	4	4
16	0	6	10	1	4	3
17	0	6	9	1	4	6
18	0	7	9	1	5	7
19	0	7	9	1	6	7
20	0	7	8	3	6	7
21	0	9	8	6	6	7
22	0	10	8	8	6	7
23	0	7	6	8	6	7
24	0	4	6	10	6	6
25	0	3	7	8	6	5
26	0	1	7	8	6	2
27	0	0	8	7	5	3
28	0	0	8	8	5	3
29	0	0	8	9	6	3
30	0	0	8	9	6	1
31	0	0		8	6	
Mean	1	2	6	6	6	5
Max.	2	10	10	10	9	8
Min.	0	0	0	1	4	0
A.F.	30	150	340	380	390	320

Water diverted 1610 A.F.

Acreage reported

D-876	435
*D-828	144
Total	579

*Belmont appropriation carried by Meredith-Ammer for lands located west of Pumpkinseed Creek in Section 12-19-50 W.

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	21	0	15	14	49	11
2	21	0	18	18	47	8
3	22	0	14	22	46	20
4	22	0	12	21	45	21
5	22	0	14	23	47	27
6	22	0	15	26	46	27
7	23	0	16	26	44	28
8	24	0	16	26	41	25
9	25	0	14	28	40	20
10	25	0	14	29	39	19
11	26	0	13	40	37	18
12	26	0	12	48	35	17
13	25	0	12	46	35	16
14	24	0	12	45	35	15
15	24	0	11	38	34	15
16	24	0	11	32	34	15
17	9	25	12	48	27	15
18	0	35	12	48	24	15
19	0	28	12	48	19	15
20	0	26	11	49	17	15
21	0	26	12	50	16	15
22	0	22	12	50	15	14
23	0	20	11	48	15	14
24	0	20	13	47	13	14
25	0	17	15	46	13	14
26	0	18	15	46	12	13
27	0	18	14	46	13	13
28	0	15	14	46	13	13
29	0	14	11	46	13	15
30	0	14	11	48	13	18
31	0	16		48	13	
Mean	12	10	13	39	29	17
Max.	26	35	18	50	49	28
Min.	0	0	11	14	12	8
A.F.	760	620	780	2370	1770	1000

Water diverted 7300 A.F.

Acreage reported	
A-2293	2979
A-2678	82
Total	3061

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	19	0	26	30	64	21
2	17	0	29	28	56	20
3	31	0	32	34	52	17
4	31	0	25	34	51	18
5	29	0	19	36	50	33
6	28	0	18	38	46	31
7	26	0	20	36	34	34
8	20	0	19	39	22	28
9	17	0	15	38	19	18
10	15	0	18	38	18	21
11	14	0	23	56	18	18
12	15	0	24	66	19	18
13	16	0	31	67	19	18
14	17	0	32	70	18	21
15	22	0	32	62	18	22
16	23	0	32	58	18	18
17	22	0	34	62	17	17
18	22	0	31	62	17	18
19	17	0	34	63	15	18
20	16	0	26	64	14	17
21	25	0	22	66	14	18
22	28	0	20	66	14	16
23	16	0	16	64	14	15
24	13	11	14	65	13	17
25	14	32	16	65	14	20
26	8	33	26	62	14	18
27	2	28	28	62	14	18
28	1	25	32	64	14	18
29	0	24	38	66	14	22
30	0	22	33	71	18	18
31	0	27		68	21	
Mean	17	7	26	55	24	20
Max.	31	33	38	71	64	34
Min.	0	0	14	28	13	15
A.F.	1040	400	1520	3370	1490	1200

Water diverted 9020 A.F.

Acreage reported	
A-2293	2649
A-2678	189
A-4131	80
Total	2918

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	28	0	40	52	104	31
2	29	0	46	52	100	41
3	30	0	53	65	100	39
4	34	0	25	74	92	44
5	23	0	22	68	88	56
6	25	0	29	60	81	60
7	26	0	46	62	88	59
8	29	0	48	62	81	62
9	30	0	46	72	72	58
10	27	0	46	90	67	50
11	27	0	51	102	64	46
12	24	0	46	108	50	44
13	25	0	52	110	41	42
14	28	0	59	118	39	43
15	33	0	60	120	36	43
16	34	0	57	114	36	44
17	36	0	66	118	30	44
18	31	0	50	116	25	44
19	34	14	47	114	17	43
20	32	22	47	116	13	42
21	28	42	55	118	12	34
22	24	36	40	116	12	25
23	22	44	31	116	13	24
24	18	41	34	114	11	24
25	18	28	35	114	11	27
26	19	24	35	114	11	25
27	5	27	37	112	11	26
28	0	36	40	110	18	28
29	0	37	59	110	23	32
30	0	32	56	108	25	32
31	0	43		104	26	
Mean	23	14	45	98	45	40
Max.	36	44	66	120	104	62
Min.	0	0	22	52	11	24
A.F.	1430	840	2690	6010	2770	2400

Water diverted 16140 A.F.

Acreage reported	
A-2293	6534
A-2678	217
Total	6760

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	36	0	35	66	84	28
2	38	0	35	65	78	29
3	48	0	37	68	83	30
4	50	0	31	70	108	33
5	51	0	32	69	109	50
6	48	0	36	98	68	68
7	48	0	39	79	54	71
8	44	0	36	77	47	66
9	43	0	37	76	42	57
10	44	0	36	91	40	50
11	46	0	41	108	33	44
12	47	0	47	114	31	43
13	47	0	47	120	29	42
14	46	0	48	129	28	44
15	42	0	51	143	27	46
16	35	0	52	138	26	42
17	37	0	41	114	26	36
18	37	0	32	124	26	34
19	34	0	33	139	26	33
20	31	0	33	137	25	29
21	32	0	34	137	26	26
22	34	0	32	129	26	26
23	34	0	33	131	26	26
24	34	0	44	129	26	27
25	37	16	55	126	26	28
26	34	50	58	127	25	28
27	12	55	62	126	26	27
28	0	53	62	127	26	27
29	0	37	72	128	26	28
30	0	34	70	136	26	29
31	0	38		129	26	
Mean	34	9	43	111	41	38
Max.	51	55	72	143	109	71
Min.	0	0	31	65	25	26
A.F.	2120	560	2580	6840	2530	2280

Water diverted 16910 A.F.

Acreage reported	
A-2293	6991
A-2678	188
A-5139	74
Total	7253

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1954

	Oct.	May	June	July	Aug.	Sept.	Total
Diversion:							
Canal No. 1	760	620	780	2370	1770	1000	7300
Canal No. 2	1040	400	1520	3370	1490	1200	9020
Canal No. 3	1430	840	2690	6010	2770	2400	16140
Canal No. 4	2120	560	2580	6840	2530	2280	16910
Total diversion	5350	2420	7570	18590	8560	6880	49370

MIDLAND-OVERLAND CANAL from North Platte River—Measured through Parshall flume—Sec. 2-16-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	21	28	8
2	13	0	0	18	27	7
3	13	0	0	16	17	9
4	13	0	0	11	11	8
5	13	0	0	7	13	7
6	13	0	0	0	0	0
7	13	0	0	0	0	0
8	13	0	0	14	0	9
9	13	0	0	14	0	8
10	0	0	0	0	0	7
11	0	0	0	0	2	8
12	0	0	0	0	10	8
13	0	0	0	0	10	8
14	0	0	0	0	0	9
15	0	0	0	0	0	10
16	0	0	0	0	0	10
17	0	0	11	0	10	9
18	0	0	11	0	16	4
19	0	0	11	0	8	4
20	0	0	13	0	8	5
21	0	0	14	0	15	6
22	0	0	19	0	15	6
23	0	0	20	0	15	5
24	0	0	17	0	14	3
25	0	0	8	0	8	2
26	0	0	16	0	7	2
27	0	0	17	0	5	2
28	0	0	18	0	3	2
29	0	0	20	0	4	2
30	0	0	21	0	4	3
31	0	0	...	27	4	...
Mean	4	0	7	4	8	6
Max.	13	0	21	27	28	10
Min.	0	0	0	0	0	0
A.F.	230	0	430	250	500	340

Water diverted 1750 A.F.

Acreage reported

D-789	1000
D-791	1051
O.D. A-1742 D-800	110
Total	2161

MINATARE CANAL from North Platte River—Measured through rating flume—Sec. 32-22-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	68	0	20	75	64	75
2	67	0	20	77	70	92
3	65	0	47	76	79	82
4	62	0	44	76	77	79
5	60	0	50	76	73	84
6	46	0	56	76	74	77
7	33	0	61	76	72	60
8	0	18	62	74	66	55
9	0	16	64	74	60	49
10	0	19	65	73	57	44
11	0	25	66	75	97	42
12	0	65	74	76	93	39
13	0	72	81	78	97	34
14	0	73	86	78	91	30
15	0	71	79	108	85	32
16	0	14	89	92	91	34
17	0	0	88	98	63	34
18	0	37	89	98	59	42
19	0	77	38	99	57	46
20	0	84	0	98	67	48
21	0	80	20	95	87	47
22	0	78	57	109	76	52
23	0	77	79	93	65	61
24	0	73	91	105	59	67
25	0	67	71	105	52	68
26	0	66	24	105	49	64
27	0	64	35	105	49	58
28	0	65	41	105	47	52
29	0	65	47	54	47	53
30	0	54	55	56	44	54
31	0	27	...	60	65	...
Mean	13	42	57	85	69	55
Max.	68	84	91	109	97	92
Min.	0	0	0	54	44	30
A.F.	800	2550	3370	5250	4230	3280

Water diverted 19480 A.F.

Acreage reported

D-919	*9382

*Does not include optional diversion acreage.

MIRAGE FLATS CANAL from Niobrara River—Measured through 10-foot Parshall flume—Sec. 26-29-48 W.

Day	May	June	July	Aug.	Sept.
1	0	0	47	117	89
2	0	0	47	125	87
3	0	0	45	127	84
4	0	0	45	125	70
5	0	0	60	128	65
6	0	0	91	126	60
7	0	0	112	96	53
8	0	0	122	89	49
9	0	0	138	84	42
10	0	0	150	80	37
11	0	0	151	85	33
12	0	0	162	86	33
13	0	0	176	81	38
14	0	0	180	87	39
15	0	0	178	87	40
16	0	0	178	98	39
17	0	0	178	108	37
18	0	0	173	115	33
19	0	0	170	107	30
20	0	0	153	94	38
21	0	0	139	0	48
22	0	1	123	7	54
23	0	3	102	31	55
24	0	11	78	30	64
25	0	40	79	37	73
26	0	42	84	47	74
27	0	38	88	47	79
28	0	38	92	49	58
29	0	48	106	53	41
30	0	50	112	84	10
31	0	...	116	85	...
Mean	0	9	119	81	52
Max.	0	50	180	128	89
Min.	0	0	45	0	10
A.F.	0	540	7290	4990	3080

Water diverted 15900 A.F.

Acreage reported	
A-2683	9312
A-3729	2328
Total	11640

Box Butte reservoir storage included

NINE MILE CANAL from North Platte River—Measured through rating flume—Sec. 17-21-53 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	72	0	81	50	50	68
2	67	0	66	47	46	60
3	66	0	52	75	44	54
4	67	0	49	70	47	63
5	66	0	42	66	50	67
6	66	74	36	67	53	67
7	64	83	56	60	54	71
8	65	16	35	45	53	75
9	70	27	48	39	53	66
10	70	36	83	36	52	59
11	60	36	73	28	48	57
12	24	0	58	9	72	61
13	20	42	59	7	79	67
14	16	48	72	59	75	73
15	14	47	64	0	76	75
16	12	45	57	0	75	73
17	0	85	64	0	76	69
18	0	76	60	0	73	68
19	0	70	68	0	76	68
20	0	54	64	0	77	70
21	0	82	63	52	78	69
22	0	88	59	51	70	69
23	0	0	55	42	67	68
24	0	56	61	45	70	68
25	0	89	69	48	72	68
26	0	89	61	38	72	68
27	0	90	64	40	72	66
28	0	86	72	44	72	66
29	0	85	64	44	70	67
30	0	86	57	46	68	72
31	0	88	...	49	69	...
Mean	26	51	60	37	65	67
Max.	72	90	83	75	79	75
Min.	0	0	35	0	44	54
A.F.	1620	3130	3590	2290	3980	3990

Water diverted 18600 A.F.

Acreage reported	
D-925	5618
O.D. Petition 262	71
Total	5689

MITCHELL CANAL from North Platte River—Measured through rating flume—Sec. 10-23-60 W., Wyo.

Day	May	June	July	Aug.	Sept.
1	0	150	191	150	0
2	0	150	181	150	0
3	0	150	187	150	0
4	0	150	189	75	0
5	0	150	186	0	0
6	0	150	191	0	0
7	0	150	195	0	0
8	0	147	195	0	0
9	0	146	98	0	0
10	84	149	0	0	0
11	105	150	0	0	0
12	116	150	0	0	0
13	117	150	0	0	0
14	135	0	84	0	0
15	138	0	73	0	0
16	147	0	0	0	0
17	140	0	59	0	0
18	132	0	171	0	0
19	135	0	118	0	0
20	136	171	0	0	0
21	135	195	0	0	0
22	132	195	0	0	0
23	126	190	0	0	0
24	150	186	0	0	0
25	150	185	0	0	0
26	150	195	0	0	0
27	150	195	0	0	0
28	150	195	0	0	0
29	150	195	0	0	0
30	150	195	0	0	0
31	150	...	75	0	...
Mean	96	135	71	17	0
Max.	150	195	195	150	0
Min.	0	0	0	0	0
A.F.	5910	8010	4350	1040	0

Water diverted 19310 A.F.

Acreage reported	
D-1052	13633

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	84	15	44	83	192	86
2	84	7	46	85	189	84
3	84	0	34	98	192	87
4	80	0	25	104	193	101
5	69	0	47	113	196	126
6	72	0	50	102	187	109
7	81	0	50	100	116	110
8	78	5	56	128	111	102
9	77	9	56	138	133	92
10	71	9	70	143	135	89
11	68	17	75	153	128	100
12	73	19	85	159	129	93
13	71	21	81	173	123	97
14	70	20	86	182	125	98
15	71	22	77	186	133	96
16	67	30	80	186	117	102
17	59	32	81	187	130	98
18	54	29	86	186	131	93
19	52	31	84	185	131	91
20	48	33	83	186	116	92
21	58	31	83	193	119	88
22	50	32	81	197	130	95
23	50	36	86	195	106	96
24	38	44	90	200	98	92
25	27	42	87	199	83	87
26	26	48	81	200	87	92
27	25	44	87	199	85	99
28	26	40	95	197	81	90
29	29	42	70	198	75	91
30	28	48	89	203	74	90
31	8	42	...	193	75	...
Mean	57	24	72	163	126	96
Max.	84	48	95	203	196	126
Min.	8	0	25	83	74	84
A.F.	3530	1480	4250	10020	7780	5680

Water diverted 32740 A.F.

Acreage reported	
A-2155	136
A-2312	14909
A-2417	168
A-3821	32
A-4207	62
A-4400	29
Total	15336

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	23	0	28	49	108	20
2	22	0	24	50	120	19
3	19	0	20	57	116	20
4	18	0	24	60	119	24
5	18	0	25	71	114	29
6	18	0	26	74	107	31
7	18	0	26	103	67	31
8	17	0	33	109	61	31
9	17	0	38	111	60	26
10	17	0	43	112	50	26
11	16	55	46	114	41	25
12	16	42	49	115	48	25
13	16	26	48	115	53	24
14	16	26	42	115	52	24
15	14	23	36	120	51	25
16	14	23	43	115	54	25
17	13	23	44	117	64	25
18	13	24	39	119	60	25
19	13	26	34	122	50	25
20	12	29	32	122	48	26
21	12	29	27	125	41	31
22	12	26	30	119	35	31
23	12	24	30	119	3	31
24	11	26	39	122	0	30
25	11	28	43	122	0	31
26	11	27	44	123	21	31
27	11	27	46	122	31	30
28	11	25	46	116	26	31
29	11	25	37	123	29	30
30	8	26	57	124	26	31
31	0	26		120	24	
Mean	14	19	37	107	54	27
Max.	23	55	57	125	120	31
Min.	0	0	20	49	0	19
A.F.	870	1160	2180	6560	3330	1610

Water diverted 15710 A.F.

Acreage reported
A-2312 7346
A-3828 39
Total 7385

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT ORD-NORTH LOUP CANAL from North Loup River
Measured through rating flume
Sec. 36-19-14 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	14	0	23	56	103	20
2	16	0	25	56	104	19
3	17	0	23	54	102	19
4	18	0	24	51	102	17
5	17	0	24	50	95	16
6	17	0	24	59	89	16
7	17	0	24	76	59	16
8	16	0	24	93	53	17
9	17	0	25	111	47	14
10	16	0	25	112	35	14
11	16	0	31	112	29	14
12	17	0	38	111	30	14
13	16	24	36	107	30	14
14	16	27	34	106	30	15
15	15	27	35	111	33	14
16	15	24	37	108	34	12
17	15	24	36	109	38	13
18	15	24	38	112	32	13
19	15	24	40	111	26	13
20	14	24	36	113	29	13
21	15	24	36	113	32	12
22	19	26	38	111	29	15
23	20	31	37	107	2	18
24	17	29	63	112	0	18
25	18	29	66	110	12	17
26	19	28	64	108	23	17
27	18	29	62	107	24	18
28	18	26	63	106	24	19
29	18	26	61	108	24	18
30	18	26	59	109	25	20
31	7	24		107	24	
Mean	16	16	38	97	43	16
Max.	20	31	66	113	104	20
Min.	7	0	23	50	0	12
A.F.	1000	980	2280	5980	2620	940

Water diverted 13800 A.F.

Acreage reported
A-2312 6962

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1954

	Oct.	May	June	July	Aug.	Sept.	Total
Diversion:							
Taylor-Ord	3530	1480	4250	10020	7780	5680	32740
Burwell-Sumter	870	1160	2180	6560	3330	1610	15710
Ord-North Loup	1000	980	2280	5980	2620	940	13800
Total diversion	5400	3620	8710	22560	13730	8230	62250

NORTH PLATTE CANAL from North Platte River—Measured through rating flume—Sec. 18-14-33 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	106	0	135	195	210	236	226
2	119	0	144	188	205	220	220
3	133	0	135	176	203	215	214
4	161	0	114	176	208	226	207
5	166	0	107	166	212	219	222
6	111	0	133	166	212	232	106
7	114	0	128	180	214	215	55
8	135	0	120	151	236	215	103
9	154	0	122	159	242	215	95
10	122	0	122	176	242	202	107
11	119	0	120	176	239	197	88
12	112	0	114	208	229	197	88
13	109	0	133	198	229	202	131
14	101	14	159	200	229	173	183
15	52	58	163	181	229	193	178
16	0	61	169	215	226	203	151
17	0	56	178	217	226	226	119
18	0	62	151	200	226	193	109
19	0	114	149	185	226	168	138
20	0	104	169	185	220	180	131
21	0	54	159	188	222	195	147
22	0	52	136	186	215	198	149
23	0	54	120	198	217	198	159
24	0	85	127	205	232	188	178
25	0	90	119	203	234	193	151
26	0	109	131	203	234	197	115
27	0	125	169	205	236	214	130
28	0	114	168	212	236	234	125
29	0	130	176	200	231	236	84
30	0	141	183	200	232	234	87
31	0	----	192	----	234	202	----
Mean	59	47	143	190	225	207	140
Max.	166	141	192	217	242	236	226
Min.	0	0	107	151	203	168	55
A.F.	3600	2820	8820	11300	13860	12730	8320

Water diverted 61450 A.F. Acreage reported D-635 14067
Kingsley storage available

NORTHPORT CANAL from North Platte River—Measured through section of Tri-State Canal—Sec. 10-23-58 W.

Day	May	June	July	Aug.	Sept.
1	0	0	48	62	52
2	4	0	23	34	0
3	29	0	0	49	0
4	116	0	0	33	0
5	120	0	80	123	0
6	6	0	55	68	0
7	0	0	3	108	22
8	0	0	24	129	0
9	0	0	21	137	19
10	0	0	92	142	53
11	0	0	97	146	42
12	0	0	28	138	23
13	0	23	48	121	22
14	0	17	102	54	5
15	0	71	236	28	0
16	0	63	153	0	0
17	0	122	164	0	2
18	0	117	205	0	24
19	0	169	191	0	36
20	0	136	190	0	23
21	0	169	178	0	32
22	0	124	205	0	0
23	0	106	166	9	12
24	0	111	168	33	4
25	0	86	170	11	7
26	0	76	170	34	10
27	0	44	140	29	0
28	0	56	58	28	0
29	0	69	26	19	0
30	0	47	17	22	0
31	0	----	47	29	----
Mean	9	54	100	51	13
Max.	120	169	236	146	53
Min.	0	0	0	0	0
A.F.	540	3190	6160	3150	770

Water diverted 13810 A.F.
Pathfinder storage included

NORTHPORT CANAL from Drains entering Tri-State Canal

Day	May	June	July	Aug.	Sept.
1	36	0	106	136	174
2	103	0	108	133	153
3	84	0	121	125	138
4	17	0	108	135	124
5	17	0	110	157	120
6	17	0	109	171	183
7	0	64	111	175	181
8	0	73	116	168	182
9	0	81	112	163	180
10	0	71	106	159	178
11	0	76	106	160	177
12	0	86	105	169	175
13	0	108	115	166	172
14	0	109	115	165	171
15	0	108	117	162	160
16	0	104	130	166	161
17	0	97	136	161	168
18	0	97	133	166	170
19	0	94	133	167	163
20	0	103	134	161	162
21	0	101	150	156	164
22	0	100	129	174	151
23	0	106	141	177	162
24	0	109	155	179	160
25	0	117	153	179	160
26	0	136	156	178	157
27	0	129	160	176	81
28	0	107	162	177	0
29	0	104	162	175	0
30	0	111	157	174	0
31	0	----	156	167	----
Mean	9	80	129	164	144
Max.	103	136	162	179	183
Min.	0	0	105	133	0
A.F.	540	4740	7960	10070	8580

Water diverted 31890 A.F.

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet—1954

	Section	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River	10-23-58	540	3190	6160	3150	770	13810
*Sheep Creek	17-23-57	310	2790	4330	5460	4760	17650
*Akers Draw	12-23-57	90	500	650	880	660	2780
*Tub Springs	27-23-55	80	960	1450	1700	1130	5320
*Spotted Tail, Dry	9-23-56	10	170	970	1190	940	3280
*Spotted Tail, Wet	10-23-56	50	320	560	840	1090	2860
*Moffat Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total Diversion		1080	7930	14120	13220	9350	45700

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.

ORCHARD-ALFALFA CANAL from Platte River—Measured through rating flume—Sec. 9-10-24 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	21	0	11	19	70	0
2	21	0	13	18	63	0
3	13	0	12	23	60	0
4	0	0	12	23	61	0
5	0	0	12	31	58	0
6	0	0	6	51	56	0
7	0	0	10	75	52	0
8	0	0	13	77	50	0
9	0	0	14	82	50	0
10	0	2	16	90	43	0
11	0	2	15	93	41	0
12	0	2	16	94	37	0
13	0	4	16	91	36	0
14	0	9	13	94	35	0
15	0	11	9	95	33	0
16	0	12	10	95	29	0
17	0	7	11	96	24	0
18	0	3	10	96	22	0
19	0	2	9	93	3	0
20	0	3	9	92	0	11
21	0	10	8	93	0	21
22	0	12	6	93	0	21
23	0	9	6	86	0	24
24	0	8	5	79	0	23
25	0	8	6	76	0	22
26	0	8	10	80	0	3
27	0	7	12	76	0	0
28	0	10	19	67	0	0
29	0	11	23	64	0	0
30	0	11	21	67	0	0
31	0	10		68	0	
Mean	2	5	12	73	26	4
Max.	21	12	23	96	70	24
Min.	0	0	5	18	0	0
A.F.	110	320	700	4520	1630	250

Water diverted 7530 A.F. Acreage reported D-627 5950
Sutherland storage available

OSHKOSH CANAL from North Platte River—Measured through Parshall flume—Sec. 33-17-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	17	0	0	6	19	11
2	14	0	0	4	17	14
3	10	0	0	7	16	16
4	13	0	0	15	4	12
5	15	0	0	13	1	13
6	13	0	0	11	0	17
7	10	0	0	7	0	16
8	11	0	0	7	0	14
9	11	0	9	5	0	14
10	12	0	5	2	0	16
11	10	0	2	0	0	16
12	9	0	0	0	0	17
13	9	0	0	0	0	17
14	9	0	0	0	1	7
15	9	0	8	0	3	19
16	10	0	8	0	6	13
17	10	0	22	0	9	12
18	9	0	12	0	12	11
19	9	0	11	0	22	9
20	9	0	12	0	15	8
21	0	0	17	0	16	8
22	0	0	17	0	16	8
23	0	0	8	0	14	8
24	0	0	5	0	4	6
25	0	0	3	0	6	3
26	0	0	13	0	7	5
27	0	0	20	0	8	6
28	0	0	6	1	15	6
29	0	0	9	8	16	5
30	0	0	10	16	15	6
31	0	0		15	12	
Mean	7	0	7	4	8	11
Max.	17	0	22	16	22	19
Min.	0	0	0	0	0	3
A.F.	430	0	390	230	500	660

Water diverted 2210 A.F. Acreage reported D-797 2028
Kingsley storage available

OWASCO CANAL from Lodgepole Creek—Measured through rating flume—Sec. 29-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	2	5	3	4
2	0	3	6	3	4
3	0	2	6	3	5
4	0	3	4	3	4
5	0	3	4	3	4
6	0	3	5	3	4
7	0	3	5	4	4
8	0	2	5	4	5
9	0	2	5	4	4
10	0	2	5	3	4
11	0	1	4	3	4
12	0	1	4	3	4
13	0	1	3	3	5
14	0	1	3	4	0
15	0	1	3	3	0
16	0	1	4	3	0
17	0	1	5	5	0
18	0	2	4	7	0
19	0	2	2	9	0
20	0	2	1	5	0
21	5	2	2	5	0
22	6	1	6	4	0
23	6	3	2	4	0
24	6	4	3	4	0
25	4	3	4	5	0
26	4	9	3	4	0
27	4	3	3	4	0
28	4	3	9	4	0
29	3	4	3	5	0
30	2	5	4	4	0
31	2	..	3	4	..
Mean	1	2	4	4	2
Max.	6	9	9	9	5
Min.	0	1	1	3	0
A.F.	90	150	250	250	110

Water diverted 850 A.F.

Acreage reported

D-347R	83
A-725	689
Total	772

PAISLEY CANAL from Blue Creek Measured through rating flume—Sec. 6-16-42 W.

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	5	9	0	16	16	13	0	7
2	9	8	0	5	17	13	0	8
3	14	8	0	4	18	13	0	3
4	13	7	0	6	6	13	0	0
5	13	0	0	9	1	13	0	0
6	13	0	0	11	1	0	2	0
7	13	0	0	9	4	0	9	0
8	12	0	0	11	6	0	12	0
9	12	0	0	15	7	0	11	0
10	11	0	0	16	7	0	12	0
11	11	0	0	16	8	0	12	0
12	10	0	0	15	7	0	12	0
13	11	0	0	15	6	2	11	0
14	17	0	0	15	6	16	11	0
15	17	0	0	10	7	16	11	0
16	17	0	0	2	7	14	9	0
17	16	0	0	0	8	14	7	0
18	16	0	0	0	8	14	10	0
19	15	0	0	2	9	13	8	0
20	15	0	0	3	8	13	7	0
21	15	0	0	9	12	14	10	0
22	15	0	0	8	10	10	18	0
23	10	0	11	10	10	11	12	0
24	10	0	9	9	13	8	8	0
25	11	0	11	10	14	0	10	0
26	9	0	13	17	4	0	11	10
27	10	0	14	18	8	0	10	6
28	9	0	11	17	14	0	9	0
29	9	0	13	16	14	0	9	0
30	9	0	15	15	14	0	9	2
31	9	..	..	15	..	0	8	..
Mean	12	1	3	10	9	7	8	1
Max.	17	9	15	18	18	16	12	10
Min.	5	0	0	0	1	0	0	0
A.F.	750	60	190	640	540	420	510	70

Water diverted 3180 A.F.

Acreage reported

D-800	815
A-515	95
A-1738	231
Total	1141

PAXTON-HERSHEY CANAL from North Platte River—Measured through Parshall flume—Sec. 18-14-33 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	58	0	37	82	105	86	85
2	46	0	39	82	102	87	92
3	37	0	39	75	105	85	91
4	38	0	37	75	102	89	92
5	41	0	36	75	104	101	85
6	39	0	38	73	104	100	24
7	34	0	45	73	103	90	32
8	31	0	49	71	103	89	45
9	33	0	46	62	105	91	36
10	35	0	45	74	57	89	24
11	34	0	45	73	0	84	21
12	11	0	50	90	0	85	21
13	0	0	25	89	59	84	34
14	0	0	17	87	89	80	46
15	0	0	22	85	91	42	65
16	0	0	37	84	93	70	72
17	0	0	51	85	90	93	67
18	0	0	49	90	89	92	68
19	0	0	49	83	90	90	63
20	0	0	43	70	90	79	70
21	0	0	47	57	88	75	69
22	0	0	52	43	88	74	68
23	0	0	47	45	89	76	68
24	0	0	52	80	92	64	64
25	0	0	55	84	89	45	58
26	0	34	54	93	85	45	59
27	0	42	63	96	86	57	60
28	0	39	63	109	88	83	57
29	0	33	77	105	89	87	60
30	0	35	80	106	89	88	61
31	0	...	78	...	88	74	...
Mean	14	6	47	80	86	80	59
Max.	58	42	80	109	105	101	92
Min.	0	0	17	43	0	42	21
A.F.	870	360	2910	4750	5260	4910	3480

Water diverted 22540 A.F.
Acreage reported D-653 7358
Kingsley storage available

RAMSHORN CANAL from North Platte River—Measured through rating flume—Sec. 19-23-57 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	8	0	16	17	0	0
2	13	0	13	17	0	0
3	0	0	12	18	0	0
4	0	0	11	18	0	0
5	0	0	10	18	0	0
6	0	0	10	4	0	0
7	0	0	10	0	1	0
8	0	0	10	0	0	0
9	0	0	10	3	0	0
10	0	0	10	0	1	0
11	0	0	10	0	0	0
12	0	0	11	0	0	0
13	0	0	12	0	0	0
14	0	0	11	2	0	0
15	0	0	5	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	8	0	0	0	0
19	0	12	0	0	0	0
20	0	14	11	0	0	0
21	0	16	16	0	0	0
22	0	17	16	0	0	0
23	0	24	16	0	0	0
24	0	21	15	0	0	0
25	0	5	15	0	0	0
26	0	14	15	0	0	0
27	0	14	16	0	0	0
28	0	5	16	0	0	0
29	0	4	17	0	0	0
30	0	5	18	0	0	0
31	0	11	...	0	0	...
Mean	1	5	11	3	0	0
Max.	13	24	18	18	1	0
Min.	0	0	0	0	0	0
A.F.	40	340	660	190	4	0

Water diverted 1234 A.F.
Acreage reported D-945 1652

RIVERSIDE CANAL from Frenchman River Measured in section of canal—Sec. 33-4-32 W.

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	0	12	0	8	2	0	10	4
2	0	12	0	15	2	0	12	1
3	0	12	0	15	1	0	11	3
4	0	13	0	13	0	0	9	3
5	0	13	0	8	0	0	8	2
6	0	14	0	5	0	0	7	0
7	0	14	0	3	0	0	6	4
8	0	12	0	4	0	0	5	0
9	0	13	0	4	0	4	5	0
10	0	10	0	0	1	9	6	0
11	0	8	0	4	2	10	6	0
12	0	8	0	6	3	6	6	0
13	0	8	0	7	9	5	6	0
14	0	8	0	6	15	5	6	0
15	0	7	0	9	9	5	11	0
16	0	6	0	11	9	1	8	2
17	0	6	0	11	7	5	0	3
18	6	6	0	11	7	5	0	3
19	8	6	0	6	5	5	3	4
20	8	3	0	5	2	5	4	4
21	9	0	9	4	3	6	0	4
22	12	0	15	3	2	9	0	4
23	12	0	15	2	7	10	4	4
24	12	0	12	2	7	11	6	5
25	12	0	11	4	7	10	6	5
26	12	0	13	7	10	10	4	5
27	11	0	11	7	11	9	5	6
28	11	0	9	7	9	10	5	6
29	11	0	8	7	5	7	4	6
30	11	0	6	7	0	6	4	6
31	12	...	...	2	...	6	4	...
Mean	5	6	4	7	4	5	6	3
Max.	12	14	15	15	15	11	12	6
Min.	0	0	0	0	0	0	0	0
A.F.	290	380	220	400	270	320	340	170

Water diverted 2390 A.F.
Acreage reported
D-18 352
A-1674 175
Total 527
Supplemental storage included

RUTTNER CANAL (New) from Lodgepole Creek—Measured through rating flume—Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	2	0	1	2
2	0	2	0	1	3
3	0	4	0	1	2
4	0	3	0	1	2
5	0	3	0	1	2
6	0	3	0	1	1
7	0	0	2	1	3
8	0	0	2	1	2
9	0	0	3	1	3
10	0	0	2	0	3
11	0	0	2	1	3
12	0	0	2	1	3
13	0	0	2	1	2
14	0	0	2	1	2
15	0	0	2	0	1
16	0	0	2	0	1
17	0	0	1	0	2
18	0	0	2	0	1
19	0	0	1	0	1
20	0	0	1	0	1
21	0	1	2	0	1
22	0	2	2	1	1
23	0	2	2	2	1
24	0	2	2	1	1
25	0	2	2	2	1
26	2	3	2	1	1
27	2	0	2	0	4
28	1	0	2	0	4
29	1	0	1	0	4
30	1	0	1	3	4
31	2	..	1	3	..
Mean	0	1	1	1	2
Max.	2	4	3	3	4
Min.	0	0	0	0	1
A.F.	20	60	90	50	120

Water diverted 340 A.F.

Acreage reported

D-350R	22
A-727	35
A-857	92
A-869	44
Total	193

RUTTNER-KINNEY CANAL from Lodgepole Creek—Measured through rating flume—Sec. 31-15-56 W.

Day	May	June	July	Aug.	Sept.
1	2	1	0	2	1
2	2	1	0	2	0
3	2	5	0	2	0
4	2	5	0	2	0
5	2	5	0	1	0
6	3	3	0	1	0
7	3	0	0	1	1
8	3	0	0	1	2
9	3	0	1	2	2
10	4	0	1	2	2
11	4	0	1	2	2
12	4	0	1	2	2
13	4	0	0	2	1
14	5	0	0	2	1
15	5	0	0	2	2
16	5	0	0	1	2
17	5	0	0	1	2
18	6	0	0	1	2
19	6	0	2	1	3
20	6	0	2	1	2
21	6	0	2	1	3
22	3	0	2	1	3
23	3	0	2	2	4
24	4	0	2	2	5
25	3	0	2	0	5
26	1	0	1	1	4
27	1	0	2	1	5
28	1	0	3	1	4
29	1	0	0	2	4
30	1	0	3	1	4
31	1	..	2	1	..
Mean	3	1	1	1	2
Max.	6	5	3	2	5
Min.	1	0	0	0	0
A.F.	200	40	60	90	130

Water diverted 520 A.F.

Acreage reported

D-345	140
D-350	51
A-718R	48
A-1828	14
Total	253

SHERIDAN-WILSON CANAL from Sarben Slough—Measured in section of Slough—Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	8	7	6	8	8
2	8	7	6	8	8
3	8	7	6	8	8
4	8	7	6	8	8
5	8	7	6	8	8
6	8	7	7	8	8
7	8	7	7	8	8
8	8	6	7	8	8
9	8	6	7	8	8
10	8	6	7	8	8
11	8	6	7	8	8
12	8	6	6	8	8
13	8	6	6	8	8
14	8	7	6	8	8
15	8	7	6	8	8
16	8	7	7	8	8
17	9	7	7	8	8
18	9	7	7	8	8
19	9	7	7	8	8
20	9	7	7	8	8
21	9	7	7	8	8
22	9	7	8	8	8
23	9	7	8	8	8
24	9	7	8	8	8
25	8	7	8	8	8
26	8	7	8	8	8
27	8	7	8	8	8
28	8	7	8	8	8
29	8	6	8	8	8
30	8	6	8	8	8
31	8	..	8	8	..
Mean	8	7	7	8	8
Max.	9	7	8	8	8
Min.	8	6	6	8	8
A.F.	510	400	430	490	480

Water diverted 2310 A.F.

SHERIDAN-WILSON CANAL from North Platte River—Measured through section of canal Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	0	0	2	2	0
2	0	0	2	1	0
3	0	0	2	1	0
4	0	0	2	1	0
5	0	0	2	1	0
6	0	0	2	1	0
7	0	0	2	1	0
8	0	0	2	1	0
9	0	0	3	1	0
10	0	0	3	1	0
11	0	0	4	1	0
12	0	0	4	1	0
13	0	0	4	1	0
14	0	0	4	1	0
15	0	0	4	1	0
16	0	0	3	1	0
17	0	0	3	1	0
18	0	0	3	1	0
19	0	0	3	0	0
20	0	0	3	0	0
21	0	0	3	0	0
22	0	0	3	0	0
23	0	0	3	0	0
24	0	0	2	0	0
25	0	0	2	0	0
26	0	0	2	0	0
27	0	2	2	0	0
28	0	2	2	0	0
29	0	3	2	0	0
30	0	3	2	0	0
31	0	..	2	0	..
Mean	0	1	3	1	0
Max.	0	3	4	2	0
Min.	0	0	2	0	0
A.F.	0	20	160	40	0

Water diverted 220 A.F.

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet—1954

	May	June	July	Aug.	Sept.	Total
Diversion:						
North Platte River	0	20	160	40	0	220
Sarben Slough	510	400	430	490	480	2310
Total diversion	510	420	590	530	480	2530

Water diverted 2530 A.F. Acreage reported D-710 676

SHORT LINE CANAL from North Platte River—Measured through rating flume—Sec. 25-21-55 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	14	0	30	34	18	22
2	15	0	33	26	17	19
3	15	0	36	39	18	15
4	6	0	34	32	17	16
5	0	0	34	30	17	18
6	0	0	34	19	17	17
7	0	0	36	22	19	17
8	0	0	35	25	17	19
9	0	0	34	59	16	19
10	0	0	30	59	17	19
11	0	0	25	59	17	19
12	0	0	11	55	17	20
13	0	0	11	0	20	17
14	0	13	25	0	23	22
15	0	29	29	0	28	32
16	0	26	31	0	29	23
17	0	0	33	0	28	25
18	0	0	32	0	24	27
19	0	34	33	0	23	27
20	0	39	29	0	38	26
21	0	38	25	12	25	25
22	0	35	30	23	0	23
23	0	0	35	17	8	23
24	0	0	31	19	17	24
25	0	0	32	17	16	20
26	0	27	38	16	16	21
27	0	29	34	17	16	23
28	0	25	33	17	19	18
29	0	31	31	16	8	17
30	0	34	33	17	13	14
31	0	32	...	18	21	...
Mean	2	13	31	21	19	21
Max.	15	39	38	59	38	32
Min.	0	0	11	0	0	14
A.F.	100	780	1820	1290	1150	1240

Water diverted 6380 A.F. Acreage reported D-946 2762

SIX MILE CANAL from Platte River Measured through Parshall flume Sec. 18-11-25 W.

Day	May	June	July	Aug.	Sept.
1	0	0	12	9	0
2	0	0	23	6	0
3	0	0	23	7	0
4	0	0	10	2	0
5	0	0	12	1	0
6	0	0	12	1	0
7	0	0	11	2	0
8	0	0	10	2	0
9	0	0	22	1	0
10	0	0	22	0	0
11	0	0	25	0	0
12	0	0	25	0	0
13	0	0	13	0	0
14	0	0	20	0	0
15	0	0	22	0	0
16	0	0	24	0	0
17	0	0	32	0	0
18	0	0	33	0	0
19	0	0	22	0	0
20	0	0	20	0	0
21	0	0	14	0	0
22	0	0	12	0	0
23	0	0	13	0	0
24	0	0	8	0	0
25	0	0	4	0	0
26	0	0	3	0	0
27	0	0	3	0	0
28	0	0	6	0	0
29	0	12	9	0	0
30	0	10	8	0	0
31	0	...	3	0	...
Mean	0	1	15	1	0
Max.	0	12	33	9	0
Min.	0	0	3	0	0
A.F.	0	40	940	60	0

Water diverted 1040 A.F. Acreage reported D-680 1173
Sutherland storage available

SPOHN CANAL from North Platte River—Measured through Parshall flume—Sec. 24-17-45 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	1	0	0	0
2	0	0	1	3	0	0
3	0	0	0	2	0	0
4	0	0	1	1	0	0
5	0	0	0	0	0	0
6	1	0	0	0	0	0
7	1	0	1	0	0	0
8	1	0	0	0	0	0
9	2	0	0	0	0	0
10	2	0	0	0	0	0
11	2	0	0	0	0	0
12	2	0	0	0	0	0
13	2	0	0	0	0	0
14	3	0	0	0	0	0
15	2	0	0	0	0	0
16	2	0	0	0	0	0
17	2	0	0	0	1	0
18	2	0	0	0	0	0
19	3	0	0	0	0	0
20	3	0	0	0	0	0
21	2	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	1	0	0	0	0
28	0	3	0	0	0	0
29	0	3	0	0	0	0
30	0	2	0	0	0	0
31	0	2	..	0	0	..
Mean	1	1	0	0	0	0
Max.	3	3	1	3	1	0
Min.	0	0	0	0	0	0
A.F.	60	20	10	10	2	0

Water diverted 102 A.F.

Acreage reported
D-801 868
D-803 168
Total 1036

SURBURBAN CANAL from North Platte River—Measured through rating flume Sec. 8-14-32 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	105	0	4	99	104	120	110
2	103	0	4	97	101	126	108
3	99	0	3	91	105	118	102
4	97	0	2	89	106	112	105
5	98	0	6	88	102	106	114
6	99	0	49	72	106	105	114
7	97	0	28	19	106	110	70
8	94	0	28	16	106	123	59
9	85	0	30	61	106	125	98
10	79	0	33	92	104	123	96
11	78	0	34	89	96	113	90
12	80	0	32	97	93	118	87
13	83	0	43	108	96	114	88
14	85	0	77	112	101	113	88
15	85	0	78	106	93	80	106
16	38	0	85	106	101	39	109
17	8	0	73	111	102	66	101
18	8	0	51	94	105	98	91
19	8	0	99	79	111	107	93
20	8	0	94	70	96	109	91
21	8	0	91	64	110	106	92
22	10	0	86	64	113	108	89
23	0	0	83	72	119	108	89
24	0	0	88	78	119	106	94
25	0	0	87	80	119	106	107
26	0	0	86	92	119	106	78
27	0	0	86	92	122	106	60
28	0	1	83	99	125	51	83
29	0	3	82	98	124	15	79
30	0	7	88	104	125	79	77
31	0	..	96	..	121	123	..
Mean	47	1	58	85	108	101	92
Max.	105	7	99	112	125	126	114
Min.	0	0	2	16	93	15	59
A.F.	2890	20	3590	5040	6660	6230	5490

Water diverted 29920 A.F.

Acreage reported
D-662 7170

Sutherland storage available

SUPERIOR CANAL from Republican River Measured over weir—Sec. 8-1-9 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	17	0	8	8	23	79	23
2	6	0	8	0	27	79	24
3	0	0	8	0	30	78	25
4	0	0	11	0	31	70	24
5	0	0	26	0	39	70	28
6	0	0	26	0	49	71	31
7	0	0	26	0	61	54	35
8	0	0	25	0	68	41	39
9	0	0	26	0	78	35	39
10	0	0	22	0	82	31	30
11	0	0	23	0	83	31	23
12	0	0	26	0	83	33	23
13	0	0	26	0	85	33	23
14	0	0	24	0	88	28	22
15	0	0	21	0	91	30	22
16	0	0	29	0	91	28	22
17	0	0	31	0	92	21	22
18	0	0	31	0	91	16	22
19	0	0	28	0	89	15	22
20	0	0	28	0	88	15	22
21	0	0	24	5	89	15	21
22	0	0	18	12	91	14	22
23	0	0	22	11	90	15	22
24	0	0	21	10	91	15	22
25	0	0	21	12	89	14	22
26	0	15	15	13	84	13	22
27	0	21	15	17	84	16	21
28	0	18	13	23	83	17	25
29	0	16	13	22	74	15	25
30	0	10	13	22	74	16	18
31	0	..	13	..	76	22	..
Mean	1	3	21	5	74	33	25
Max.	17	21	31	23	92	79	39
Min.	0	0	8	0	23	13	18
A.F.	50	160	1270	310	4550	2040	1470

Water diverted 9850 A.F.

Acreage reported
A-2691c 6325

Supplemental storage included

SUTHERLAND CANAL from North Platte River for Storage and Power
Measured through concrete lined section of canal—Sec. 7-14-37 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1780	1050	546	621	580	570	574	1090	402	2040	1920	1790
2	1770	1040	536	624	578	567	552	1100	412	2020	1810	1780
3	1750	1020	550	626	576	579	570	1070	387	2030	1690	1780
4	1740	951	532	634	576	568	570	1080	399	2030	1540	1780
5	1720	861	548	629	579	570	568	1080	404	2020	1520	1800
6	1710	883	536	634	582	570	564	1080	410	2010	1790	1790
7	1700	865	534	627	580	567	560	1070	377	1990	1900	1790
8	1700	863	544	586	582	570	560	1060	410	1980	1880	1790
9	1710	858	543	573	580	568	579	1060	430	1980	1860	1770
10	1700	858	539	576	580	573	570	1060	417	2020	1870	1800
11	1720	850	537	574	585	512	568	1050	410	2040	1870	1820
12	1720	852	537	574	586	555	573	1050	424	2040	1870	1800
13	1730	849	518	578	584	576	578	1020	611	2050	1860	1760
14	1740	843	512	576	582	576	578	991	777	2040	1860	1750
15	1750	841	527	574	574	580	654	1030	1030	2050	1890	1770
16	1760	836	525	574	572	586	823	1150	1270	2040	1890	1840
17	1740	804	525	578	570	591	847	1090	1660	2030	1880	1870
18	1740	728	526	582	567	594	843	1070	1910	2020	1840	1820
19	1740	754	527	574	572	558	814	1150	1970	2010	1840	1820
20	1730	716	527	576	554	570	816	1160	1970	2000	1840	1810
21	1660	680	525	578	573	578	899	1120	1970	2010	1840	1820
22	1580	591	532	580	554	578	1010	966	2000	2000	1840	1720
23	1660	566	519	574	533	578	1110	899	2020	1990	1820	1490
24	1700	546	516	576	562	592	1090	894	2020	1990	1730	1220
25	1650	544	518	580	554	570	1100	890	2020	1990	1600	1040
26	1680	550	518	578	558	572	1090	820	2050	1990	1490	895
27	1700	536	519	574	578	573	1080	778	2040	1980	1460	703
28	1660	550	516	576	567	562	1090	600	2020	1980	1580	490
29	1570	540	515	576	.....	576	1090	445	2040	1980	1760	263
30	1380	539	546	580	.....	574	1090	361	2060	1970	1810	83
31	1170	.....	613	580	.....	580	.....	396	.....	1950	1800	.....
Mean	1679	765	532	588	572	572	780	954	1211	2009	1780	1522
Max.	1780	1050	613	634	586	594	1110	1160	2060	2050	1920	1870
Min.	1170	536	512	573	533	512	552	361	377	1950	1460	83
A.F.	103260	45550	32740	36180	31770	35170	46430	58670	72040	123510	109390	90550

Water diverted 785260 A.F.

SUTHERLAND CANAL from South Platte River for Power
Measured through 25-foot Parshall flume—Sec. 8-13-36 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	61	364	320	448	265	254	79	62	12	0	0
2	3	67	364	332	453	187	258	79	79	12	0	0
3	3	66	359	346	526	130	263	66	74	10	0	0
4	4	70	305	349	547	197	267	98	76	9	0	0
5	3	70	376	365	512	244	267	92	79	0	0	0
6	3	72	336	387	434	292	244	92	74	0	0	0
7	6	69	356	397	379	352	242	89	70	0	0	0
8	5	61	342	392	362	397	234	70	67	0	0	0
9	4	73	251	376	349	352	236	66	56	0	1	0
10	4	120	303	327	332	327	228	66	50	0	4	0
11	4	130	327	315	327	298	218	63	44	0	4	0
12	13	144	274	258	317	298	205	54	39	0	4	0
13	21	153	372	254	320	185	197	54	38	0	2	0
14	18	153	287	247	320	232	191	54	60	0	2	0
15	12	155	334	301	320	298	173	66	52	0	4	0
16	9	157	329	296	315	256	164	244	30	0	5	0
17	7	157	339	207	312	280	148	276	30	0	5	0
18	7	164	339	158	296	315	136	226	30	0	12	0
19	13	166	376	148	280	305	108	162	27	0	16	0
20	16	107	407	158	274	324	102	139	26	0	14	0
21	21	124	429	238	247	327	100	124	26	0	9	0
22	21	137	247	238	238	317	83	112	26	0	10	0
23	34	185	197	199	232	317	76	104	26	0	9	0
24	49	232	214	195	226	334	66	100	16	0	9	0
25	50	269	236	209	230	329	67	96	12	0	6	0
26	46	315	308	256	260	315	70	88	12	0	6	0
27	51	362	332	269	269	303	63	82	12	0	6	0
28	61	362	352	269	260	296	57	77	12	0	4	0
29	66	362	289	294	.....	289	57	66	12	0	4	0
30	65	359	324	342	.....	280	62	66	12	0	5	0
31	61	.....	324	394		260		58		0	4	
Mean	22	164	322	285	338	287	161	100	41	1	5	0
Max.	66	362	429	397	547	397	267	276	79	12	16	0
Min.	2	61	197	148	230	130	57	54	12	0	0	0
A.F.	1350	9760	19820	17530	18800	17650	9590	6160	2440	90	290	0

Water diverted 103480 A.F.

SUTHERLAND POWER RETURN To the River at North Platte
Measured through power wheels—Sec. 21-13-30 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1404	537	700	707	850	748	645	817	644	1393	1289	949
2	1468	611	701	850	778	699	640	642	688	1272	1449	1110
3	1284	701	639	743	680	894	636	740	710	1282	1360	1203
4	1417	630	772	789	808	789	589	731	803	1468	1469	1342
5	1366	656	739	843	748	694	645	713	877	1494	1577	1131
6	1268	749	604	758	832	690	715	676	663	1523	1481	1171
7	1227	791	722	777	653	582	777	672	885	1477	1457	1247
8	1248	493	715	769	820	729	763	595	918	1566	1229	1306
9	1234	704	785	777	724	701	760	493	904	1448	1270	1244
10	1198	645	767	645	658	675	752	676	888	1481	1194	1289
11	1135	602	757	877	730	711	590	628	906	1470	1090	1300
12	1168	535	721	875	785	703	652	643	1041	1492	1037	1202
13	1072	572	635	893	709	694	625	756	725	1554	1028	1230
14	1089	552	779	893	626	597	654	723	1007	1649	1045	1242
15	1045	514	783	820	777	735	687	680	998	1535	1195	1174
16	1074	605	772	805	784	732	793	495	1128	1588	1335	1226
17	1044	693	806	813	687	587	769	674	1147	1646	1159	1200
18	973	596	827	973	747	605	620	616	1228	1479	1070	1114
19	1027	653	707	841	796	628	893	607	1213	1584	932	885
20	1037	699	669	1037	690	602	940	589	1180	1618	880	1073
21	999	789	901	1082	586	622	952	638	1212	1524	718	1010
22	1004	745	907	919	792	741	994	558	1188	1488	730	1061
23	882	616	830	981	773	741	1040	435	1261	1321	883	1022
24	844	577	729	867	716	759	977	588	1251	1339	770	996
25	681	502	651	1265	742	727	929	660	1281	1189	701	1010
26	783	378	646	1017	732	763	1066	579	1512	1409	706	962
27	765	574	633	932	662	657	1057	631	1432	1240	776	818
28	802	534	910	872	565	675	935	646	1630	1464	820	734
29	649	505	851	955	.....	849	951	637	1677	1508	886	553
30	642	645	871	1044	.....	783	886	551	1591	1525	968	517
31	623	.....	845	837	.....	654	.....	507	.....	1456	913	.....
Mean	1047	613	754	879	730	702	798	632	1086	1467	1080	1077
Max.	1468	791	910	1265	850	894	1066	817	1677	1649	1577	1342
Min.	623	378	604	645	565	582	589	435	644	1189	701	517
A.F.	64370	36500	46360	54060	40560	43170	47470	38870	64640	90210	66280	64110

Water returned 656600 A.F.

THIRTY MILE CANAL from Platte River
Measured through rating flume
Sec. 31-12-26 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	129	45	0	74	82	285	79
2	129	46	0	86	110	297	79
3	132	28	0	75	141	297	82
4	126	0	0	77	172	295	83
5	127	0	87	72	181	295	89
6	126	0	85	68	210	300	85
7	115	0	81	66	226	297	77
8	99	0	37	65	252	284	74
9	103	0	1	69	251	226	53
10	97	0	1	76	253	205	54
11	81	0	1	86	279	162	54
12	76	0	1	83	307	150	66
13	75	0	1	82	318	137	62
14	78	0	1	79	311	125	62
15	82	0	1	81	328	127	62
16	74	0	37	78	336	126	69
17	70	0	61	79	335	58	58
18	68	0	66	67	334	18	62
19	67	0	57	50	340	12	68
20	66	0	50	56	346	8	78
21	61	0	52	59	351	6	101
22	53	0	45	62	344	6	90
23	51	0	40	62	351	6	80
24	50	0	36	71	350	6	67
25	52	0	34	78	347	7	78
26	49	0	33	82	303	6	69
27	43	0	38	76	322	6	65
28	47	0	52	78	287	6	67
29	50	0	51	82	248	6	69
30	52	0	51	78	246	63	67
31	46	.....	52	.....	262	70	.....
Mean	80	4	34	73	275	126	71
Max.	132	46	87	86	351	300	101
Min.	43	0	0	50	82	6	53
A.F.	4910	240	2090	4360	16900	7720	4220

Water diverted
40440 A.F.

Acreage reported

A-1853	19123
A-1976	3555
A-2077	320
Total	22998

Sutherland storage available

TRI-COUNTY CANAL from Platte River for Power and Irrigation
Measured through 30-foot Parshall flume—Sec. 28-13-29 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1680	1200	1300	1250	1390	1240	1130	1340	1180	2010	2020	1290
2	1700	1100	1240	1310	1450	970	1220	1340	1260	2090	2100	1390
3	1610	1060	1180	1300	1330	1040	1120	1430	1320	2080	2080	1460
4	1680	1200	1160	1330	1380	1080	1070	1320	1410	2080	2080	1530
5	1720	1190	1340	1400	1490	1240	1120	1330	1480	2120	2100	1550
6	1610	1280	1170	1330	1410	1320	1040	1220	1320	2130	2090	1540
7	1570	1350	1390	1310	1270	1160	1170	1200	1410	2130	2100	1640
8	1570	1290	1430	1450	1430	1180	1120	1030	1570	2080	2030	1740
9	1590	1330	1430	1300	1330	1240	1210	1010	1450	2110	2100	1670
10	1530	1280	1350	1210	1230	1260	1140	1150	1300	2110	2130	1660
11	1520	1290	1450	1260	1250	1210	1150	1130	1260	2120	2130	1680
12	1440	1260	1400	1290	1280	1270	1170	1100	1370	2120	2100	1570
13	1380	1220	1380	1290	1300	1020	1180	1140	1160	2110	2080	1600
14	1440	1210	1400	1220	1210	1080	1150	1180	1320	2120	2060	1540
15	1430	1120	1230	1280	1340	1420	1080	1110	1390	2110	2000	1560
16	1250	1180	1370	900	1360	1460	1200	1120	1460	2100	2000	1520
17	1420	1310	1230	910	1250	1340	1150	1360	1670	2110	1810	1690
18	1390	1280	1610	1130	1180	1160	1170	1730	1740	2030	1740	1660
19	1390	1230	1310	1140	1330	1210	1250	1530	1800	2140	1510	1300
20	1480	1150	1330	970	1180	1260	1420	1310	1780	2120	1450	1430
21	1590	1280	1410	1180	1210	1220	1420	1330	1630	2090	1160	1410
22	1640	1350	1020	1300	1280	1290	1480	1150	1560	2090	1080	1460
23	1500	1370	970	1250	1280	1260	1560	1030	1520	2090	1280	1360
24	1400	1480	1060	1250	1240	1280	1570	1100	1450	2080	1160	1410
25	1350	1300	1120	1340	1100	1210	1530	1150	1480	2020	1010	1410
26	1100	1220	1190	1130	1170	1300	1640	1090	1650	2070	920	1530
27	1340	1100	1160	1120	1110	1190	1560	1070	1650	2080	1000	1620
28	1360	1160	1290	1180	1120	1200	1470	1100	1890	2100	1030	1670
29	1110	1200	1380	1250	.....	1300	1420	1050	1950	2100	1130	1610
30	1200	1200	1350	1390	.....	1270	1410	1040	2110	2090	1380	1520
31	1120	.....	1270	1360	.....	1280	.....	1060	.....	2100	1390	.....
Mean	1460	1240	1290	1240	1280	1220	1280	1200	1520	2090	1690	1530
Max.	1720	1480	1610	1450	1490	1460	1640	1730	2110	2140	2130	1740
Min.	1100	1060	970	900	1100	970	1040	1010	1160	2010	920	1290
A.F.	89470	73770	79180	76030	71210	75290	76010	73880	90330	128790	103640	91280

Water diverted
102880 A.F.

Acreage reported

A-2355, A-3476	164117
A-3476 Storage only	37918
A-3620 Storage only	3119
A-3823 Storage only	3263
A-4656 Storage only	12399
A-5278 Storage only	12765
Total	233581

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	348	9	0	0	0	0	0	0	122	214	0	199
2	346	12	0	0	0	0	0	0	128	0	0	194
3	348	12	0	0	0	0	0	0	111	70	0	127
4	348	0	0	0	0	0	0	0	111	223	43	201
5	348	25	0	0	0	0	0	32	111	294	94	205
6	335	10	0	0	0	0	0	49	109	277	107	248
7	294	0	0	0	0	0	0	45	107	376	181	248
8	196	0	0	0	0	0	0	13	104	319	109	211
9	155	0	0	0	0	0	0	0	128	238	50	80
10	118	0	0	0	0	0	0	0	167	494	28	14
11	100	0	0	0	0	0	0	0	187	430	33	58
12	76	0	0	0	0	0	0	0	187	368	132	100
13	75	13	0	0	0	0	0	0	227	346	146	97
14	94	14	0	0	0	0	0	0	258	228	174	98
15	101	5	0	0	0	0	0	0	258	264	278	97
16	98	0	0	0	0	0	0	15	256	288	255	96
17	100	0	0	0	0	0	0	34	258	274	168	55
18	97	0	0	0	0	0	0	41	210	150	60	73
19	101	0	0	0	0	0	0	45	163	134	0	96
20	101	0	0	0	0	0	0	50	187	4	0	121
21	58	0	0	0	0	0	0	49	216	0	0	172
22	42	0	0	0	0	0	0	50	218	0	0	201
23	43	0	0	0	0	0	0	49	240	0	10	199
24	43	0	0	0	0	0	0	51	292	0	21	142
25	40	0	0	0	0	0	0	53	300	0	30	265
26	34	0	0	0	0	0	0	51	381	0	40	296
27	5	0	0	0	0	0	0	46	438	0	34	268
28	9	0	0	0	0	0	0	49	465	0	76	191
29	14	0	0	0	..	0	0	50	482	0	88	153
30	7	0	0	0	..	0	0	49	431	0	123	153
31	8	..	0	0	..	0		48	..	0	174	..
Mean	132	3	0	0	0	0	0	28	228	161	79	155
Max.	348	25	0	0	0	0	0	53	482	494	278	296
Min.	5	0	0	0	0	0	0	0	104	0	0	14
A.F.	8100	200	0	0	0	0	0	1720	13590	9900	4870	9240

Water returned 47620 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	231	791	1118	759	853	1107	1046	462	522	82	241	178
2	87	993	1015	960	1025	905	1077	476	470	114	177	160
3	84	1104	875	820	1052	1134	1014	584	420	105	128	223
4	32	987	921	995	991	949	849	610	318	112	263	214
5	198	955	1028	1115	979	1030	1028	703	298	158	266	111
6	192	902	768	1225	988	923	982	725	352	147	274	104
7	197	978	905	1071	712	830	1182	839	276	143	246	89
8	211	774	784	980	1015	984	1076	748	247	163	245	79
9	178	1035	811	980	950	986	0	553	260	209	187	85
10	288	1035	821	685	1020	975	417	755	308	289	77	79
11	161	945	990	983	942	1076	568	624	221	253	165	67
12	408	1019	871	831	1112	1033	908	639	394	424	34	66
13	411	1022	962	920	1151	965	742	521	213	282	85	61
14	399	944	1001	732	995	817	833	503	164	332	550	51
15	454	767	1002	877	1172	890	661	458	166	364	405	43
16	577	997	1019	976	1128	1032	579	441	184	259	527	36
17	682	1008	961	822	1167	887	575	580	199	262	694	38
18	660	961	952	996	1042	993	550	659	201	256	617	56
19	653	935	951	891	1151	906	543	779	186	321	667	83
20	664	793	896	885	1136	770	615	823	107	284	671	112
21	674	854	1095	933	968	748	665	766	121	255	826	38
22	671	754	800	925	1096	929	585	775	138	197	541	117
23	780	918	1173	748	1073	1100	403	571	102	190	420	155
24	761	965	1028	783	990	1160	384	805	89	172	460	174
25	717	938	865	1191	1174	1031	305	471	56	166	384	155
26	917	720	920	900	1165	1003	431	547	47	236	437	164
27	853	1020	766	744	919	1046	570	483	45	250	515	138
28	803	1030	899	712	889	1145	574	541	111	210	402	124
29	899	781	875	655	.....	1236	598	517	114	205	346	44
30	847	1047	693	850	.....	1165	554	506	106	203	307	84
31	856	.....	931	608		1123		503	.....	195	222	.....
Mean	501	932	926	888	1030	996	677	612	214	220	367	104
Max.	917	1104	1118	1225	1174	1236	1182	839	522	424	826	223
Min.	32	720	693	608	712	748	0	441	45	82	34	38
A.F.	30830	55480	56920	54650	57230	61250	40290	37620	12760	13560	22570	6200

Water returned 449360 A.F.

TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS from North Platte River—Measured through section of canal—Sec. 10-23-58 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	170	0	95	864	415
2	0	166	0	104	936	448
3	0	143	63	231	941	432
4	0	56	73	283	1017	426
5	0	54	71	168	922	444
6	0	178	66	184	977	477
7	0	186	79	358	922	426
8	0	182	89	546	871	480
9	0	176	81	784	843	465
10	0	163	92	863	770	424
11	0	138	291	908	775	438
12	178	124	507	1022	798	495
13	184	106	608	1037	829	542
14	194	72	698	978	891	576
15	180	71	632	522	884	574
16	178	54	724	962	883	578
17	170	103	678	956	883	596
18	174	82	648	890	874	589
19	170	90	542	909	832	584
20	170	100	261	940	744	586
21	182	97	121	922	609	574
22	178	98	143	865	550	574
23	174	267	157	859	527	548
24	172	272	133	827	468	532
25	156	196	141	723	459	518
26	161	6	157	591	423	441
27	161	0	221	579	388	414
28	161	0	162	673	383	423
29	159	0	117	770	378	426
30	167	0	109	928	426	451
31	.....	0		817	448	.....
Mean	109	108	255	687	726	497
Max.	194	272	724	1037	1017	596
Min.	0	0	0	95	378	414
A.F.	6480	6640	15200	42240	44660	29550

Water diverted 144770 A.F.
Pathfinder storage included

TRI-STATE DIVERSIONS
For Farmers Irrigation District and Preferred Rights
Summary in Acre-feet—1954

	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River	6480	6640	15200	42240	44660	29550	144770
*Drains	0	3640	1440	80	250	1510	6920
Optional Diversions (Estimated)	0	80	400	830	1070	800	3180
Total diversion	6480	10360	17040	43150	45980	31860	154870

Acreage reported	
D-918	58437
A-660	2913
O.D.	1690
Total	63040

*Diverted by Tri-State Canal during periods when Northport Canal was closed due to storage being allocated by U. S. Bureau of Reclamation.

UNION CANAL from Blue Creek
Measured through rating flume
Sec. 18-16-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	6	0	7	13	16	13
2	12	0	11	15	17	15
3	12	0	11	16	17	11
4	12	0	11	18	17	7
5	16	0	15	19	19	7
6	19	0	16	23	21	7
7	19	0	15	22	22	8
8	11	0	7	22	18	8
9	0	0	8	16	13	8
10	0	0	11	16	13	8
11	0	0	14	12	13	9
12	0	0	13	14	13	9
13	0	0	14	17	13	9
14	0	0	13	18	13	10
15	0	0	16	18	15	10
16	0	0	14	14	17	10
17	0	0	11	13	13	10
18	0	0	10	15	18	10
19	0	0	8	20	18	10
20	0	0	6	13	15	9
21	0	0	4	11	11	16
22	0	0	5	12	10	22
23	0	0	8	12	8	21
24	0	0	10	9	7	21
25	0	0	12	8	6	21
26	0	0	16	5	8	20
27	0	0	15	6	15	18
28	0	0	12	12	15	13
29	0	5	12	12	14	12
30	0	8	12	15	8	12
31	0	7	---	15	8	---
Mean	3	1	11	15	14	12
Max.	19	8	16	23	22	22
Min.	0	0	4	5	6	7
A.F.	210	40	670	890	850	720

Water diverted 3380 A.F.
Acreage reported D-763 1305

WESTERN CANAL from South Platte River
Measured through section of canal—Sec. 14-12-43 W.

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	40	121	0	52	43	22	24	18
2	43	118	0	82	40	22	22	17
3	43	118	0	131	36	22	21	17
4	46	121	0	167	34	22	18	16
5	56	32	0	171	34	22	19	17
6	56	0	0	131	34	22	21	19
7	65	0	0	92	34	22	21	21
8	74	0	0	69	38	22	21	26
9	79	0	0	54	36	21	24	27
10	82	0	0	50	33	18	19	27
11	74	0	0	50	30	15	19	23
12	84	0	0	50	31	15	17	21
13	94	0	0	48	41	14	18	19
14	109	0	79	48	40	16	17	19
15	124	0	94	48	40	19	18	48
16	121	0	100	89	41	18	19	54
17	112	0	106	106	40	17	28	34
18	100	0	100	92	36	17	27	28
19	100	0	92	79	36	18	21	24
20	112	0	86	72	34	17	19	24
21	124	0	65	67	36	17	19	26
22	124	0	65	65	36	18	18	23
23	103	0	65	63	28	22	18	22
24	103	0	56	61	26	19	19	22
25	114	0	48	54	24	16	18	22
26	119	0	50	48	22	16	19	22
27	128	0	48	48	22	16	19	24
28	118	0	50	43	24	17	19	24
29	118	0	46	43	23	21	21	26
30	121	0	48	41	22	19	21	27
31	124			40		19	19	
Mean	94	17	40	73	33	19	20	25
Max	128	121	106	171	43	22	28	54
Min.	40	0	0	40	22	14	17	16
A F.	5770	1010	2380	4470	1970	1150	1240	1460

Water diverted 19450 A.F.
Acreage reported A-393 10794

WINTERS CREEK CANAL from
North Platte River
Measured through Parshall flume
Sec. 17-22-55 W.

Day	May	June	July	Aug.	Sept.
1	0	10	0	18	22
2	0	9	0	18	21
3	0	5	0	18	16
4	0	7	0	16	6
5	0	13	0	21	7
6	0	11	9	26	8
7	0	4	16	21	7
8	0	4	16	22	7
9	0	4	17	19	7
10	12	4	18	17	8
11	16	7	17	16	8
12	18	13	17	25	8
13	18	15	20	19	11
14	22	16	9	16	14
15	21	15	17	21	18
16	18	15	15	23	18
17	16	14	17	19	18
18	14	12	15	18	17
19	10	14	16	15	18
20	11	14	19	13	15
21	11	12	21	18	16
22	10	12	20	16	16
23	14	13	18	18	16
24	16	13	18	19	15
25	10	16	16	19	12
26	9	2	19	26	10
27	11	0	19	26	10
28	11	0	17	22	13
29	10	0	22	20	17
30	10	0	18	19	15
31	10		17	19	
Mean	9	9	15	19	13
Max.	22	16	22	26	22
Min.	0	0	0	13	6
A.F.	590	540	880	1200	780

Water diverted 3990 A.F.

WINTERS CREEK CANAL from
Winters Creek
Measured through Parshall flume
Sec. 19-22-54 W.

Day	May	June	July	Aug.	Sept.
1	0	17	0	44	48
2	0	17	0	45	51
3	0	16	0	46	50
4	0	18	0	49	51
5	0	21	15	48	50
6	0	21	29	49	47
7	0	20	29	50	45
8	0	24	26	50	43
9	0	24	26	50	38
10	34	26	28	49	37
11	38	25	29	49	38
12	40	30	26	49	38
13	37	30	25	50	38
14	30	22	22	50	38
15	30	17	42	50	39
16	23	23	44	50	40
17	18	23	51	50	40
18	37	23	52	50	40
19	35	23	46	54	40
20	29	23	49	46	40
21	23	22	48	26	39
22	15	19	48	34	42
23	0	19	49	52	44
24	15	17	49	52	44
25	24	29	49	49	46
26	24	0	49	46	48
27	24	0	48	47	43
28	20	0	49	47	38
29	15	0	48	47	36
30	13	0	49	47	36
31	16		46	46	
Mean	17	18	35	47	42
Max.	40	30	52	54	51
Min.	0	0	0	26	36
A.F.	1070	1090	2120	2920	2510

Water diverted 9710 A.F.

WINTERS CREEK FACTORY LATERAL from Winters Creek—Measured through Parshall flume—Sec. 19-22-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	16	0	0	0	12	10
2	16	0	0	0	17	9
3	16	0	5	0	14	12
4	18	0	5	0	11	11
5	19	0	12	5	14	5
6	18	0	14	16	16	11
7	18	8	14	16	17	11
8	17	8	15	12	17	11
9	18	8	14	12	6	5
10	14	14	13	15	7	4
11	12	14	13	15	14	3
12	12	12	9	12	10	4
13	12	12	8	13	8	3
14	15	4	6	17	7	8
15	12	11	1	0	6	14
16	0	10	1	4	9	15
17	0	0	0	8	11	12
18	0	0	0	16	10	9
19	0	0	0	17	10	9
20	0	0	0	14	8	9
21	0	0	0	9	5	9
22	0	0	0	21	3	10
23	0	0	0	5	7	12
24	0	0	0	5	9	14
25	0	0	4	5	8	3
26	0	0	0	5	11	1
27	0	0	0	9	10	10
28	0	0	0	12	8	14
29	0	0	0	8	4	16
30	0	0	0	8	6	16
31	0	0		13	12	
Mean	8	3	4	9	10	9
Max.	19	14	15	21	17	16
Min.	0	0	0	0	3	1
A.F.	460	200	270	580	610	560

Water diverted 2680 A.F.

WINTERS CREEK DIVERSIONS
Summary in Acre-feet—1954

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River	0	590	540	880	1200	780	3990
Winters Creek	460	1270	1360	2700	3530	3070	12390
Total diversion	460	1860	1900	3580	4730	3850	16380

Water diverted 16380 A.F.

Acreage reported D-952 5748

SUMMARY

ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS BASED ON ACREAGE REPORTS

CANAL	Water Year Ending September 30, 1953			Water Year Ending September 30, 1954		
	Acreage Reported	Water Diverted	Acre-Ft. Per Acre	Acreage Reported	Water Diverted	Acre-Ft. Per Acre
Alliance	6278	15030	2.39	6278	15490	2.47
Beerline	2080	1670	0.80	1727	2450	1.42
Belmont-Empire	14344	30080	2.10	16058	36940	2.30
Birdwood	5287	11050	2.09	5287	10830	2.05
Blue Creek	2918	8630	2.96	2918	8370	2.87
Browns Creek	6143	11140	1.81	6091	14980	2.46
Cambridge	9960	16730	1.68	12915	22050	1.71
Castle Rock-Steamboat	6487	21190	3.27	6418	19650	3.06
Central	2077	4250	2.05	2077	4520	2.18
Chimney Rock	5641	12310	2.18	5641	12460	2.21
Cody-Dillon	4660	6780	1.45	5053	9210	1.82
Courthouse Rock	1462	4300	2.94	1462	4350	2.98
Courtland	167	1470	8.80	2389	13510	5.66
Cozad	25220	30960	1.23	25220	20700	0.82
Culbertson	9194	32220	3.50	9353	33100	3.54
Dawson County	96435	65920	0.68	94527	52220	0.55
Elm Creek	15921	12010	0.75	15921	11180	0.70
Enterprise	7279	22800	3.13	7572	26620	3.52
*Fort Laramie	105228	309240	2.94	105056	221230	2.11
Franklin	0	0	0.00	4429	8130	1.83
Franklin Pump	953	2290	2.40	2085	2870	1.38
French	1666	1310	0.79	0	0	0.00
Gering	14310	26690	1.87	14310	16570	1.16
*Gothenburg	22405	56410	2.52	22405	44650	1.99
Graf	2089	3552	1.70	2089	3880	1.86
Haigler	3158	12800	4.05	3088	**	
Hooper	877	4270	4.87	877	4470	5.10
Interstate	127446	465900	3.66	127955	283680	2.22
Kearney	4210	7100	1.69	4210	5220	1.24
Keith-Lincoln	6188	26460	4.28	6050	26840	4.44
Kimball	4500	3670	0.82	4500	3930	0.87
Last Chance	442	2150	4.86	442	2070	4.68
Lisco	3813	7890	2.07	3911	7760	1.98
Lyons	903	2090	2.31	903	1980	2.19
Meeker	2930	9370	3.20	2930	12230	4.17
Meredith-Ammer	726	1540	2.12	579	1610	2.78

*For irrigation exclusive of power.
**No daily gage height record.

ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS
Concluded

BASED ON ACREAGE REPORTS

CANAL	Water Year Ending September 30, 1953			Water Year Ending September 30, 1954		
	Acreage Reported	Water Diverted	Acre-Ft. Per Acre	Acreage Reported	Water Diverted	Acre-Ft. Per Acre
Middle Loup PPID No. 1	3156	8200	2.60	3061	7300	2.38
Middle Loup PPID No. 2	2882	10330	3.58	2918	9020	3.09
Middle Loup PPID No. 3	6853	17220	2.51	6760	16140	2.39
Middle Loup PPID No. 4	7214	18240	2.53	7253	16910	2.33
Midland-Overland	2148	1370	0.64	2161	1750	0.81
Minatare	7848	18470	2.35	9382	19480	2.08
Mirage Flats	11640	18100	1.55	11640	15900	1.37
Mitchell	13633	36110	2.65	13633	19310	1.42
Nine Mile	5689	18440	3.24	5689	18600	3.27
North Loup PPID, Ord-North Loup	6679	11540	1.73	6962	13800	1.98
North Loup PPID, Taylor-Ord	14655	31720	2.16	15336	32740	2.13
North Loup PPID, Burwell-Sumter	7276	13970	1.92	7385	15710	2.13
North Platte	14067	61670	4.38	14067	61450	4.37
Northport	16109	63180	3.92	16109	45700	2.84
Orchard-Alfalfa	5950	10300	1.73	5950	7530	1.27
Oshkosh	2028	2440	1.20	2028	2210	1.09
Paisley	1141	3110	2.73	1141	3180	2.79
Paxton-Hershey	7358	23050	3.13	7358	22540	3.06
Ramshorn	1652	2850	1.73	1652	1234	0.75
Riverside	0	0	0.00	527	2390	4.54
Sheridan-Wilson	676	2860	4.23	676	2530	3.74
Short Line	2730	5660	2.07	2762	6380	2.31
Six Mile	1173	730	0.62	1173	1040	0.89
Spohn	1036	570	0.55	1036	102	0.10
Suburban	7168	27300	3.81	7170	29920	4.17
Superior	2839	10320	3.64	6325	9850	1.56
Thirty Mile	23129	48070	2.08	22998	40440	1.76
*Tri-County	233581	369490	1.58	233581	376020	1.61
Tri-State	63040	203380	3.23	63040	154870	2.46
Union	1233	2690	2.18	1305	3380	2.59
Western	11558	28250	2.44	10794	19450	1.80
Winters Creek	5748	18470	2.35	5748	16380	2.85

*For irrigation exclusive of power.

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Enterprise Canal Pump—Niobrara River	396	448	.....	.....
Erickson Drain—Sec. 14-12-28	312	353	.....	.....
Eureka Creek—Naponee	312	353	.....	.....
Excelsior Canal—Niobrara River	397	448	.....	.....
F				
Fairfield Seep—Sec. 18-21-53 Pages 518, 519	313	353	.....	.....
Fanning Seep—Sec. 28-23-56—Mitchell Bridge Pages 518, 519	313	353	.....	.....
Farmers Creek—Inavale	313	354	.....	.....
Feldman Pump—Mud (Beaver) Creek	397	.....	.....	.....
Fendrich Canals—Niobrara River	397	.....	.....	.....
Fisher Pump—Mud (Beaver) Creek	.....	448	.....	.....
Fitzgerald Pump—Red Willow Creek	397	.....	.....	.....
Flag Creek—Orleans	313	354	.....	.....
Flock Drain—Sec. 8-13-29	313	354	.....	.....
Flodine Pump—Sappa Creek	397	.....	.....	.....
Foerster Branch, tributary to Frenchman River	315	.....	.....	.....
Follett-Krotter—Frenchman River	408	448	.....	.....
Forbes Canal No. 1—Spring Creek	397	.....	.....	.....

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Fort Laramie Canal—North Platte River and Pathfinder Reservoir	.....	.....	698	736
Fort Robinson Canal—Soldier Creek	398	449	.....	.....
Forsling-Kinney Canal—Lodgepole Creek	.....	.....	698	736
Foster Pump—Mud (Beaver) Creek	.....	448	.....	.....
Foster Pump—Muddy Creek	397	448	.....	.....
Fox Creek—Curtis	.....	.....	550	628
Fox Pump—White River	397	449	.....	.....
Franklin Canal—Republican River	.....	.....	.....	737
Franklin Pump Canal—Republican River	.....	.....	699	737
Frazier Creek—Maywood	313	.....	.....	.....
Fremont Slough:				
Into Sutherland Power Return	.....	.....	551	629
Sec. 16-13-30, On Highway 83	314	354	.....	.....
Sec. 16-13-30, Below Power Return	314	354	.....	.....
Sec. 17-13-29	314	354	.....	.....
French Canal—North Platte River	.....	.....	699	737
French Pump—Beaver Creek	397	.....	.....	.....
Frenchman River:				
Champion	.....	.....	551	629
Culbertson	.....	.....	554	632
Culbertson Canal, Below—Palisade	316	355	.....	.....
Enders	315	.....	553	631
Hamlet	.....	.....	553	631
Imperial	315	.....	552	630
Palisade	.....	.....	554	632
Various locations	314	.....	.....	.....
Frey Pump—Elm Creek	397	.....	.....	.....
Fries Pump—Republican River	398	449	.....	.....
Frye Pump—Mud (Beaver) Creek	398	.....	.....	.....
Fuller Pump—Lodgepole Creek	398	449	.....	.....
Furman Canal—Niobrara River	398	449	.....	.....

G

Gallatin Pumps—Beaver Creek	398	.....	.....	.....
Gallup Canal—Chadron Creek	398	449	.....	.....
Gardner Canal—Little Cottonwood Creek	398	449	.....	.....
Geike Canal—Geike Creek	399	.....	.....	.....
Geiser Canal—Whitehead Creek	398	.....	.....	.....
George Canal—Lodgepole Creek	398	449	.....	.....
Gering Canal—North Platte River and Pathfinder Reservoir	.....	.....	699	737

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Gering Drain—Gering, Pages 518,519	.....	.....	555	633
Giles Pump—Beaver Creek	399	449	.....	.....
Gillette Pump—Sappa Creek	399	450	.....	.....
Ginapp Drain—Sec. 25-12-27	316	355	.....	.....
Glendo Reservoir, Page 20				
Gochnauer Canal—Big Bordeaux Creek	399	450	.....	.....
Goose Creek—Sec. 4-24-24	316	.....	.....	.....
Gormley Drain—Sec. 21-13-29	316	355	.....	.....
Gothenburg Canal—Power and Irrigation	.....	.....	700	738
Gothenburg Power Return to Platte River	.....	.....	700	738
Gothenburg Irrigation Canal—Platte River	.....	.....	701	739
Graf Canal—Blue Creek and Crescent Lake	.....	.....	701	739
Gravel Creek—Sec. 9-14-36	316	355	.....	.....
Greenwood Creek—Sec. 3-18-50	316	355	.....	.....
Grimm Pump—Frenchman River	399	.....	.....	.....
Grote Canal—Grote Reservoir	399	450	.....	.....
Gruntorad Pumps—Big Blue River	.....	450	.....	.....
Gruver Pump—Frenchman River	.....	450	.....	.....
Guernsey Reservoir: Page 8				
Inflow	.....	.....	485	503
Outflow	.....	.....	486	504
Storage	.....	.....	486	504
Gunderson Canal—Lodgepole Creek	399	450	.....	.....
Guthrie Canal—Republican River	399	.....	.....	.....

H

Hageman Canal—White River	399	450	.....	.....
Haigler Canal—Republican River	400	450	701	740
Hall Canal No. 2—White River	400	451	.....	.....
Hall Pump—Mud (Beaver) Creek	400	451	.....	.....
Hall Pump—White River	400	451	.....	.....
Hall Spring Canal—Spring Creek	400	451	.....	.....
Ham Pump—Frenchman River	.....	451	.....	.....
Hamlin Canal—Squaw Creek	400	.....	.....	.....
Handel Pump—Frenchman River	400	.....	.....	.....
Handschugel Lake—White Clay Creek	400	.....	.....	.....
Harding Pump—Medicine Creek	.....	451	.....	.....
Harlan County Reservoir, Storage—Republican River, Page 10	.....	.....	594	670
Harris-Cooper Canal—White River	401	451	.....	.....
Harris-Neece Canal—Niobrara River	401	451	.....	.....
Harris Pump—Elm Creek	401	.....	.....	.....
Harris Pumps—Republican River	401	.....	.....	.....
Harrison Canal—Spring Branch Creek	401	.....	.....	.....

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Harry Canal—Norman Res. and Indian Creek	401	-----	-----	-----
Harry Strunk Lake, Storage—Medicine Creek	-----	-----	572	649
Hartzell Canal—Little Bordeaux Creek	401	452	-----	-----
Harvey Pump—Frenchman River	402	-----	-----	-----
Hasenauer Pump—Medicine Creek	-----	452	-----	-----
Haskill Canal—Spring Branch Creek	402	-----	-----	-----
Hat Creek Canal, West—Hat Creek	402	452	-----	-----
Hat Creek—Sec. 35-33-55	316	355	-----	-----
Hawthorne Creek—Arcadia	317	-----	-----	-----
Hays Creek—Arcadia	317	-----	-----	-----
Hays Creek—Wray, Colorado	317	-----	-----	-----
Hazelton Canal—White Clay Creek	402	452	-----	-----
Heard Canals—Pumpkinseed Creek	402	452	-----	-----
Heibel Pumps—Shell Creek	-----	452	-----	-----
Herde Pump—Shell Creek	-----	452	-----	-----
Hergott Pump—Republican River	402	452	-----	-----
Herpolsheimer Pump—Big Blue River	-----	452	-----	-----
Hershey Drain—Sec. 33-14-32	317	355	-----	-----
High Line Canal—Jim Creek	402	-----	-----	-----
Hill Canal—West Boggy Creek	402	-----	-----	-----
Hill Pump—Red Willow Creek	402	-----	-----	-----
Hitshew Canals—Niobrara River	403	453	-----	-----
Hitshew Pump—Niobrara River	-----	453	-----	-----
Hoffmeister Reservoir Canal—Hoffmeister Reservoir	-----	453	-----	-----
Holcombe Canal, East—Pawnee Creek	403	453	-----	-----
Hollingsworth Canal—South Platte River	403	453	-----	-----
Holz Pump—Republican River	403	-----	-----	-----
Homrighausen Canal—Niobrara River	403	453	-----	-----
Honey Drain—Sec. 6-9-22	317	355	-----	-----
Honey Drain No. 2—Sec. 7-9-22	317	356	-----	-----
Hood Drain—Sec. 21-13-29	317	356	-----	-----
Hooker Creek—Sec. 31-32-51	317	356	-----	-----
Hooper Canal—Blue Creek and Crescent Lake	-----	-----	702	740
Hooper Creek—Palmyra	-----	356	-----	-----
Hooper Creek, tributary to—Sec. 9-9-9 E.	-----	356	-----	-----
Hoover Canal—Lodgepole Creek	404	454	-----	-----
Hoover Pump—Niobrara River	404	454	-----	-----
Hopeful Canal—Lawrence Fork Creek	404	454	-----	-----
Horse Creek—Lyman, Pages 518, 519	-----	-----	555	633
Horse Creek—Sec. 23-1-39	317	356	-----	-----
Horse Creek Canal—Horse Creek	404	454	-----	-----
Howard Canal—Lodgepole Creek	-----	454	-----	-----
Howard-McCafferty Pump—White River	404	454	-----	-----
Howard-Ruttner Canal—Lodgepole Creek	404	454	-----	-----

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Huffstutter Pump—Wood River	404	.....	.....	.....
Hughes Canal—Niobrara River	404	454	.....	.....
Humphreys Pump—Indian Creek	405	455	.....	.....
Hurley-Lilly-Polly Canal—Lodgepole Creek	.....	.....	701	740
Hyde Drain—Sec. 20-10-26	317	356	.....	.....
I				
Ickes Canal—Lodgepole Creek	405	455	.....	.....
Independent Canal—Lodgepole Creek	405	455	.....	.....
Indian Creek: Pages 518, 519				
Max	318	357	.....	.....
Northport	.....	.....	556	634
Red Cloud	318	357	.....	.....
Various locations	318	356	.....	.....
Inman Canal—Frenchman River	405	455	.....	.....
Interstate Canal—North Platte River and Pathfinder Reservoir	.....	.....	702	741
Iodence Pump—Niobrara River	405	.....	.....	.....
J				
James Canal—Soldier Creek	405	455	.....	.....
James Pump—Soldier Creek	405	455	.....	.....
Janssen Canal—Pawnee Creek	405	.....	.....	.....
Jenkins Canal—Buffalo Creek	405	455	.....	.....
Jim Creek—Various locations	318	357	.....	.....
Jim Creek Canal—Jim Creek	405	.....	.....	.....
Johnson Canal—Lodgepole Creek	406	456	.....	.....
Johnson Canal—Niobrara River	406	455	.....	.....
Jones Canal—Lodgepole Creek	406	456	.....	.....
Jones Canal—White River	406	.....	.....	.....
Jordan (Cornelius) Canal—Monroe Creek and Jordan Reservoir	406	456	.....	.....
Jordan (Richard) Canal—Monroe Creek	406	456	.....	.....
K				
Kaufman-Scroggins Drain—Sec. 15-10-24	.....	357	.....	.....
Kaufman-Scroggins-Laier Drain—Sec. 15-10-24	318	.....	.....	.....
Kay Canal—Warbonnet Creek	406	.....	.....	.....
Karpisek Pump—Big Blue River	.....	456	.....	.....
Kearney Canal—Platte River	.....	.....	703	741
Kearney Power Return to Platte River	.....	.....	703	742
Kearney Sewer—Sec. 8-8-15	.....	357	.....	.....

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Keel Canal—Monroe Creek	407	----	----	----
Keifer Canal—Republican River	407	456	----	----
Keith-Lincoln County Canal—North Platte River	----	----	704	742
Keith-Lincoln County Drain No. 2—Sec. 24-14-35	318	357	----	----
Kelly Canal—Pumpkinseed Creek	407	456	----	----
Kelso Canal—Big Bordeaux Creek	407	456	----	----
Kent-Burke Canal, West—Pawnee Creek	407	457	----	----
Keyapaha River—Wewela, S. D.	----	----	556	634
Kilpatrick (Oasis) Canal No. 1—Snake Creek and Kilpatrick Reservoir	417	----	----	----
Kilpatrick (Oasis) Canal No. 2—Snake Creek and Kilpatrick Reservoir	418	----	----	----
Kilpatrick (Oasis) Canal, North (No. 1)—Snake Creek and Kilpatrick Reservoir	----	466	----	----
Kilpatrick (Oasis) Canal, South (No. 2)—Snake Creek and Kilpatrick Reservoir	----	466	----	----
Kilpatrick (Elmore) Reservoir	312	353	----	----
Kimball Canal—Lodgepole Creek and Oliver Reservoir	----	----	704	742
King Canals—Lawrence Fork Creek	407	457	----	----
Kingsley Dam Seepage—Various stations	319	358	----	----
Kingsley Reservoir, Storage—North Platte River, Page 8	----	----	491	509
Kite Canal—Monroe Creek and Jordan Reservoir	407	457	----	----
Klug Pump—Shell Creek	----	457	----	----
Koch Drain—Sec. 6-10-24	320	359	----	----
Koetter Pump—Red Willow Creek	408	----	----	----
Kolbert Pump—Red Willow Creek	408	----	----	----
Kortes Reservoir—North Platte River	----	----	483	501
Krivohlavek Pump—Shell Creek	----	457	----	----
Krotter-Follett Canal—Frenchman River	408	448	----	----
Krotter Power Plant—Frenchman River	----	457	----	----
Krueger Canals—Lodgepole Creek	408	457	----	----
Kusel Canal—Spring Creek	----	458	----	----
Kusel-Spearman Canal—Little Cottonwood Creek	408	----	----	----

L

LaBelle Canal—Niobrara River	409	458	----	----
Laier Drain—Sec. 7-10-24	320	359	----	----
Laing Canal—Lawrence Fork Creek	409	458	----	----
Lakotah Canal—Niobrara River	409	458	----	----
Lane Drain—Sec. 30-23-57, Pages 518, 519	320	359	----	----
Lang Pump—Mud (Beaver) Creek	409	458	----	----

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Lang Pump—Republican River	.....	458	.....	.....
Larabee Canal—Larabee Creek	409	.....	.....	.....
Larabee Creek—Sec. 6-34-44	320	359	.....	.....
Larson Drain—Sec. 10-8-20	321	359	.....	.....
Larson Pump—Muddy Creek	409	.....	.....	.....
Larson Pump—Mud (Beaver) Creek	.....	458	.....	.....
Last Chance Canal—Pumpkinseed Creek	.....	.....	704	743
Laughran-Bell Canal—Victoria Creek	409	.....	.....	.....
Lawrence Fork Creek—Various locations	321	359	.....	.....
Lemburg Pump—Middle Loup River	409	.....	.....	.....
Leonard Canals—Schaefer Reservoir	410	.....	.....	.....
Libby Canals—Lodgepole Creek	410	459	.....	.....
Lichte Canal—Niobrara River	410	459	.....	.....
Lieneman Pump—Beaver Creek	410	459	.....	.....
Lillian Creek, tributary to—Sec. 19-18-20	.....	360	.....	.....
Lincoln County Drain No. 1—Sec. 30-14-30	321	.....	557	635
Lincoln County Drain No. 2—Sec. 12-14-33	321	360	.....	.....
Lincoln Creek—Seward	.....	.....	.....	635
Lippincott Pump—Prairie Creek	.....	459	.....	.....
Lisco Canal—North Platte River	.....	.....	705	743
Little Pump—Red Willow Creek	.....	459	.....	.....
Little River—Sec. 17-13-29	.....	360	.....	.....
Lodgepole Creek:				
Airport	324	363	.....	.....
Bronson	323	362	.....	.....
Bushnell	.....	.....	557	636
Chappell	326	365	.....	.....
Colorado-Nebraska Line—Ralton Station	.....	.....	559	638
Dix	323	362	.....	.....
Lodgepole	326	365	.....	.....
Potter	323	362	.....	.....
Sidney City Park—Sec. 6-13-49	325	363	.....	.....
Sunol	326	364	.....	.....
Wyoming-Nebraska Line	322	360	.....	.....
Sec. 36-15-57—Oliver Reservoir, Below	.....	360	.....	.....
Sec. 31-15-56—Oliver Reservoir, Below New Ruttner	322	361	558	637
Sec. 29-15-55—Below Owasco Diversion Dam	322	361	.....	.....
Sec. 29-15-55—Bennett Reservoir, Above	322	361	558	637
Sec. 22-15-55—Bennett Reservoir, Below	323	361	.....	638
Sec. 20-14-50—Runge Canals, Below	324	363	.....	.....
Sec. 28-14-50	324	.....	.....	.....
Sec. 33-14-50	324	363	.....	.....

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Lodgepole Creek Continued:				
Sec. 5-13-49	325	364	.....	.....
Sec. 31-14-48—Krueger Canal, Above	325	364	.....	.....
Sec. 29-14-48—Krueger Lake, Below	325	364	.....	.....
Sec. 25-14 48	327	.....	.....	.....
Logan Canal—Pumpkinseed Creek	410	460	.....	.....
Logan Pump—White River	410	460	.....	.....
Logan Creek—Uehling	.....	.....	560	639
Lonergan Creek—Lemoyne	327	365	.....	.....
Long Pine Creek—Riverview	.....	.....	560	.....
Lord Pump—Beaver Creek	411	.....	.....	.....
Lost Creek—Oshkosh	327	.....	.....	.....
Lost Creek, Above and Below Reservoir—				
Sec. 23-17-44	.....	365	.....	.....
Lost Creek—Various locations	.....	365	.....	.....
Loup River:				
Columbus	.....	.....	561	639
Genoa	.....	.....	561	.....
Loup River Middle:				
Arcadia	.....	.....	564	642
Boelus	.....	.....	565	643
Dunning	.....	.....	562	640
Loup City	.....	.....	565	642
Milburn	.....	.....	563	640
St. Paul	.....	.....	566	643
Sargent	.....	.....	564	641
Seneca	.....	.....	562	.....
Walworth	.....	.....	563	641
Loup River, North:				
Burwell	.....	.....	567	644
Cotesfield	.....	.....	568	646
Ord	.....	.....	567	645
Scotia	.....	.....	568	645
St. Paul	.....	.....	569	646
Taylor	.....	.....	566	644
Loup River, South:				
Cumro	.....	.....	569	.....
Ravenna	.....	.....	570	647
St. Michael	.....	.....	570	647
Lower 96 Ranch Drain—Sec. 35-11-25	327	366	.....	.....
Luebbe Pump—Big Blue River	.....	460	.....	.....
Lyngholm Canal—Lodgepole Creek	411	460	.....	.....
Lyons Canal—North Platte River	.....	.....	705	743

	Measurements		Daily Discharge	
	1953	1954	1953	1954
M				
McAuliffe Canals—Lodgepole Creek	411	460	.....	.....
McCafferty-Howard Pump—White River	404	454	.....	.....
McCarthy Canal—White Tail Creek	411	460	.....	.....
McCarty Pump—Sappa Creek	411	.....	.....	.....
McComb Pump—Beaver Creek	411	.....	.....	.....
McDowell Drain—Sec. 6-10-24	327	366	.....	.....
McFarland Canal—White Clay Creek	411	460	.....	.....
McGinley-Stover Canals—Niobrara River	411	461	.....	.....
McGraw Canal—Victoria Creek	.....	461	.....	.....
McGuires Slough—Sec. 20-6-40	327	.....	.....	.....
McHatton Pump—Lodgepole Creek	412	.....	.....	.....
McIntosh Canal—Lodgepole Creek	.....	.....	705	744
McKeon Pump—Mud (Beaver) Creek	.....	461	.....	.....
McLain Canal—Stinking Water Creek	412	461	.....	.....
McLaughlin Canal—Lodgepole Creek	412	.....	.....	.....
McLaughlin Canal—Niobrara River	412	461	.....	.....
McMeekin Canal—Chadron Creek	412	.....	.....	.....
McMillan Canal—Middle Loup River	412	.....	.....	.....
McNeil Pump—Mud (Beaver) Creek	.....	462	.....	.....
Mace Canal—West Ash Creek	412	462	.....	.....
Malone Pump—Stinking Water Creek	413	.....	.....	.....
Maltese Cross Canal—Lodgepole Creek	413	462	.....	.....
Maple Creek—Nickerson	.....	.....	571	648
Maranville Canal—Frenchman River	413	.....	.....	.....
Markus Pumps—Wood River	413	.....	.....	.....
Marten Canal—Boggy Creek	413	.....	.....	.....
Martens Pump—Big Bordeaux Creek	413	462	.....	.....
Martin Drain—Sec. 6-12-28	327	366	.....	.....
Marys Creek—Wolbach	327	.....	.....	.....
Mastny Pump—Shell Creek	.....	462	.....	.....
Maxon Pump—Farmers Creek	413	462	.....	.....
Mayfield Canal—Mayfield Reservoir	413	.....	.....	.....
Mayland Pump—Big Blue River	.....	462	.....	.....
Medicine Creek:				
Cambridge	.....	.....	573	650
Maywood	.....	.....	571	648
Medicine Creek, Above Harry Strunk Lake	.....	.....	572	649
Medicine Creek, Below Harry Strunk Lake	.....	.....	573	650
Meeker Canal—Republican River	.....	.....	706	744
Meglemre Canal—Greenwood Creek	413	462	.....	.....
Melbeta Drain—Sec. 13-21-54—Pages 518, 519	327	366	574	651
Meredith-Ammer Canal—Pumpkinseed Creek	.....	.....	706	744
Mettlen Canal—Niobrara River	414	462	.....	.....
Meyer Pump—Republican River	414	463	.....	.....

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Meyers Pump—Red Willow Creek	414	463	-----	-----
Middle Loup Public Power and Irrigation District:				
Canal No. 1—Middle Loup River	-----	-----	706	745
Canal No. 2—Middle Loup River	-----	-----	707	745
Canal No. 3—Middle Loup River	-----	-----	707	745
Canal No. 4—Middle Loup River	-----	-----	707	745
Midland-Overland Canal—North Platte River	-----	-----	708	746
Miller Canal—Hat Creek	414	-----	-----	-----
Minatare Canal—North Platte River	-----	-----	708	746
Minnechaduza Creek—Valentine	-----	-----	574	651
Mirage Flats Canal—Niobrara River and Box Butte Reservoir	-----	-----	709	747
Mitchell Canal—Lodgepole Creek	414	463	-----	-----
Mitchell Canal—North Platte River	-----	-----	709	747
Mitchell Creek—Above Harry Strunk Lake	-----	-----	575	652
Moffat Drain—Sec. 25-22-52	-----	366	-----	-----
Moffat Drain, Summary in Acre-feet, Pages 712, 750				
Monroe Canals, Big—Monroe Creek	414	463	-----	-----
Monroe Creek—Various locations	328	366	-----	-----
Montague Canal—Niobrara River	414	463	-----	-----
Montague Canal Pump—Niobrara River	415	463	-----	-----
Monter Pump—Muddy Creek	415	-----	-----	-----
Montgomery Canal—Sow Belly Creek	415	463	-----	-----
Moon Creek—Loup City	328	-----	-----	-----
Moore-Kay Canal—Niobrara River	415	464	-----	-----
Moreland Canal—Dry Creek	415	464	-----	-----
Morrill Pump—Big Blue River	-----	464	-----	-----
Morris Pump—Beaver Creek	415	-----	-----	-----
Morris Pump—Mud (Beaver) Creek	415	464	-----	-----
Morris Pump—White River	-----	464	-----	-----
Morris-Rosenburg Drain—Sec. 36-13-29	328	367	-----	-----
Mousel Pump—Medicine Creek	-----	464	-----	-----
Mozeter Canal—Spring Creek	415	464	-----	-----
Mud (Beaver) Creek:				
Broken Bow	328	-----	575	-----
Sweetwater	-----	-----	576	652
Mud (Beaver) Creek—Various locations	328	367	-----	-----
Mud Creek, tributary to—Broken Bow	328	-----	-----	-----
Muddy Creek:				
Arapahoe	-----	-----	576	653
Max	329	367	-----	-----
Verdon	-----	-----	577	653
Muhlback Pump—Mud (Beaver) Creek	415	464	-----	-----
Mundell Drain—Sec. 19-10-23	329	367	-----	-----

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Mutual Canal—Pumpkinseed Creek	416	464	.....	.....
Myers Pump—Republican River	416	465	.....	.....
N				
Naslund Canal—Lodgepole Creek	416	465	.....	.....
Nelson Canal—Greenwood Creek	416	465	.....	.....
Nelson-Radcliffe Canal—Cedar Creek	421	465	.....	.....
Nelson Pump—Curtis Creek	416	465	.....	.....
Nelson Pump—Lost Creek	.....	465	.....	.....
Nelson Pump—Mud (Beaver) Creek	416	465	.....	.....
Nemaha River—Falls City	.....	.....	577	655
Nemaha River, Little—Auburn	.....	.....	578	654
Nemaha River, Little—Syracuse	.....	.....	578	654
Nemaha River, Little, tributary to—				
Sec. 17-18-11 E.	.....	367	.....	.....
Nemaha River, North Fork—Humboldt	.....	.....	579	655
Neumann Canals—Lodgepole Creek	416	465	.....	.....
Newton Canal—North Loup River	417	.....	.....	.....
New York Creek—Herman	.....	.....	579	656
Niehus Canal—Lawrence Fork Creek	417	466	.....	.....
Nine Mile Canal—North Platte River	.....	.....	709	747
Nine Mile Drain—McGrew, Pages 518, 519	.....	.....	580	656
Niobrara River:				
Agate	329	368	.....	.....
Box Butte Reservoir, Above	.....	.....	580	657
Box Butte Reservoir, Below	.....	.....	581	658
Cody	.....	.....	583	659
Cook Canal No. 1, Below	330	.....	.....	.....
Gordon	.....	.....	582	659
Harrison	329	368	.....	.....
Hay Springs	.....	.....	582	658
McGinley-Stover Canal, Below—Sec. 25-29-56	330	.....	.....	.....
Marsland	330	368	.....	.....
Norden	.....	.....	584	660
Sparks	.....	.....	583	660
Spencer	.....	.....	584	661
Whistle Creek, Below Mouth	329	368	.....	.....
Wyoming-Nebraska State Line—Sec. 20-31-57	329	367	.....	.....
Sec. 26-29-48—Below Potmesil Dam	330	368	.....	.....
Nisley Drain—Sec. 15-9-22	330	368	.....	.....
Nolan Canals—Warbonnet Creek	417	.....	.....	.....
Noreisch Canal—Spring Branch	417	.....	.....	.....
Norman Canal—Indian Creek	417	.....	.....	.....
Norman Supply Canal—Indian Creek	417	.....	.....	.....

	Measurements		Daily Discharge	
	1953	1954	1953	1954
North Loup River Public Power and Irrigation District:				
Burwell-Sumter Canal—North Loup River	-----	-----	710	748
Ord-North Loup Canal—North Loup River	-----	-----	709	748
Taylor-Ord Canal—North Loup River	-----	-----	710	747
North Platte Canal—North Platte River	-----	-----	711	749
North Pump—White Clay Creek	417	-----	-----	-----
Northport Canal—Drains into Tri-State Canal	-----	-----	711	749
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Oak Creek—Dannebrog	-----	-----	585	661
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Oberfelder Canals—Lodgepole Creek	418	466	-----	-----
Oberfelder Canal—Springs	418	466	-----	-----
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Orchard-Alfalfa Canal—Platte River	-----	-----	712	750
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Pantenburg Canal—Lodgepole Creek	418	467	-----	-----
Parks Canal—Republican River	418	467	-----	-----
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Pathfinder Reservoir Storage—North Platte River Page 8	-----	-----	484	502
Pawnee Creek—Sec. 4-12-27	330	369	-----	-----

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	1953	1954	1953	1954
Paxton-Hershey Canal—North Platte River			713	752
Pebble Creek—Dunlap	331			
Peckham Drain—Sec. 3-11-26	331	369		
Peetz Pump—Lodgepole Creek	419	467		
Pell Drain—Sec. 5-12-28	331	369		
Perry Pump—Mud (Beaver) Creek		467		
Persinger Canal—Lodgepole Creek	419	467		
Peters Canal—Pumpkinseed Creek	419	467		
Peterson Canal—Lodgepole Creek	419	467		
Peterson Drain—Sec .18-8-19	331	369		
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Pioneer Canals—Niobrara River	419	468		
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Inflow			485	503
Outflow			486	504
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Keystone			492	510
Kingsley Reservoir, Storage			491	509
Kortes Reservoir, Storage			483	501
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Minatare			488	506
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Oshkosh			490	508
Pathfinder Reservoir, Storage			484	502
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	1953	1954	1953	1954
Platte River:				
Ashland			499	
Brady			496	514
Cozad			496	514
Duncan			498	516
Grand Island			498	516
Louisville			500	517
North Bend			499	517
Odessa			497	515
Overton			497	515
North Platte Confluence—North Platte			495	513
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Meadville			586	662
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Plunkett Canals—Plunkett Reservoir and Prairie Dog Creek	419			
Pollock Pump—Big Blue River		468		
Ponca Creek—Anoka			587	663
Post Pump—Turkey Creek	420	468		
Potmesil Canal—Niobrara River	420	468		
Prairie Creek:				
Abbott		369		
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Grand Island	331			
Silver Creek			587	
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Woodruff, Kansas			588	663
Various locations	331	370		
Premier Canal—Lodgepole Creek	420	468		
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Bridgeport			588	664
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Quinn Canal—Pumpkinseed Creek	421	469		

	Measurements		Daily Discharge	
	1953	1954	1953	1954
R				
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Randall Canal—Lawrence Fork Creek	421	469	.....	.....
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Rasser Canal—Elm Creek	422	.....	.....	.....
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Bayard	.....	.....	589	664
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Trenton	.....	.....	592	668
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Benkelman	.....	.....	591	667
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Rodgers Pump—Pumpkinseed Creek	.....	470	.....	.....
Rope Creek—Alma	334	371	.....	.....
Round House Rock Canal—Pumpkinseed Creek	423	470	.....	.....
Rowe Drain—Sec. 27-10-23	334	371	.....	.....
Rucker Pump—Little Bordeaux Creek	423	.....	.....	.....
Ruggles Pump—Red Willow Creek	423	470	.....	.....
Runck Pump—Republican River	.....	470	.....	.....
Runge Canals—Lodgepole Creek	423	470	.....	.....
Runge Pump—Lodgepole Creek	423	471	.....	.....
Rush Creek Canal—North Platte River	423	.....	.....	.....
Russell Canal—Blackwood Creek	423	.....	.....	.....
Russell Pump—Brushy Creek	424	471	.....	.....
Ruttner Canal—Lodgepole Creek	424	471	.....	.....
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Ruttner-Kinney Canal—Lodgepole Creek	.....	.....	714	753
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Sand Creeks—Various locations	334	372	.....	.....
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	Measurements		Daily Discharge	
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Sappa Creek:				
Beaver City			598	674
Stamford			598	675
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Schilt-Cedar Canal—Cedar Creek	424			
Schilt-Monroe Canal—Monroe Creek	424	471		
Schilt-Prairie Dog Canal—Prairie Dog Creek	424			
Schmeckel Pump—Dead Horse Creek		471		
Schmelzer Pump—Medicine Creek	424	471		
Schmitz Pump—Driftwood Creek	424			
Schnell Canal—Pumpkinseed Creek	424	471		
Schommer Pump—White River		471		
School Creek—Various locations		372		
Schultz Pump—Mud (Beaver) Creek		472		
Schumacher Pump—White River	425	472		
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Scripter Canal—Clear Creek		472		
Sears Pump—Pumpkinseed Creek	425	472		
Sedlak Pump—Big Blue River		472		
Seegrist Canal—Indian Creek and Renfro Reservoir	425	472		
Seminoe Reservoir, Storage—North Platte River			483	501
Severns Pump—Frenchman River	425	472		
Shaner Drain—Sec. 31-13-28	336	373		
Sheep Creek—Morrill			599	675
Sheep Creek Drain, Pages 518, 519				
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Sheldon Canal—East Ash Creek	425			
Sheldon Drains	336	373		
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Columbus			600	676
Newman Grove			599	676
Shepherd Canal—Squaw Creek	425			
Sheppard Pump—Big Blue River		472		
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Sheridan-Wilson Canal—Sarben Slough			715	753

	Measurements		Daily Discharge	
	1953	1954	1953	1954
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Grand Island	336	374	.....	.....
Ithaca	.....	.....	600	677
Silvernail Drain—Sec. 6-19-49	336	374	.....	.....
Simons Canal—Little Cottonwood Creek	426	473	.....	.....
Six Mile Canal—Platte River	.....	.....	716	754
Skiles Pump—Sappa Creek	426	473	.....	.....
Skunk Creek—Sec. 1-14-37	336	374	.....	.....
Slattery Canal—Jim Creek and Caladonia Reservoir	426	.....	.....	.....
Slattery Canal—Dead Horse Creek	426	473	.....	.....
Smith Canal—Lodgepole Creek	426	473	.....	.....
Smith-Wheeler Canals—Pumpkinseed Creek	426	473	.....	.....
Snake River—Burge	.....	.....	601	677
Snake Creek—Various locations	336	374	.....	.....
Snow Canal—Niobrara River	427	473	.....	.....
Soderquist Canals—Lodgepole Creek	427	473	.....	.....
Soldier Creek—Various locations	337	375	.....	.....
Solomon Pump—Frenchman River	427	.....	.....	.....
Sommer Drains—Sec. 5 and 9-12-28	338	375	.....	.....
South Omaha Creek—Various locations	338	375	.....	.....
Souther Lake Canal—Hooker Creek	427	.....	.....	.....
Sow Belly Canal, New—Sow Belly Creek	427	.....	.....	.....
Sow Belly Canal, Old—Sow Belly Creek	427	473	.....	.....
Sow Belly Creek—Various locations	338	375	.....	.....
Spohn Canal—North Platte River	.....	.....	716	755
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Butte	339	.....	.....	.....
Cushing	.....	.....	602	.....
Various locations	339	376	.....	.....
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Spring Creek Canals—Spring Creek	427	474	.....	.....
Springer Pump—Beaver Creek	428	.....	.....	.....
Squaw Creek Canal—Spring Creek	428	.....	.....	.....
Squaw Creek Canal—Squaw Creek Reservoir	428	474	.....	.....
Squaw Creek—Various locations	339	376	.....	.....
Steamboat-Castle Rock Canal—North Platte River	.....	.....	692	729

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Stenger Drain—Sec. 27-13-29	339	376	.....	.....
Stephenson Canal—East Saw Log Creek	428	.....	.....	.....
Stevens Pump—Mud (Beaver) Creek	428	474	.....	.....
Stevenson Pump—Sappa Creek	428	.....	.....	.....
Stewart Drain—Sec. 3-8-21	339	377	.....	.....
Stinking Water Creek:				
Palisade	.....	.....	602	678
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Stove Creek—Various locations	.....	377	.....	.....
Strever Creek:				
Overton	340	377	603	679
Various locations	.....	377	.....	.....
Strong Pump—Big Blue River	.....	474	.....	.....
Strunk, Harry, Lake, Storage—Medicine Creek	.....	.....	572	649
Stuart Brothers Canals—Little Cottonwood Creek	428	474	.....	.....
Stuart-Maple Canal—Little Cottonwood Creek	.....	474	.....	.....
Stuht Canal—Lodgepole Creek	428	474	.....	.....
Stumph Canal—East Ash Creek	428	.....	.....	.....
Stute Pump—Buffalo Creek	429	.....	.....	.....
Suburban Canal—North Platte River	.....	.....	716	755
Sudman Canal—Lodgepole Creek	429	475	.....	.....
Superior Canal—Republican River	.....	.....	717	755
Sutherland Canal—North Platte River	.....	.....	717	756
Sutherland Canal—South Platte River	.....	.....	718	756
Sutherland Power Return to South Platte River	429	475	718	757
Sutherland Reservoir Storage System	.....	.....	492	510
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Taylor-Ord Canal—North Loup River	.....	.....	710	747
Tekamah Creek—Tekamah	.....	.....	603	679
Tekamah Creek—Various locations	.....	377	.....	.....
Thirty Mile Canal—Platte River	.....	.....	719	757
Thirty Mile Canal Seep—Sec. 31-12-26	340	.....	.....	.....
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Thomas Canal—Big Bordeaux Creek	429	475	.....	.....
Thomas Canal—East Ash Creek	429	.....	.....	.....
Thomas Canal—Squaw Creek	429	.....	.....	.....
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	Measurements		Daily Discharge	
	1953	1954	1953	1954
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Tobin Canal—Lodgepole Creek	430	475	-----	-----
Todd Canal—East Ash Creek	430	-----	-----	-----
Toohey Spillway from Tri-State Canal—Sec. 18-23-56	340	-----	-----	-----
Towne Pump—Medicine Creek	430	475	-----	-----
Tracy Canal—Lodgepole Creek	430	475	-----	-----
Tracy Pump—Muddy Creek	430	-----	-----	-----
Trails End Canals—Pumpkinseed Creek	430	476	-----	-----
Trails End Pump—Pumpkinseed Creek	-----	476	-----	-----
Tri-County Canal—Platte River	-----	-----	719	758
Tri-County Canal—Jeffrey Power Return to Platte River	-----	-----	720	758
Tri-County Canal—Johnson Power Return to Platte River	430	476	720	759
Tridle Pump—Muddy Creek	431	-----	-----	-----
Trinnier Canal—Greenwood Creek	431	476	-----	-----
Tri-State Canal:				
Akers Draw	303	344	-----	-----
Alliance Drain, for D-918 lands	431	476	-----	-----
North Platte River and Pathfinder Reservoir	-----	-----	721	759
Trognitz Canal—Lodgepole Creek	431	476	-----	-----
Trunk Butte Creek—Sec. 25-33-50	340	378	-----	-----
Tub Springs—Above Enterprise Canal, Sec. 33-23-55	340	378	-----	-----
Tub Springs—Scottsbluff	-----	-----	604	680
Tub Springs Drain, Pages 518, 519				
Tug Wilson Canal—Chadron Creek	431	-----	-----	-----
Tupper Pump—Indian Creek	431	-----	-----	-----
Turkey Creek:				
Dannebrog	340	-----	-----	-----
Farwell	-----	378	-----	-----
Naponee	-----	378	605	-----
Turner Canal, South—Antelope Creek	431	-----	-----	-----
Turner Reservoir Canal No. 2—Antelope Creek	431	-----	-----	-----
U				
Union Canal—Blue Creek and Crescent Lake	-----	-----	722	760
Urbach Canal—Lodgepole Creek	432	477	-----	-----
V				
Van Treek Canal—East Saw Log Creek	432	-----	-----	-----
Vedsted Pump—Big Blue River	-----	477	-----	-----
Victoria Canals—Victoria Creek	432	477	-----	-----

	Measurements		Daily Discharge	
	1953	1954	1953	1954
Victoria Creek—Gates	341	379	.....	.....
Victoria Creek—Sec. 6-19-20	341	378	.....	.....
W				
Wagner Pump—Muddy Creek	.....	477	.....	.....
Wahoo Creek—Ithaca	.....	.....	605	681
Walbridge Pump—Frenchman River	432	.....	.....	.....
Walker Pump—Red Willow Creek	432	477	.....	.....
Walnut Run Creek—Franklin	341	379	.....	.....
Warbonnet Canals—Warbonnet Creek	432	477	.....	.....
Warbonnet Creek—Various locations	341	379	.....	.....
Warneke Canal—Niobrara River	432	477	.....	.....
Wasserburger Pump—Hat Creek	432	.....	.....	.....
Wearin Canal—Lodgepole Creek	433	477	.....	.....
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Wengert Pump—Turkey Creek	433	.....	.....	.....
Wentling Pump—Beaver Creek	433	.....	.....	.....
Wertz Canal—Lodgepole Creek	433	478	.....	.....
West Pump—Mud (Beaver) Creek	.....	478	.....	.....
Western Canal—South Platte River	.....	.....	722	761
Whistle Creek—Sec. 12-28-54	341	379	.....	.....
White Clay Creek—Crawford	341	379	.....	.....
White Clay Creek—Various locations	341	380	.....	.....
White Horse Creek—Gannett	342	380	.....	.....
White River Canal—White River	433	478	.....	.....
White Pump—Big Blue River	.....	478	.....	.....
White Pumps—Dead Horse Creek	426	473	.....	.....
White River:				
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Crawford	.....	.....	606	682
Whitney	.....	.....	607	683
Chadron	.....	380	.....	.....
White River, tributary to—Glen	342	.....	.....	.....
White Tail Creek—Sec. 36-15-38	342	381	.....	.....
Whiteman Canal—Whiteman Fork	433	.....	.....	.....
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	Measurements		Daily Discharge	
	1953	1954	1953	1954
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Wickersham Supply Canal—Boggy Creek	434	478	-----	-----
Wiedel Pump—Republican River	434	478	-----	-----
Wiegand Canals—Lodgepole Creek	434	478	-----	-----
Wiggle Creek—Loup City	343	-----	-----	-----
Wilds Canals—Lodgepole Creek	434	479	-----	-----
Williams Pump—Beaver Creek	434	479	-----	-----
Williams Pump—Mud (Beaver) Creek	434	479	-----	-----
Willoughby Pump—Mud (Beaver) Creek	434	479	-----	-----
Willow Creek—Various locations	343	381	-----	-----
Willow Springs Canals—Willow Creek	435	479	-----	-----
Wilson Pump—Mud (Beaver) Creek	435	479	-----	-----
Winters Creek—Scottsbluff	-----	-----	608	683
Winters Creek Canal—North Platte River	-----	-----	723	761
Winters Creek Canal—Winters Creek	-----	-----	723	761
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Wolf Canal—Lodgepole Creek	435	479	-----	-----
Wolfe Pump—Shell Creek	-----	479	-----	-----
Wood River:				
Alda	-----	-----	-----	685
Gibbon	-----	-----	608	684
Grand Island	343	381	-----	-----
Riverdale	-----	-----	609	684
Various locations	343	381	-----	-----
Woodruff Canal—Jim Creek	435	-----	-----	-----
Worden Pump—Republican River	435	-----	-----	-----
Wright Canal—Pumpkinseed Creek	435	480	-----	-----
Y				
Yanda Pump—Mud (Beaver) Creek	435	-----	-----	-----
Young Canal—Brushy Creek	435	480	-----	-----
Z				
Zerbst Canal—Little Red Creek	436	-----	-----	-----
Ziegler Pump—Thompson Creek	436	480	-----	-----
Zimmerman Canal—Sow Belly Creek	436	480	-----	-----